

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
 Data File : BM014386.D
 Acq On : 27 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.728	631	636	651	rVB	433798	831606	4.97%	0.752%
2	6.875	655	661	670	rBV	384691	631470	3.77%	0.571%
3	7.063	687	693	701	rBV	540324	848267	5.07%	0.768%
4	7.522	766	771	775	rBV	449992	728590	4.35%	0.659%
5	7.863	823	829	839	rVB	300725	502953	3.00%	0.455%
6	8.251	888	895	903	rBV	512799	923638	5.52%	0.836%
7	8.681	961	968	974	rBV	545836	919552	5.49%	0.832%
8	9.392	1082	1089	1098	rBV	470101	823088	4.92%	0.745%
9	9.939	1176	1182	1196	rBV	552145	1106988	6.61%	1.002%
10	10.292	1232	1242	1247	rBV	612274	1034047	6.18%	0.936%
11	10.457	1262	1270	1283	rBV2	286209	661647	3.95%	0.599%
12	13.492	1777	1786	1791	rBV4	76078	178033	1.06%	0.161%
13	13.598	1799	1804	1809	rBV	1075853	1564463	9.35%	1.416%
14	13.651	1809	1813	1818	rVB	252510	358057	2.14%	0.324%
15	13.869	1840	1850	1862	rBV	1328456	2148114	12.83%	1.944%
16	14.080	1879	1886	1892	rBV3	101034	168499	1.01%	0.152%
17	14.180	1895	1903	1910	rBV2	868575	1363385	8.14%	1.234%
18	14.457	1945	1950	1965	rBV3	184077	533945	3.19%	0.483%
19	14.586	1967	1972	1977	rVV	120266	182275	1.09%	0.165%
20	15.180	2067	2073	2079	rBV	1512843	2223085	13.28%	2.012%
21	15.233	2079	2082	2087	rVB3	122883	185851	1.11%	0.168%
22	15.351	2097	2102	2108	rBV4	125813	240743	1.44%	0.218%
23	15.910	2192	2197	2205	rBV5	156559	332811	1.99%	0.301%
24	16.239	2248	2253	2259	rBV9	87936	173995	1.04%	0.157%
25	16.757	2337	2341	2348	rVB2	137001	214852	1.28%	0.194%
26	16.939	2367	2372	2376	rBV	951013	1426164	8.52%	1.290%
27	16.980	2376	2379	2384	rVV	1724813	2375651	14.19%	2.150%
28	17.039	2384	2389	2393	rVV2	1648675	2393589	14.30%	2.166%
29	17.074	2393	2395	2400	rVB	459839	525826	3.14%	0.476%
30	17.139	2401	2406	2413	rVV8	78396	174688	1.04%	0.158%
31	17.357	2440	2443	2449	rVB	169177	230211	1.38%	0.208%
32	17.462	2455	2461	2465	rBV4	197549	312033	1.86%	0.282%
33	17.815	2517	2521	2524	rBV	321872	467293	2.79%	0.423%
34	17.857	2524	2528	2536	rVB2	704791	1254677	7.49%	1.135%

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35	18.009	2549	2554	2558	rBV3	483648	789246	4.71%	0.714%
36	18.051	2558	2561	2567	rVB	210969	300406	1.79%	0.272%
37	18.209	2584	2588	2597	rVB4	615308	1103080	6.59%	0.998%
38	18.327	2605	2608	2612	rVV2	214488	297955	1.78%	0.270%
39	18.380	2613	2617	2622	rVB2	754659	995286	5.95%	0.901%
40	18.745	2676	2679	2683	rBV	227730	330105	1.97%	0.299%
41	19.015	2720	2725	2730	rBV	3384903	4385810	26.20%	3.968%
42	19.151	2744	2748	2755	rVB3	979114	1442604	8.62%	1.305%
43	19.351	2778	2782	2785	rBV2	2146592	3348158	20.00%	3.029%
44	19.380	2785	2787	2792	rVB	2662900	3114678	18.61%	2.818%
45	20.009	2890	2894	2898	rVB	2318133	2533425	15.13%	2.292%
46	20.151	2916	2918	2921	rBV4	257058	346665	2.07%	0.314%
47	20.292	2940	2942	2946	rBV	237298	269613	1.61%	0.244%
48	20.333	2946	2949	2957	rVB	604737	805212	4.81%	0.729%
49	20.445	2964	2968	2977	rBV	2367901	3080799	18.40%	2.788%
50	20.874	3038	3041	3047	rVB4	931714	1259600	7.52%	1.140%
51	21.080	3071	3076	3080	rBV	15559550	16740968	100.00%	15.148%
52	21.145	3083	3087	3092	rVV2	2185338	4561214	27.25%	4.127%
53	21.192	3092	3095	3105	rVB	1798171	2410798	14.40%	2.181%
54	21.368	3121	3125	3128	rBV	3324199	4203203	25.11%	3.803%
