

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014760.D
 Acq On : 20 Apr 2018 12:41
 Operator : SJ/JU
 Sample : J2434-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

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-BM041918.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	3.669	11	14	23	rVB	80823	118254	1.19%	0.095%
2	4.263	110	115	124	rVB2	140292	204198	2.06%	0.165%
3	5.516	323	328	337	rVB3	122528	203532	2.05%	0.164%
4	7.181	606	611	619	rVB	259188	416853	4.20%	0.336%
5	7.663	686	693	705	rVB2	1233052	2316371	23.35%	1.867%
6	7.840	711	723	736	rBV2	964023	1879901	18.95%	1.515%
7	7.969	737	745	753	rVB	356154	592216	5.97%	0.477%
8	8.057	753	760	768	rBV	1219380	2063024	20.80%	1.663%
9	8.545	835	843	856	rVB	1193276	1990445	20.06%	1.605%
10	8.757	872	879	886	rBV	1590348	2526108	25.46%	2.036%
11	9.240	953	961	969	rBV	1301093	2156143	21.73%	1.738%
12	9.722	1036	1043	1050	rBV	1159246	1930175	19.46%	1.556%
13	10.457	1155	1168	1178	rBV	869688	1532862	15.45%	1.236%
14	10.992	1251	1259	1272	rBV	1540308	2542119	25.63%	2.049%
15	11.386	1318	1326	1334	rBV	1572622	2742704	27.65%	2.211%
16	11.510	1340	1347	1361	rBV	1212431	2152458	21.70%	1.735%
17	13.516	1681	1688	1694	rBV	110494	165594	1.67%	0.133%
18	14.022	1765	1774	1780	rBV	576515	846510	8.53%	0.682%
19	14.469	1845	1850	1854	rBV2	75471	108425	1.09%	0.087%
20	14.533	1854	1861	1865	rVV	2626939	3688453	37.18%	2.973%
21	14.580	1865	1869	1874	rVB	377624	557136	5.62%	0.449%
22	14.845	1907	1914	1925	rBV	3151978	4622576	46.60%	3.727%
23	14.992	1934	1939	1945	rVB	224080	302935	3.05%	0.244%
24	15.092	1948	1956	1959	rBV	505859	785319	7.92%	0.633%
25	15.145	1959	1965	1971	rVB2	2126895	3463553	34.91%	2.792%
26	15.292	1985	1990	1999	rBV	998349	1459637	14.71%	1.177%
27	15.533	2027	2031	2037	rVB	73088	120779	1.22%	0.097%
28	15.727	2058	2064	2073	rBV2	332413	596250	6.01%	0.481%
29	15.886	2085	2091	2094	rBV2	96418	153646	1.55%	0.124%
30	15.933	2094	2099	2104	rVB	231680	313489	3.16%	0.253%
31	15.998	2105	2110	2115	rBV2	85617	131019	1.32%	0.106%
32	16.121	2124	2131	2136	rBV	3799361	5618114	56.63%	4.529%
33	16.174	2136	2140	2142	rVV2	94769	135583	1.37%	0.109%
34	16.216	2142	2147	2156	rVB	829639	1154121	11.63%	0.930%

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35	16.321	2158	2165	2178	rBV	1057804	1584283	15.97%	1.277%
36	16.463	2180	2189	2196	rVV	7668986	9920151	100.00%	7.997%
37	16.780	2239	2243	2258	rVB	215331	366453	3.69%	0.295%
38	17.404	2346	2349	2355	rVB5	58321	104437	1.05%	0.084%
39	17.563	2372	2376	2382	rBV2	130446	187205	1.89%	0.151%
40	17.857	2419	2426	2430	rBV	2620003	3956740	39.89%	3.190%
41	17.898	2430	2433	2437	rVB	1177245	1495838	15.08%	1.206%
42	17.951	2437	2442	2447	rBV	4059667	5880251	59.28%	4.740%
43	18.680	2561	2566	2570	rBV	801142	1102918	11.12%	0.889%
44	18.757	2575	2579	2588	rVB2	216353	337941	3.41%	0.272%
45	18.833	2588	2592	2597	rBV	77591	105296	1.06%	0.085%
46	18.904	2598	2604	2608	rBV3	198690	394989	3.98%	0.318%
47	19.186	2648	2652	2656	rBV	133872	183201	1.85%	0.148%
48	19.515	2704	2708	2714	rBV2	153152	202721	2.04%	0.163%
49	19.592	2717	2721	2726	rBV2	68912	121919	1.23%	0.098%
50	19.680	2731	2736	2741	rVV	3041703	3560941	35.90%	2.871%
51	19.739	2742	2746	2750	rBV2	100728	163718	1.65%	0.132%
52	19.857	2761	2766	2772	rVB	2106836	2825166	28.48%	2.278%
53	19.915	2772	2776	2786	rBV4	422237	691816	6.97%	0.558%
54	20.027	2790	2795	2800	rVV	2394351	2727770	27.50%	2.199%
55	20.186	2813	2822	2826	rBV	4909087	8091129	81.56%	6.523%
56	20.374	2850	2854	2860	rVB2	1054402	1221383	12.31%	0.985%
57	20.498	2872	2875	2882	rBV6	148288	371331	3.74%	0.299%
58	20.556	2882	2885	2887	rVB2	102612	114837	1.16%	0.093%
59	20.633	2895	2898	2900	rBV3	96280	135162	1.36%	0.109%
60	20.692	2904	2908	2912	rVB	237859	352551	3.55%	0.284%
61	20.845	2930	2934	2940	rVB2	900024	1095785	11.05%	0.883%
62	21.015	2960	2963	2972	rVB6	288310	466563	4.70%	0.376%
63	21.203	2991	2995	3000	rBV	733873	837142	8.44%	0.675%
64	21.321	3009	3015	3028	rBV	4709739	7397195	74.57%	5.963%
65	21.592	3057	3061	3069	rVB3	792071	1118538	11.28%	0.902%
66	21.803	3094	3097	3105	rVB2	256277	334536	3.37%	0.270%
67	21.939	3113	3120	3124	rBV2	3420063	6045568	60.94%	4.874%
68	21.974	3124	3126	3130	rVB	616200	821055	8.28%	0.662%
69	22.686	3244	3247	3255	rVB3	499880	861384	8.68%	0.694%
70	22.809	3265	3268	3274	rVB	567454	785789	7.92%	0.633%
71	24.280	3512	3518	3523	rBV2	2602359	4864366	49.04%	3.921%

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72	24.439	3539	3545	3551	rVB	1853517	3626524	36.56%	2.924%
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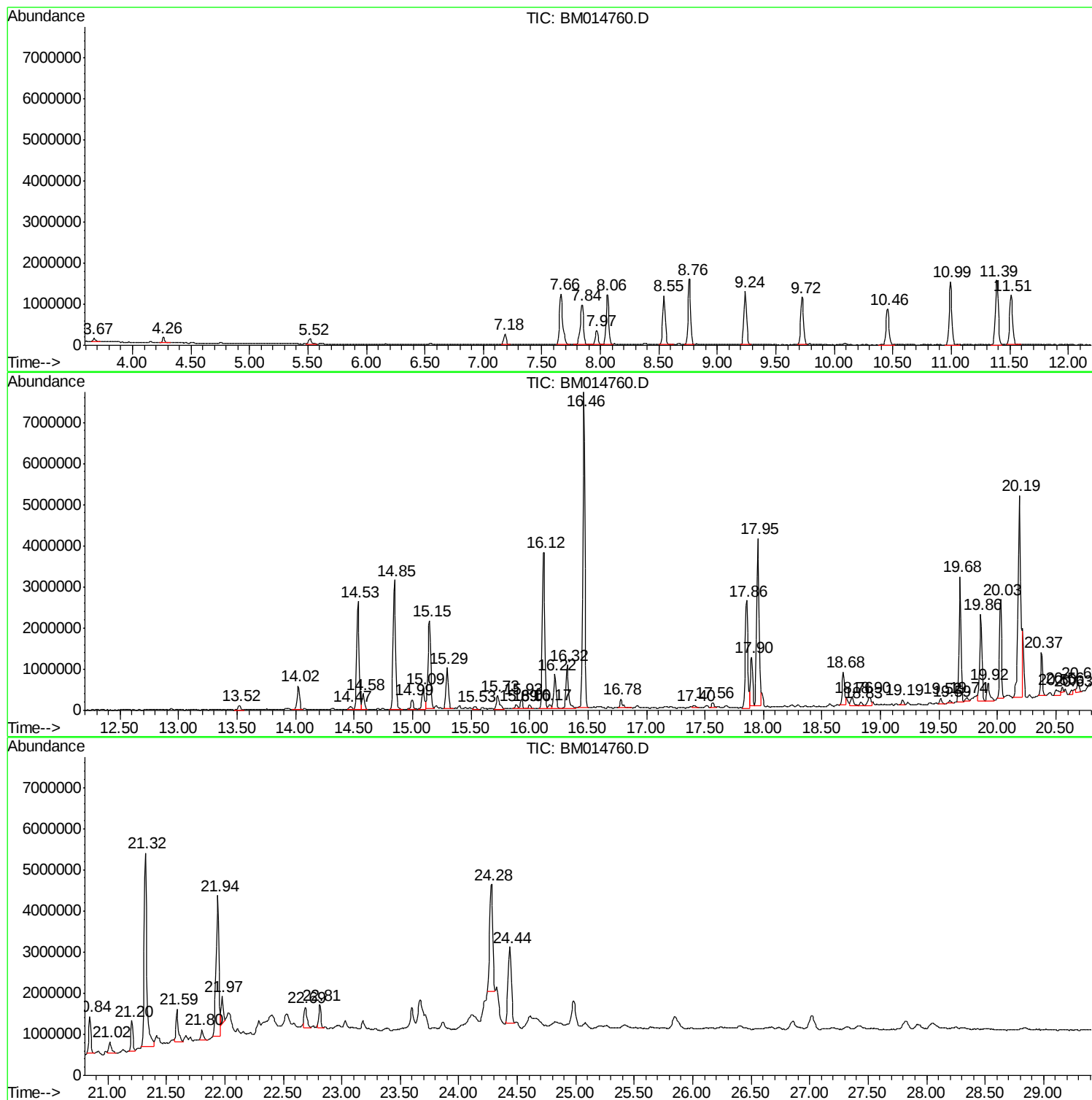
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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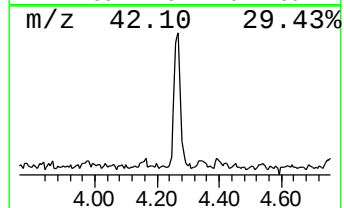
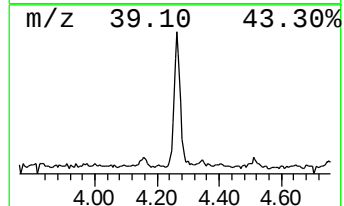
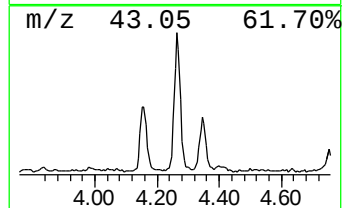
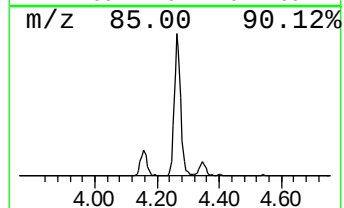
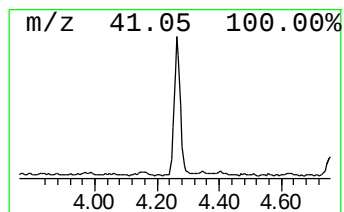
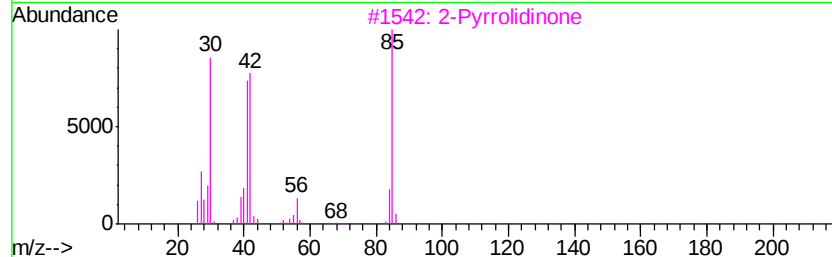
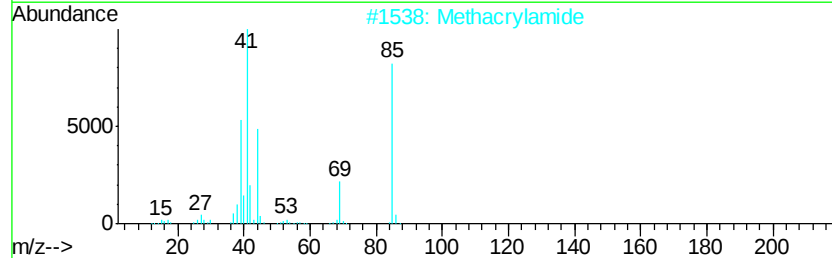
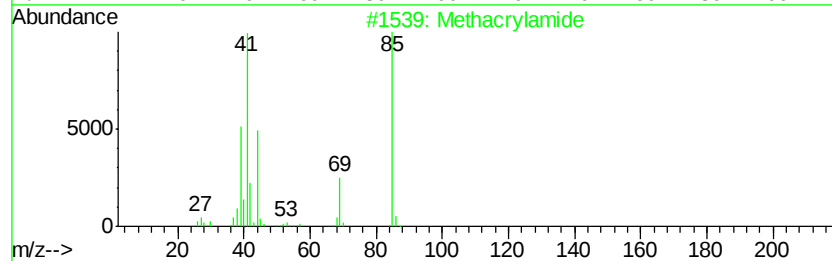
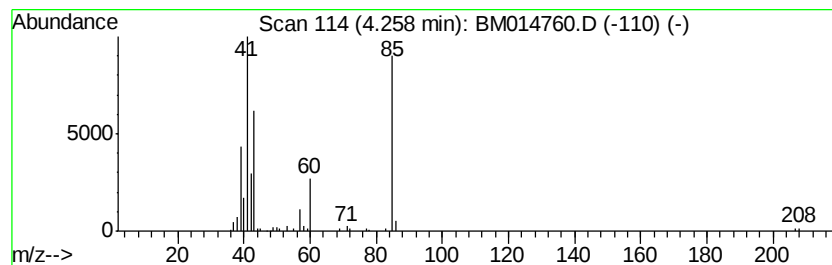
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Methacrylamide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.05 ng/ul	204198	1,4-Dichlorobenzene-d4	8.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methacrylamide	85	C4H7NO	000079-39-0	72
2			Methacrylamide	85	C4H7NO	000079-39-0	28
3			2-Pyrrolidinone	85	C4H7NO	000616-45-5	25
4			Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	23
5			2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	23



