

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010689.D
 Acq On : 23 Jun 2017 13:28
 Operator : SJ/JU
 Sample : I3625-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D09

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-BM062017.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	6.646	632	639	652	rBV	447326	704180	10.64%	0.944%
2	6.810	661	667	677	rBV	278133	414243	6.26%	0.556%
3	6.998	693	699	708	rVB	432362	642123	9.70%	0.861%
4	7.463	771	778	784	rVB	374362	570238	8.62%	0.765%
5	8.169	890	898	904	rBV	605588	950313	14.36%	1.274%
6	8.604	965	972	980	rVB	458372	714322	10.79%	0.958%
7	9.316	1087	1093	1100	rBV	441804	715948	10.82%	0.960%
8	9.851	1177	1184	1192	rBB	728844	1173379	17.73%	1.574%
9	10.222	1240	1247	1253	rBV	553167	887133	13.40%	1.190%
10	10.363	1265	1271	1282	rBV	560633	921680	13.93%	1.236%
11	13.533	1804	1810	1815	rBV	1455574	1974816	29.84%	2.648%
12	13.580	1815	1818	1825	rVB	317678	389549	5.89%	0.522%
13	13.798	1848	1855	1870	rBV	1438506	2241739	33.87%	3.006%
14	14.110	1902	1908	1915	rBV2	842956	1289116	19.48%	1.729%
15	14.322	1938	1944	1953	rBV	689572	990426	14.96%	1.328%
16	15.116	2072	2079	2085	rBV	1908449	2671278	40.36%	3.582%
17	15.239	2094	2100	2106	rBV	738280	975516	14.74%	1.308%
18	16.868	2370	2377	2381	rBV	1165797	1634713	24.70%	2.192%
19	16.910	2381	2384	2388	rVV	169982	212923	3.22%	0.286%
20	16.968	2388	2394	2405	rVV	2178000	3163385	47.80%	4.242%
21	17.274	2442	2446	2450	rBV2	83515	102880	1.55%	0.138%
22	17.739	2519	2525	2529	rBV3	46506	95839	1.45%	0.129%
23	17.792	2529	2534	2541	rBV	430897	552695	8.35%	0.741%
24	17.863	2542	2546	2552	rVB3	49270	78783	1.19%	0.106%
25	17.933	2552	2558	2564	rBV5	64176	154933	2.34%	0.208%
26	18.286	2615	2618	2625	rVB2	66887	95318	1.44%	0.128%
27	18.668	2677	2683	2688	rBV2	129969	261497	3.95%	0.351%
28	18.757	2690	2698	2703	rVV7	65751	156819	2.37%	0.210%
29	18.815	2703	2708	2715	rVB	157286	247390	3.74%	0.332%
30	18.939	2724	2729	2735	rVB	1308873	1694582	25.60%	2.272%
31	19.039	2743	2746	2750	rVB	61443	82576	1.25%	0.111%
32	19.086	2750	2754	2759	rBV	259610	317014	4.79%	0.425%
33	19.168	2763	2768	2774	rVV3	67259	149231	2.25%	0.200%
34	19.239	2776	2780	2782	rVV2	254896	306361	4.63%	0.411%