55	21.409	3128	3132	3138	rVB	7291048	8200125	48.98%	7.420%
56	21.627	3166	3169	3176	rVB	1349681	1558226	9.31%	1.410%
57	22.692	3347	3350	3362	rVB	1500373	4106498	24.53%	3.716%
58	22.992	3397	3401	3407	rVB	1380391	2281242	13.63%	2.064%
59	23.150	3425	3428	3432	rBV	703216	1056898	6.31%	0.956%
60	23.203	3433	3437	3440	rVV2	1319663	2146364	12.82%	1.942%
61	23.244	3441	3444	3453	rVB	1374260	2248832	13.43%	2.035%
62	25.574	3834	3840	3857	rVB	2062962	5557623	33.20%	5.029%
63	26.850	4052	4057	4068	rVB3	1080773	3003915	17.94%	2.718%

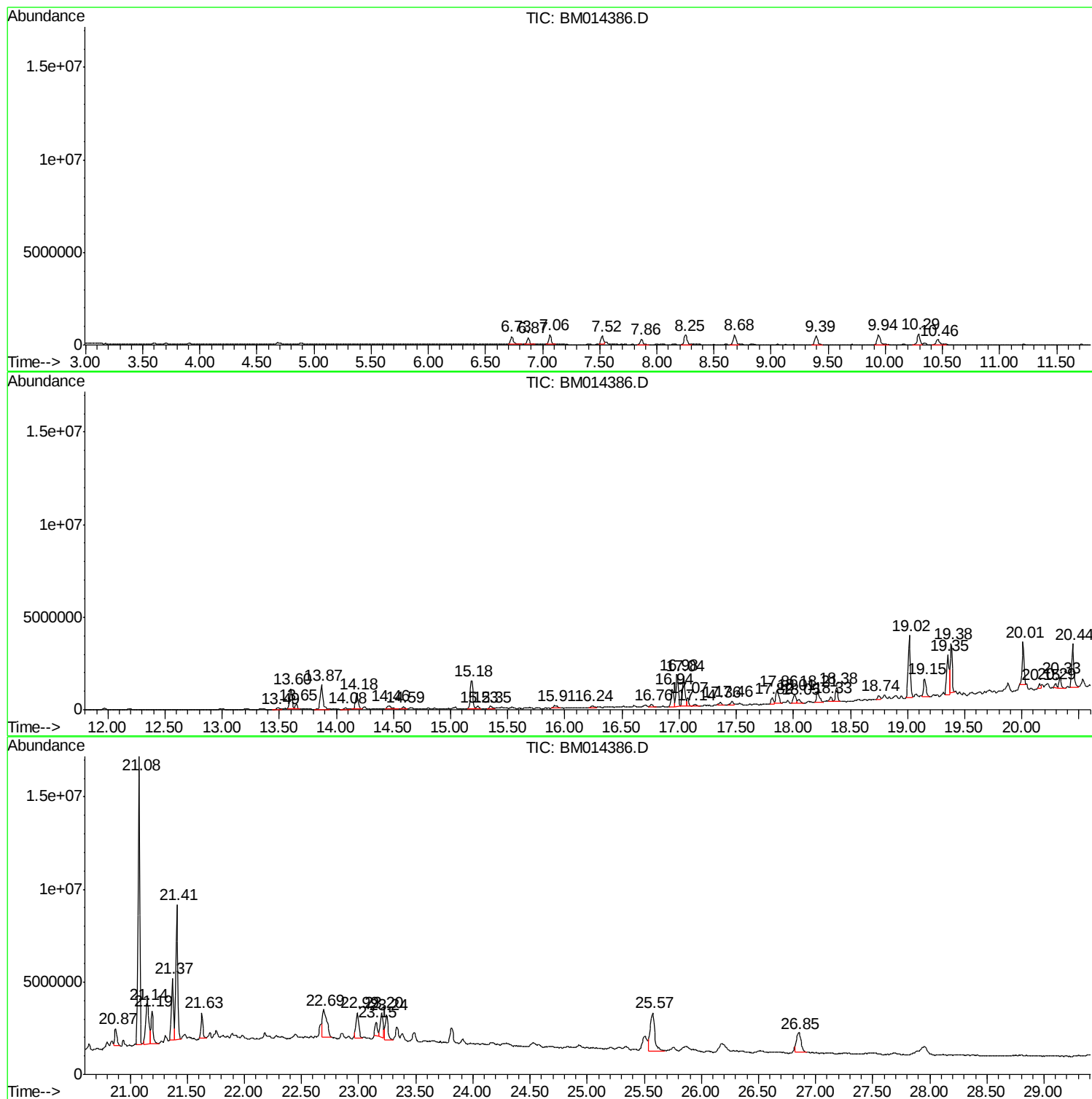
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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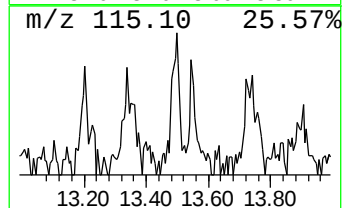
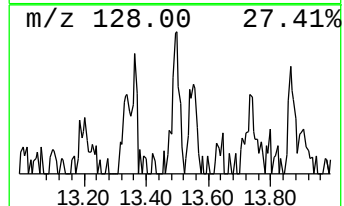
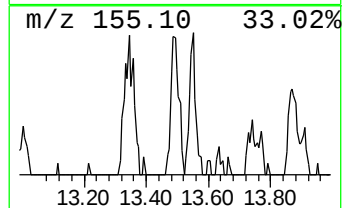
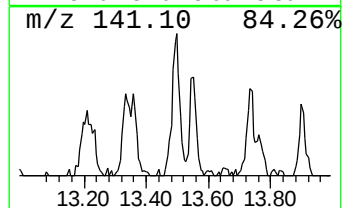
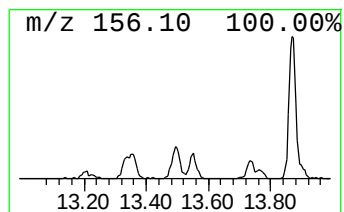
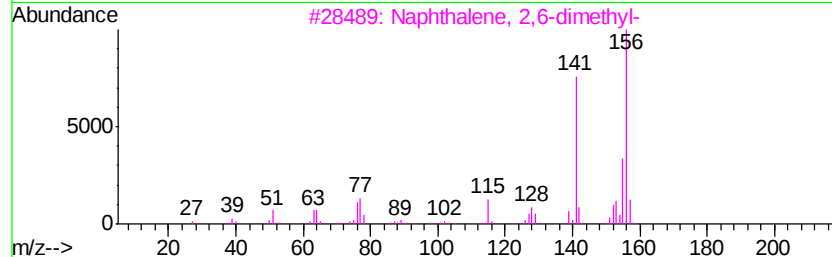
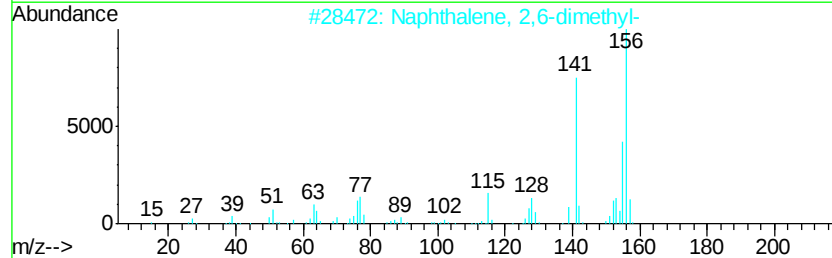
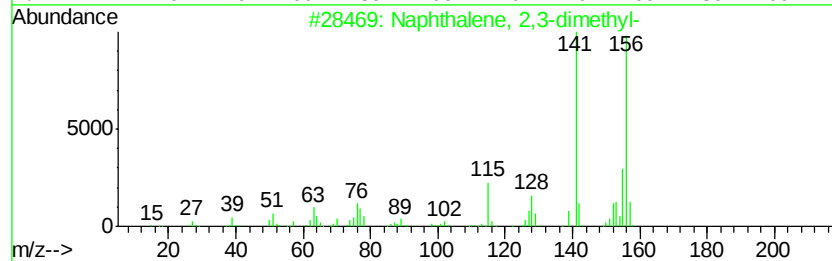
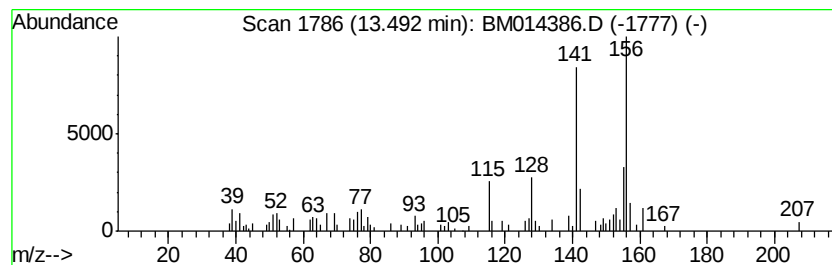
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.61 ng/ul	178033	Acenaphthene-d10	14.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	96
2	Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0	95
3	Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0	95
4	Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9	94
5	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	94



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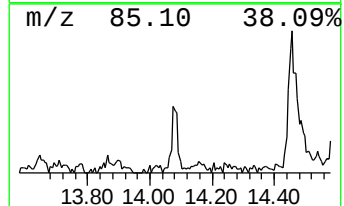
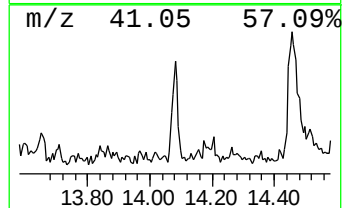
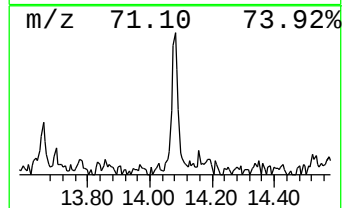
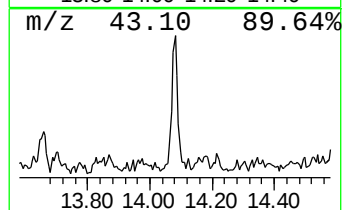
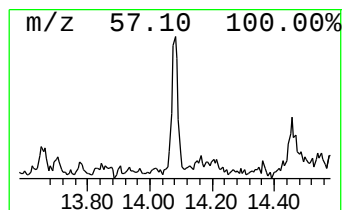
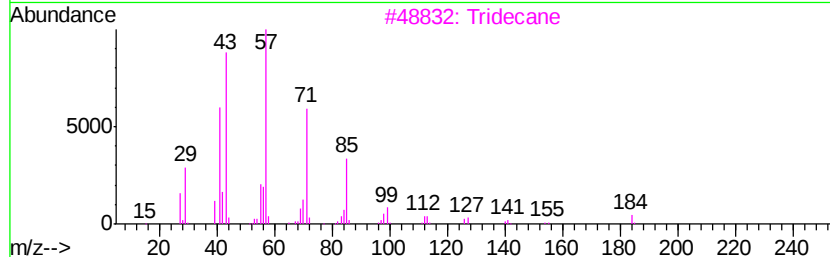
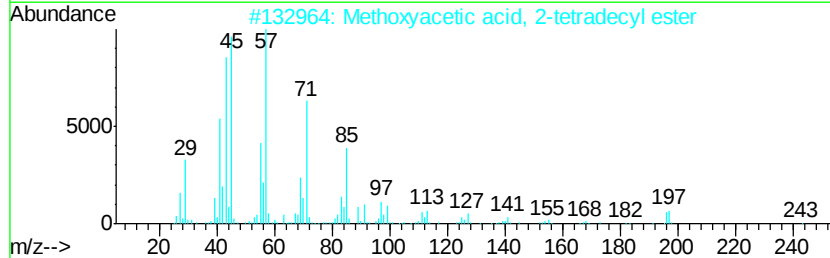
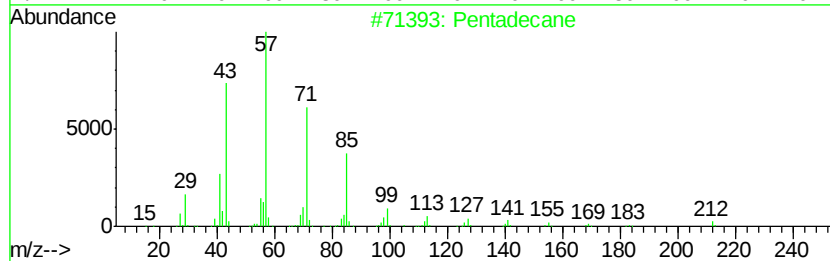
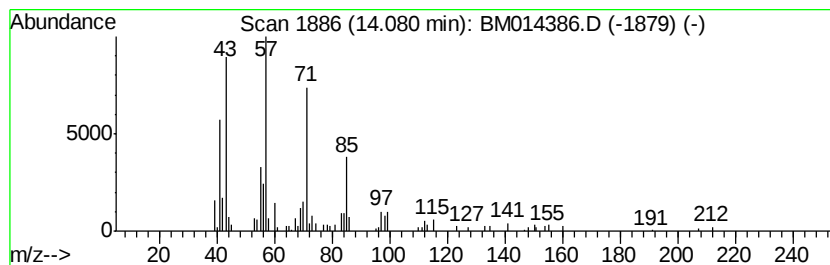
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.47 ng/ul	168499	Acenaphthene-d10	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	87
2		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	80



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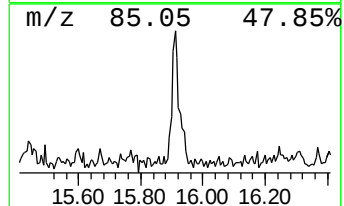
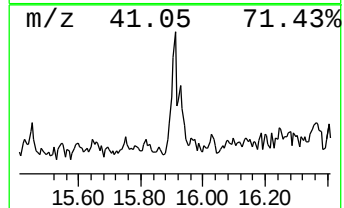
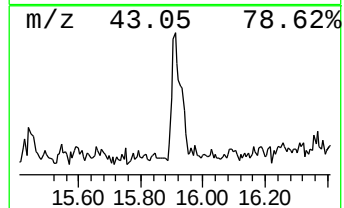
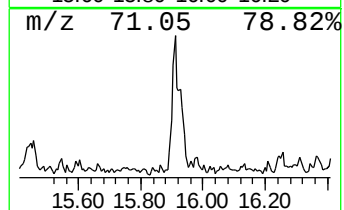
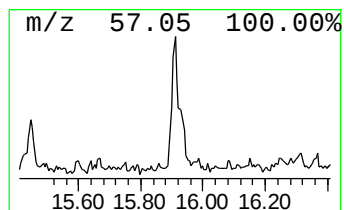
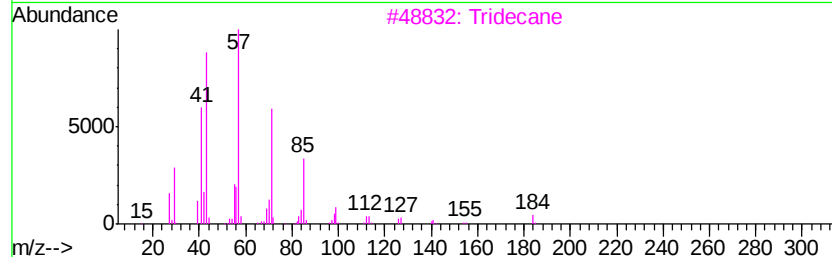
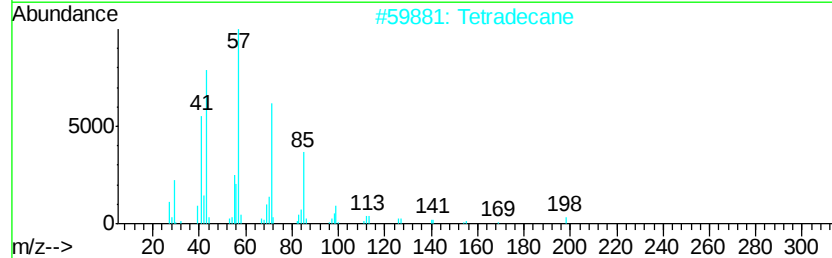
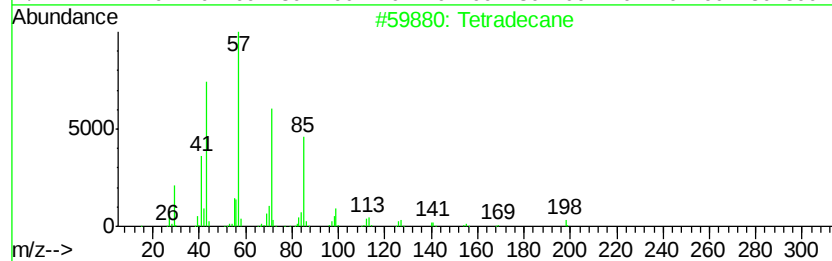
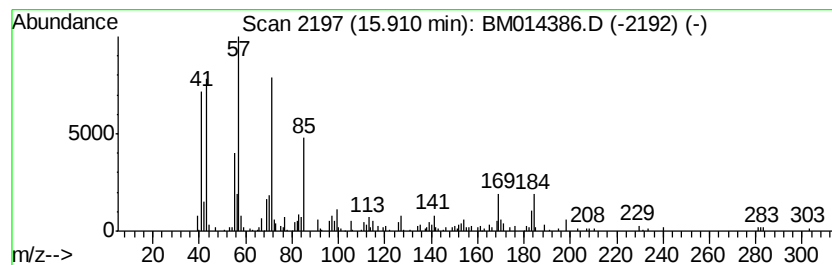
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	4.67 ng/ul	332811	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	89
2			Tetradecane	198	C14H30	000629-59-4	83
3			Tridecane	184	C13H28	000629-50-5	76
4			Tetradecane	198	C14H30	000629-59-4	76
5			Tridecane	184	C13H28	000629-50-5	76



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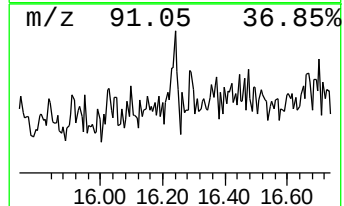
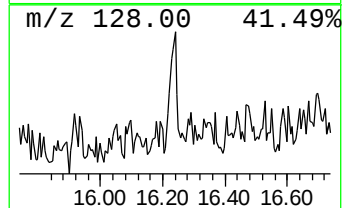
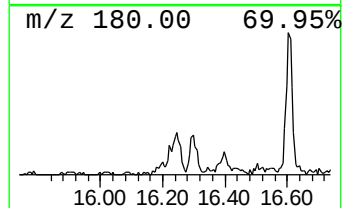
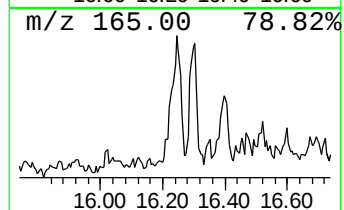
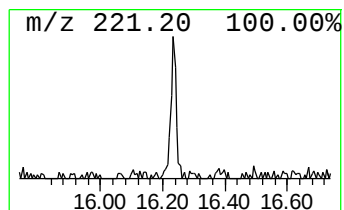
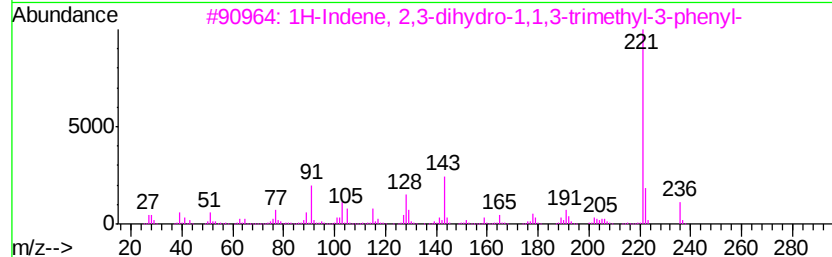
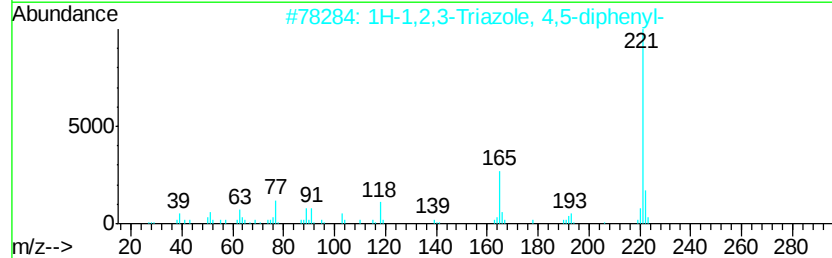
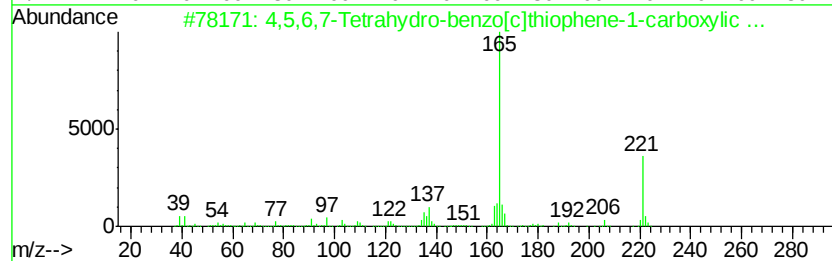
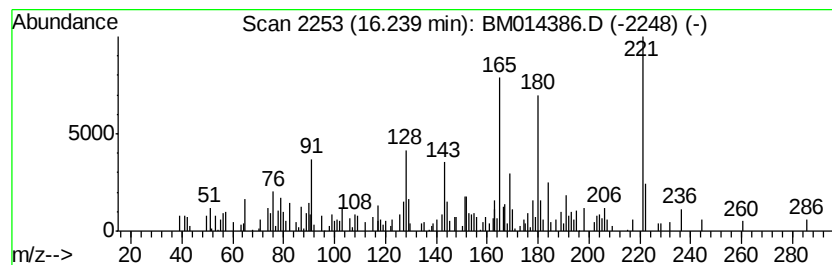