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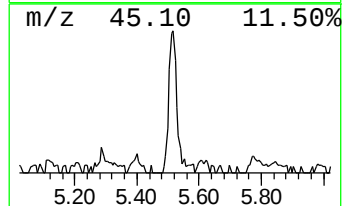
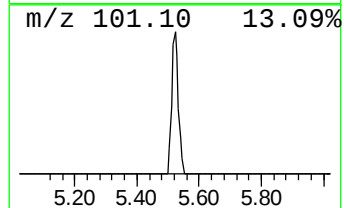
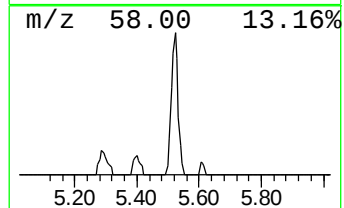
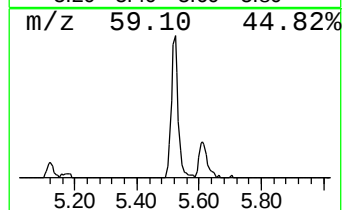
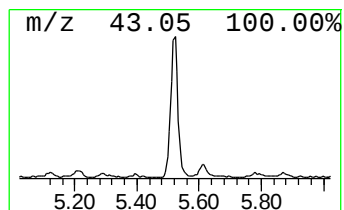
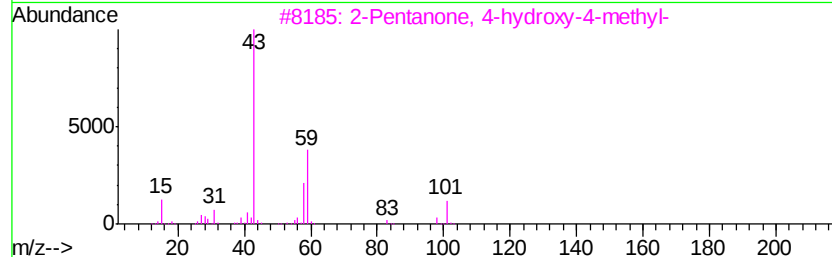
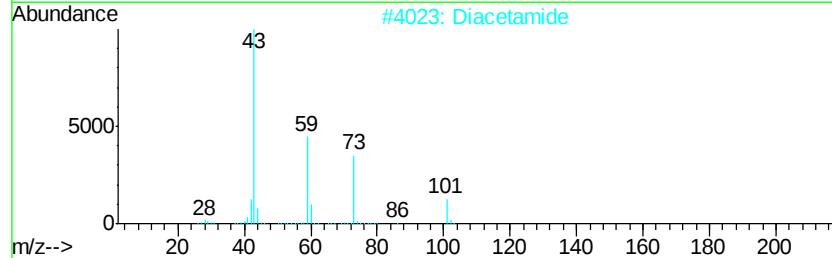
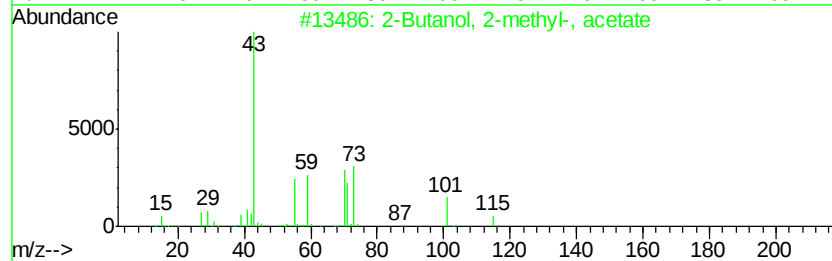
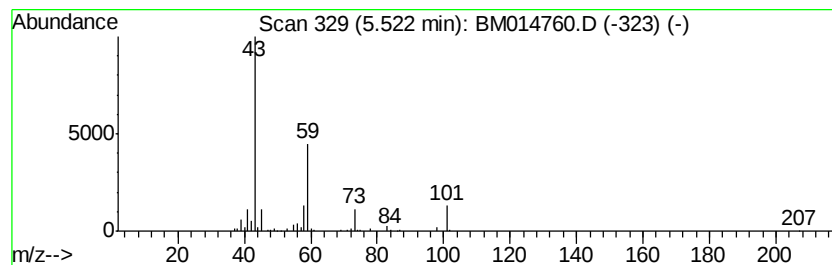
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	2.05 ng/ul	203532	1,4-Dichlorobenzene-d4	8.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanol, 2-methyl-, acetate	130	C7H14O2	000625-16-1	47
2		Diacetamide	101	C4H7NO2	000625-77-4	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
4		2-Ethoxyethyl acetate	132	C6H12O3	000111-15-9	28
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25



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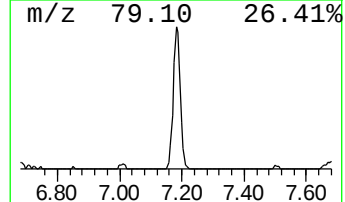
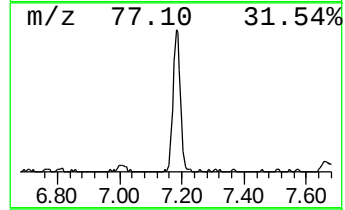
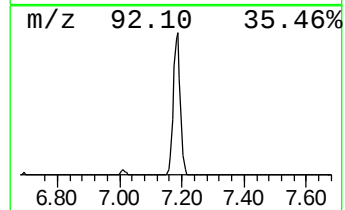
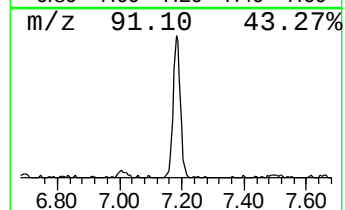
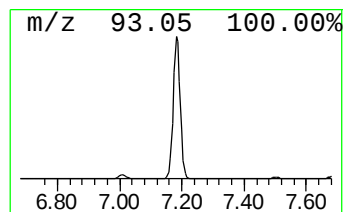
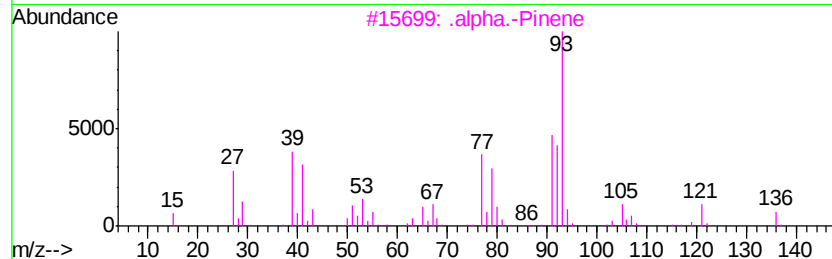
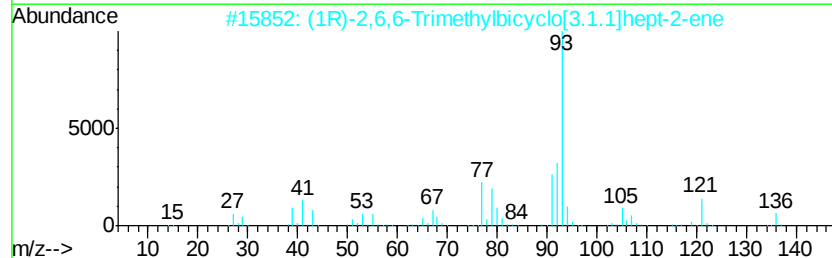
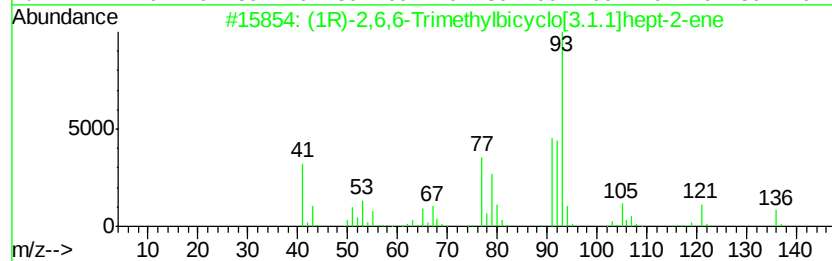
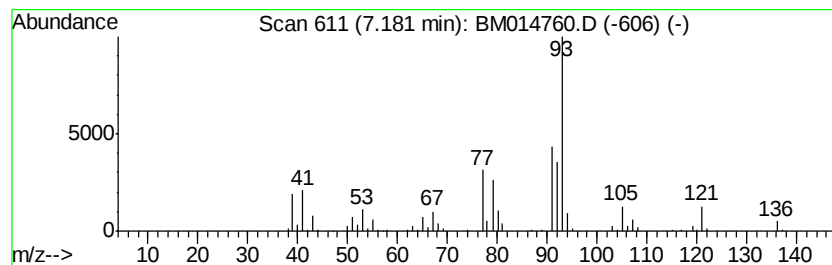
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	4.19 ng/ul	416853	1,4-Dichlorobenzene-d4	8.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	95
4		.alpha.-Pinene	136	C10H16	000080-56-8	94
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94