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35	19.280	2782	2787	2789	rVV	2474396	3488011	52.70%	4.678%
36	19.309	2789	2792	2800	rVB	2537408	3129161	47.28%	4.196%
37	19.380	2800	2804	2811	rVB3	85344	186660	2.82%	0.250%
38	19.551	2828	2833	2838	rVB	268665	412079	6.23%	0.553%
39	19.639	2842	2848	2854	rBV4	258269	555795	8.40%	0.745%
40	19.786	2866	2873	2881	rVB2	365978	939095	14.19%	1.259%
41	19.856	2882	2885	2889	rBV2	73193	86820	1.31%	0.116%
42	19.909	2890	2894	2897	rVB4	72243	90807	1.37%	0.122%
43	19.968	2897	2904	2908	rBV2	458816	772801	11.68%	1.036%
44	20.009	2908	2911	2914	rVB	77618	80029	1.21%	0.107%
45	20.109	2923	2928	2931	rBV	396965	521524	7.88%	0.699%
46	20.151	2931	2935	2940	rVB2	223059	309718	4.68%	0.415%
47	20.298	2957	2960	2963	rVB3	199223	225975	3.41%	0.303%
48	20.368	2969	2972	2974	rBV	106395	139781	2.11%	0.187%
49	20.480	2988	2991	2994	rVB2	89937	92591	1.40%	0.124%
50	20.533	2994	3000	3001	rBV4	70748	122460	1.85%	0.164%
51	20.562	3001	3005	3011	rVB	391021	558025	8.43%	0.748%
52	20.651	3017	3020	3024	rVB	138905	166824	2.52%	0.224%
53	20.727	3026	3033	3037	rBV3	283766	566468	8.56%	0.760%
54	20.768	3037	3040	3043	rBV3	265072	364367	5.51%	0.489%
55	20.803	3043	3046	3047	rBV	376128	383610	5.80%	0.514%
56	20.856	3052	3055	3061	rVB2	222989	328766	4.97%	0.441%
57	20.968	3068	3074	3079	rBV4	101665	258131	3.90%	0.346%
58	21.039	3082	3086	3087	rBV2	264760	307857	4.65%	0.413%
59	21.080	3087	3093	3098	rVV2	1781085	4718620	71.29%	6.328%
60	21.121	3098	3100	3107	rVB	1306432	1671282	25.25%	2.241%
61	21.239	3117	3120	3121	rBV	160801	170348	2.57%	0.228%
62	21.386	3141	3145	3151	rBV2	330570	567726	8.58%	0.761%
63	21.439	3151	3154	3158	rVV2	210403	278401	4.21%	0.373%
64	21.574	3174	3177	3179	rBV3	95294	108828	1.64%	0.146%
65	21.621	3179	3185	3189	rVV	456965	814655	12.31%	1.092%
66	21.674	3190	3194	3200	rVB2	308952	460637	6.96%	0.618%
67	21.809	3213	3217	3220	rBV2	260361	351703	5.31%	0.472%
68	21.839	3220	3222	3228	rVV4	152751	211550	3.20%	0.284%
69	21.909	3230	3234	3243	rVB3	166208	328684	4.97%	0.441%
70	22.074	3259	3262	3266	rBV2	142053	174683	2.64%	0.234%
71	22.356	3303	3310	3321	rVB3	279241	840203	12.69%	1.127%

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72	22.468	3322	3329	3333	rBV3	161813	319407	4.83%	0.428%