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.24	2.44 ng/ul	173995	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,6,7-Tetrahydro-benzo[c]thiop...	221	C12H15NOS	1000296-67-7	46
2	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	43
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	42
4	Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	25
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	25



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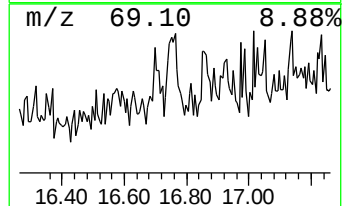
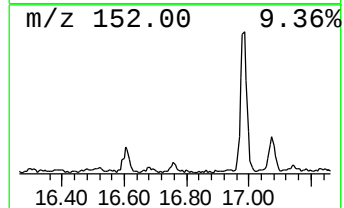
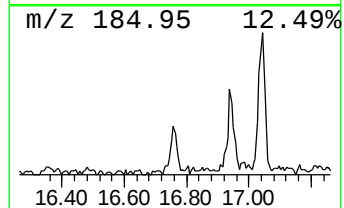
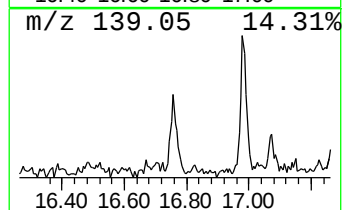
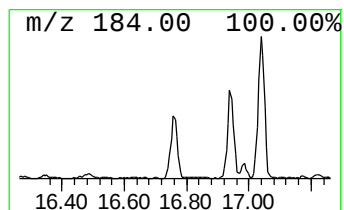
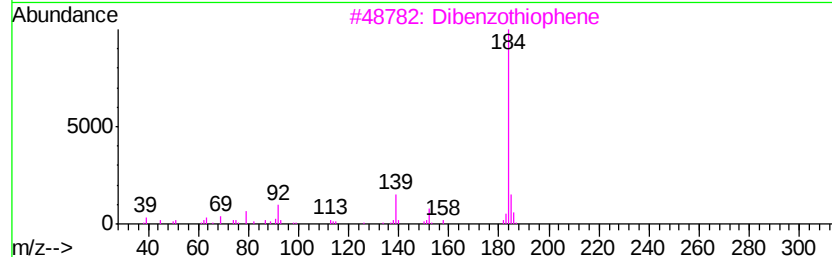
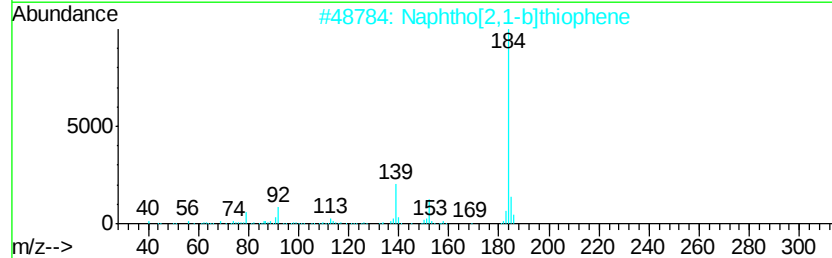
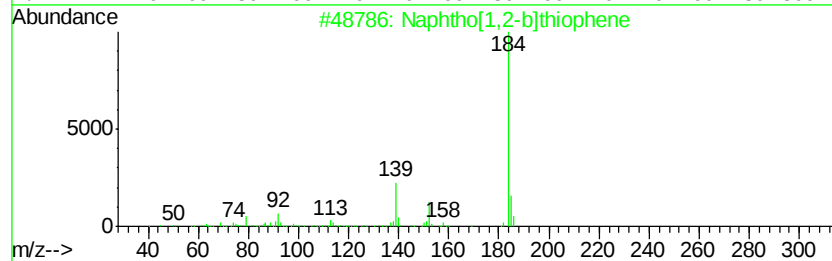
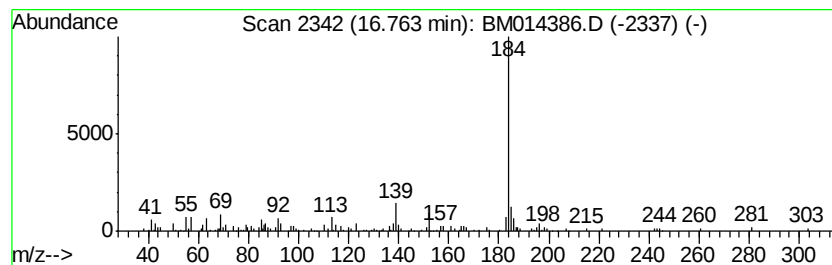
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphtho[1,2-b]thiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.01 ng/ul	214852	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
3		Dibenzothiophene	184	C12H8S	000132-65-0	90
4		Dibenzothiophene	184	C12H8S	000132-65-0	90
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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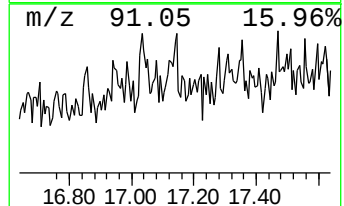
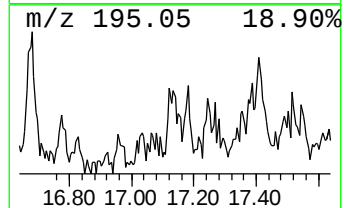
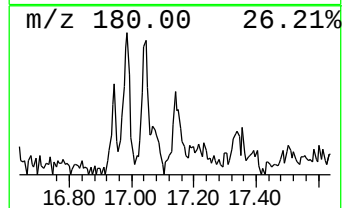
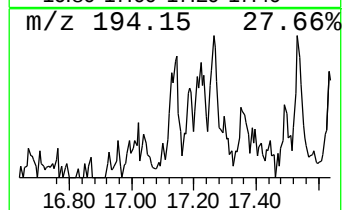
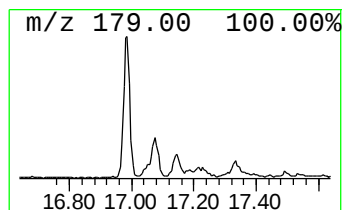
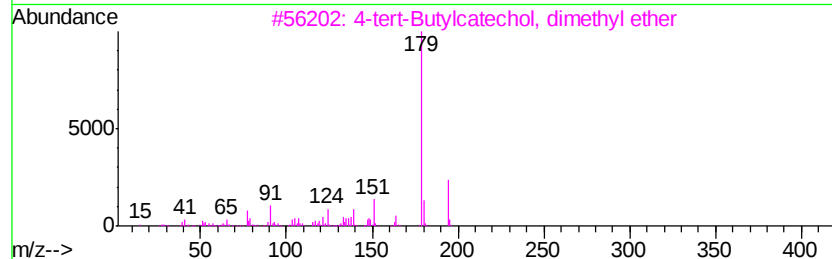
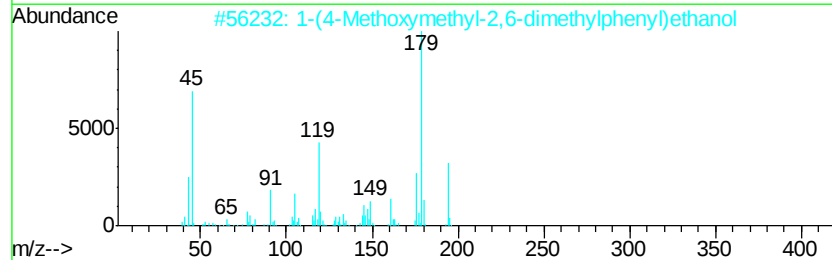
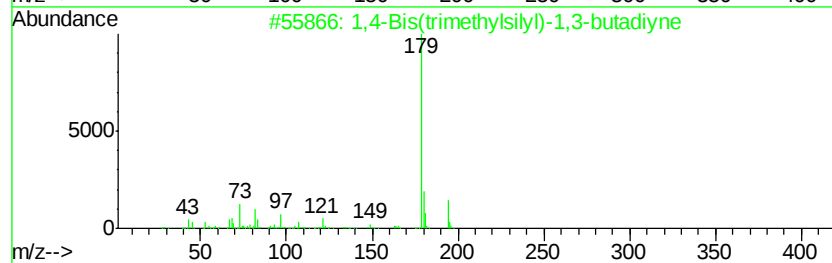
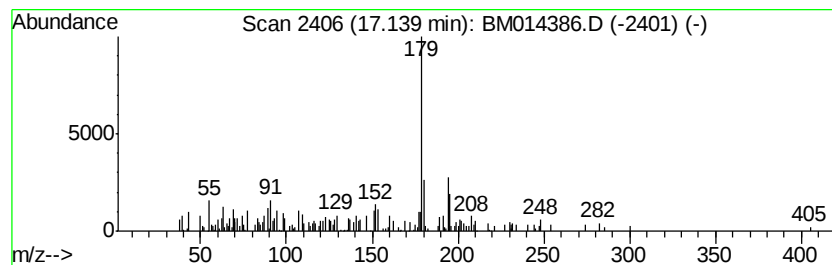
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,4-Bis(trimethylsilyl)-1,3... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	2.45 ng/ul	174688	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	59
2		1-(4-Methoxymethyl-2,6-dimethylp...	194	C12H18O2	1000202-02-5	53
3		4-tert-Butylcatechol, dimethyl e...	194	C12H18O2	1000352-79-6	53
4		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	53
5		3-Ethylphenol, trimethylsilyl ether	194	C11H18OSi	1000333-41-3	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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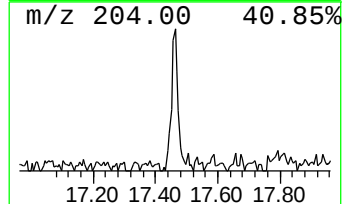
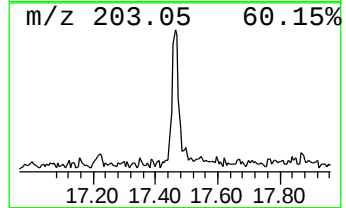
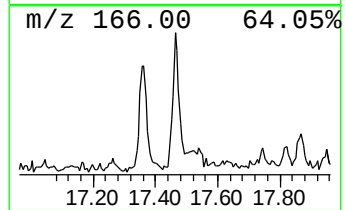
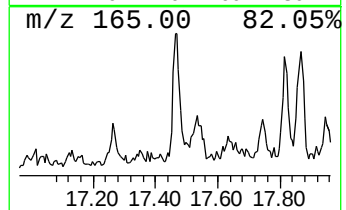
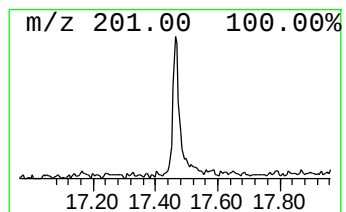
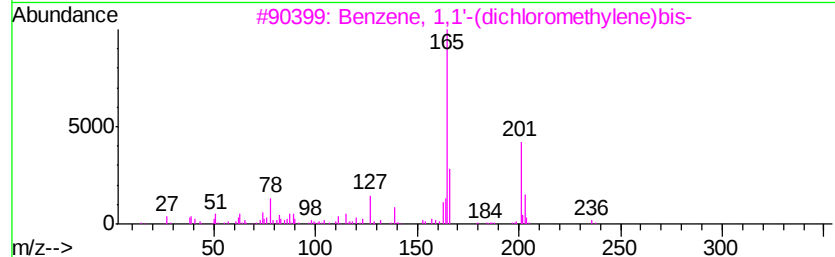
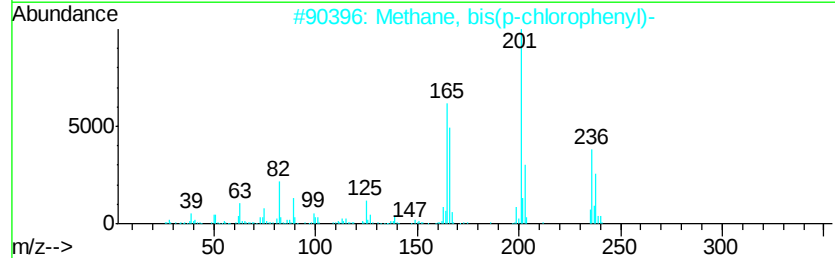
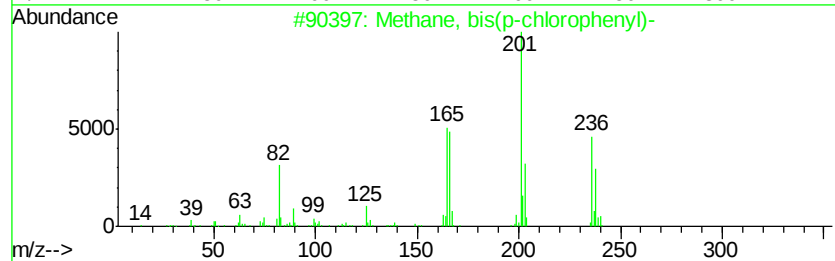
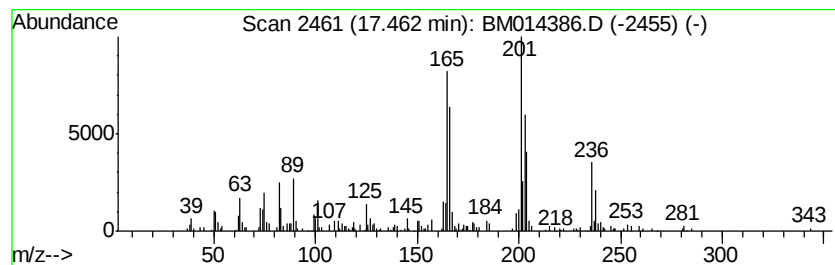
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Methane, bis(p-chlorophenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	4.38 ng/ul	312033	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, bis(p-chlorophenyl)-	236	C13H10Cl2	000101-76-8	94
2		Methane, bis(p-chlorophenyl)-	236	C13H10Cl2	000101-76-8	89
3		Benzene, 1,1'-(dichloromethylene...	236	C13H10Cl2	002051-90-3	47
4		Benzene, 1,1'-(dichloromethylene...	236	C13H10Cl2	002051-90-3	43
5		Fluorene	166	C13H10	000086-73-7	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
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Misc :
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Instrument :
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ClientSampleId :
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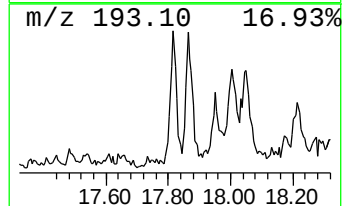