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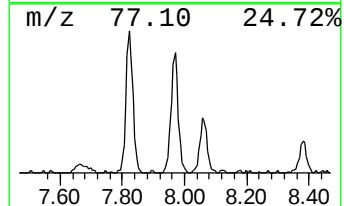
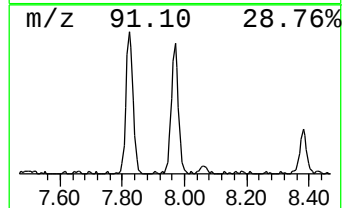
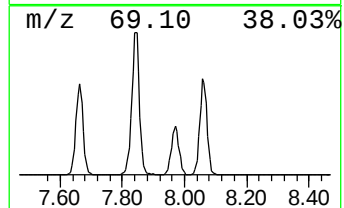
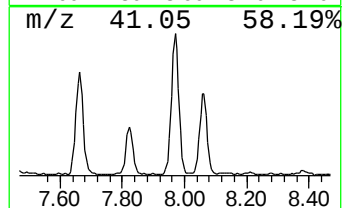
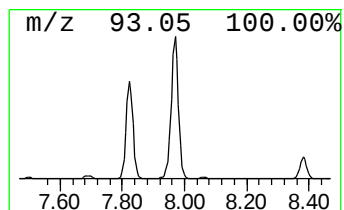
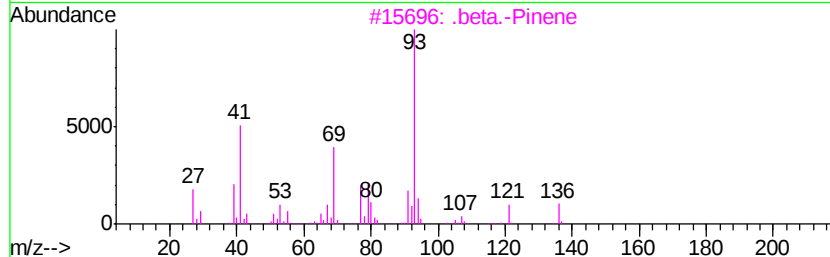
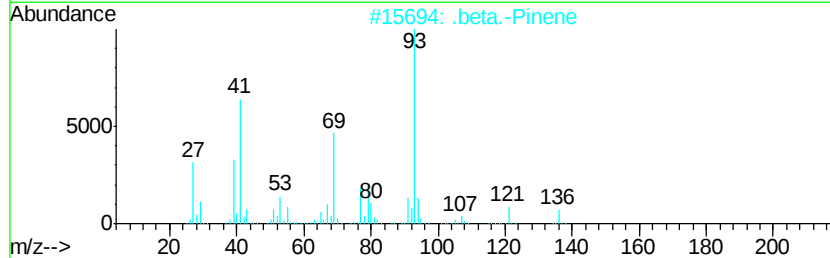
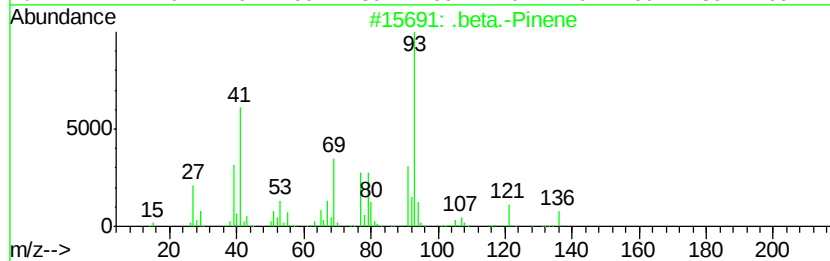
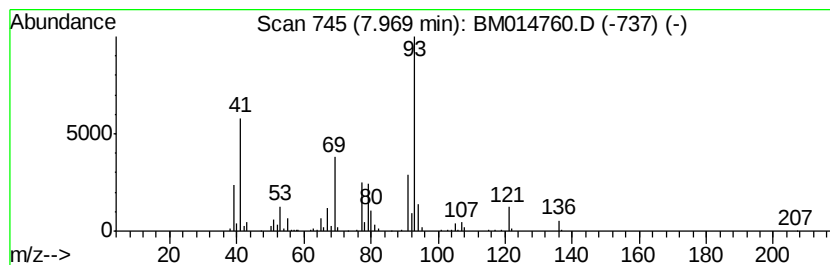
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 .beta.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	5.95 ng/ul	592216	1,4-Dichlorobenzene-d4	8.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Pinene	136	C10H16	000127-91-3	93
2		.beta.-Pinene	136	C10H16	000127-91-3	91
3		.beta.-Pinene	136	C10H16	000127-91-3	91
4		.beta.-Pinene	136	C10H16	000127-91-3	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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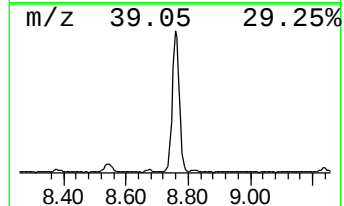
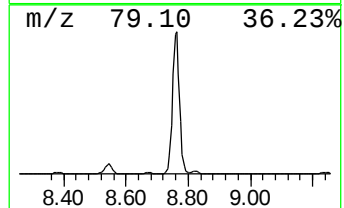
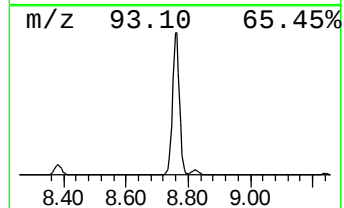
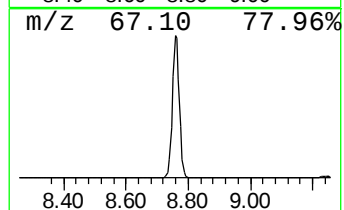
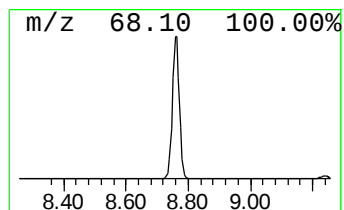
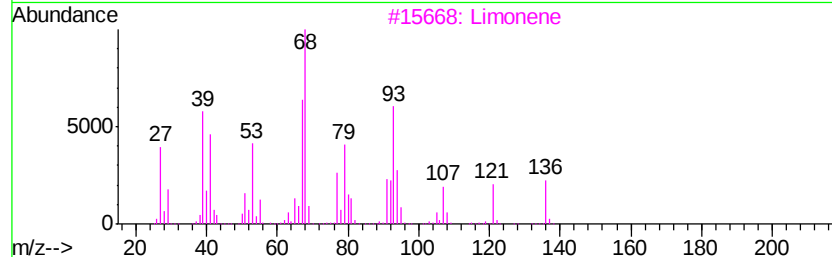
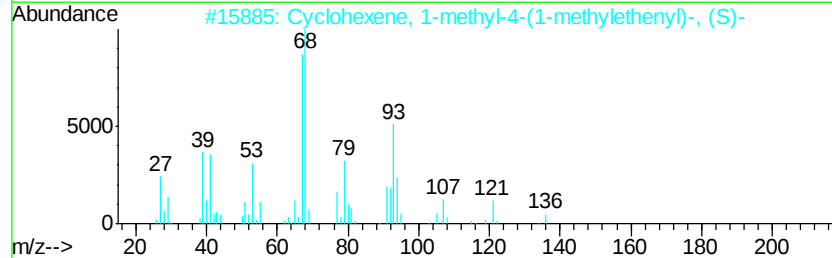
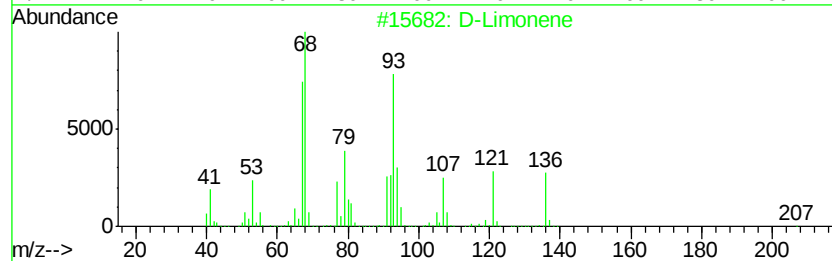
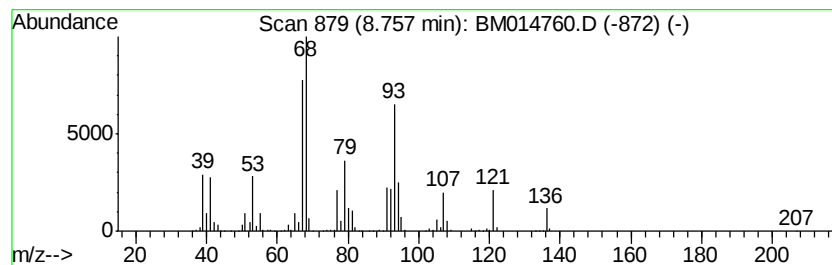
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	25.38 ng/ul	2526110	1,4-Dichlorobenzene-d4	8.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	98
2	Cyclohexene, 1-methyl-4-(1-methyl-4-ethenyl)-, (S)-		136	C10H16	005989-54-8	94
3	Limonene		136	C10H16	000138-86-3	91
4	Cyclohexene, 1-methyl-5-(1-methyl-4-ethenyl)-, (S)-		136	C10H16	013898-73-2	90
5	D-Limonene		136	C10H16	005989-27-5	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
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ClientSampleId :
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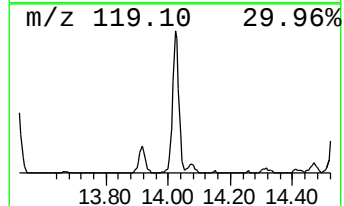
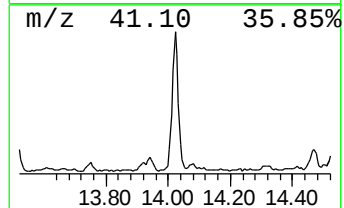
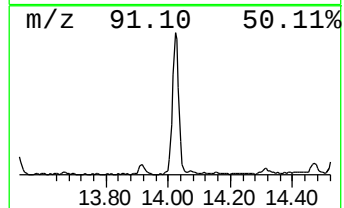
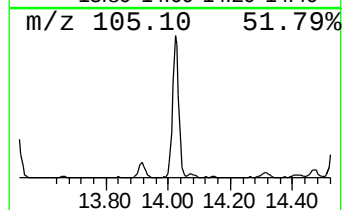
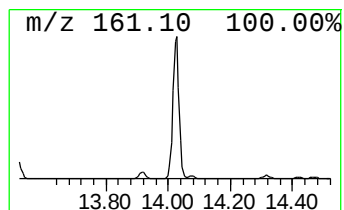
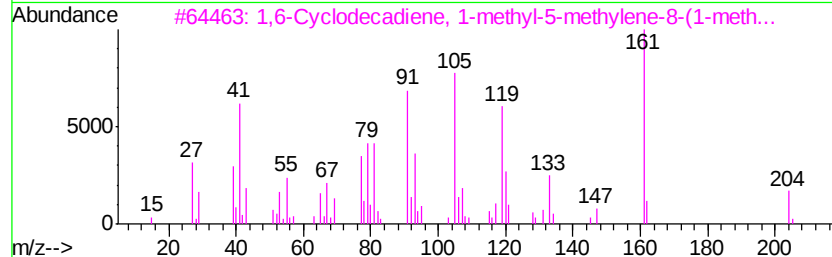
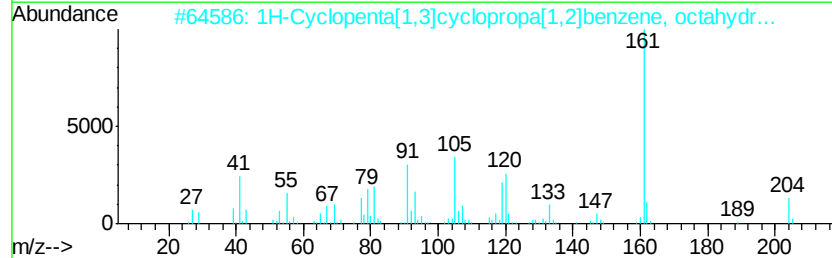
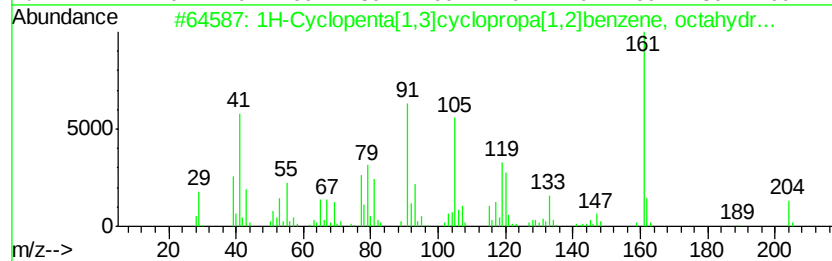
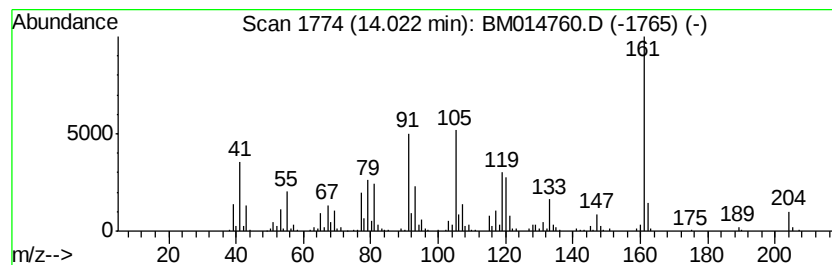
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	4.89 ng/ul	846510	Acenaphthene-d10	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopenta[1,3]cyclopropa[1,2]...	204	C15H24	013744-15-5	99
2		1H-Cyclopenta[1,3]cyclopropa[1,2]...	204	C15H24	013744-15-5	96
3		1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	95
4		.beta.-copaene	204	C15H24	1000374-18-9	93
5		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
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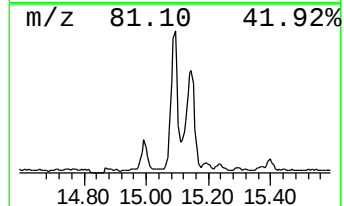
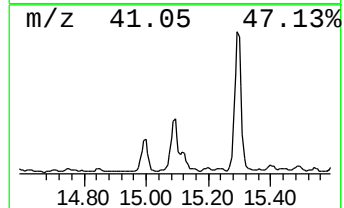
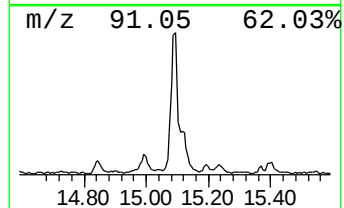
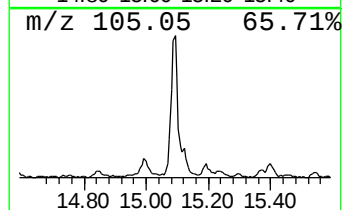
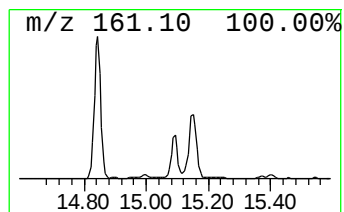
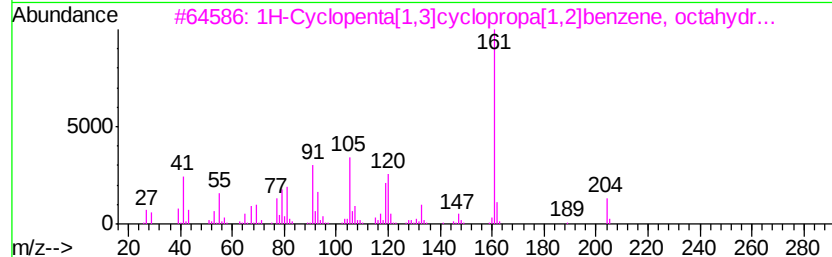
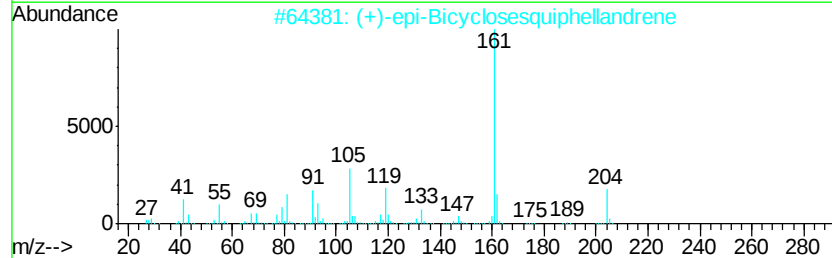
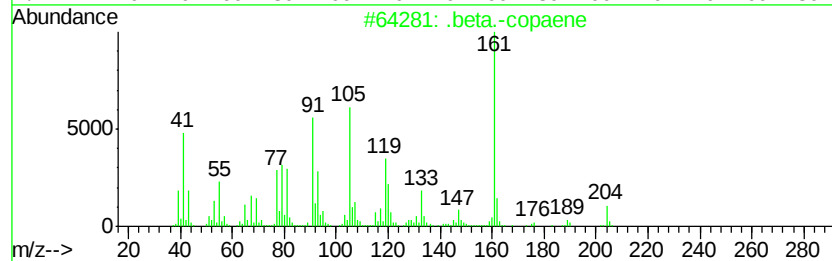
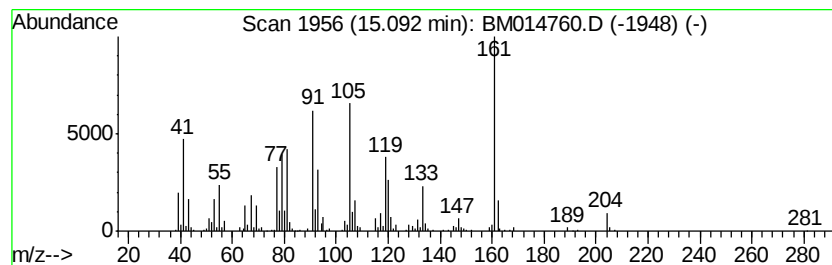
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 .beta.-copaene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	4.53 ng/ul	785319	Acenaphthene-d10	15.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-copaene	204 C15H24	1000374-18-9 95
2		(+)-epi-Bicyclosesquiphellandrene	204 C15H24	054274-73-6 94
3		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 93
4		Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204 C15H24	150320-52-8 93
5		1H-Cyclopenta[1,3]cyclopropa[1,2...	204 C15H24	013744-15-5 91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
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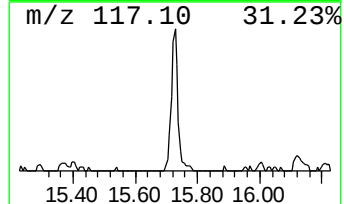
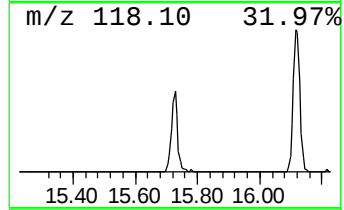
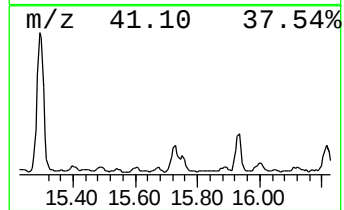
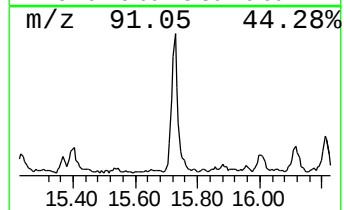
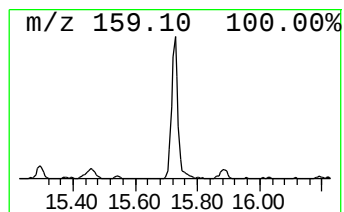
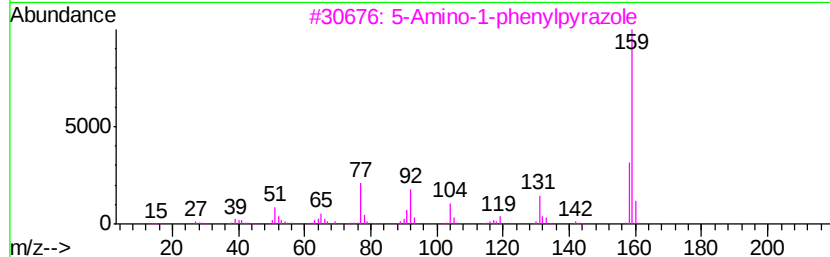
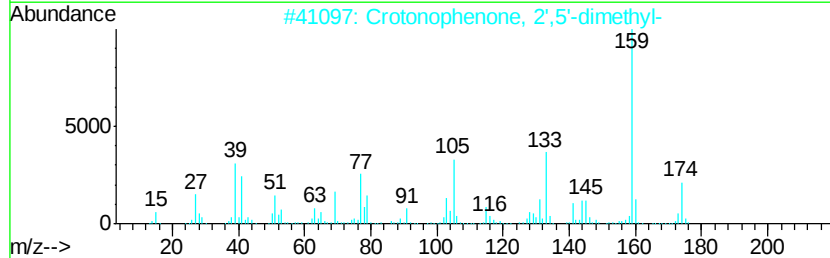
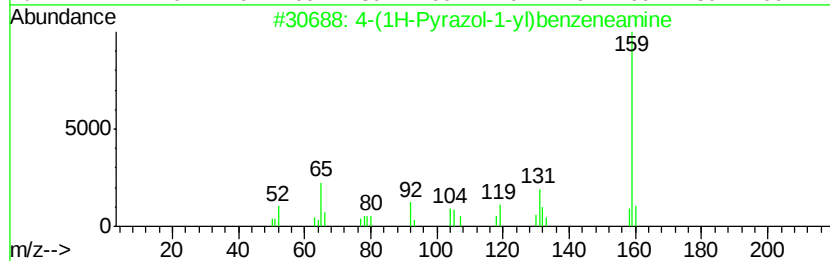
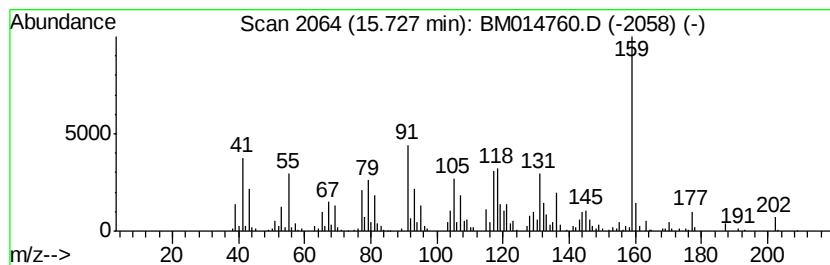
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	3.44 ng/ul	596250	Acenaphthene-d10	15.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-(1H-Pyrazol-1-yl)benzeneamine	159 C9H9N3	017635-45-9	49
2	Crotonophenone, 2',5'-dimethyl-	174 C12H14O	015561-15-6	43
3	5-Amino-1-phenylpyrazole	159 C9H9N3	000826-85-7	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	000475-03-6	38
5	2(1H)-Quinolinone, 1-methyl-	159 C10H9NO	000606-43-9	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
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Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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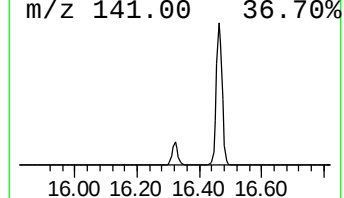
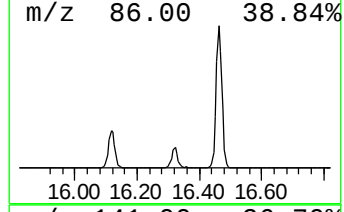
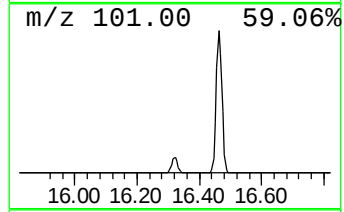
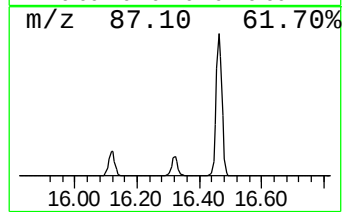
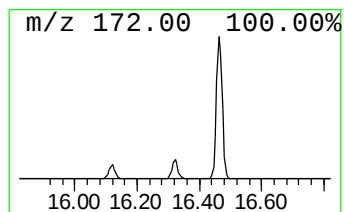
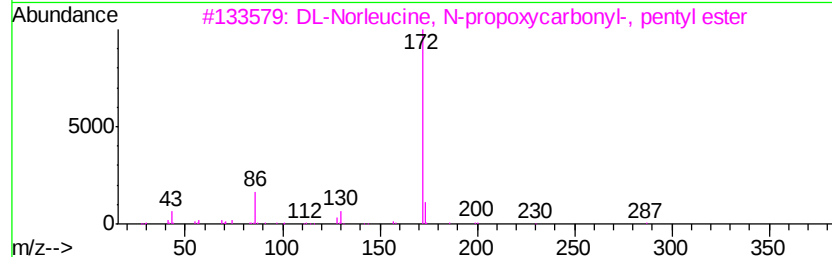
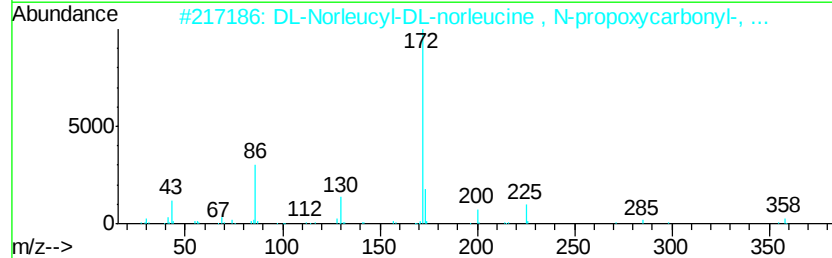
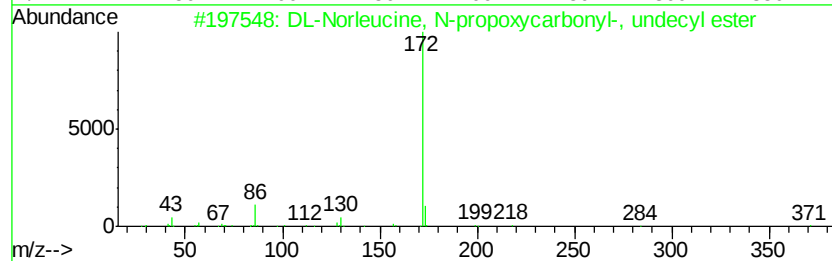
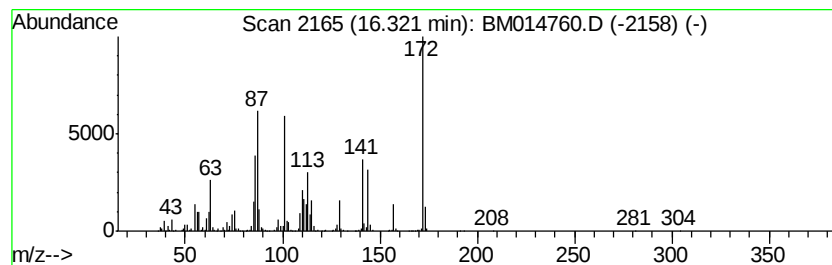
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	9.15 ng/ul	1584280	Acenaphthene-d10	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	DL-Norleucine, N-propoxycarbonyl...	371	C21H41N04	1000339-03-4	27
2		DL-Norleucyl-DL-norleucine, N-p...	414	C22H42N2O5	1000339-04-3	27
3		DL-Norleucine, N-propoxycarbonyl...	287	C15H29N04	1000339-02-9	27
4		4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	16
5		DL-Norleucine, N-propoxycarbonyl...	455	C27H53N04	1000339-03-9	14