73	22.603	3344	3352	3356	rBV	3306423	6618449	100.00%	8.876%
74	22.756	3373	3378	3387	rBV	409714	664743	10.04%	0.891%
75	22.880	3395	3399	3407	rBV	209792	523154	7.90%	0.702%
76	23.050	3422	3428	3432	rBV	1500098	2615678	39.52%	3.508%
77	23.097	3432	3436	3440	rVV2	1064225	1936192	29.25%	2.597%
78	23.145	3440	3444	3450	rVB	1743135	2715529	41.03%	3.642%
79	23.227	3452	3458	3462	rBV	578195	1116745	16.87%	1.498%
80	23.274	3462	3466	3473	rVB2	591861	1169909	17.68%	1.569%
81	23.686	3532	3536	3541	rVB	109388	185902	2.81%	0.249%
82	23.744	3542	3546	3554	rVB5	126946	279921	4.23%	0.375%
83	25.115	3776	3779	3787	rVB4	182050	383751	5.80%	0.515%
84	25.262	3801	3804	3809	rBV5	51569	99378	1.50%	0.133%
85	25.344	3810	3818	3831	rVB	824453	2318247	35.03%	3.109%
86	25.991	3920	3928	3939	rVB3	460486	1304582	19.71%	1.749%

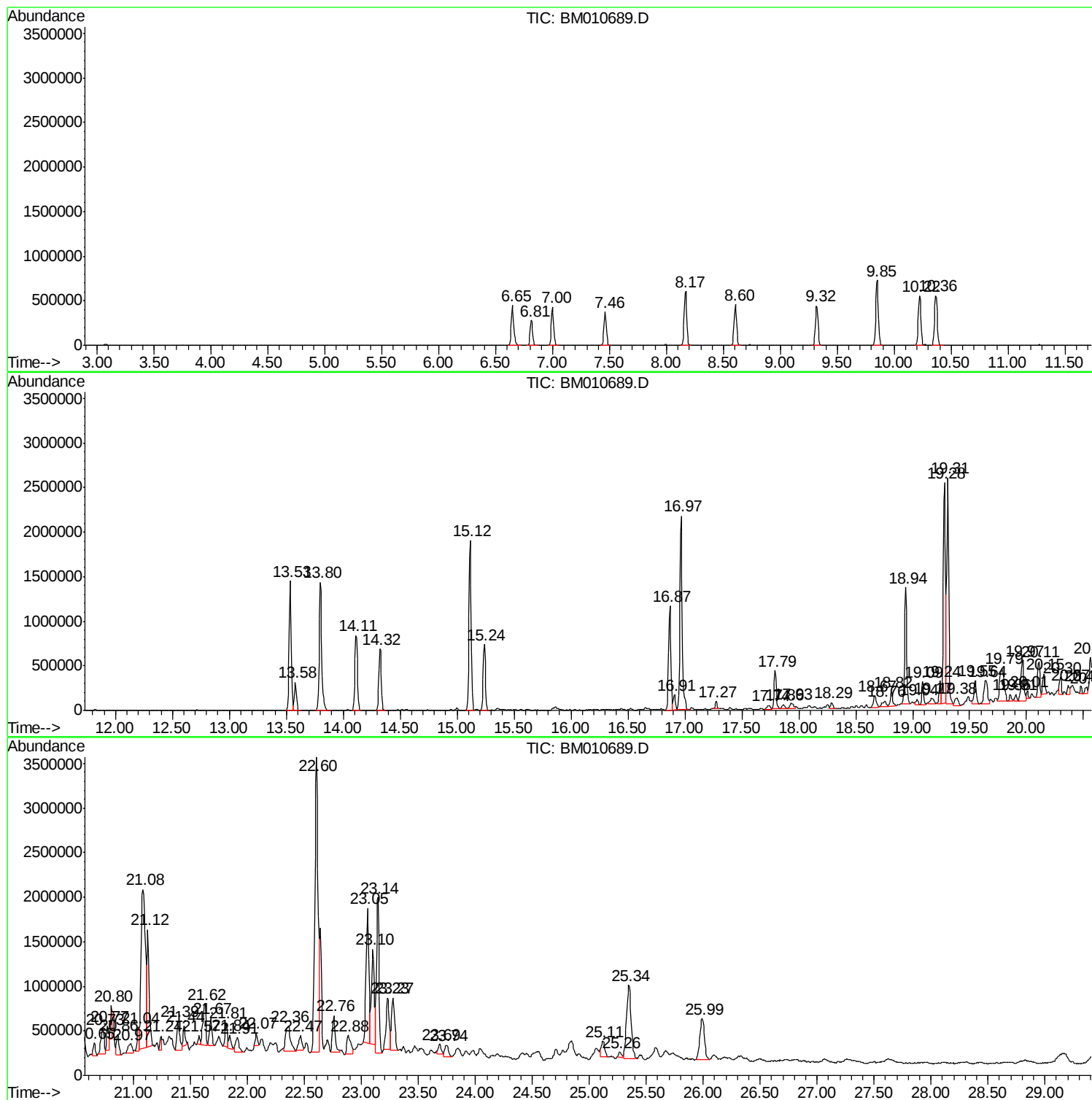
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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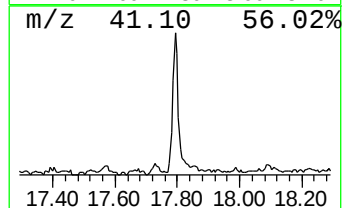
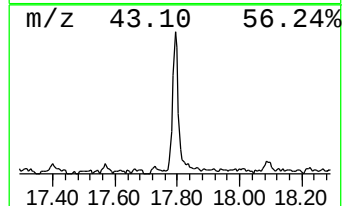
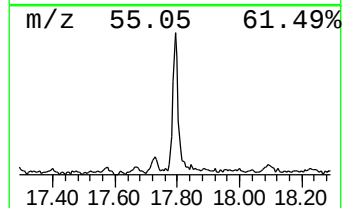
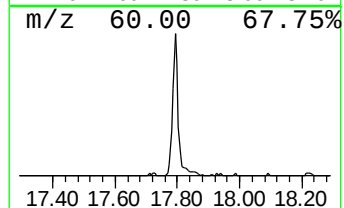
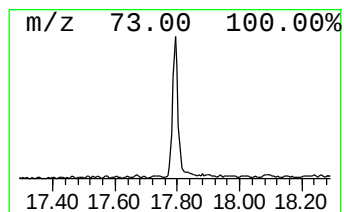
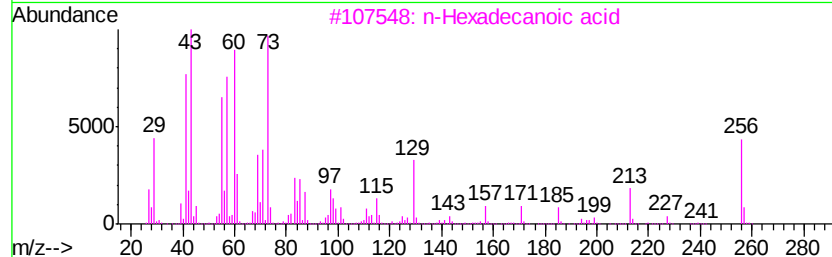
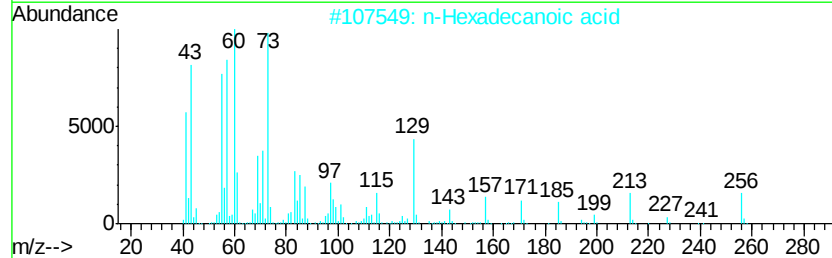
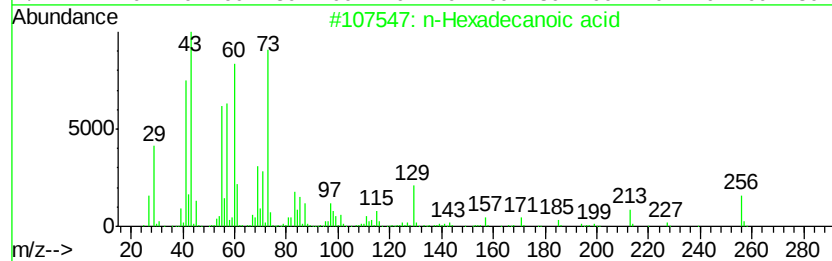
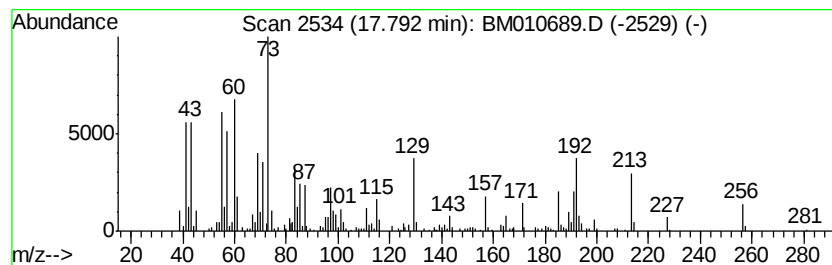
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	6.76 ng/ul	552695	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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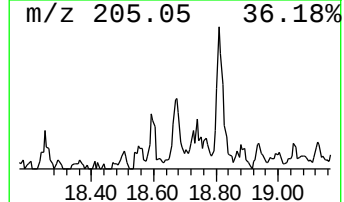
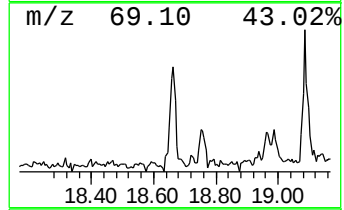
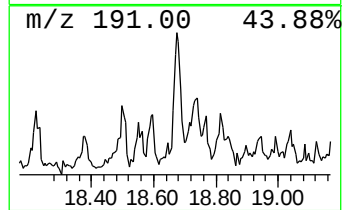
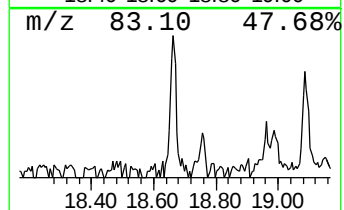
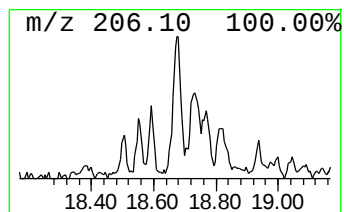
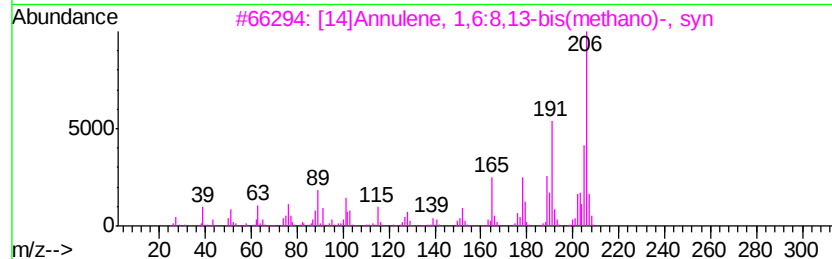
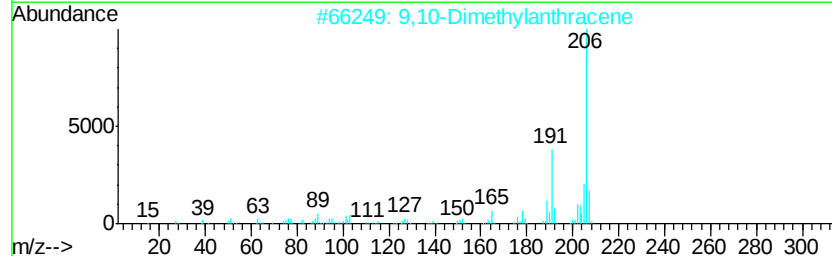
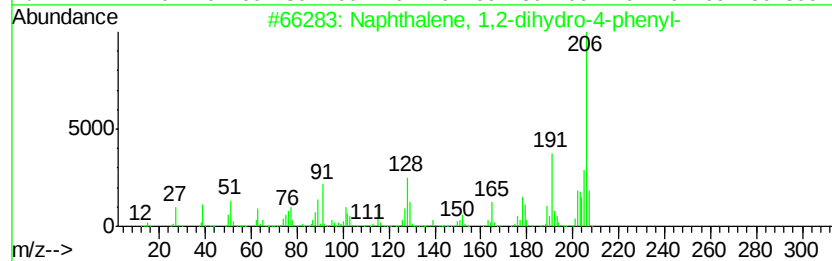
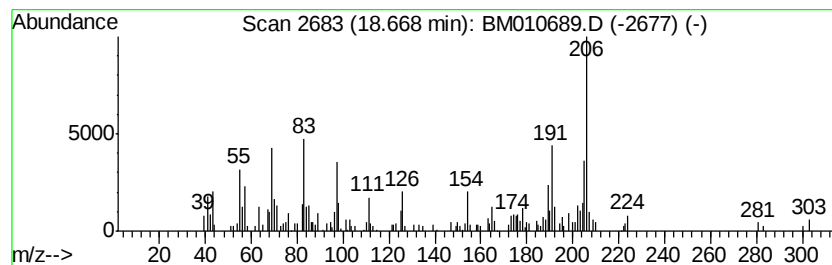
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Naphthalene, 1,2-dihydro-4-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	3.20 ng/ul	261497	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	55
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	55
3		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	49
4		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49