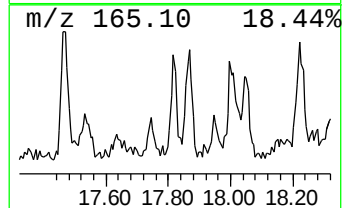
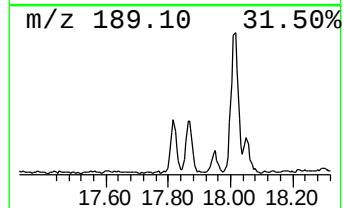
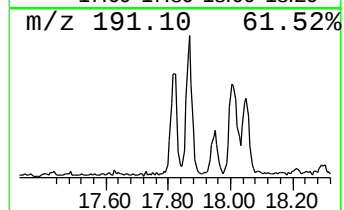
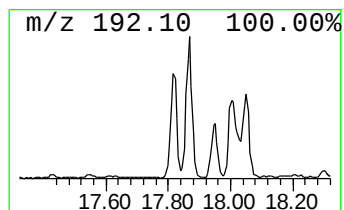
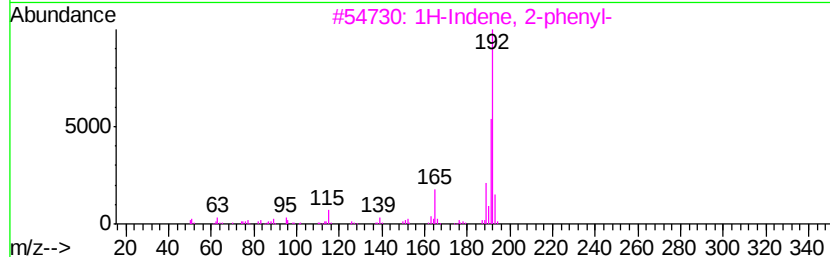
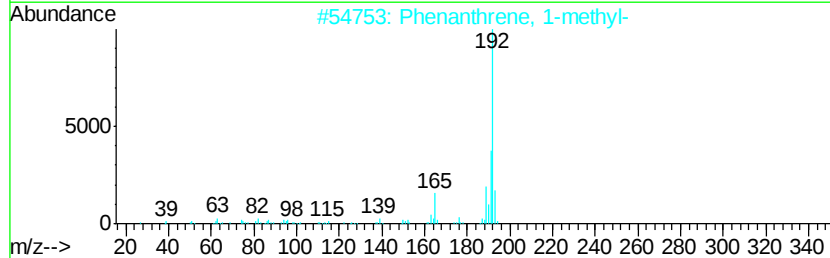
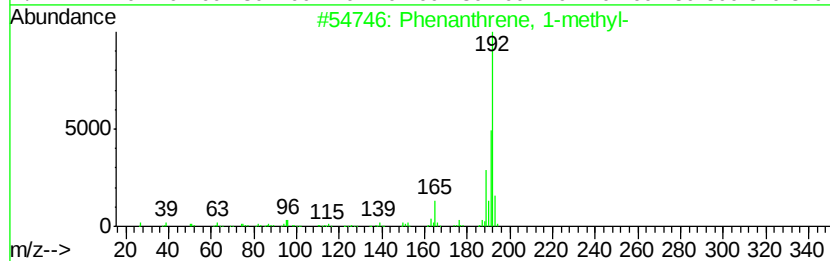
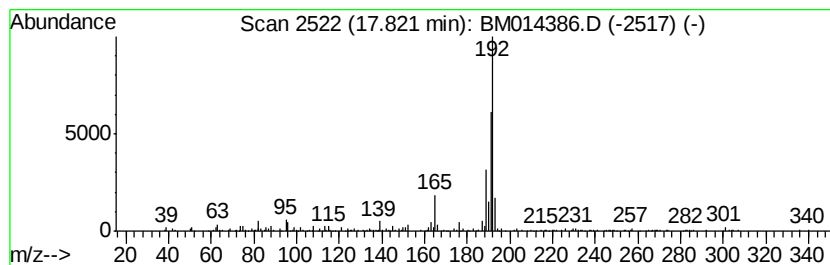
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	6.55 ng/ul	467293	Phenanthrene-d10	16.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
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Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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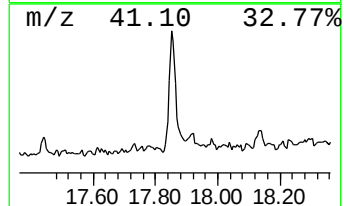
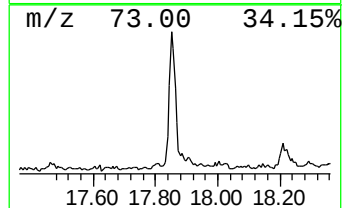
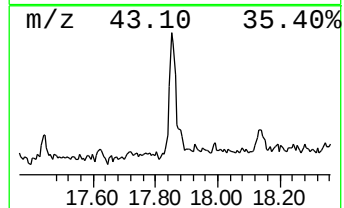
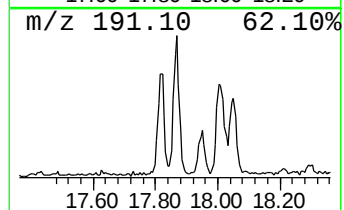
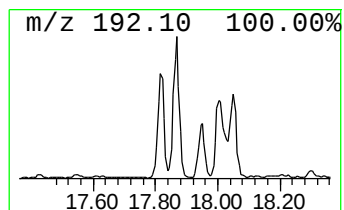
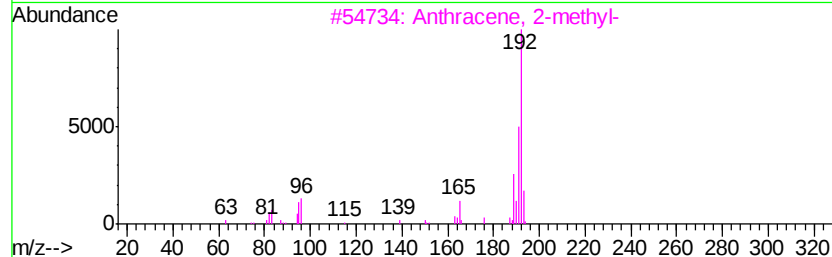
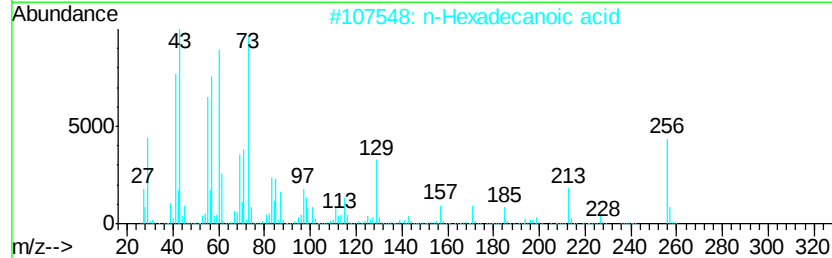
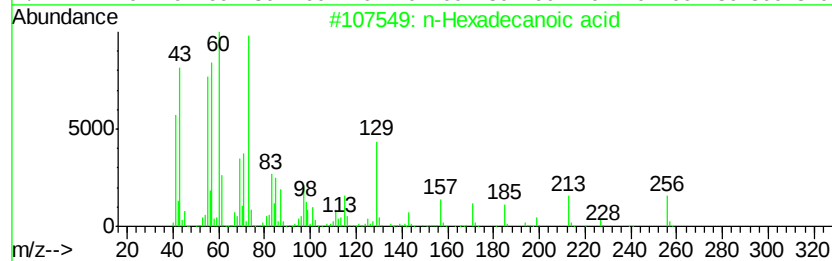
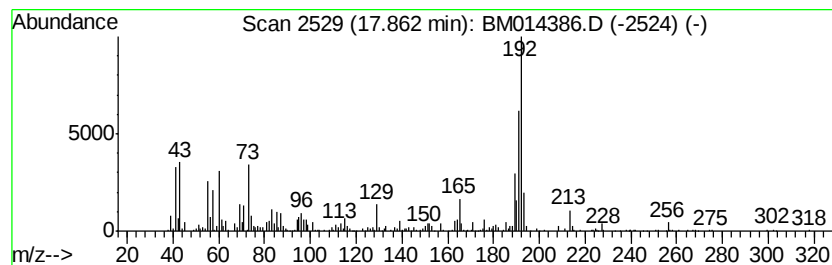
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	17.60 ng/ul	1254680	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	84
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	51



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
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Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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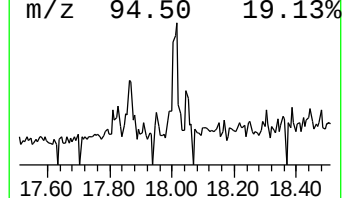
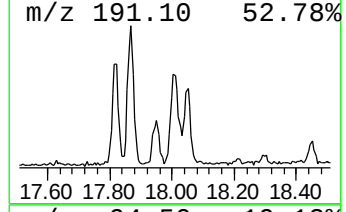
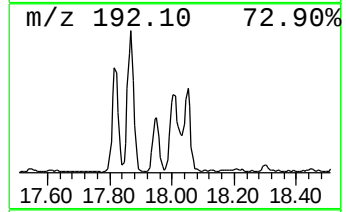
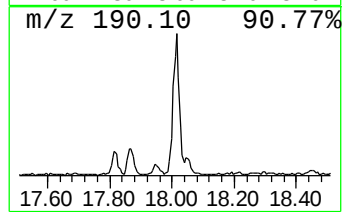
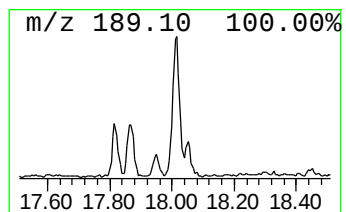
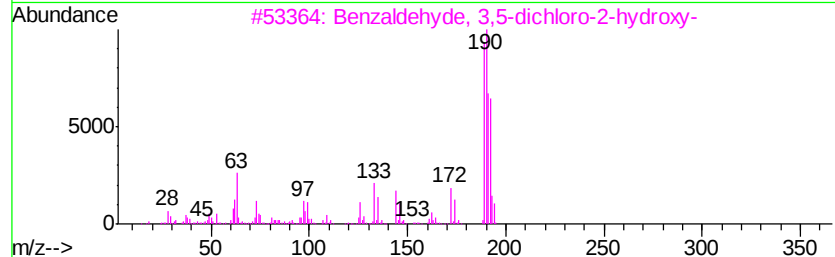
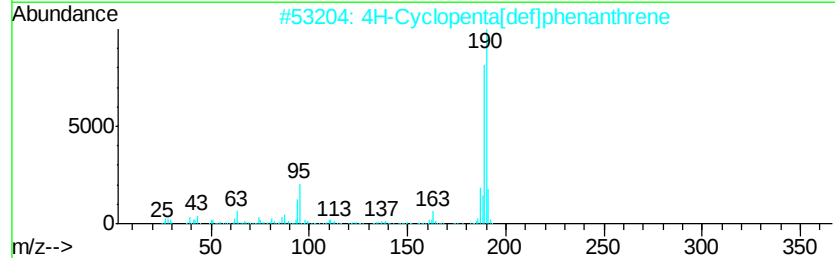
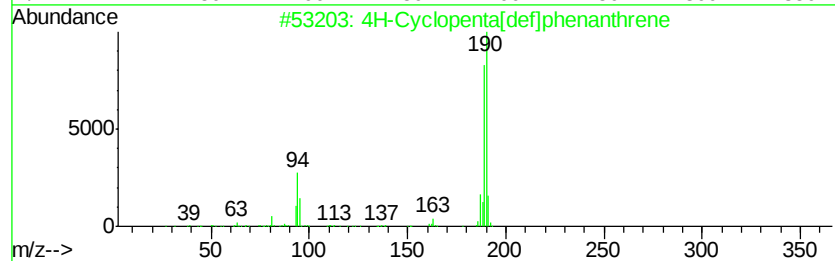
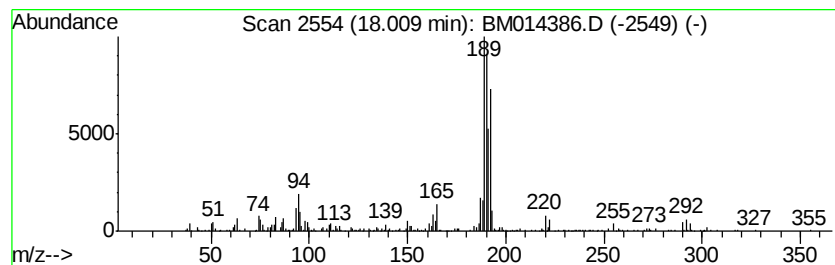
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	11.07 ng/ul	789246	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
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Misc :
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ClientSampleId :
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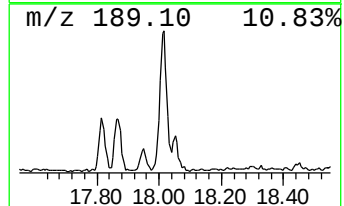
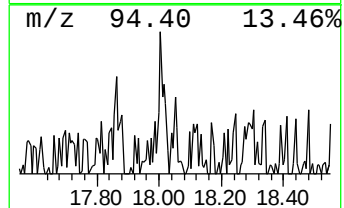
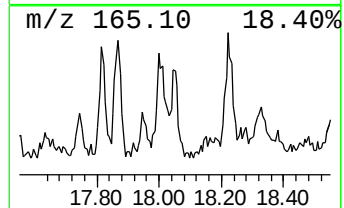
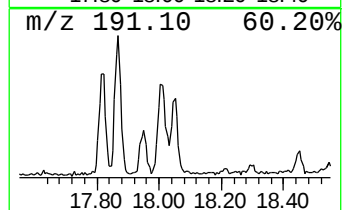
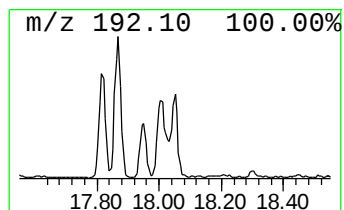
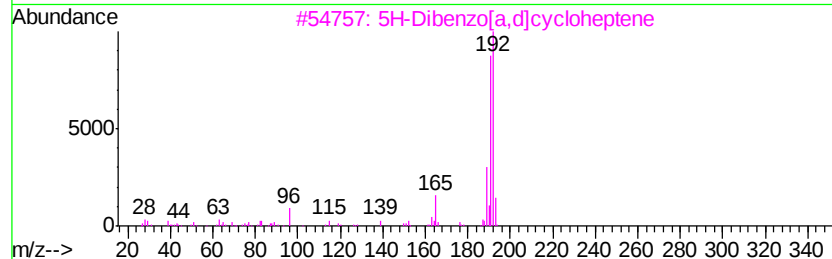
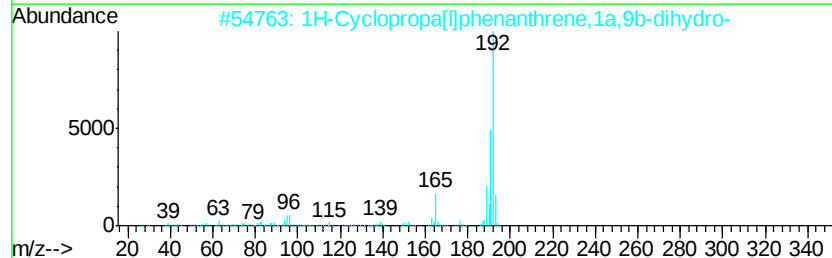
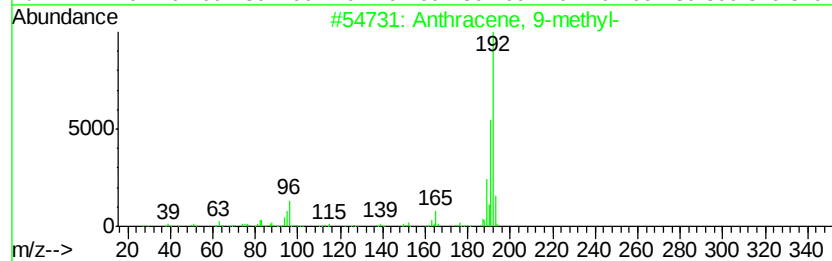
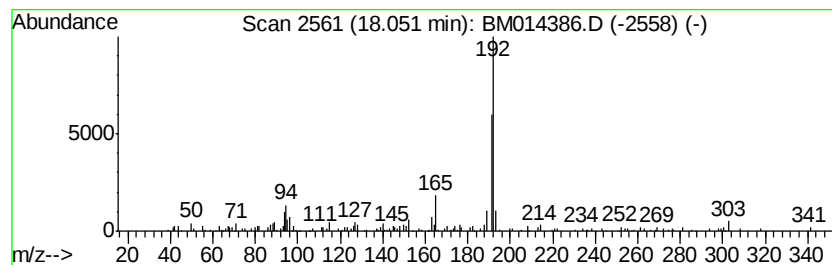
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.21 ng/ul	300406	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	70
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	68
4		1a,9b-Dihydro-1H-cyclopropa[1]an...	192	C15H12	006109-24-6	64
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
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ClientSampleId :
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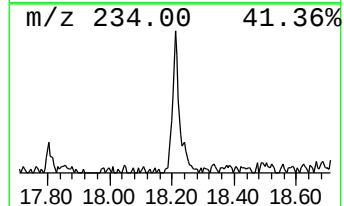
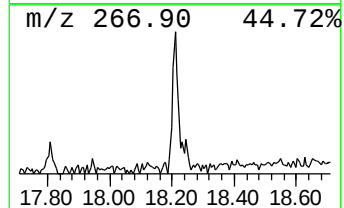
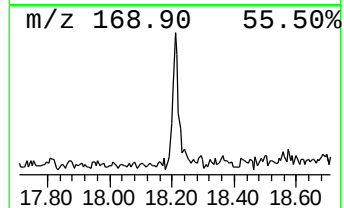
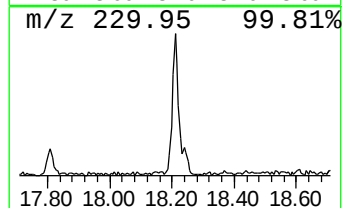
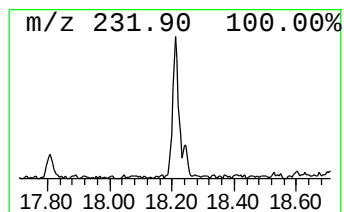
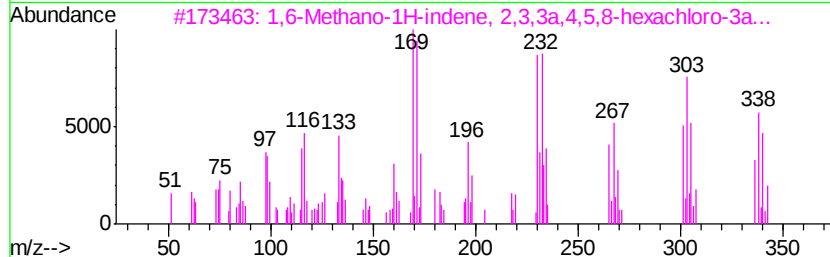
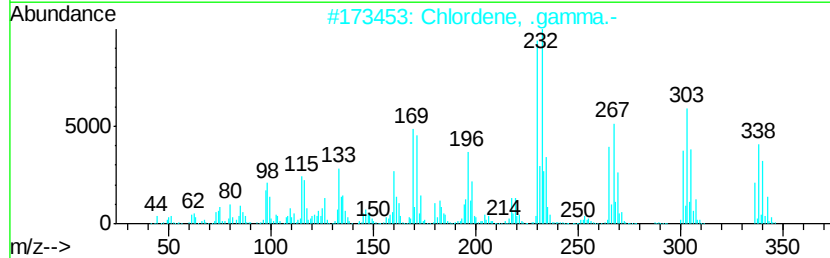
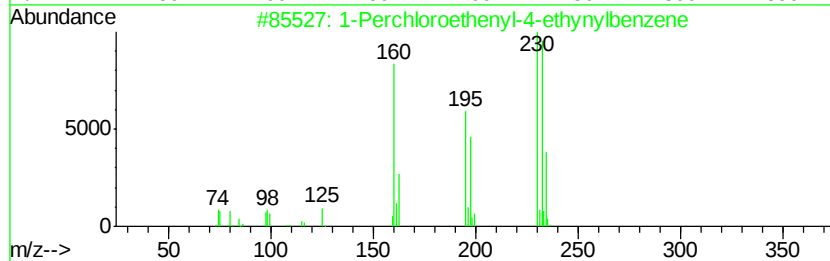
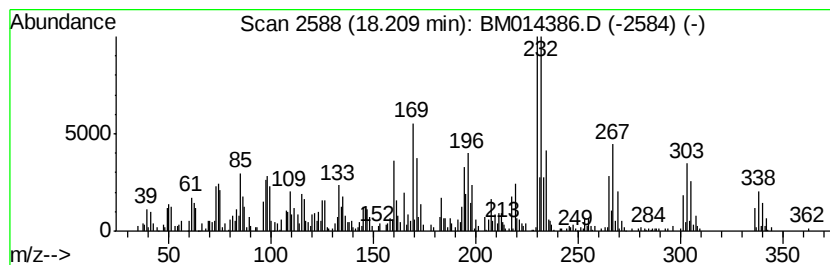