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
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Sample : J2434-01
Misc :
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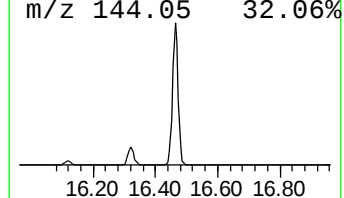
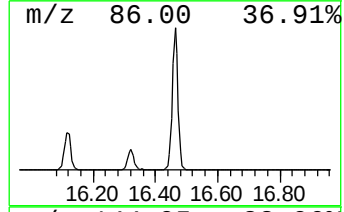
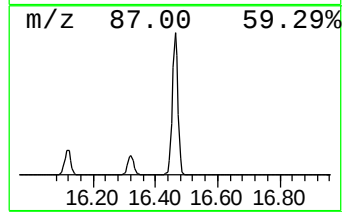
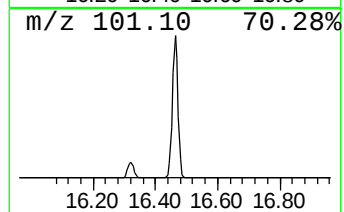
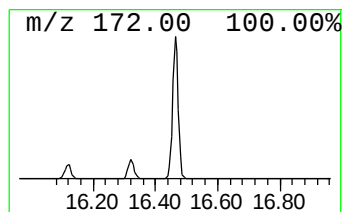
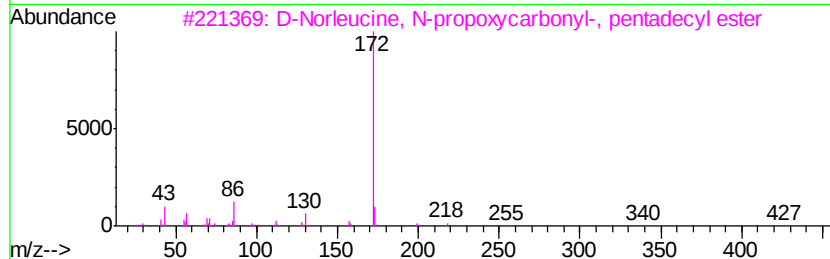
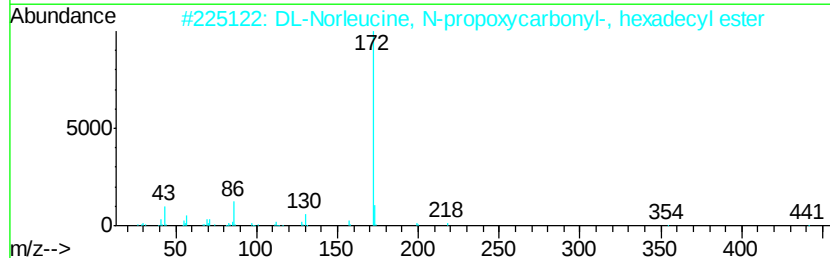
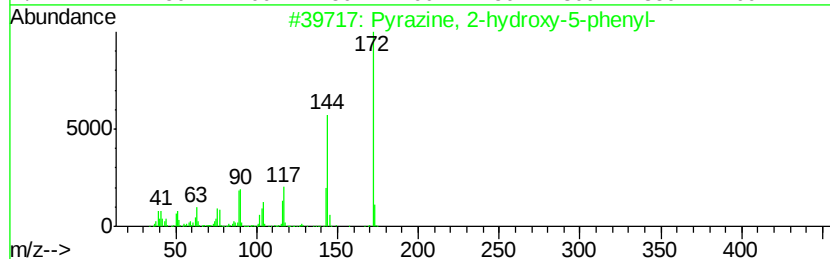
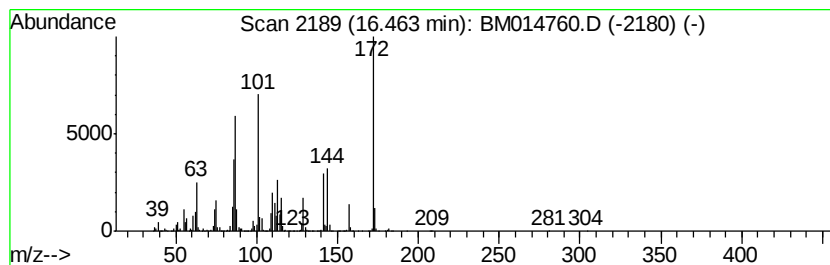
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	57.28 ng/ul	9920150	Acenaphthene-d10	15.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrazine, 2-hydroxy-5-phenyl-	172 C10H8N2O	025844-72-8 38
2		DL-Norleucine, N-propoxycarbonyl...	441 C26H51N04	1000339-03-8 22
3		D-Norleucine, N-propoxycarbonyl-...	427 C25H49N04	1000338-43-5 22
4		l-Isoleucine, N-propoxycarbonyl-...	301 C16H31N04	1000313-56-6 22
5		3,4-Difluoroanisole	144 C7H6F2O	115144-40-6 20