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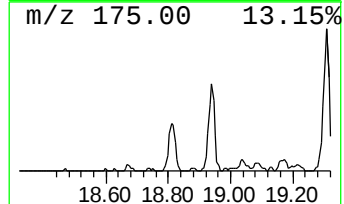
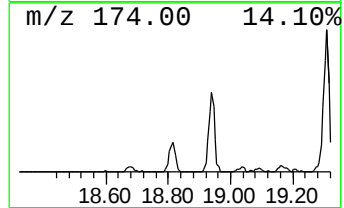
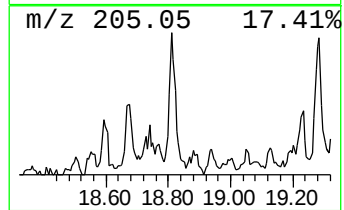
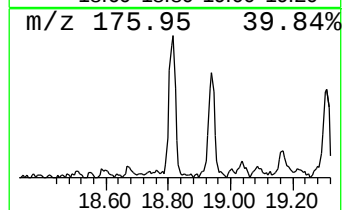
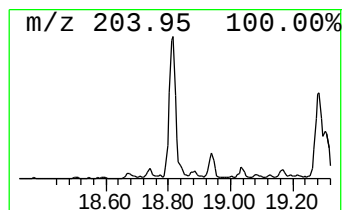
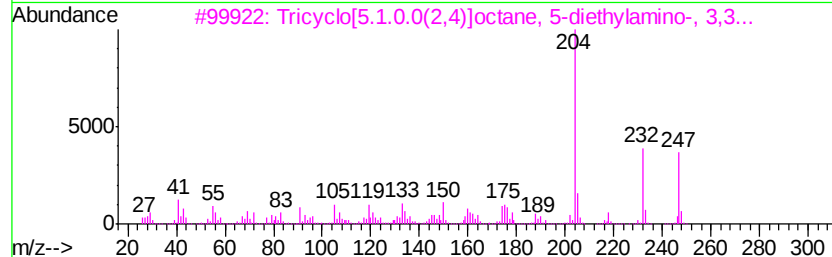
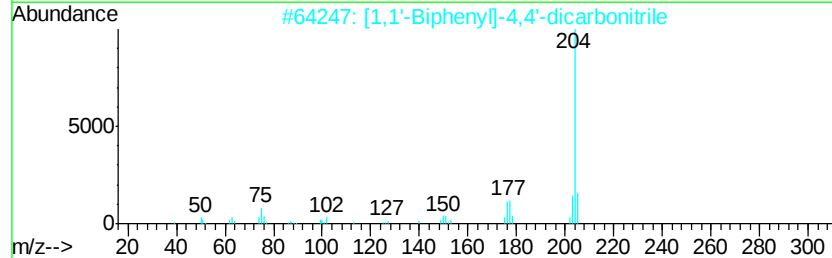
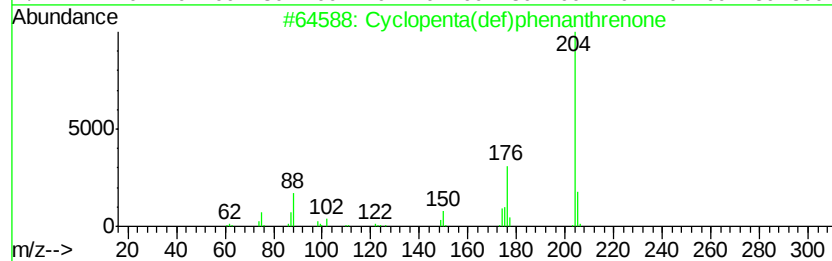
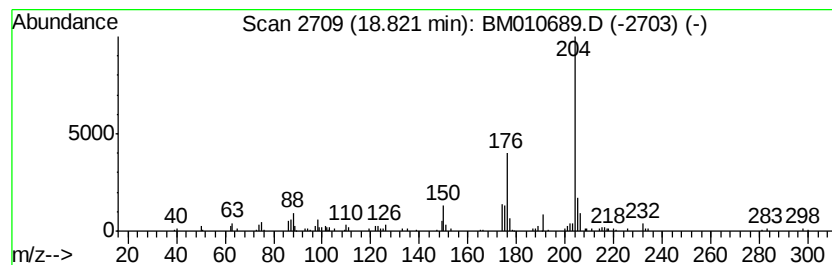
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.03 ng/ul	247390	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3		Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
4		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53



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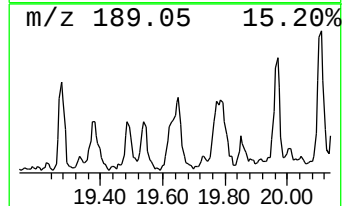
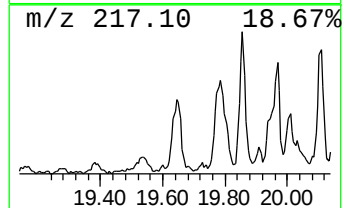
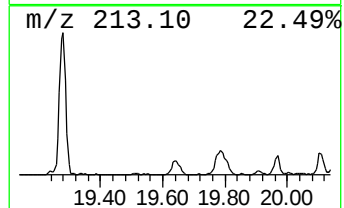
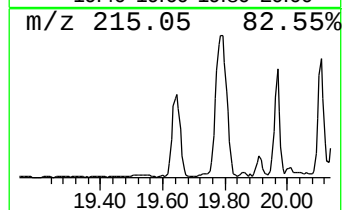
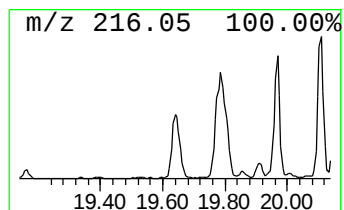
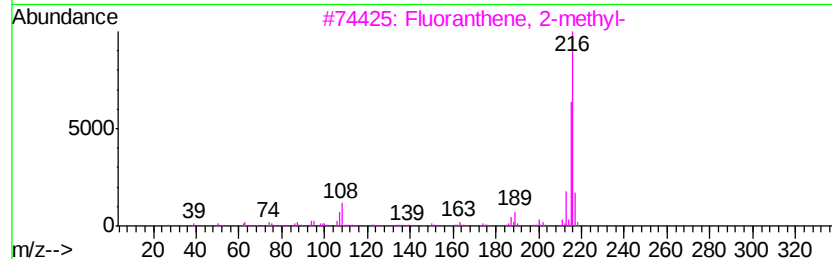
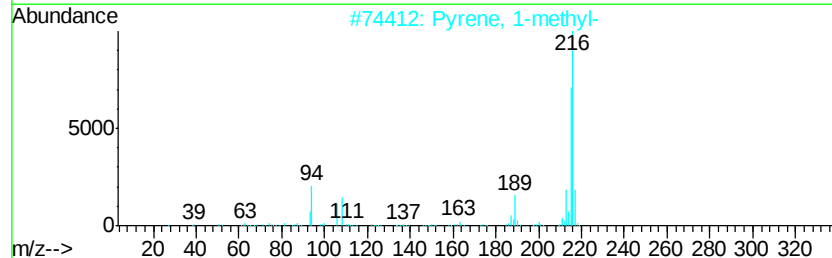
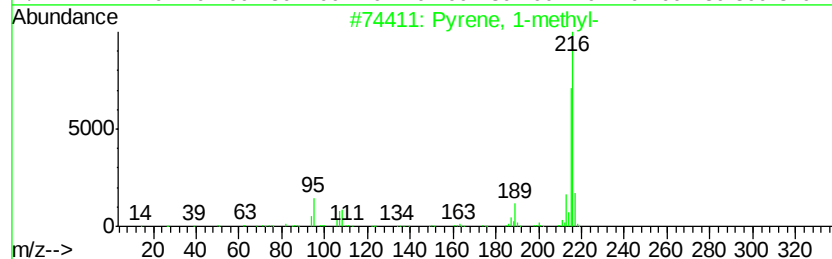
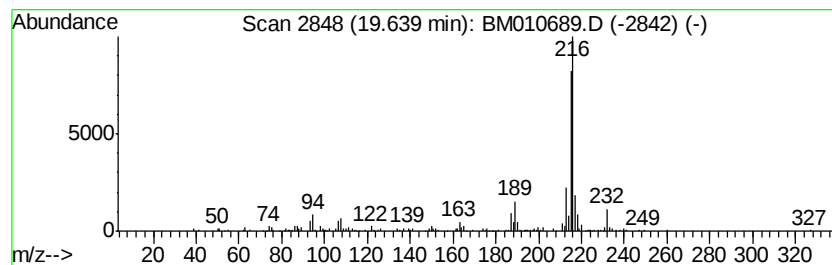
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.64	2.36 ng/ul	555795	Chrysene-d12		21.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-		216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

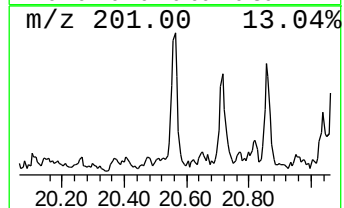
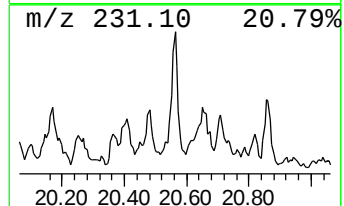
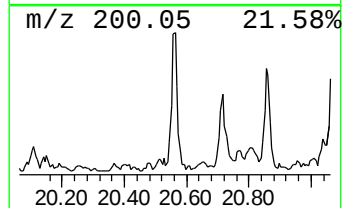
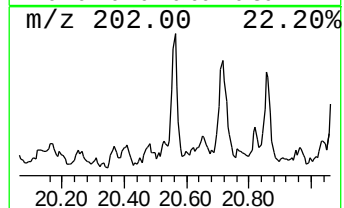
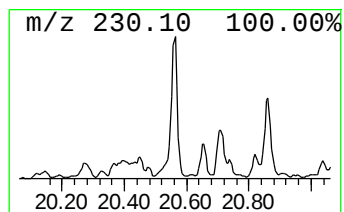
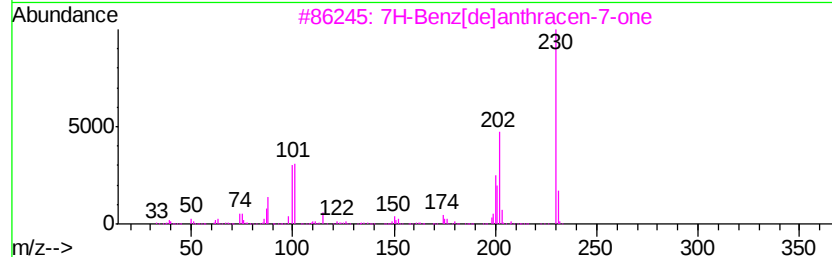
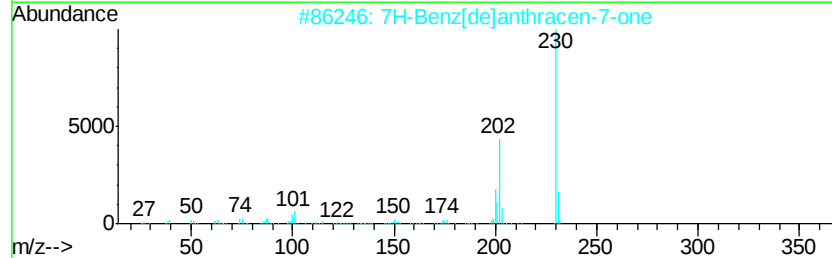
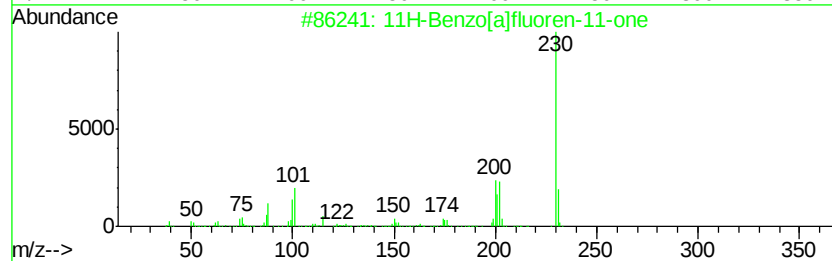
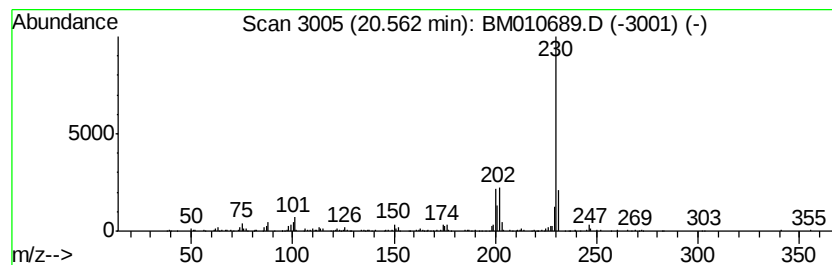
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.56	2.37 ng/ul	558025	Chrysene-d12	21.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95	
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89	
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83	
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76	
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
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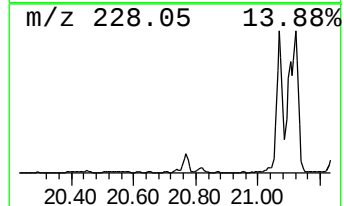
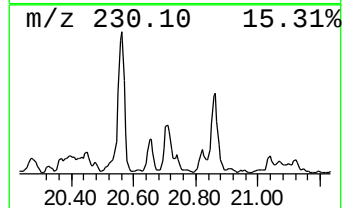
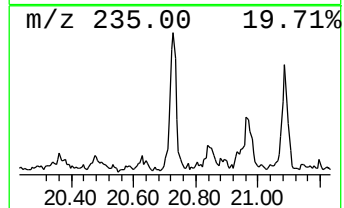