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Perchloroethenyl-4-ethyny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	15.47 ng/ul	1103080	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	90
2		Chlordene, .gamma.-	336	C10H6Cl6	1000378-50-6	86
3		1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	78
4		1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	74
5		1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	069743-73-3	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
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Sample : J1631-08
Misc :
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Instrument :
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ClientSampleId :
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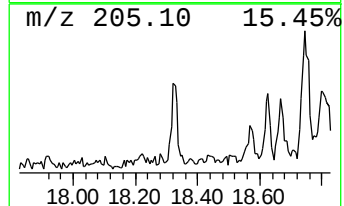
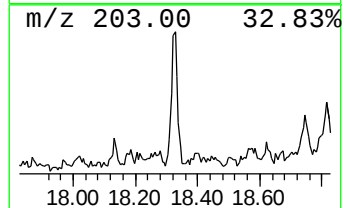
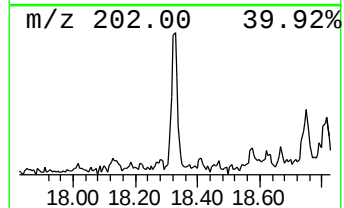
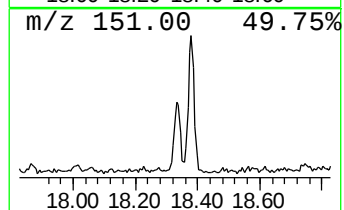
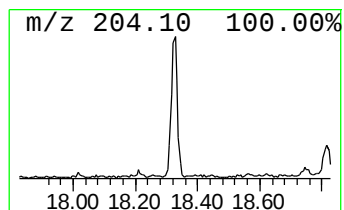
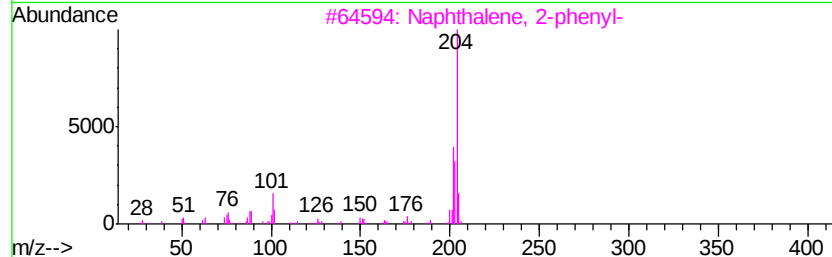
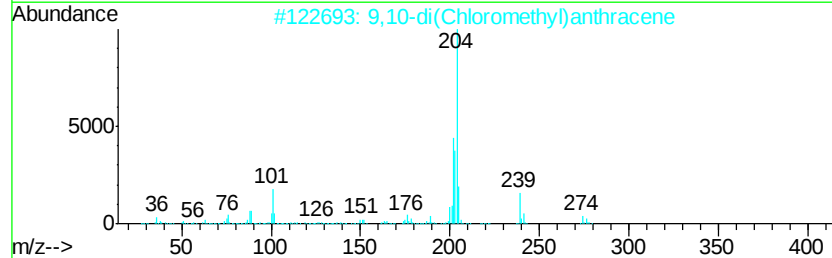
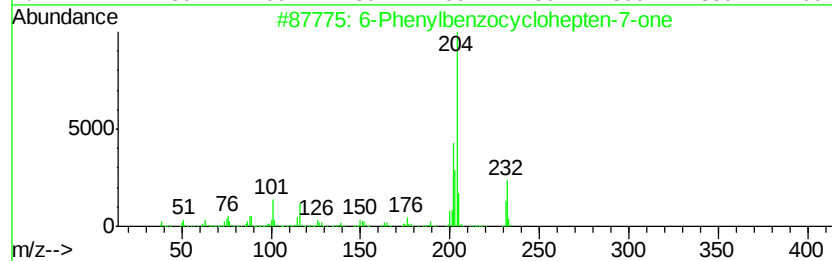
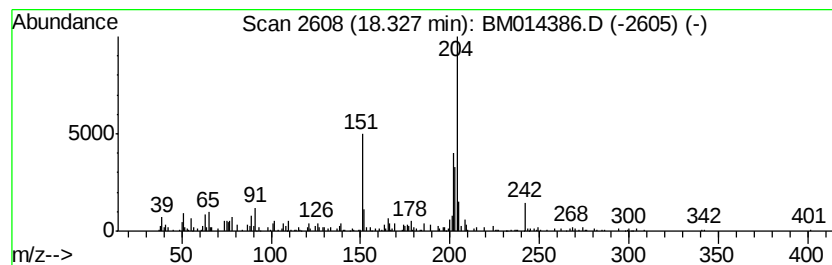
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 6-Phenylbenzocyclohepten-7-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.18 ng/ul	297955	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	50
2		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	50
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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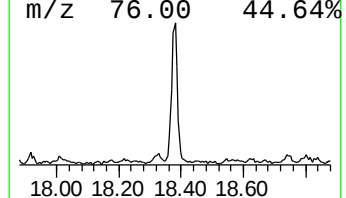
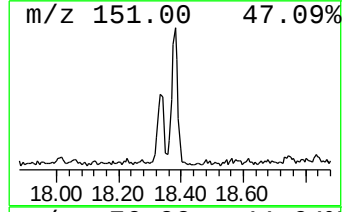
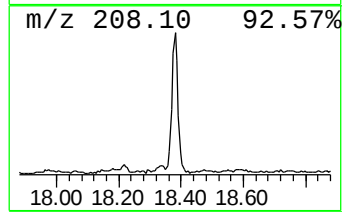
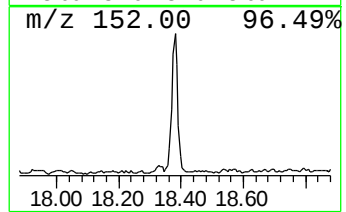
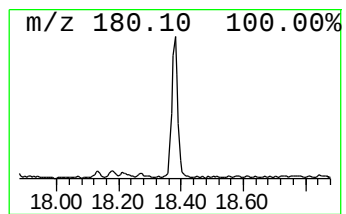
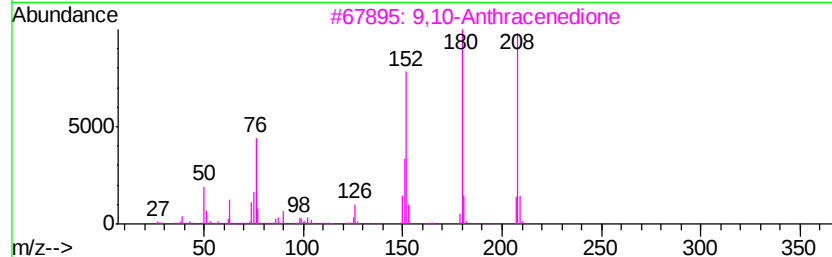
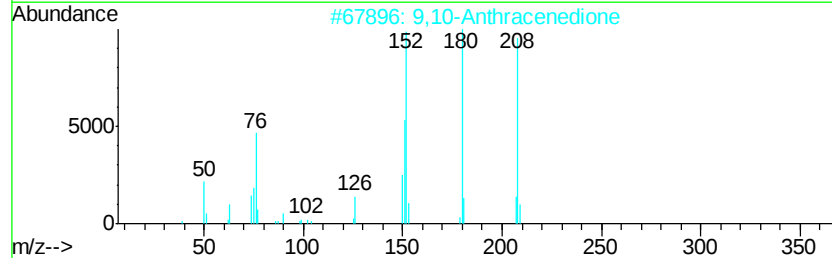
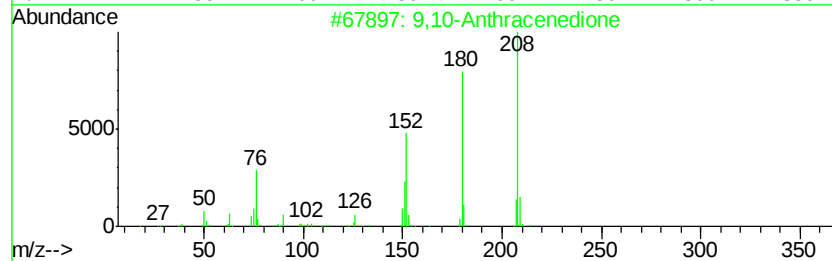
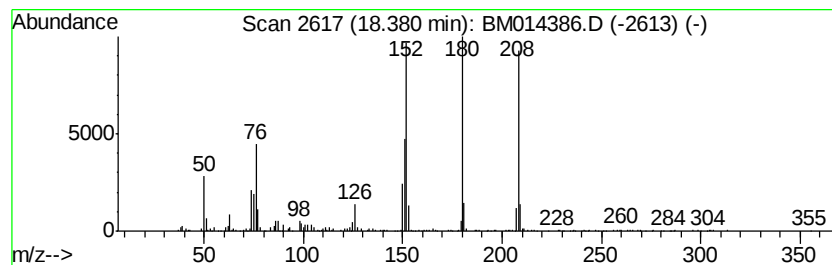
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	13.96 ng/ul	995286	Phenanthrene-d10	16.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	83
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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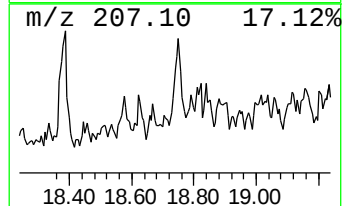
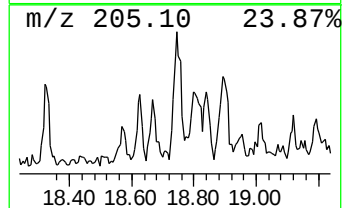
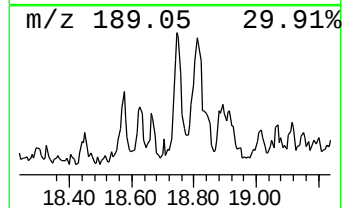
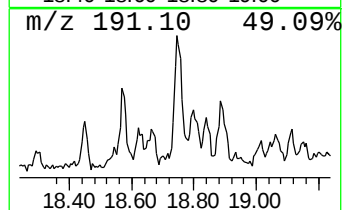
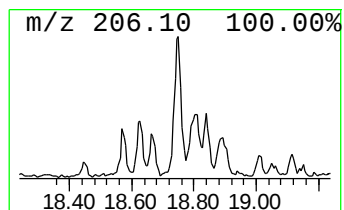
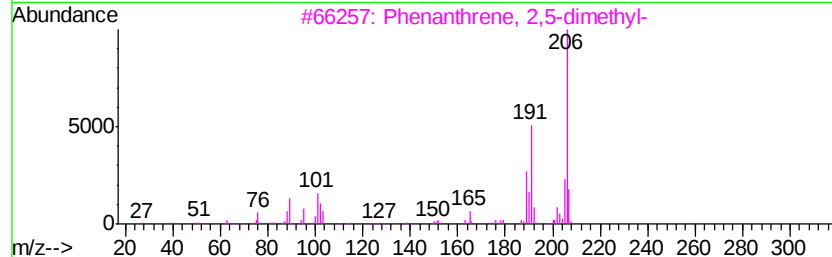
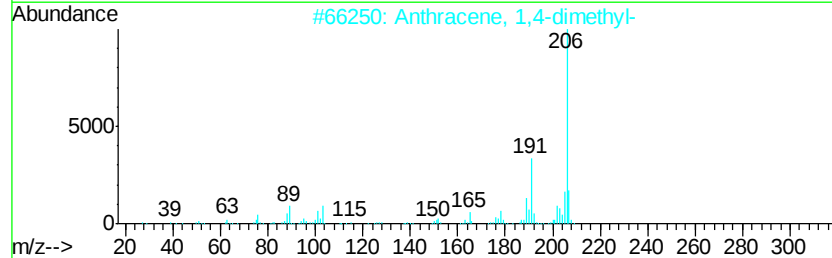
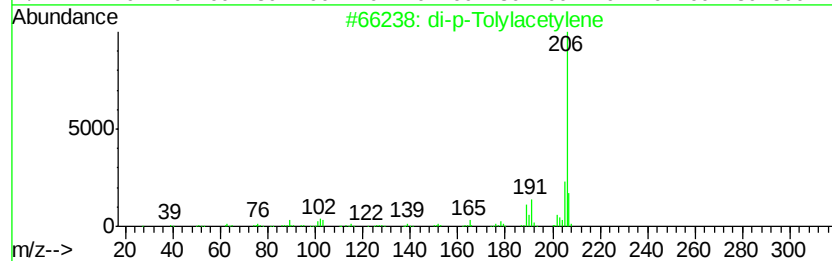
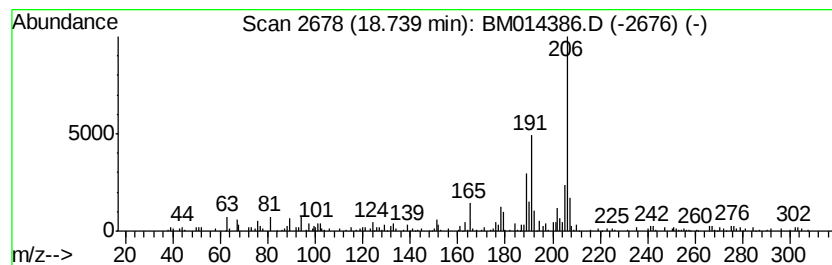
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	4.63 ng/ul	330105	Phenanthrene-d10	16.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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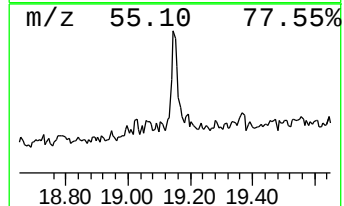
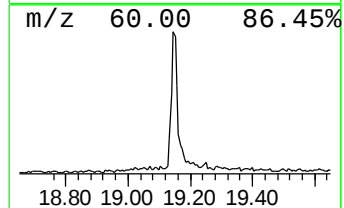
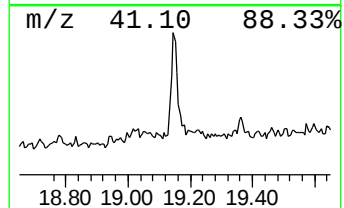
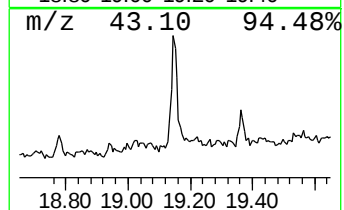
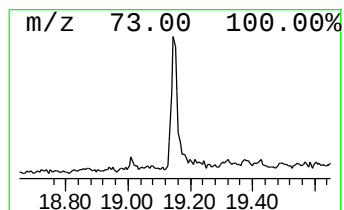
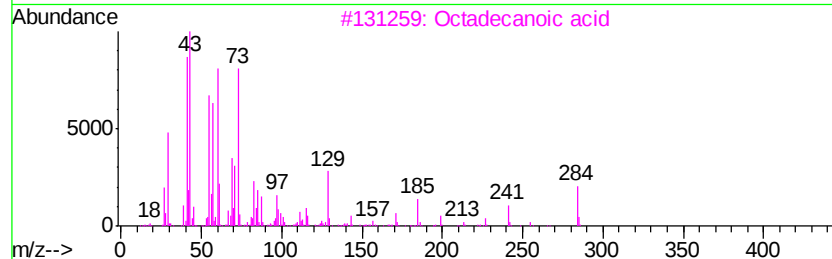
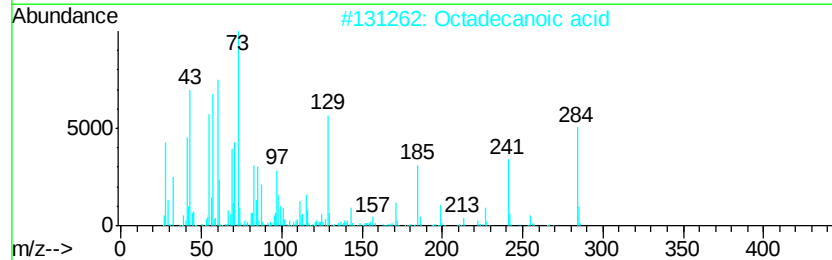
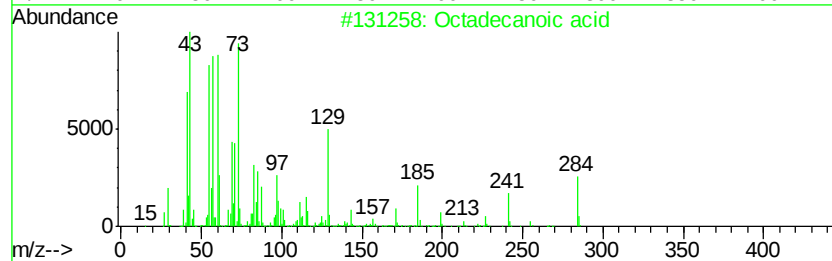
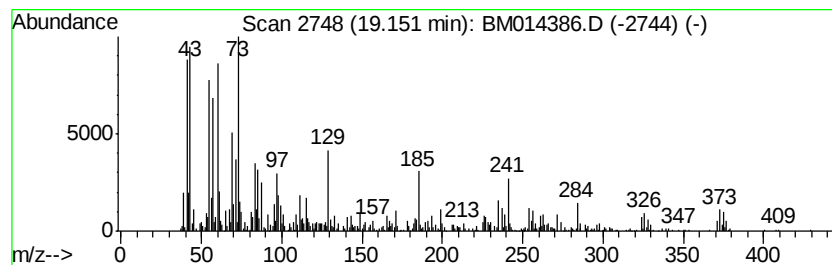
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	6.33 ng/ul	1442600	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	92
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