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
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Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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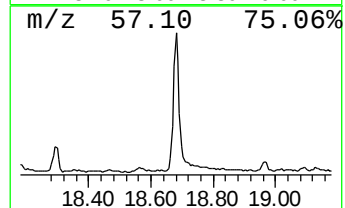
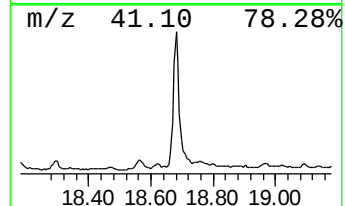
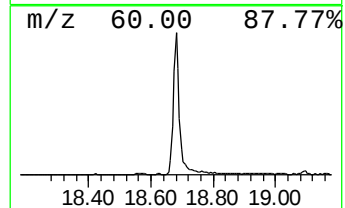
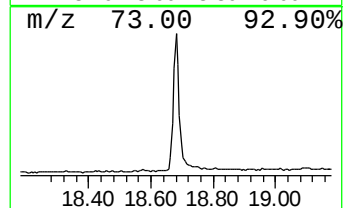
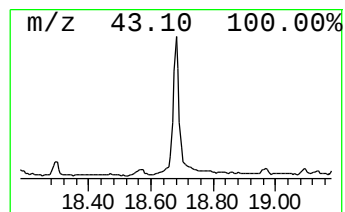
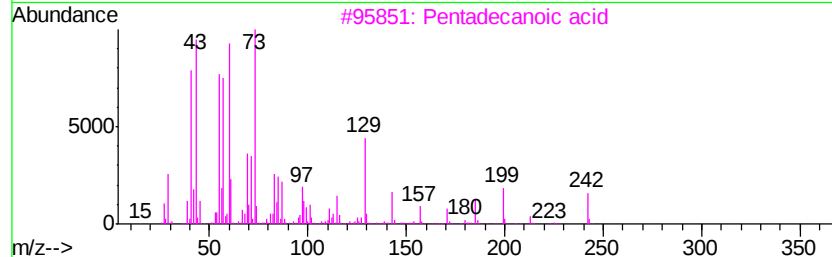
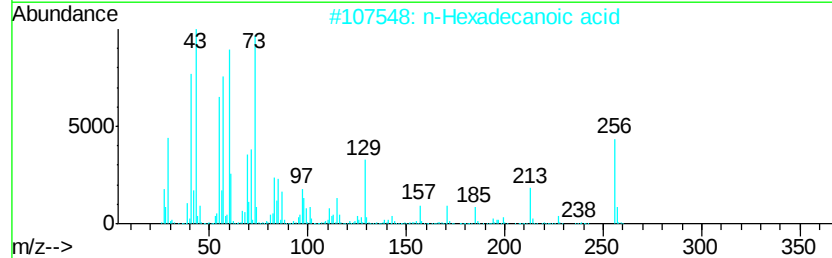
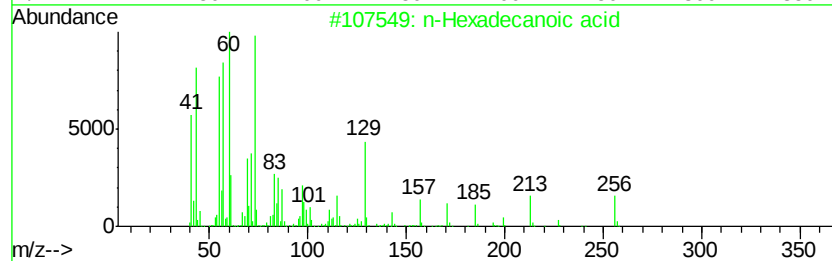
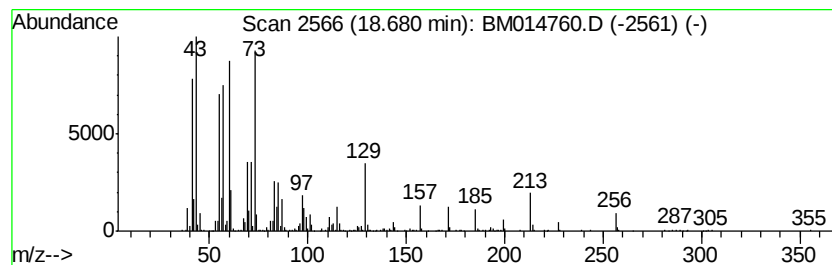
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	5.57 ng/ul	1102920	Phenanthrene-d10	17.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB6

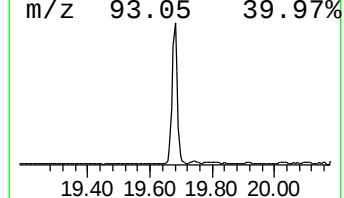
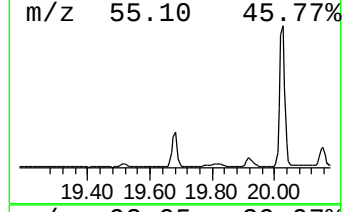
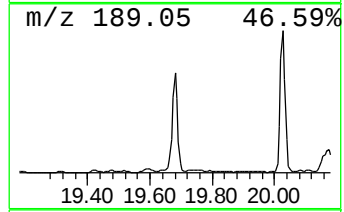
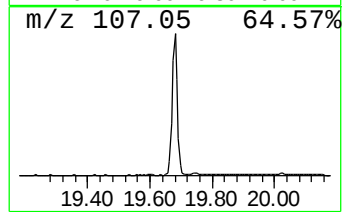
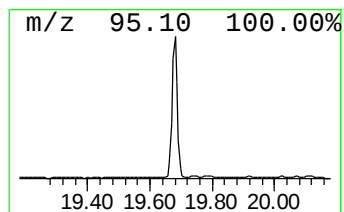
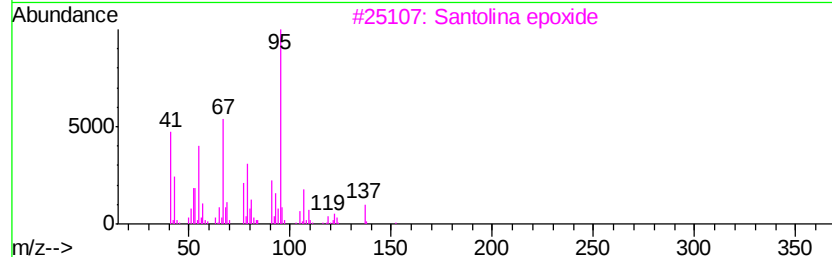
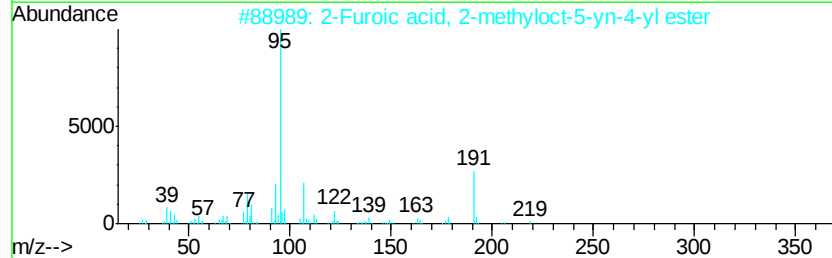
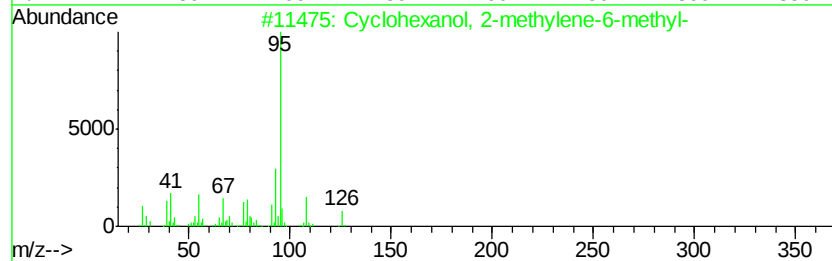
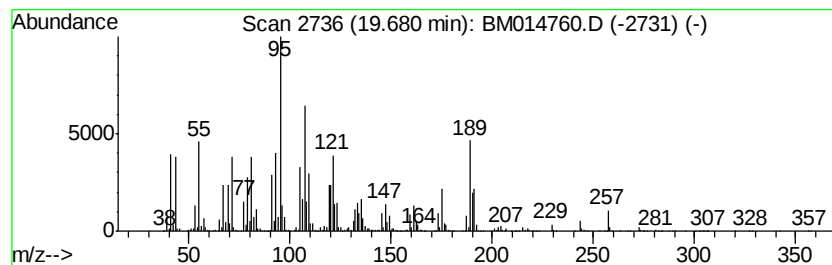
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	18.00 ng/ul	3560940	Phenanthrene-d10	17.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	27
2		2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	22
3		Santolina epoxide	152	C10H16O	060485-45-2	22
4		4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	081955-10-4	22
5		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	18



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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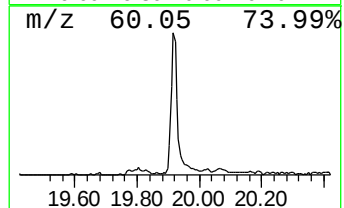
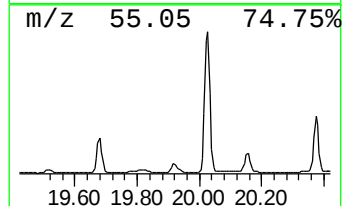
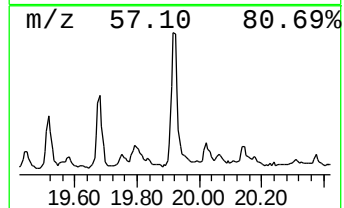
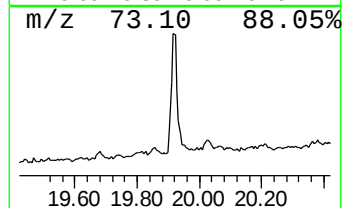
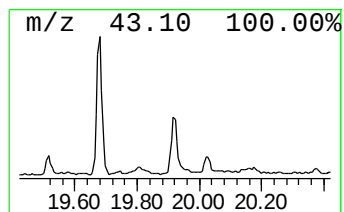
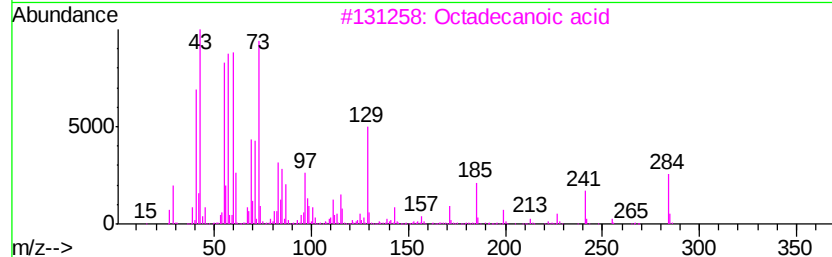
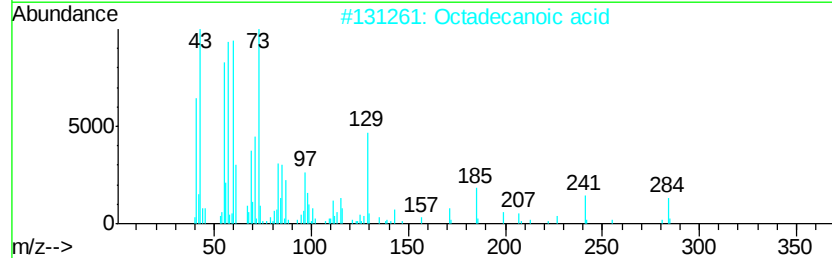
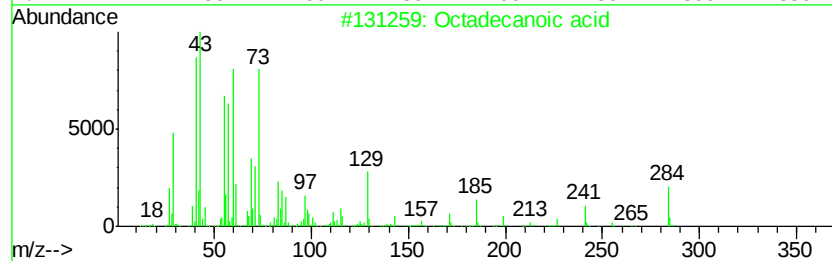
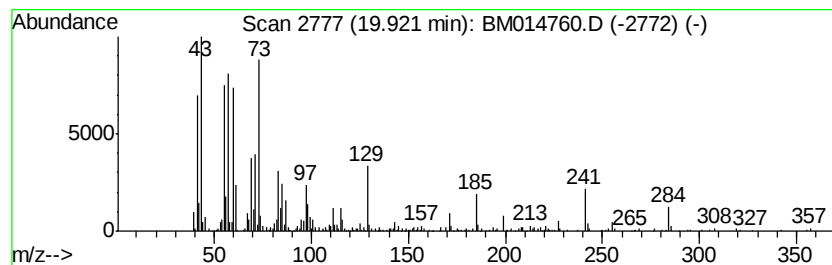
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.29 ng/ul	691816	Chrysene-d12	21.94