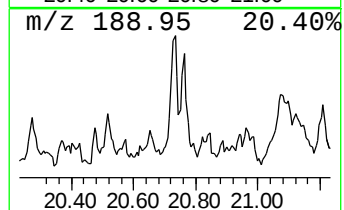
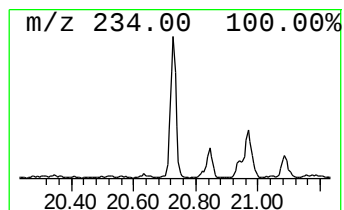
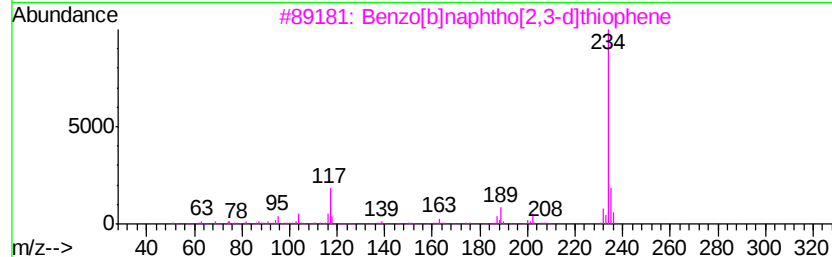
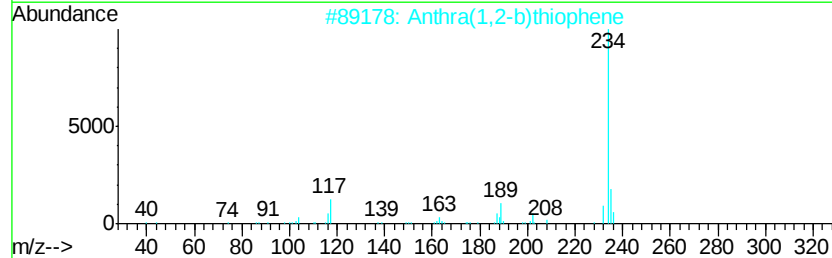
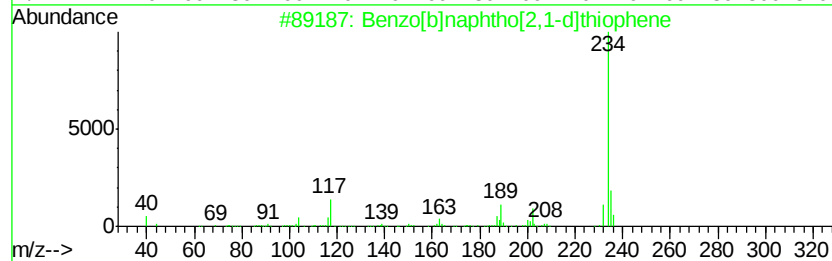
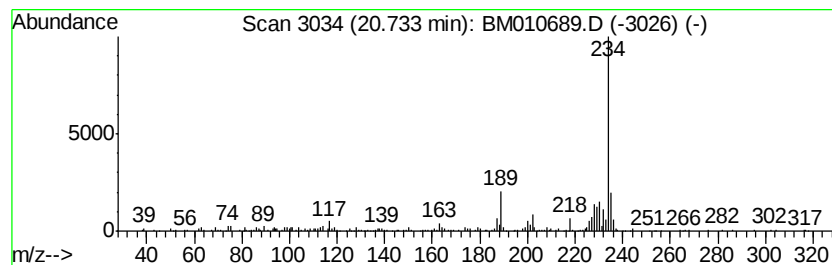
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	2.40 ng/ul	566468	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
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Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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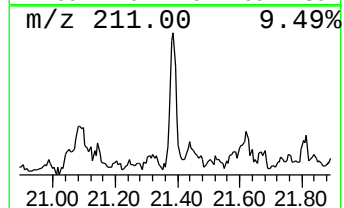
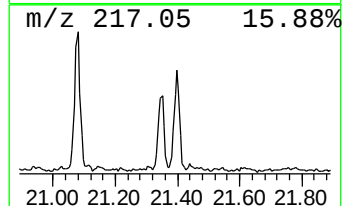
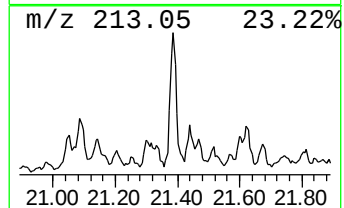
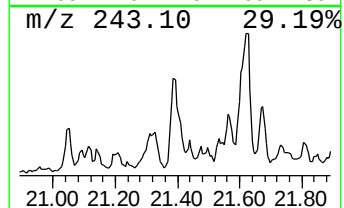
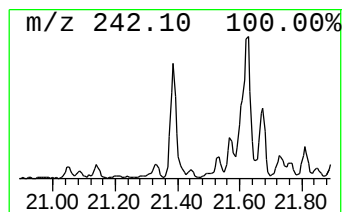
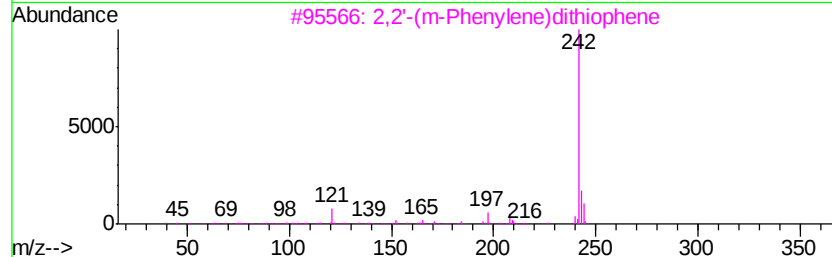
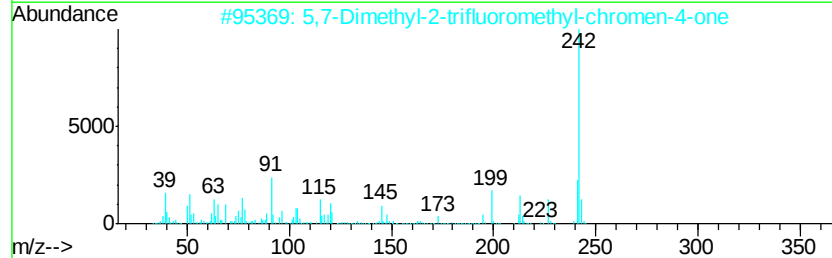
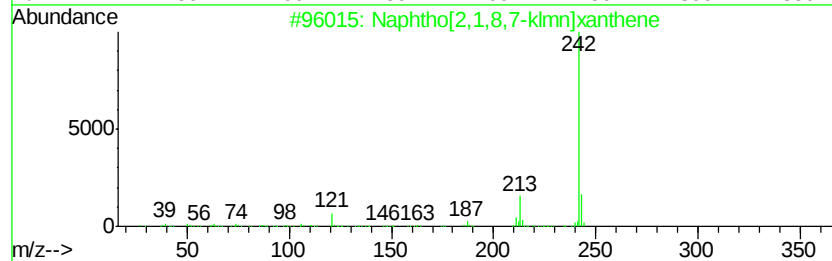
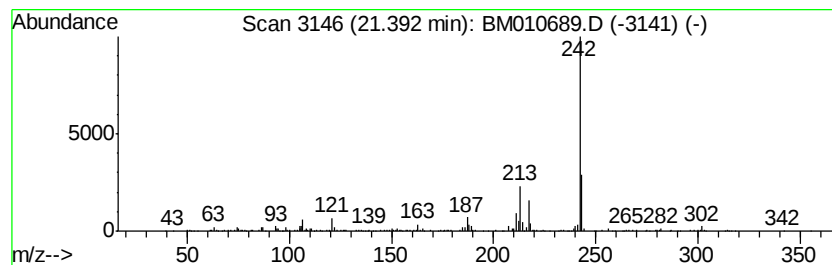
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.41 ng/ul	567726	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	94
2		5,7-Dimethyl-2-trifluoromethyl-c...	242	C12H9F3O2	000321-42-6	53
3		2,2'-(m-Phenylene)dithiophene	242	C14H10S2	104500-00-7	53
4		4-Benzylimidazole-5-(1-propenoic...	242	C14H14N2O2	1000126-22-0	50
5		Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
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Instrument :
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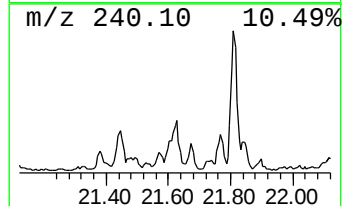
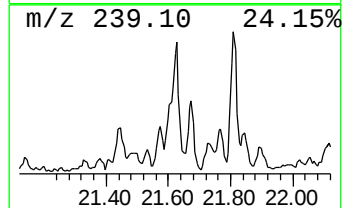
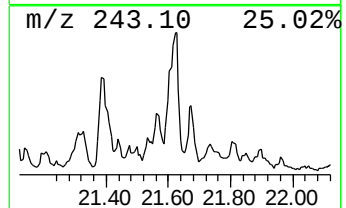
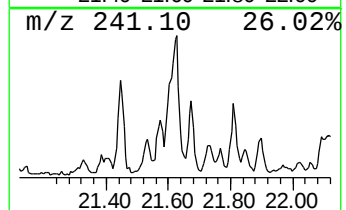
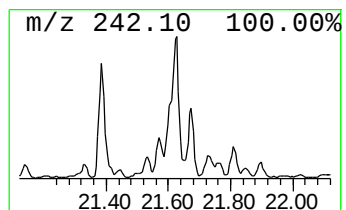
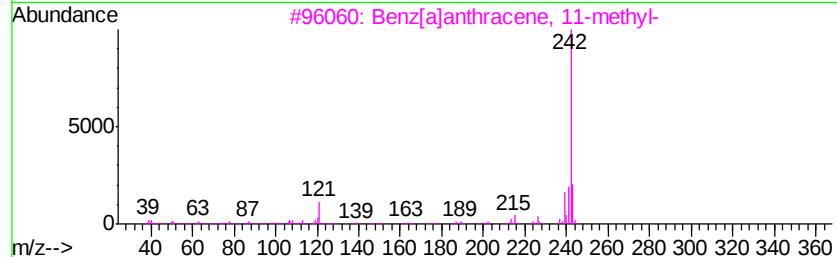
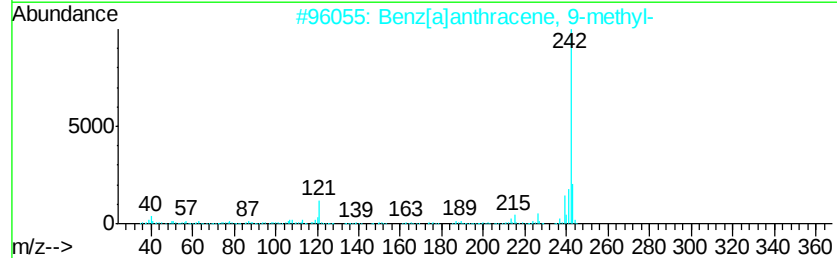
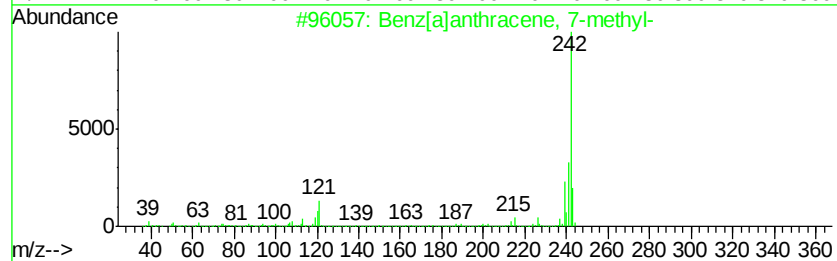
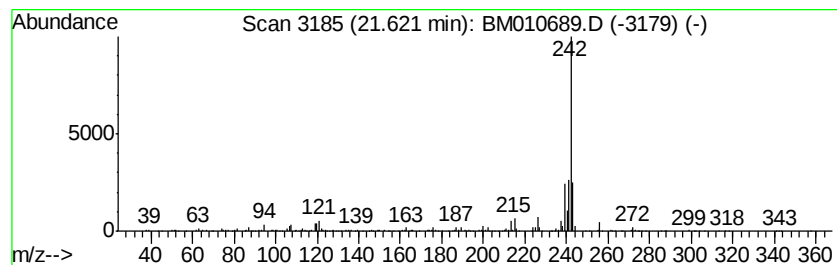
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Benz[a]anthracene, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	3.45 ng/ul	814655	Chrysene-d12	21.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2			Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	93
3			Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	93
4			Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	93
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