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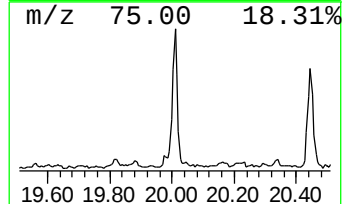
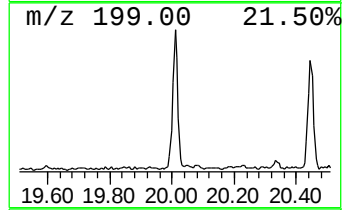
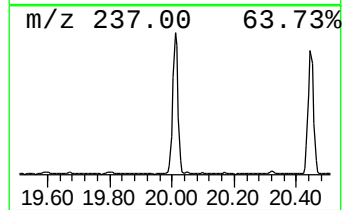
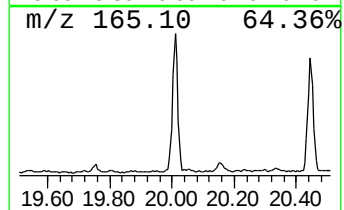
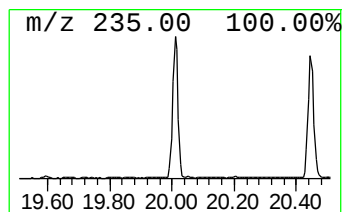
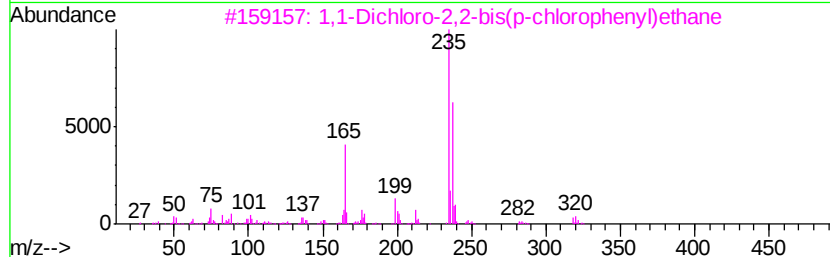
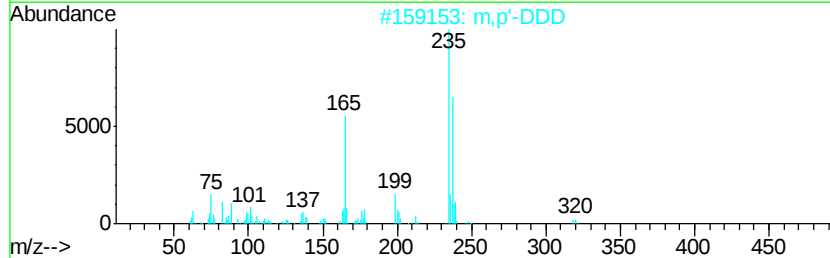
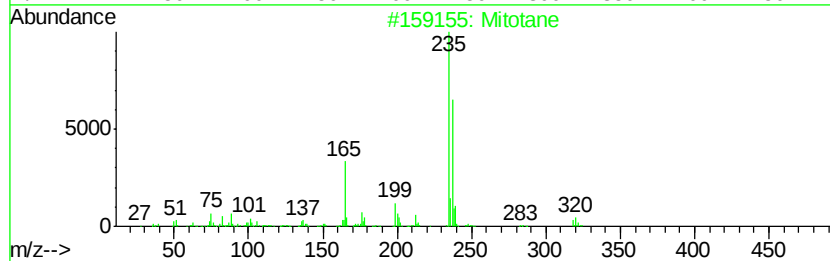
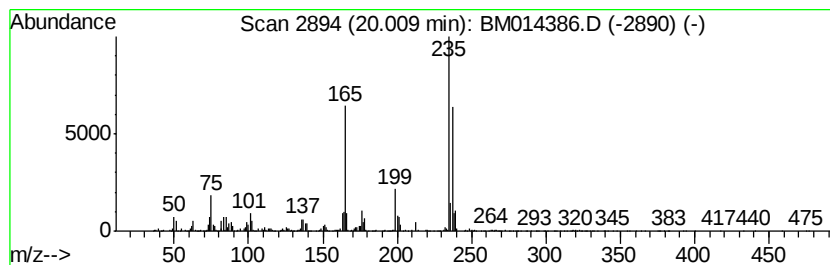
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Mitotane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	11.11 ng/ul	2533430	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	93
2		m,p'-DDD	318	C14H10Cl4	004329-12-8	91
3		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	90
4		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	89
5		2,2-Bis(4-chlorophenyl)acetic acid	280	C14H10Cl2O2	000083-05-6	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
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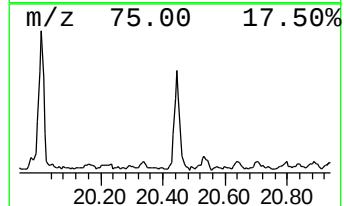
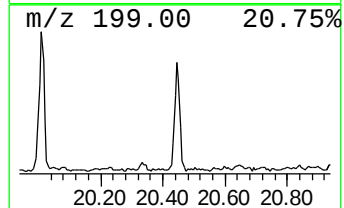
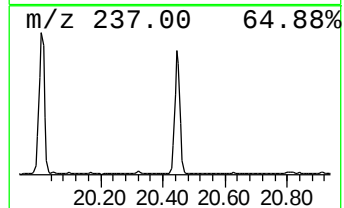
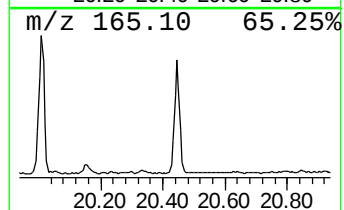
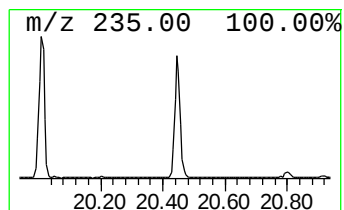
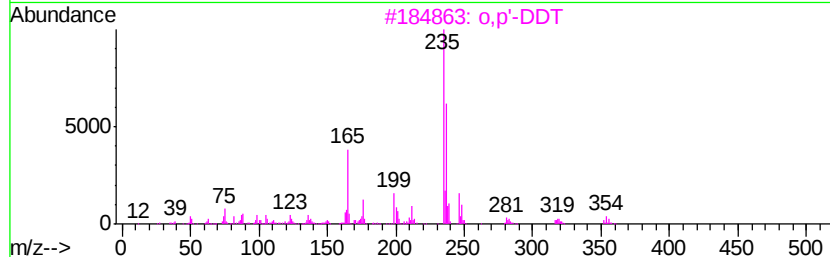
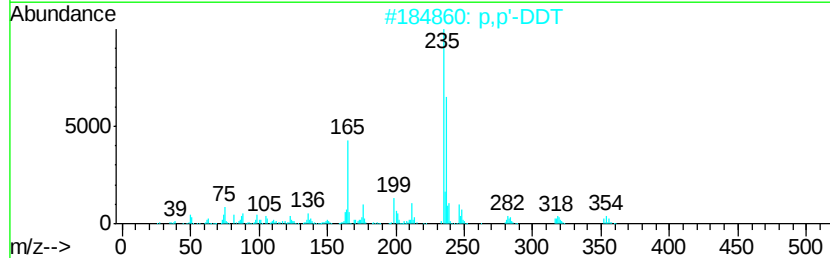
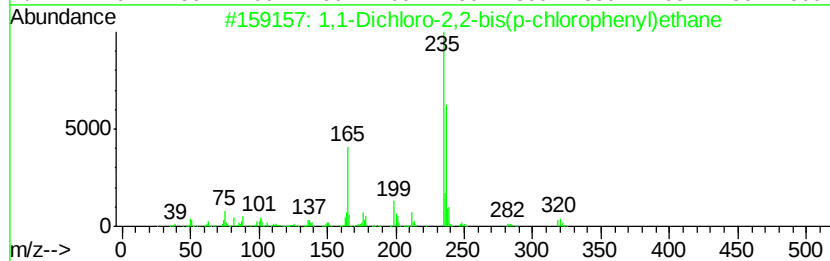
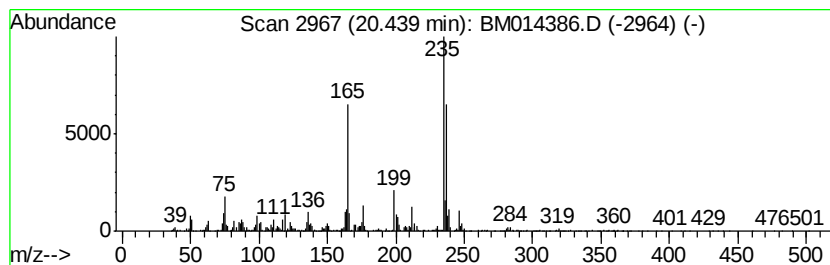
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	13.51 ng/ul	3080800	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	94
2		p,p'-DDT	352	C14H9Cl5	000050-29-3	91
3		o,p'-DDT	352	C14H9Cl5	000789-02-6	90
4		Mitotane	318	C14H10Cl4	000053-19-0	90
5		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y9

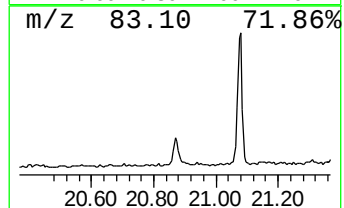
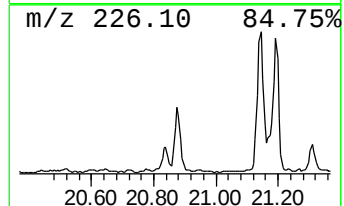
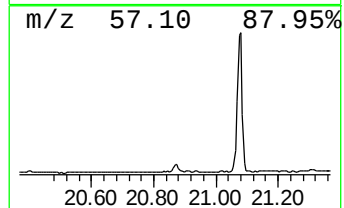
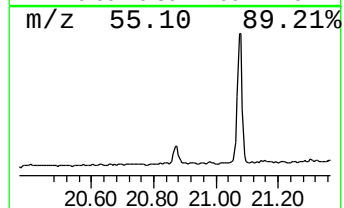
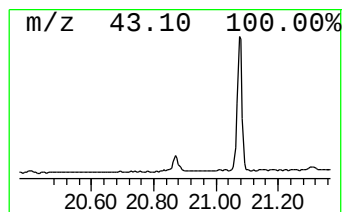
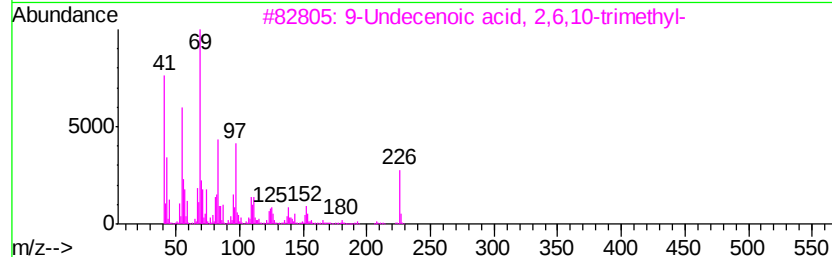
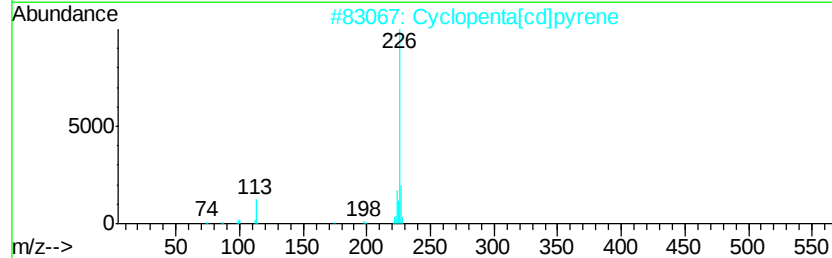
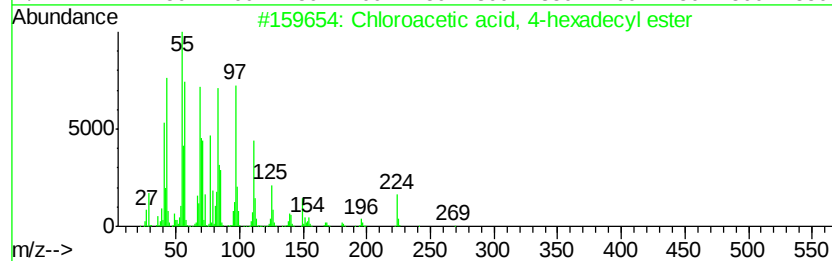
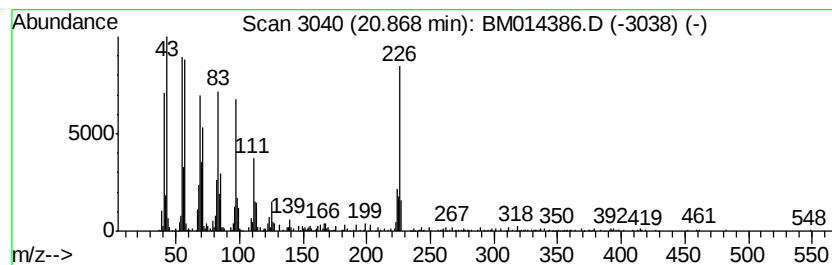
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.52 ng/ul	1259600	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chloroacetic acid, 4-hexadecyl e...	318	C18H35ClO2	1000282-93-2	45
2			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
3			9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	38
4			Diheptylisobutylamine	269	C18H39N	1000310-32-0	38
5			Cyclohexadecane	224	C16H32	000295-65-8	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
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ClientSampleId :
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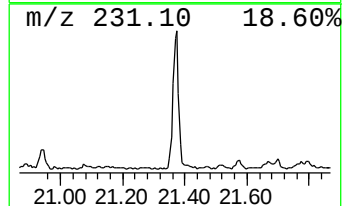
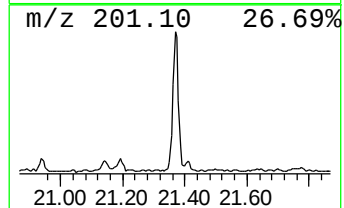
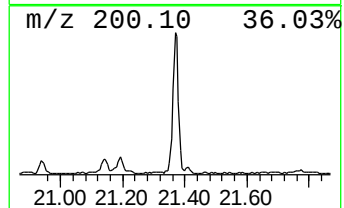
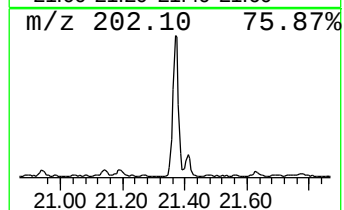
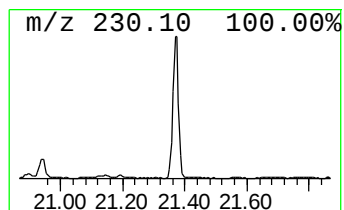
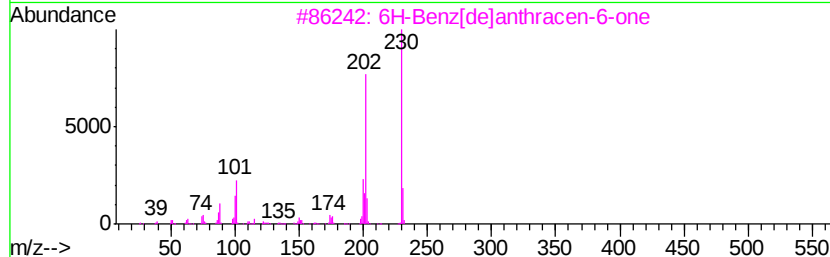
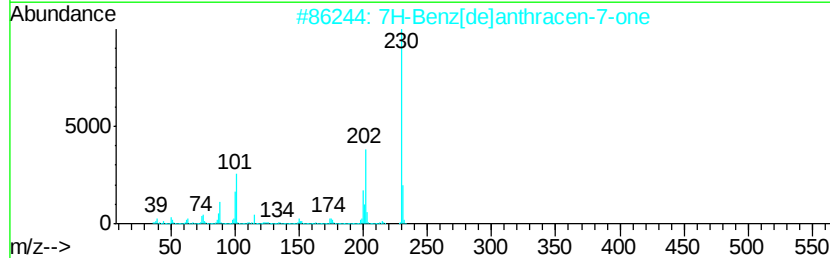
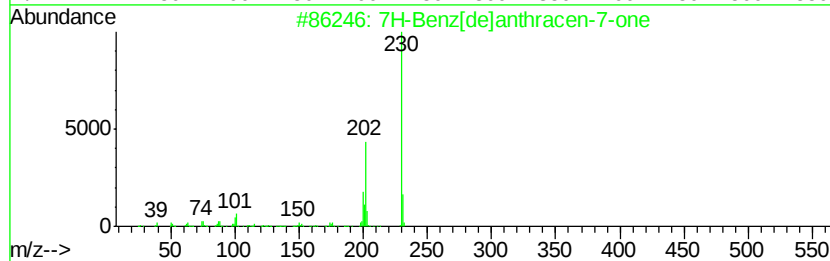
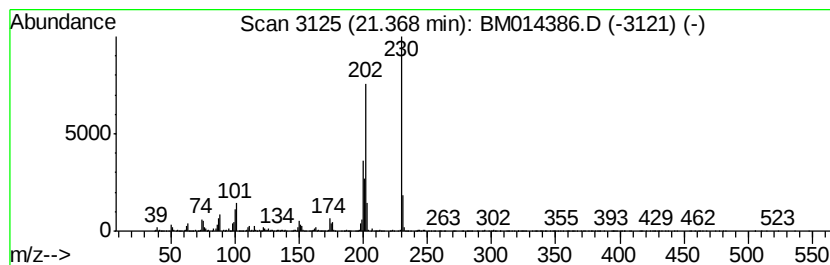
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 7H-Benz[de]anthracen-7-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	18.43 ng/ul	4203200	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	96
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	93