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	96
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Octadecanoic acid	284	C18H36O2	000057-11-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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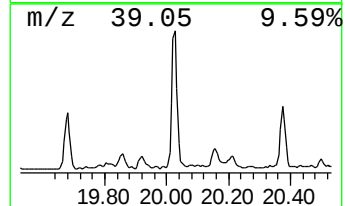
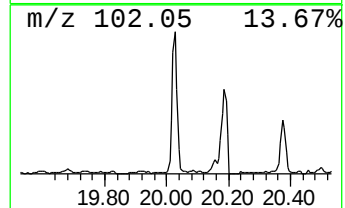
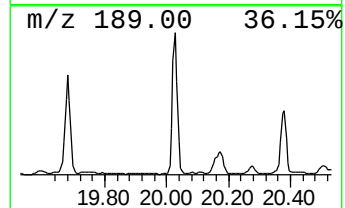
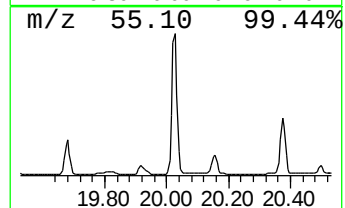
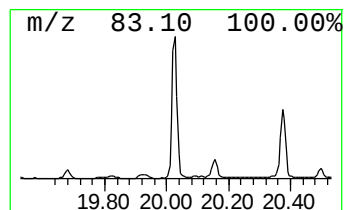
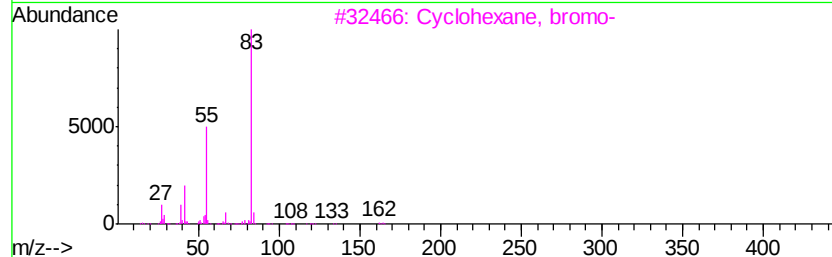
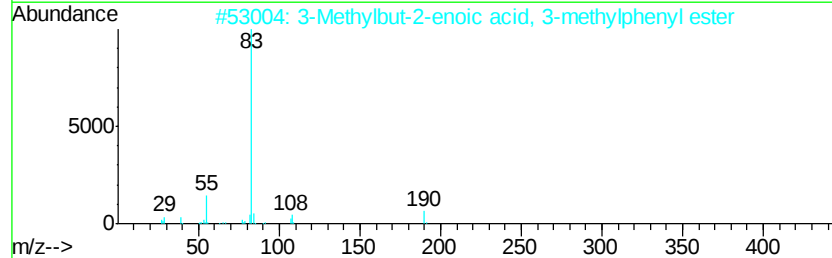
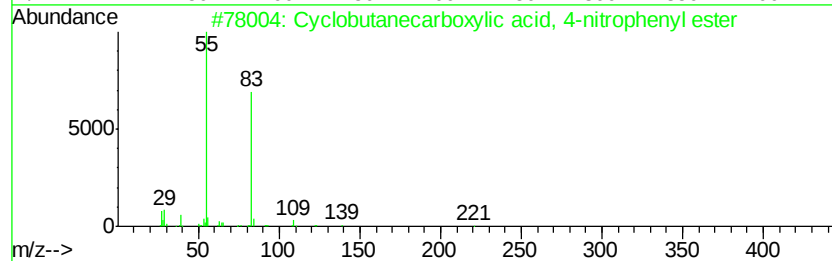
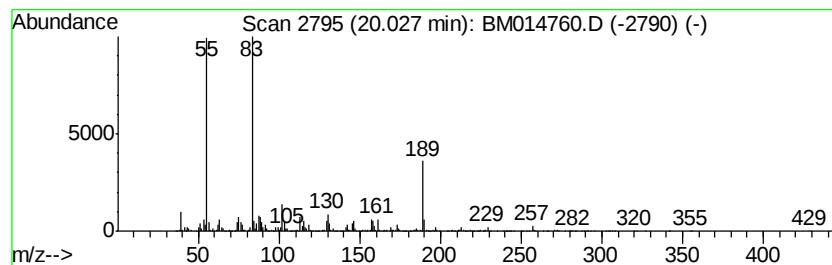
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	9.02 ng/ul	2727770	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutanecarboxylic acid, 4-ni...	221	C11H11N04	1000307-44-2	47
2		3-Methylbut-2-enoic acid, 3-meth...	190	C12H14O2	1000307-59-2	43
3		Cyclohexane, bromo-	162	C6H11Br	000108-85-0	43
4		Cyclobutanecarboxylic acid, 2-fo...	272	C12H10Cl2O3	1000331-09-4	40
5		1H-Imidazol-2-amine	83	C3H5N3	007720-39-0	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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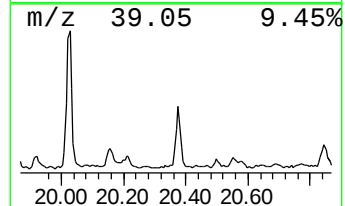
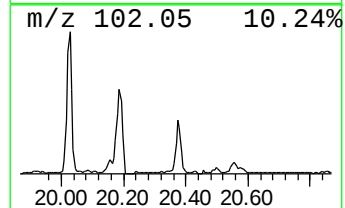
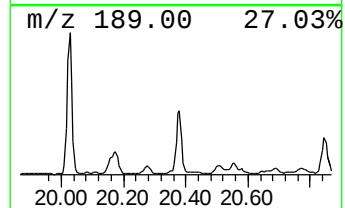
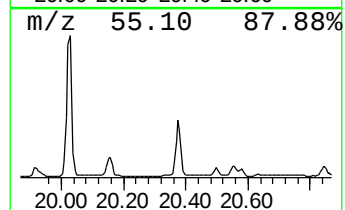
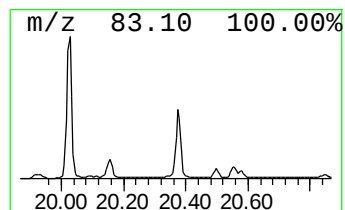
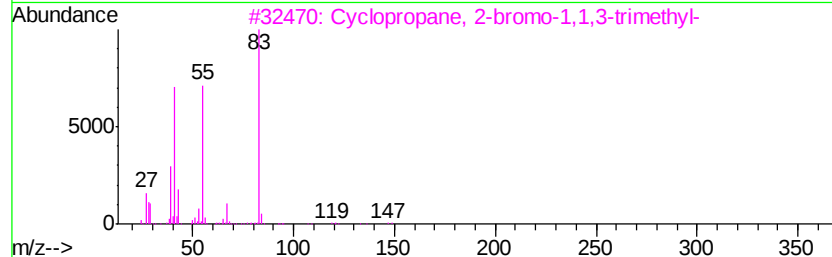
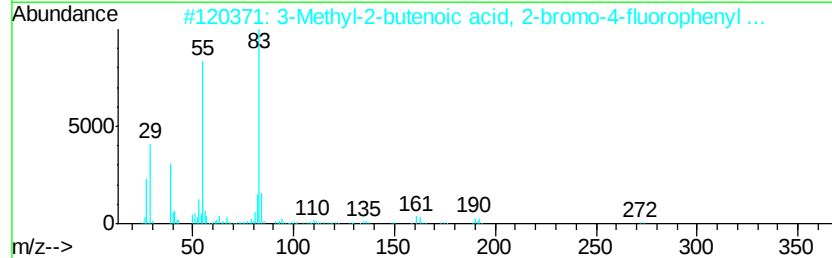
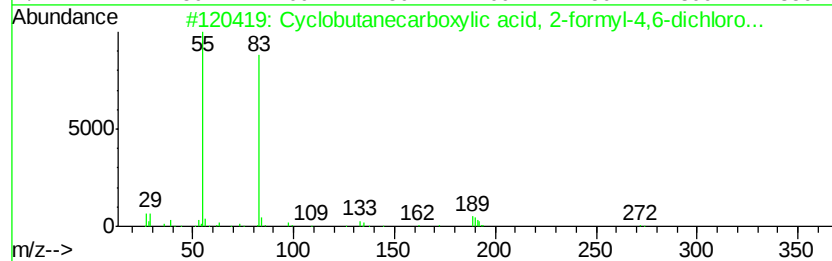
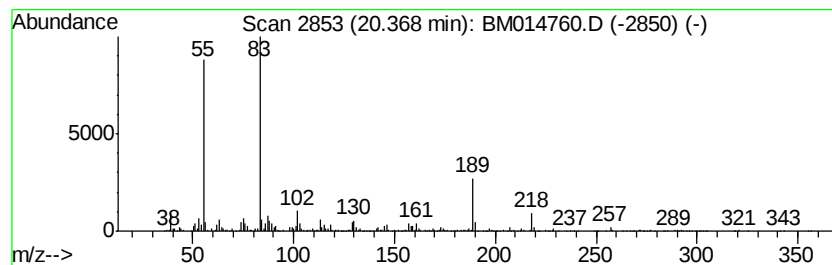
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclobutanecarboxylic acid,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	4.04 ng/ul	1221380	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutanecarboxylic acid, 2-formyl-4,6-dichloro...	272	C12H10Cl2O3	1000331-09-4	50
2		3-Methyl-2-butenic acid, 2-bromo-4-fluorophenyl ...	272	C11H10BrFO2	1000293-62-2	40
3		Cyclopropane, 2-bromo-1,1,3-trimethyl-	162	C6H11Br	036617-00-2	38
4		Cyclohexane, bromo-	162	C6H11Br	000108-85-0	38
5		Cyclohexane, azido-	125	C6H11N3	019573-22-9	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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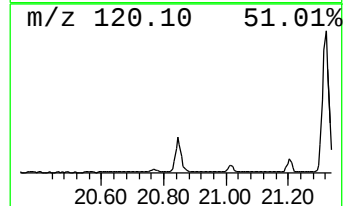
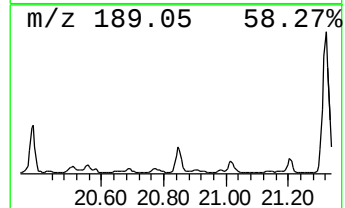
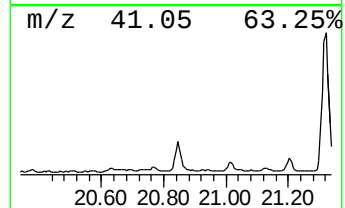
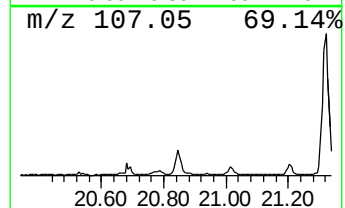
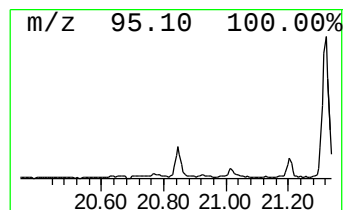
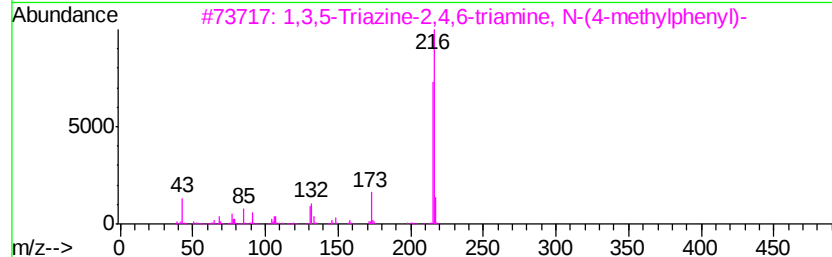
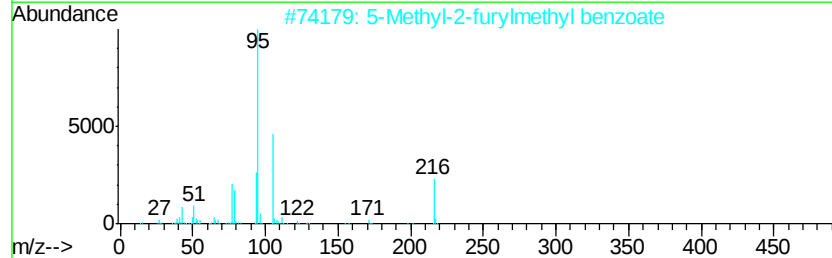
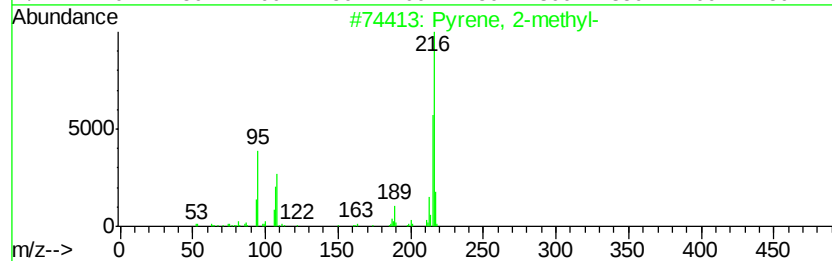
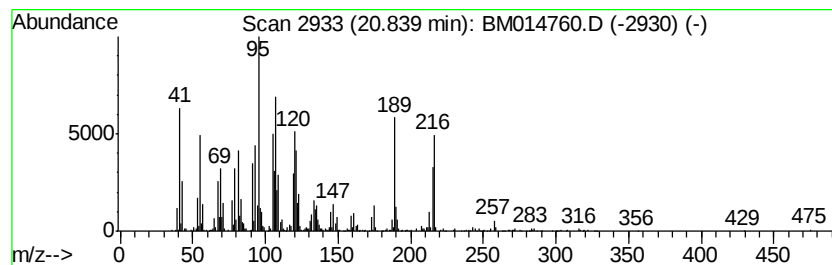
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.63 ng/ul	1095790	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	38
2		5-Methyl-2-furylmethyl benzoate	216	C13H12O3	018801-77-9	22
3		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	15
4		Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	14
5		Cyclohexene, 3-(bromomethyl)-	174	C7H11Br	034825-93-9	11