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ALS Vial : 7 Sample Multiplier: 1

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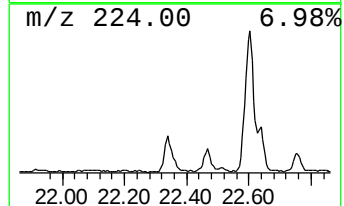
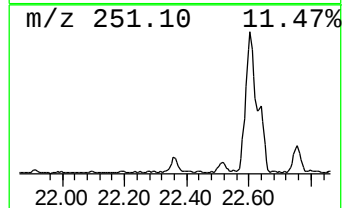
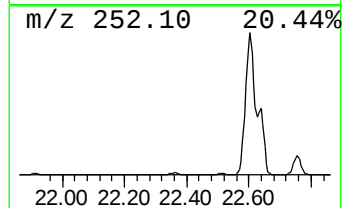
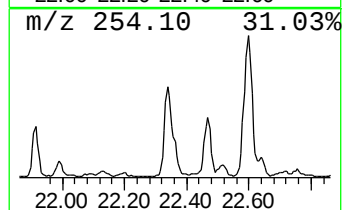
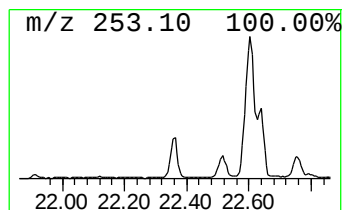
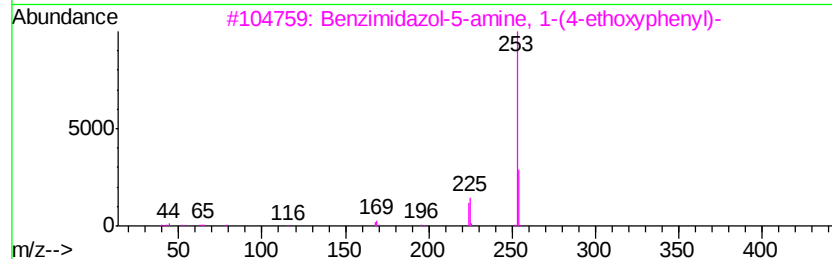
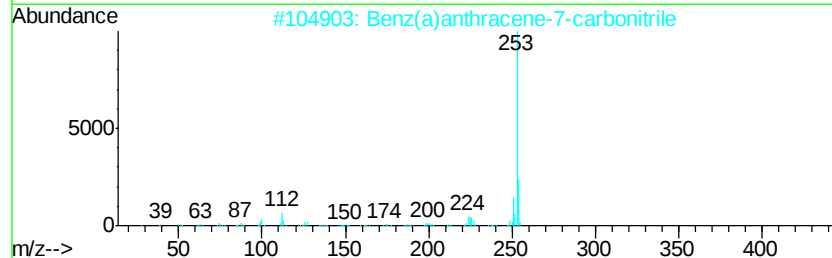
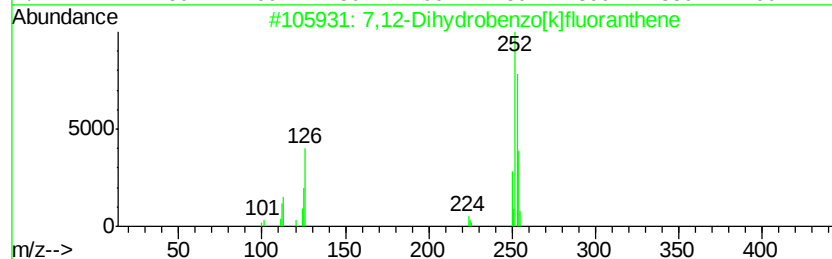
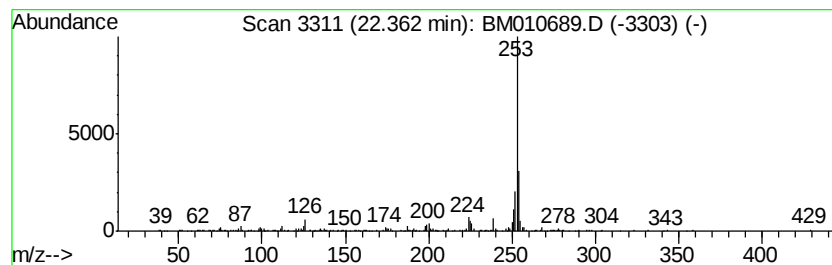
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	15.05 ng/ul	840203	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	83
2		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
3		Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	59
4		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	49
5		1,2-Dihydropyrido(3,2,1-kl)pheno...	253	C15H11NOS	069513-42-4	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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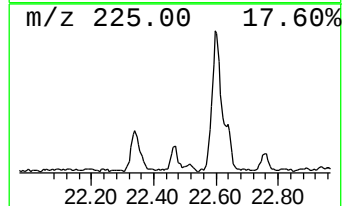
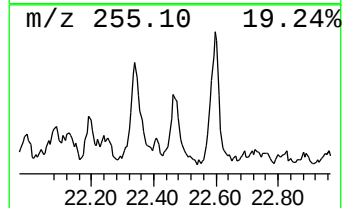
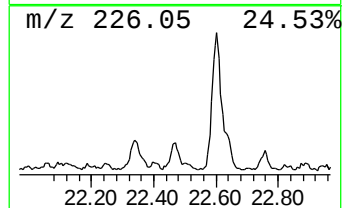
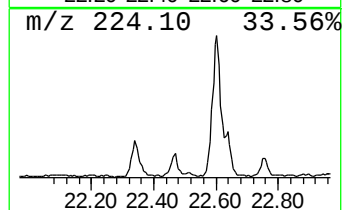
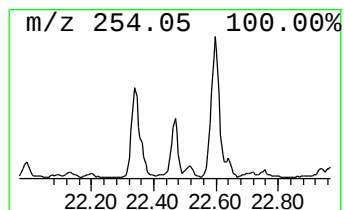
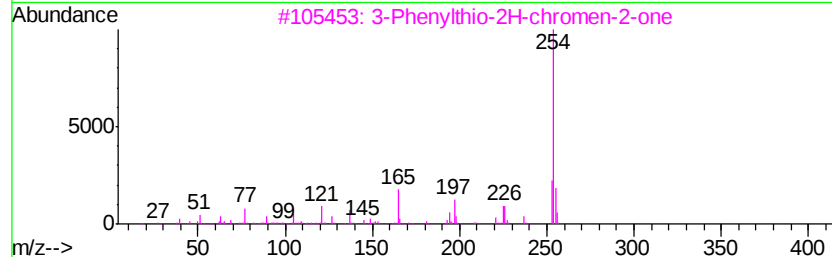
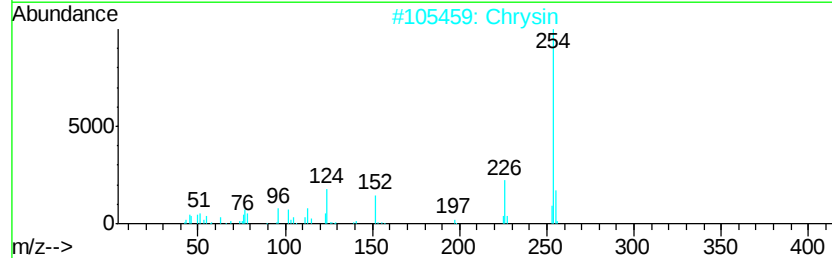
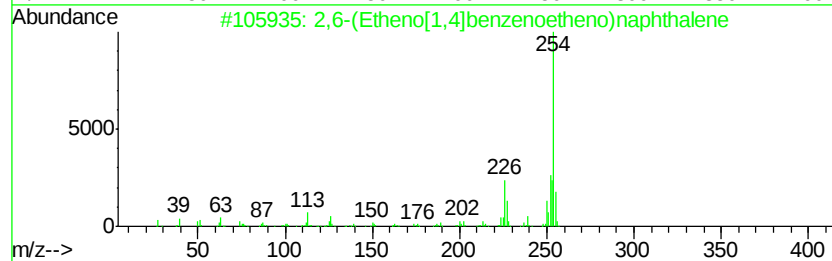
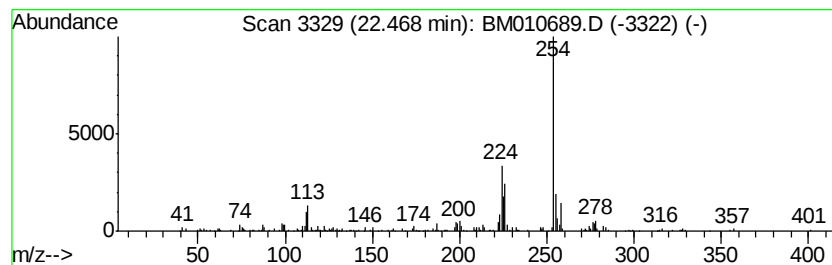
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	5.72 ng/ul	319407	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	53
2		Chrysin	254	C15H10O4	000480-40-0	52
3		3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	50
4		2,2'-Binaphthalene	254	C20H14	000612-78-2	49
5		3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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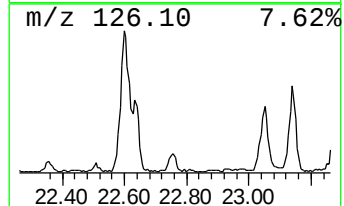
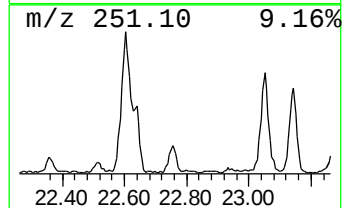
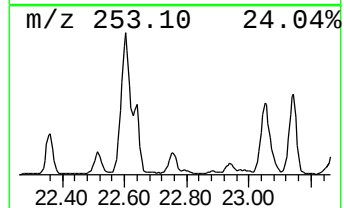
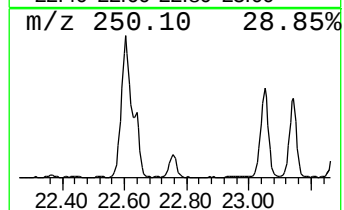
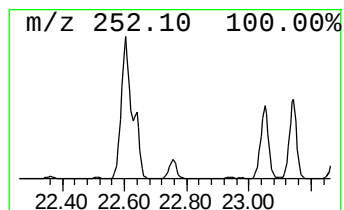
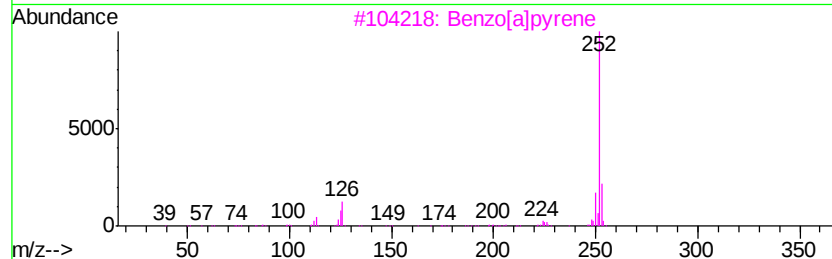
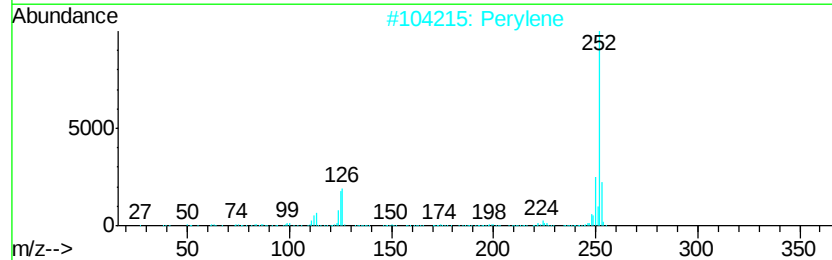
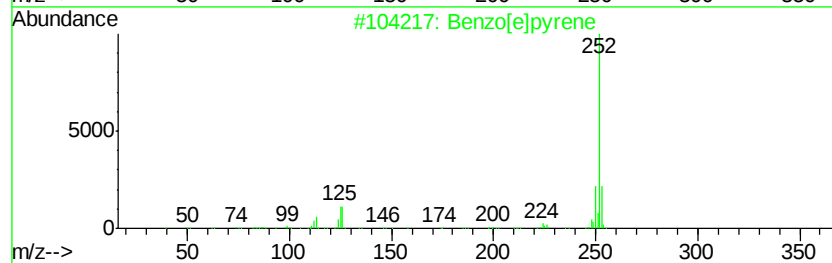
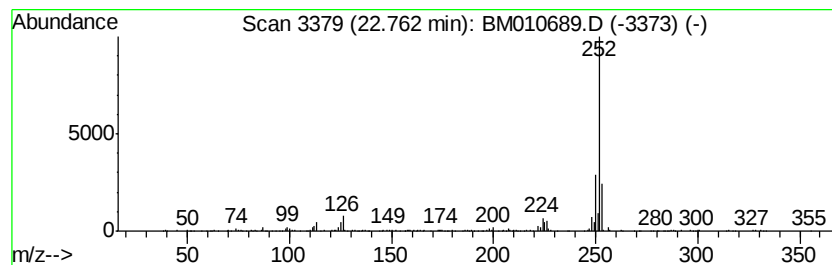
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	11.91 ng/ul	664743	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Perylene	252	C20H12	000198-55-0	90