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Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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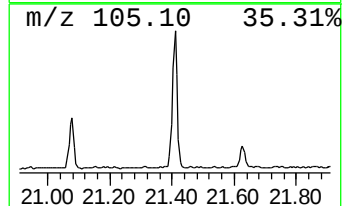
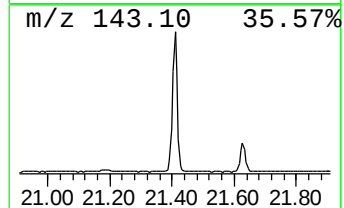
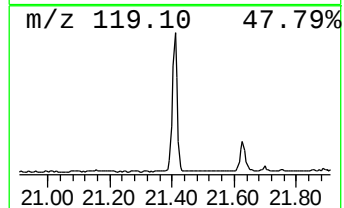
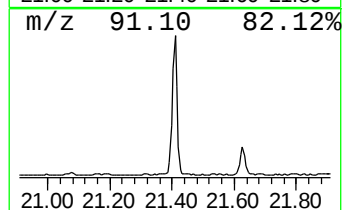
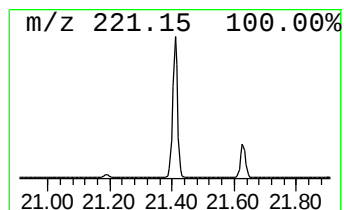
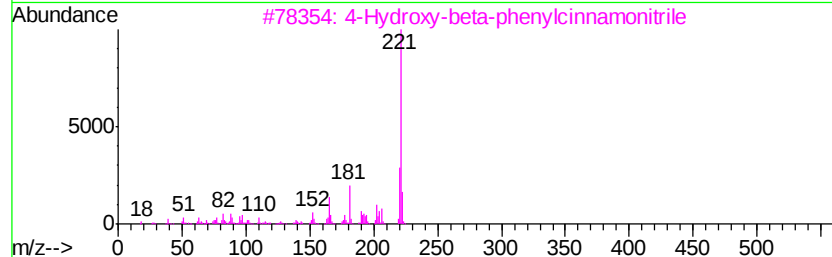
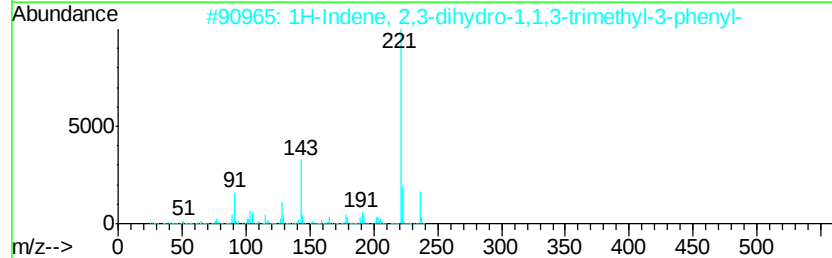
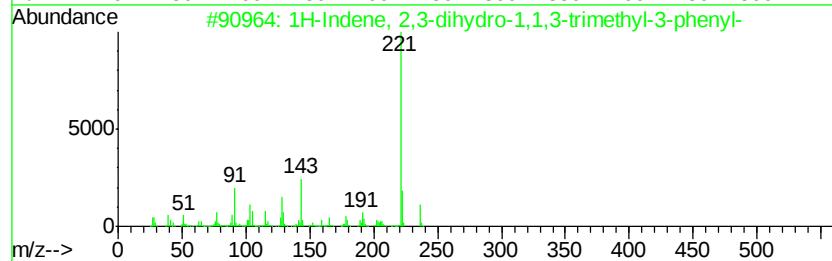
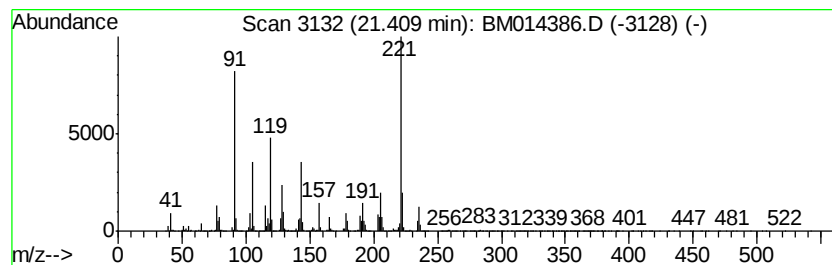
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	35.96 ng/ul	8200130	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	47
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	38
3		4-Hydroxy-beta-phenylcinnamitrile	221	C15H11NO	016281-90-6	35
4		4(1H)-Quinolinone, 2-phenyl-	221	C15H11NO	014802-18-7	35
5		Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

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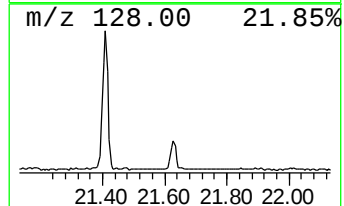
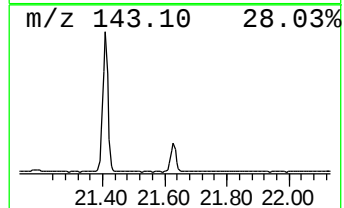
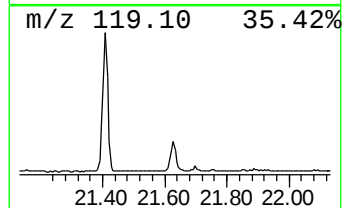
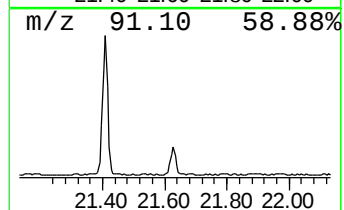
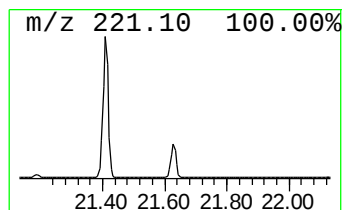
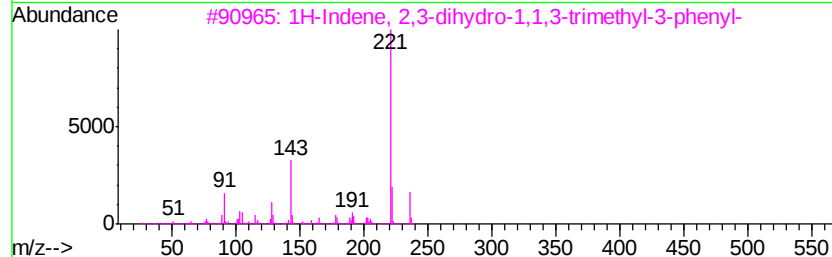
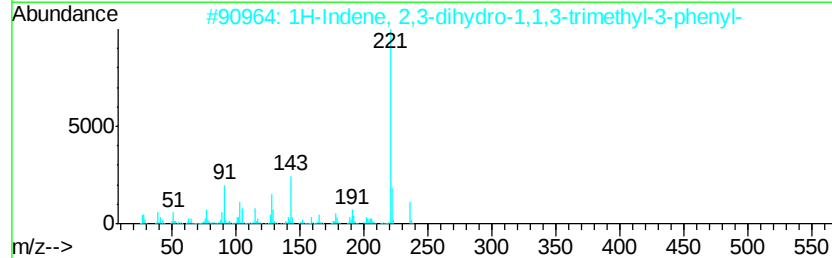
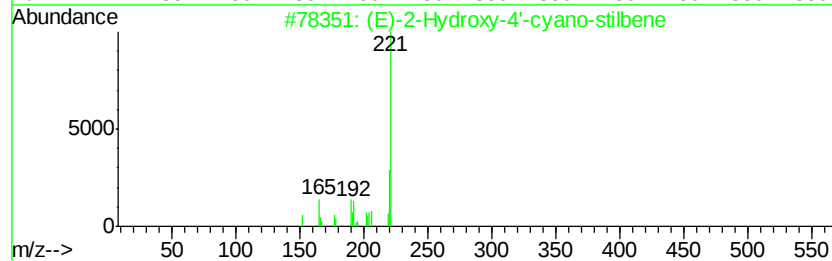
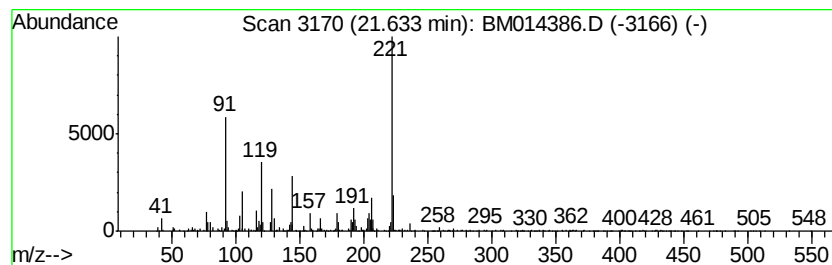
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (E)-2-Hydroxy-4'-cyano-stil... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	6.83 ng/ul	1558230	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-2-Hydroxy-4'-cyano-stilbene	221	C15H11NO	1000147-85-5	53
2			1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	52
3			1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	40
4			Pyrrodo[1,2-a]benzimidazole-4-car...	221	C14H11N3	016314-95-7	38
5			Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
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Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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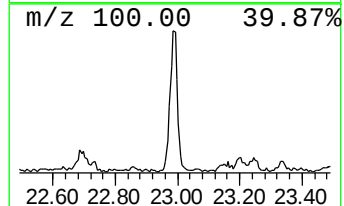
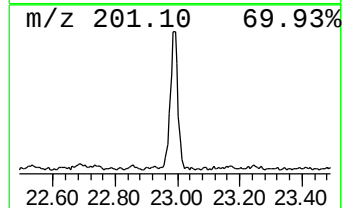
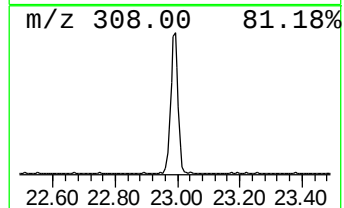
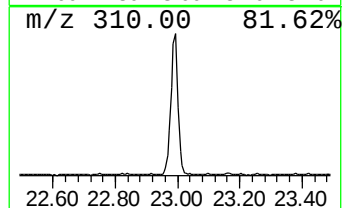
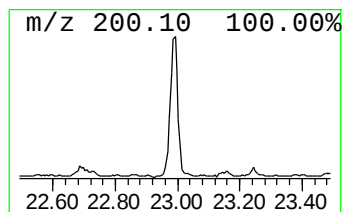
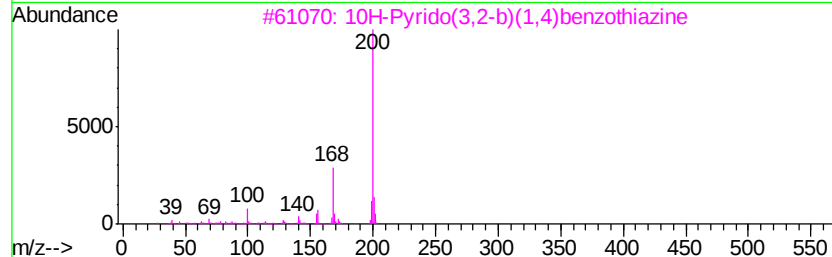
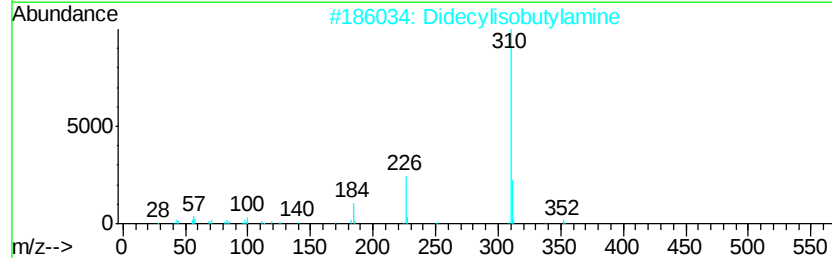
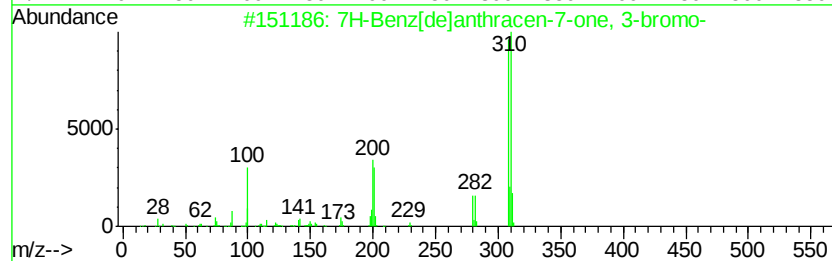
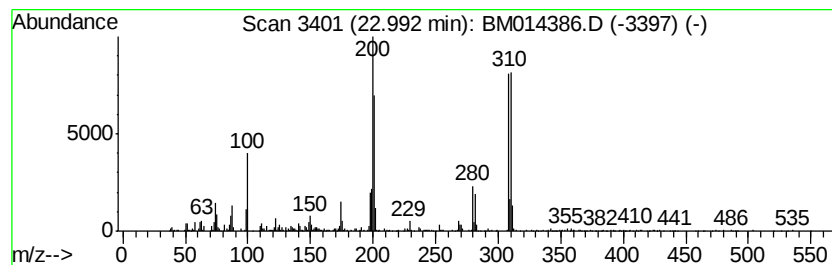
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 7H-Benz[de]anthracen-7-one,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	20.29 ng/ul	2281240	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one, 3-br...	308	C17H9BrO	000081-96-9	64
2		Didecylisobutylamine	353	C24H51N	1000310-32-4	15
3		10H-Pyrido(3,2-b)(1,4)benzothiazine	200	C11H8N2S	000261-96-1	14
4		4,6-Diamino-1-[3,4-dichloropheny...	308	C12H10Cl2N6	058791-63-2	12
5		13-Ethyl-17alpha-ethynyl-17beta-...	308	C21H24O2	1000234-44-4	11



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014386.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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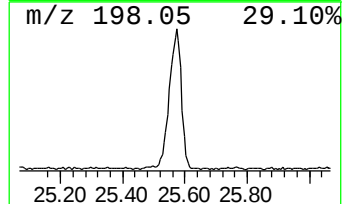
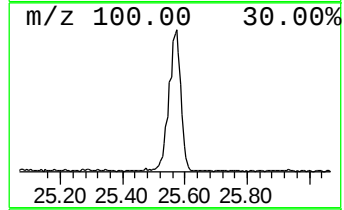
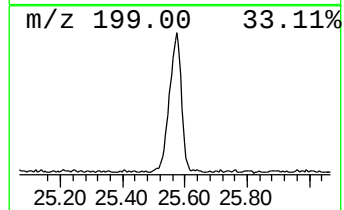
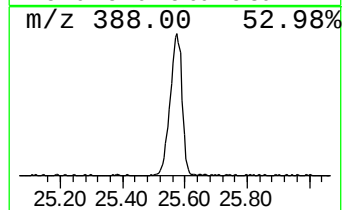
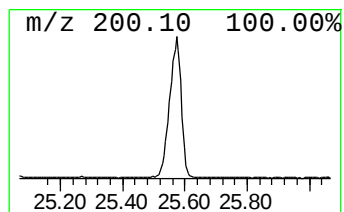
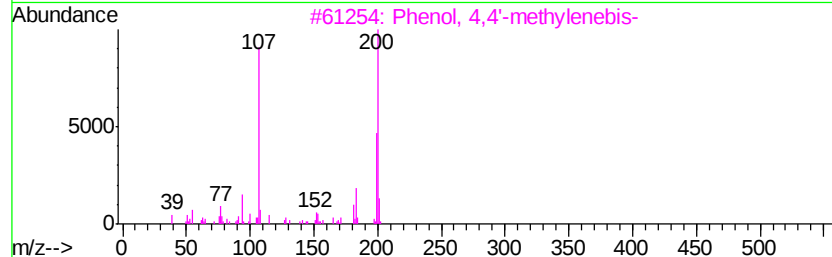
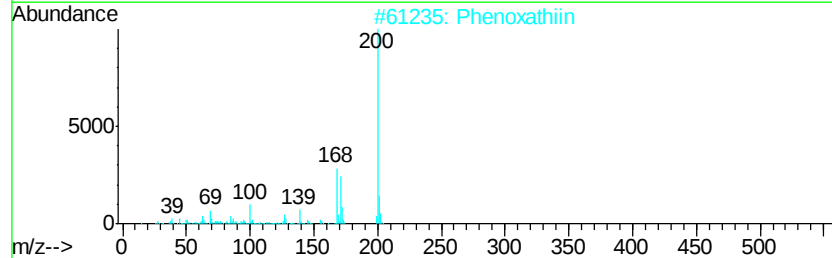