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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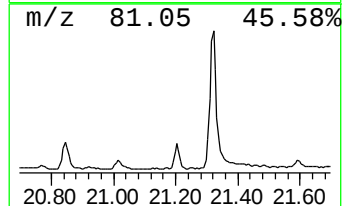
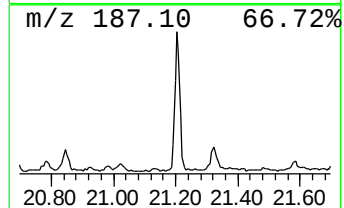
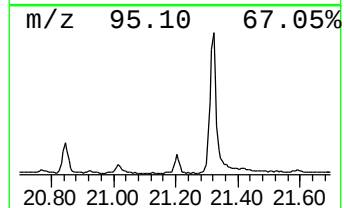
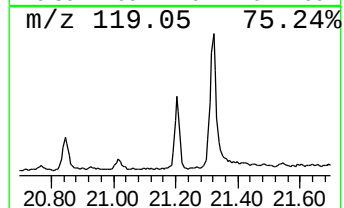
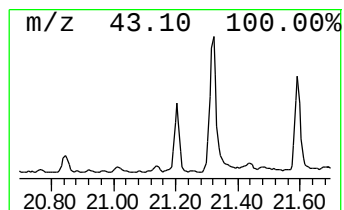
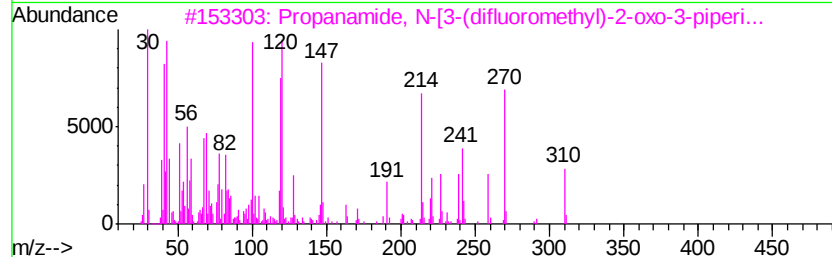
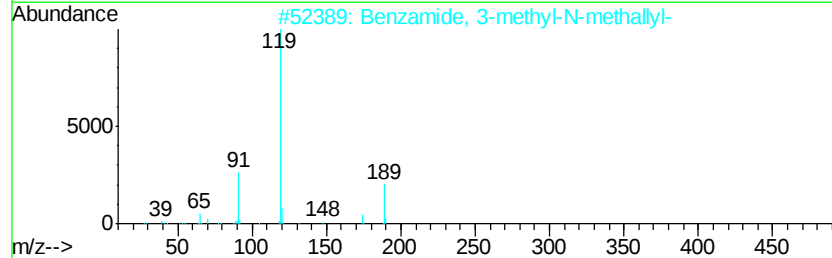
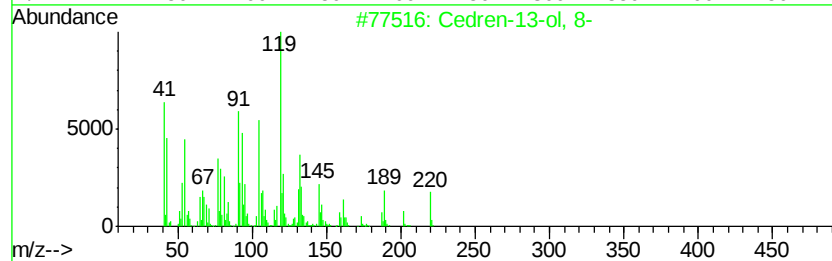
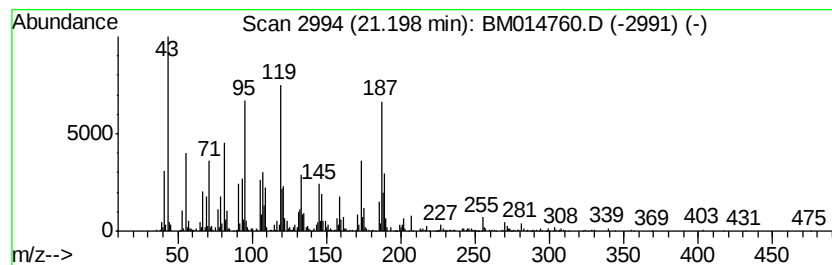
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	2.77 ng/ul	837142	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cedren-13-ol, 8-	220	C15H24O	018319-35-2	22
2		Benzamide, 3-methyl-N-methallyl-	189	C12H15NO	1000339-09-9	22
3		Propanamide, N-[3-(difluoromethyl)-2-oxo-3-piperidinyl]-	310	C9H9F7N2O2	103813-66-7	20
4		Bicyclo[3.3.1]non-2-ene, 7-oxa-2,7-dithiane	238	C14H22O3	316365-57-8	14
5		L-Proline, N-(p-toluoyl)-, methyl ester	247	C14H17NO3	1000299-65-0	14



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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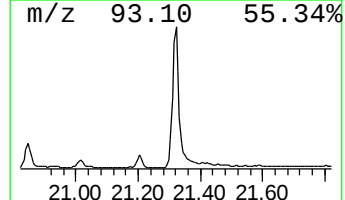
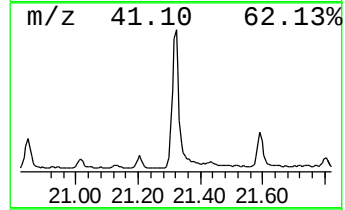
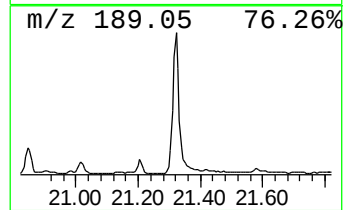
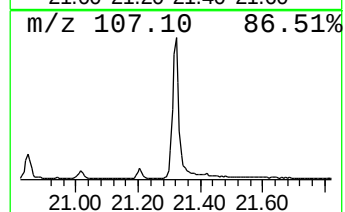
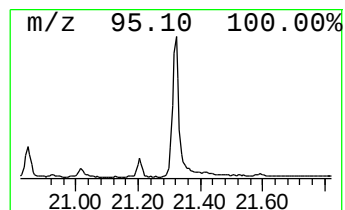
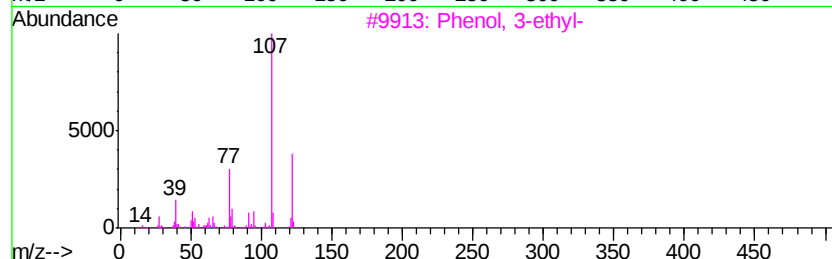
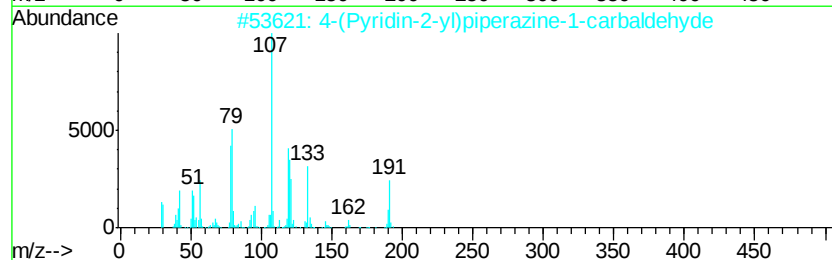
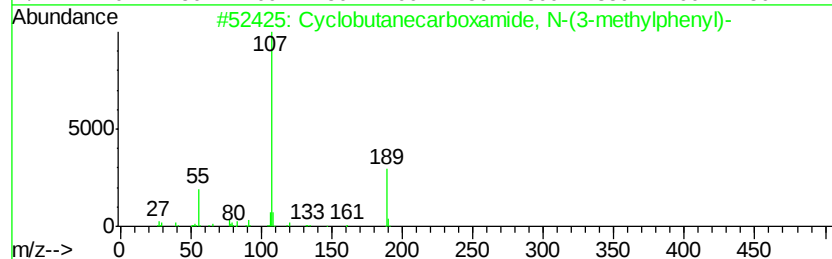
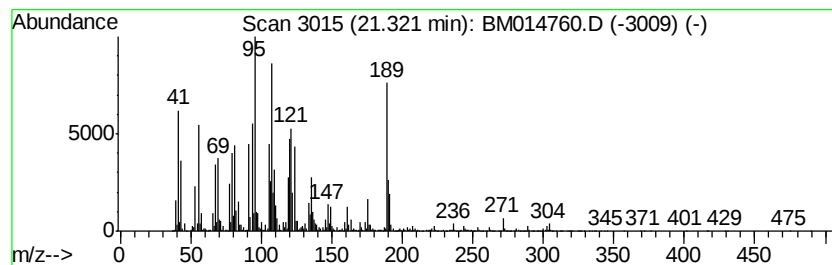
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	24.47 ng/ul	7397200	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclobutanecarboxamide, N-(3-met...	189	C12H15NO	1000307-04-7	30
2		4-(Pyridin-2-yl)piperazine-1-car...	191	C10H13N3O	1000368-49-0	14
3		Phenol, 3-ethyl-	122	C8H10O	000620-17-7	11
4		Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	11
5		3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	11



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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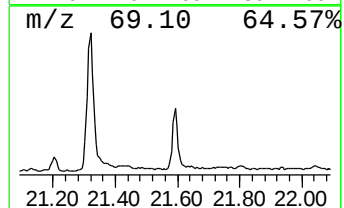
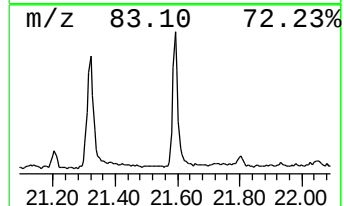
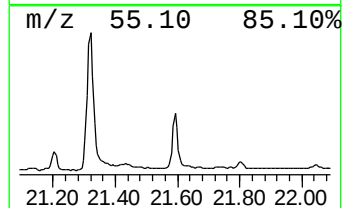
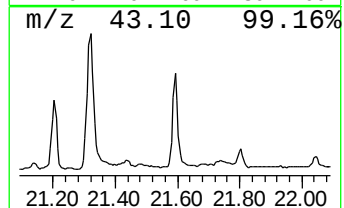
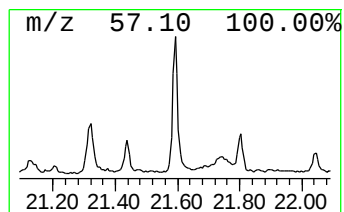
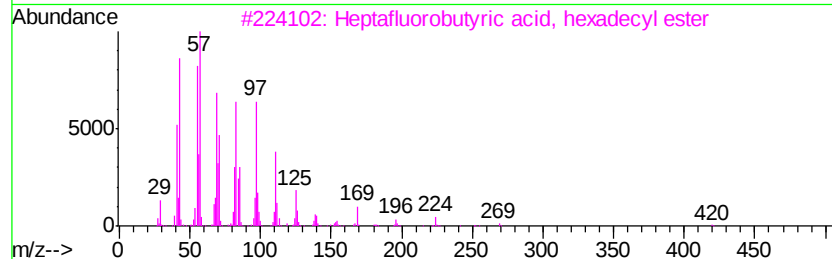
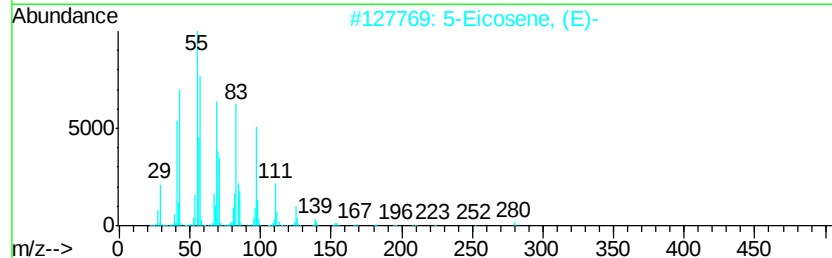
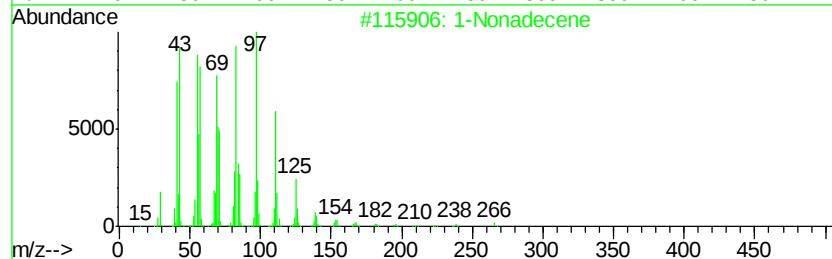
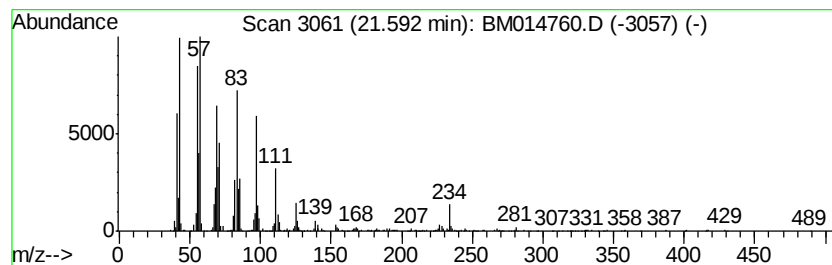
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic21.59 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	3.70 ng/ul	1118540	Chrysene-d12	21.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3			Heptafluorobutvric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4			1-Docosene	308	C22H44	001599-67-3	93
5			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB6