3		Benzo[a]pyrene	252	C20H12	000050-32-8	87
4		Perylene	252	C20H12	000198-55-0	81
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

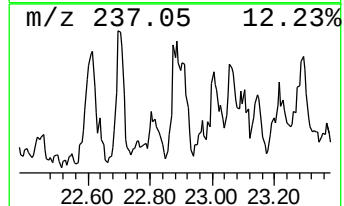
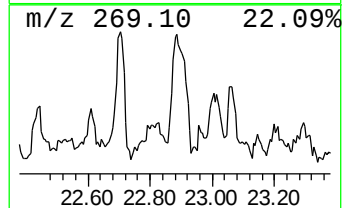
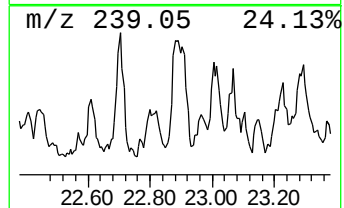
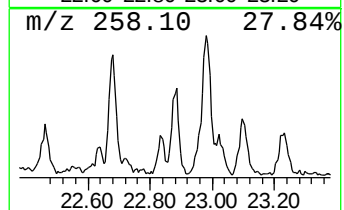
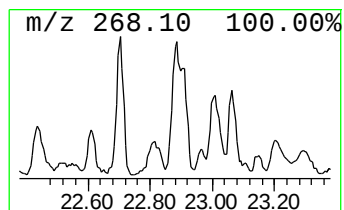
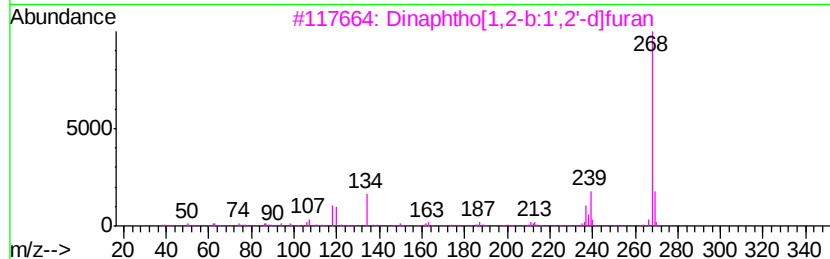
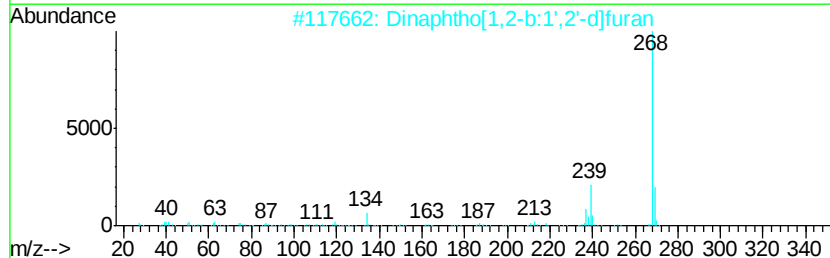
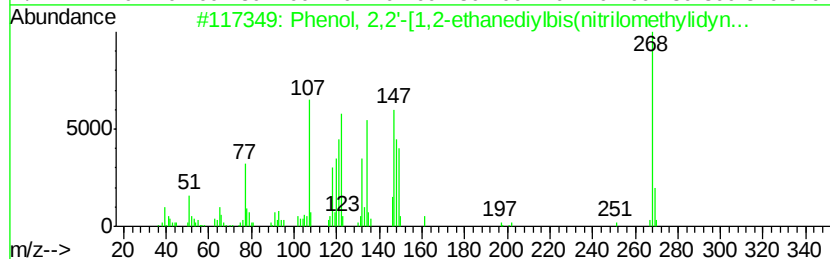
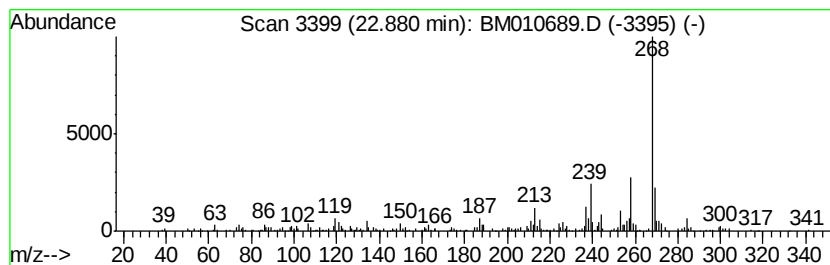
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenol, 2,2'-[1,2-ethanediyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.88	9.37 ng/ul	523154	Perylene-d12	23.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,2'-[1,2-ethanediylbis(...	268	C16H16N2O2	000094-93-9	87	
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76	
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68	
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64	
5	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	58	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampled :
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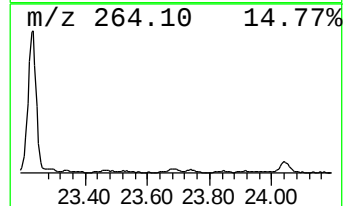
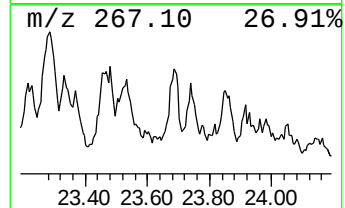
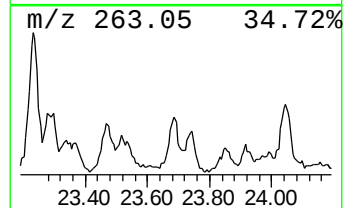
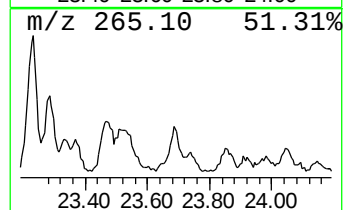
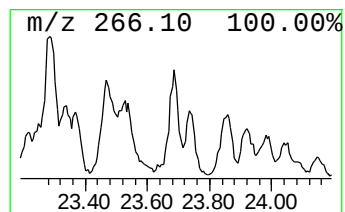
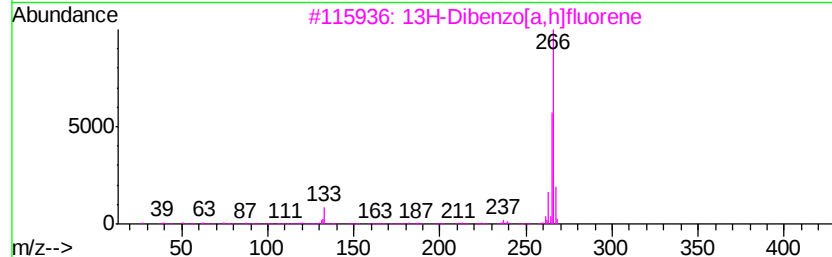
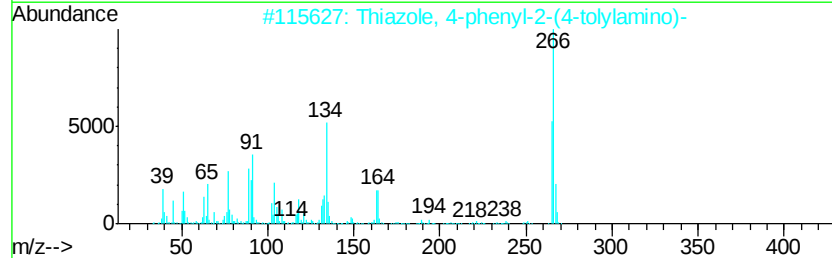
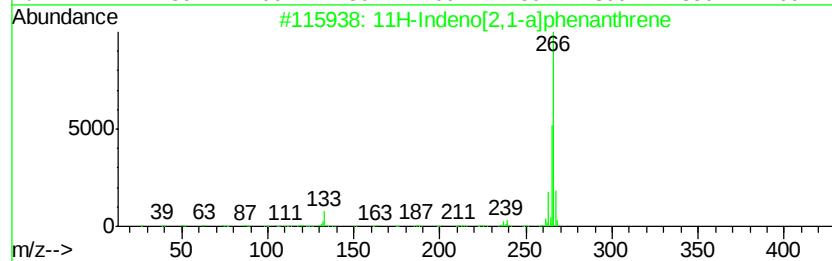
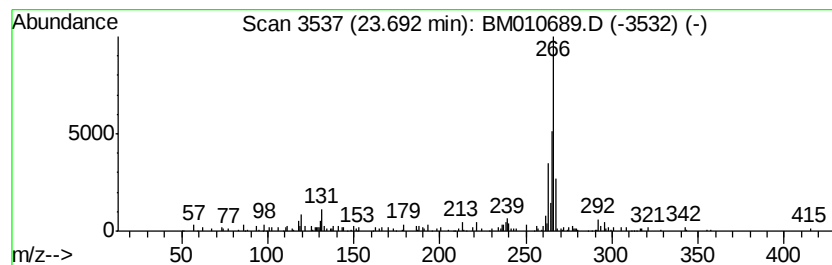
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 11H-Indeno[2,1-a]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.33 ng/ul	185902	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	74
2		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	64
3		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	64
4		Ethanone, 1-[4-[4-(dimethylamino...	266	C17H18N2O	038131-68-9	64
5		5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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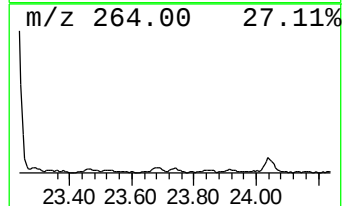
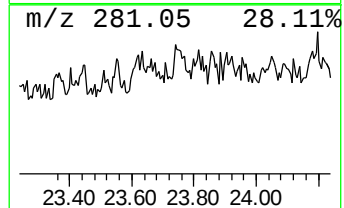
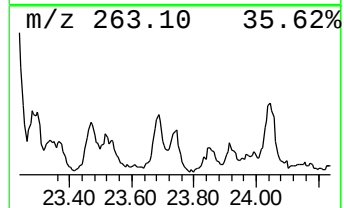
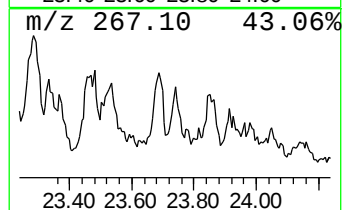
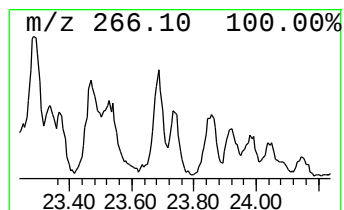