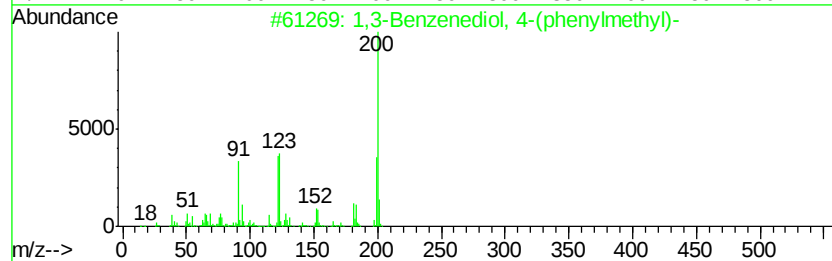
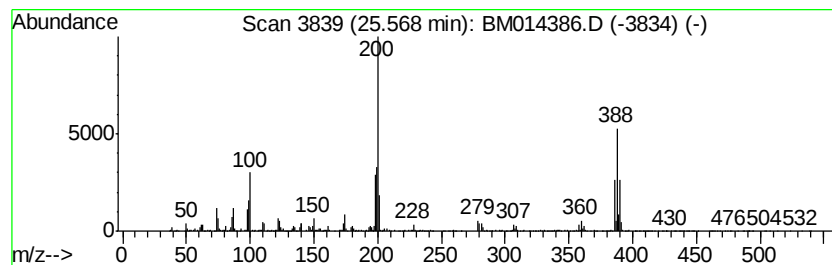
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	49.43 ng/ul	5557620	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenediol, 4-(phenylmethyl)-	200	C13H12O2	002284-30-2	27
2		Phenoxathiin	200	C12H8OS	000262-20-4	22
3		Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	16
4		l-Leucine, n-butoxycarbonyl-N-me...	287	C15H29NO4	1000321-88-2	16
5		l-Leucine, N-isobutoxycarbonyl-N...	357	C20H39NO4	1000321-87-4	16



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
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Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

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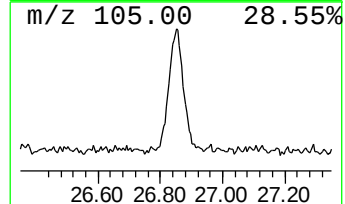
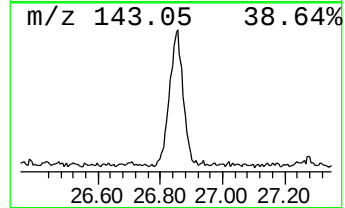
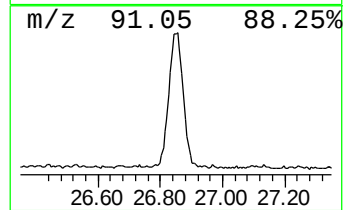
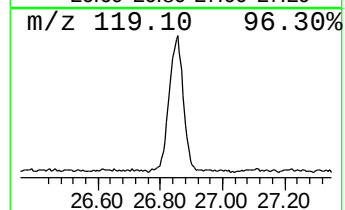
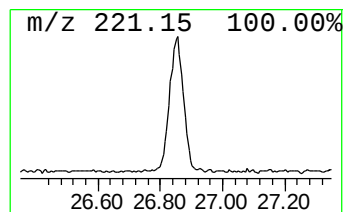
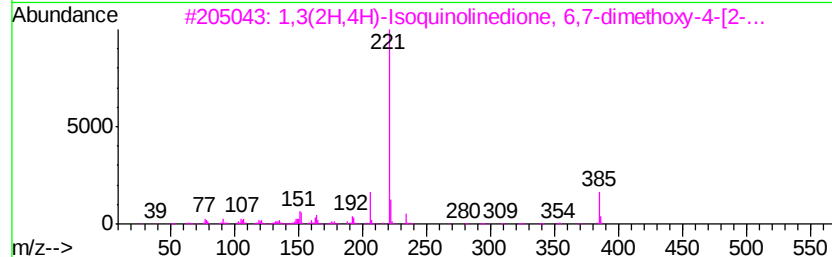
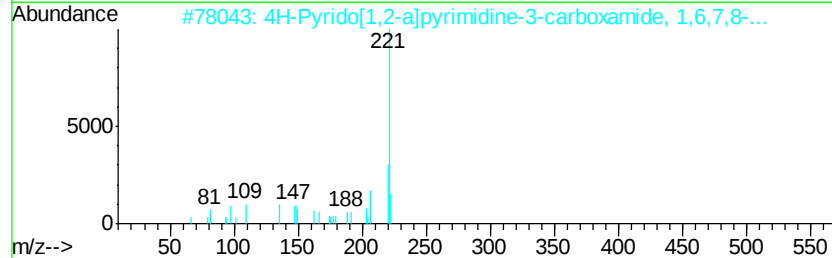
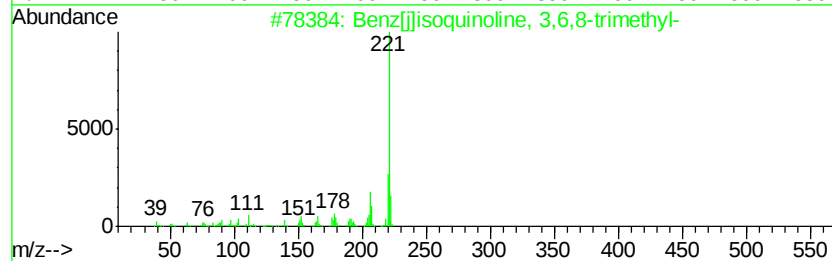
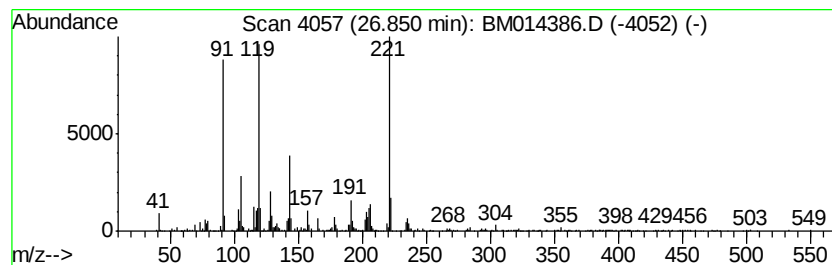
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.85	26.72 ng/ul	3003920	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[ilisoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	42
2		4H-Pyrido[1,2-a]pyrimidine-3-car...	221	C11H15N3O2	064399-29-7	30
3		1,3(2H,4H)-Isoquinolinedione, 6,...	385	C21H23N06	1000115-69-6	27
4		Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	27
5		1H-Naphtho[2,1-b]pyran-2-carboni...	388	C23H20N2O4	299198-80-4	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022718\
 Data File : BM014386.D
 Acq On : 27 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,3-...	13.49	2.6	ng/ul	178033	3	14.18	1363390	20.0
(DEL) Alkane: Str...	14.08	2.5	ng/ul	168499	3	14.18	1363390	20.0
(DEL) Alkane: Str...	15.91	4.7	ng/ul	332811	4	16.94	1426160	20.0
unknown-01	16.24	2.4	ng/ul	173995	4	16.94	1426160	20.0
Naphtho[1,2-b]thi...	16.76	3.0	ng/ul	214852	4	16.94	1426160	20.0
1,4-Bis(trimethyl...	17.14	2.5	ng/ul	174688	4	16.94	1426160	20.0
Methane, bis(p-ch...	17.46	4.4	ng/ul	312033	4	16.94	1426160	20.0
Phenanthrene, 1-m...	17.82	6.5	ng/ul	467293	4	16.94	1426160	20.0
n-Hexadecanoic acid	17.86	17.6	ng/ul	1254680	4	16.94	1426160	20.0
4H-Cyclopenta[def...	18.01	11.1	ng/ul	789246	4	16.94	1426160	20.0
Anthracene, 9-met...	18.05	4.2	ng/ul	300406	4	16.94	1426160	20.0
1-Perchloroetheny...	18.21	15.5	ng/ul	1103080	4	16.94	1426160	20.0
6-Phenylbenzocycl...	18.33	4.2	ng/ul	297955	4	16.94	1426160	20.0
9,10-Anthracenedione	18.38	14.0	ng/ul	995286	4	16.94	1426160	20.0
di-p-Tolylacetylene	18.74	4.6	ng/ul	330105	4	16.94	1426160	20.0
Octadecanoic acid	19.15	6.3	ng/ul	1442600	5	21.16	4561210	20.0
Mitotane	20.01	11.1	ng/ul	2533430	5	21.16	4561210	20.0
1,1-Dichloro-2,2-...	20.44	13.5	ng/ul	3080800	5	21.16	4561210	20.0
unknown-02	20.87	5.5	ng/ul	1259600	5	21.16	4561210	20.0
7H-Benz[de]anthra...	21.37	18.4	ng/ul	4203200	5	21.16	4561210	20.0
unknown-03	21.41	36.0	ng/ul	8200130	5	21.16	4561210	20.0
(E)-2-Hydroxy-4'-...	21.63	6.8	ng/ul	1558230	5	21.16	4561210	20.0
7H-Benz[de]anthra...	22.99	20.3	ng/ul	2281240	6	23.34	2248830	20.0
unknown-04	25.57	49.4	ng/ul	5557620	6	23.34	2248830	20.0
unknown-05	26.85	26.7	ng/ul	3003920	6	23.34	2248830	20.0