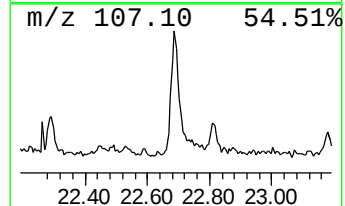
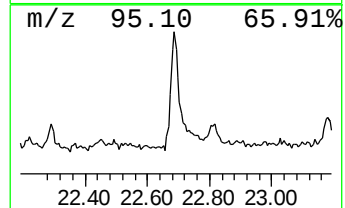
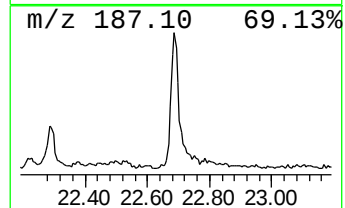
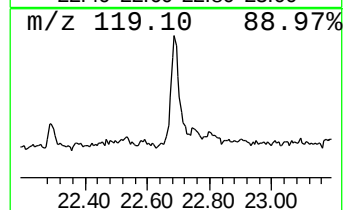
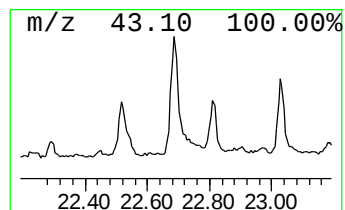
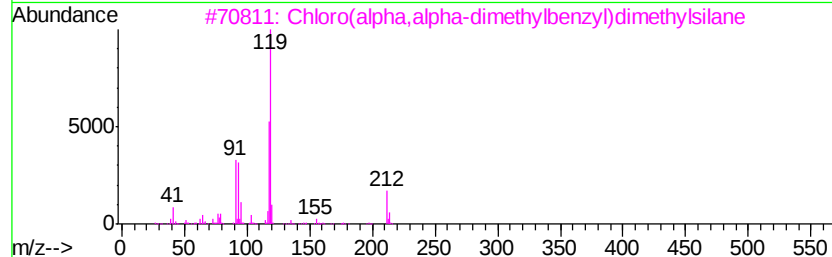
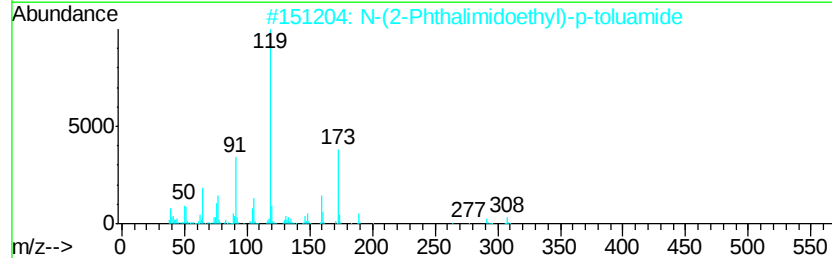
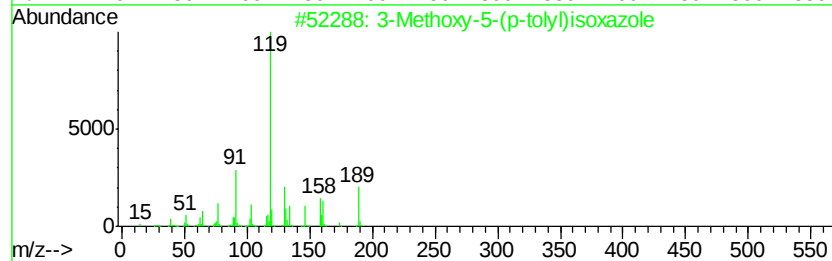
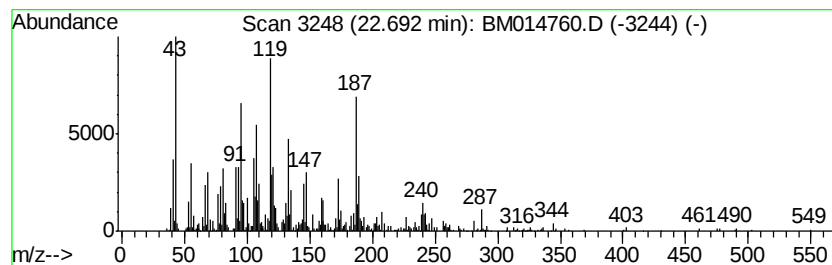
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.85 ng/ul	861384	Chrysene-d12	21.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methoxy-5-(p-tolyl)isoxazole	189	C11H11NO2	1000241-45-5	22
2			N-(2-Phthalimidoethyl)-p-toluamide	308	C18H16N2O3	339289-84-8	22
3			Chloro(alpha,alpha-dimethylbenzyl)dimethylsilane	212	C11H17ClSi	118740-38-8	14
4			1,3-Dioxolan-2-one, 4-methyl-5-methyl	246	C15H18O3	1000319-92-8	14
5			Acridine, 1,2,3,4,5,6,7,8-octahydro	187	C13H17N	001658-08-8	11



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014760.D
Acq On : 20 Apr 2018 12:41
Operator : SJ/JU
Sample : J2434-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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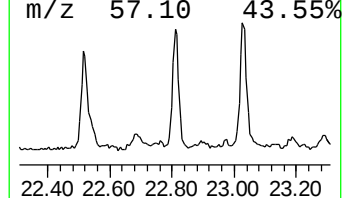
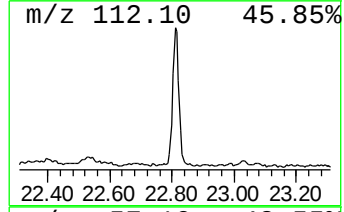
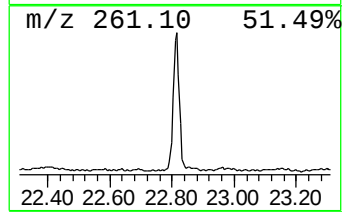
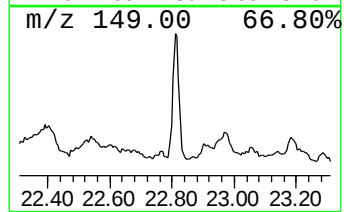
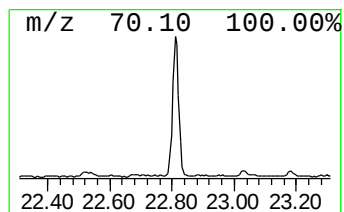
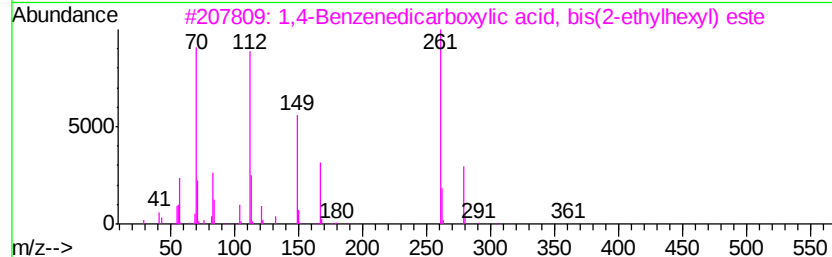
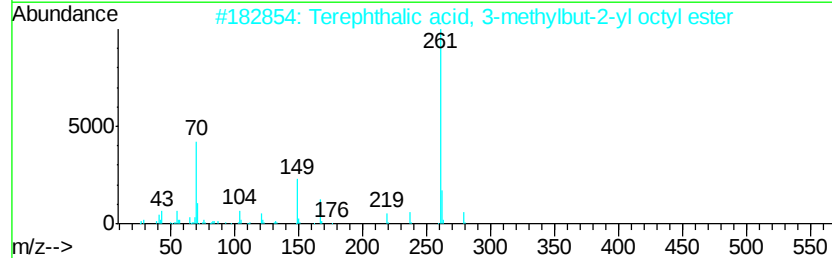
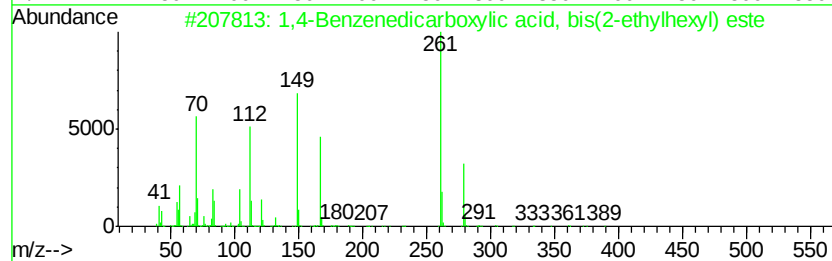
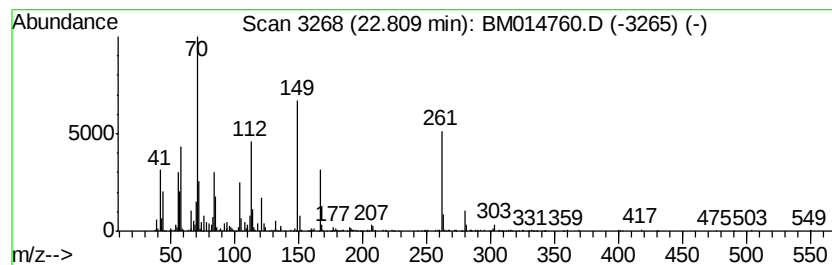
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,4-Benzenedicarboxylic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.60 ng/ul	785789	Chrysene-d12	21.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
2			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
3			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	43
4			Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	22
5			Diisooctyl phthalate	390	C24H38O4	000131-20-4	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042018\
 Data File : BM014760.D
 Acq On : 20 Apr 2018 12:41
 Operator : SJ/JU
 Sample : J2434-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Methacrylamide	4.26	2.0	ng/ul	204198	1	8.55	1990450	20.0
unknown-01	5.52	2.0	ng/ul	203532	1	8.55	1990450	20.0
(1R)-2,6,6-Trimet...	7.18	4.2	ng/ul	416853	1	8.55	1990450	20.0
.beta.-Pinene	7.97	6.0	ng/ul	592216	1	8.55	1990450	20.0
D-Limonene	8.76	25.4	ng/ul	2526110	1	8.55	1990450	20.0
1H-Cyclopenta[1,3...	14.02	4.9	ng/ul	846510	3	15.15	3463550	20.0
.beta.-copaene	15.09	4.5	ng/ul	785319	3	15.15	3463550	20.0
unknown-02	15.73	3.4	ng/ul	596250	3	15.15	3463550	20.0
unknown-03	16.32	9.2	ng/ul	1584280	3	15.15	3463550	20.0
unknown-04	16.46	57.3	ng/ul	9920150	3	15.15	3463550	20.0
n-Hexadecanoic acid	18.68	5.6	ng/ul	1102920	4	17.86	3956740	20.0
unknown-05	19.68	18.0	ng/ul	3560940	4	17.86	3956740	20.0
Octadecanoic acid	19.92	2.3	ng/ul	691816	5	21.94	6045570	20.0
unknown-06	20.03	9.0	ng/ul	2727770	5	21.94	6045570	20.0
Cyclobutanecarbox...	20.37	4.0	ng/ul	1221380	5	21.94	6045570	20.0
unknown-07	20.84	3.6	ng/ul	1095790	5	21.94	6045570	20.0
unknown-08	21.20	2.8	ng/ul	837142	5	21.94	6045570	20.0
unknown-09	21.32	24.5	ng/ul	7397200	5	21.94	6045570	20.0
(DEL) Alkane: Cyc...	21.59	3.7	ng/ul	1118540	5	21.94	6045570	20.0
unknown-10	22.69	2.9	ng/ul	861384	5	21.94	6045570	20.0
1,4-Benzenedicarb...	22.81	2.6	ng/ul	785789	5	21.94	6045570	20.0