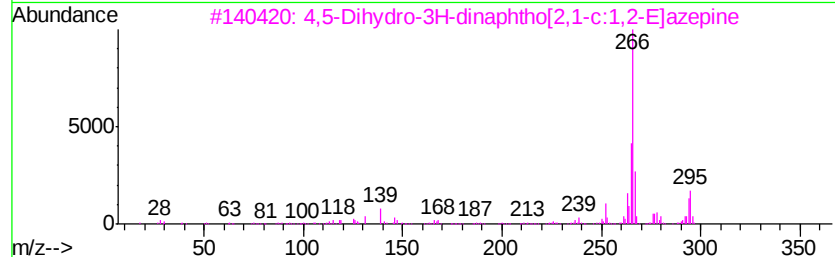
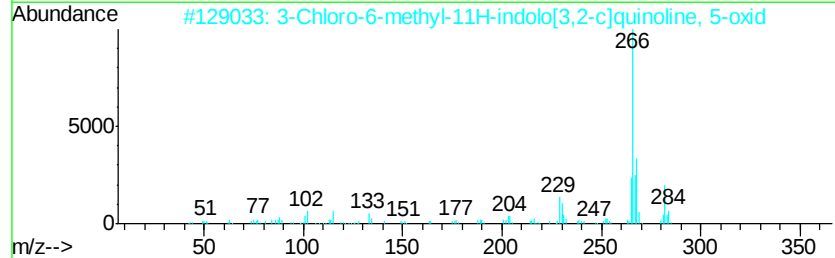
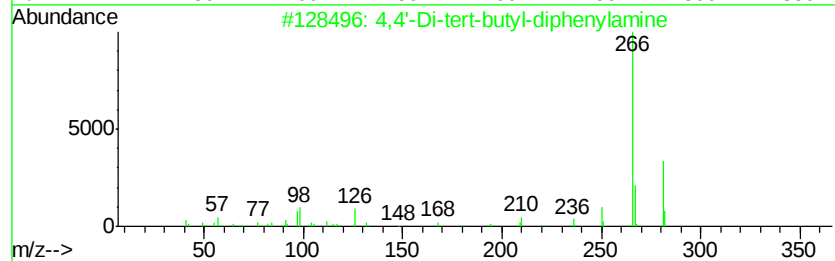
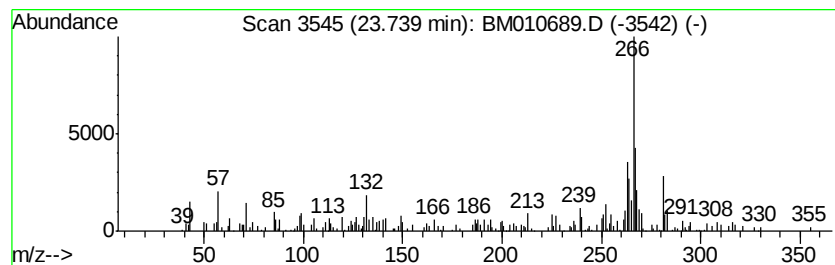
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 4,4'-Di-tert-butyl-diphenyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	5.01 ng/ul	279921	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Di-tert-butyl-diphenylamine	281	C20H27N	1000370-31-1	50
2			3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	50
3			4,5-Dihydro-3H-dinaphtho[2,1-c:1...	295	C22H17N	1000297-99-2	43
4			Methanesulfonamide, N-[2-(4-chlo...	345	C14H13ClFN02S2	1000266-14-4	38
5			Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010689.D
Acq On : 23 Jun 2017 13:28
Operator : SJ/JU
Sample : I3625-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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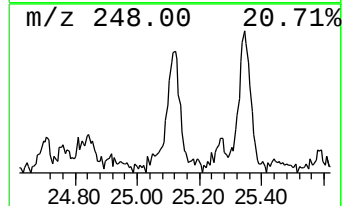
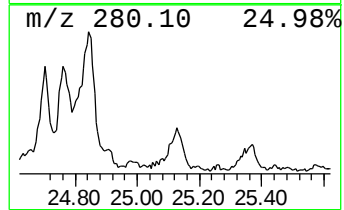
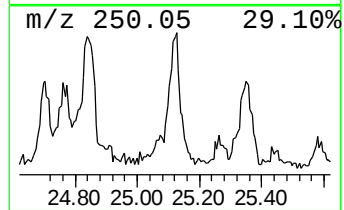
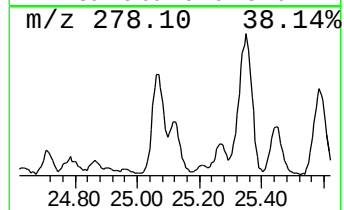
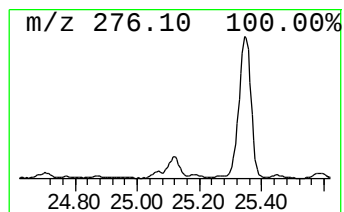
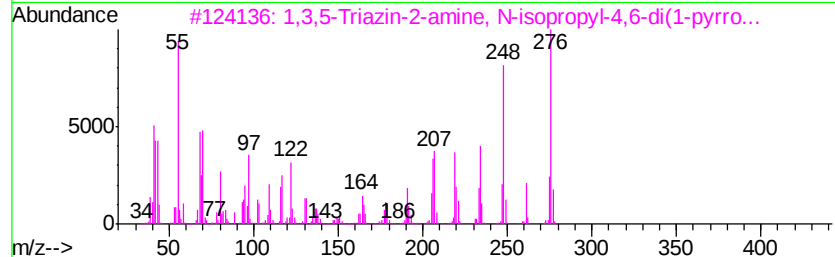
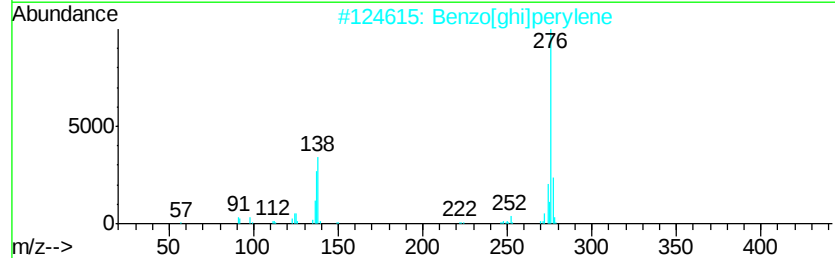
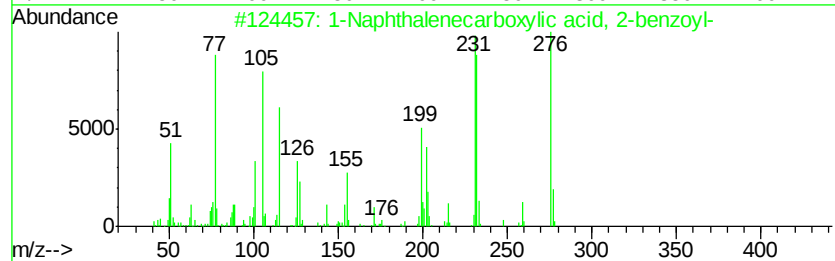
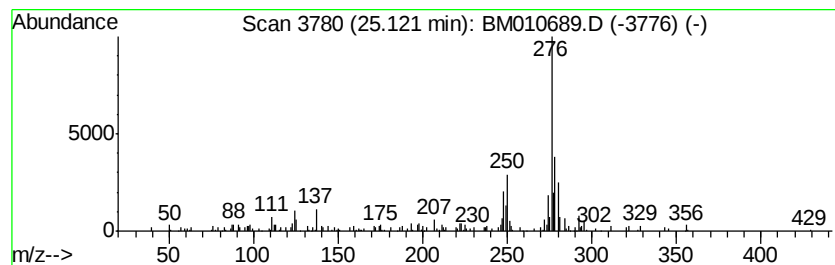
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1-Naphthalenecarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.12	6.87 ng/ul	383751	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	86
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	38
3		1,3,5-Triazin-2-amine, N-isoprop...	276	C14H24N6	1000276-80-0	38
4		Benzo[ghi]perylene	276	C22H12	000191-24-2	38
5		Benzo[ghi]perylene	276	C22H12	000191-24-2	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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 Acq On : 23 Jun 2017 13:28
 Operator : SJ/JU
 Sample : I3625-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 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
n-Hexadecanoic acid	17.79	6.8	ng/ul	552695	4	16.87	1634710	20.0
Naphthalene, 1,2-...	18.67	3.2	ng/ul	261497	4	16.87	1634710	20.0
Cyclopenta(def)ph...	18.82	3.0	ng/ul	247390	4	16.87	1634710	20.0
Pyrene, 1-methyl-	19.64	2.4	ng/ul	555795	5	21.09	4718620	20.0
11H-Benzo[a]fluor...	20.56	2.4	ng/ul	558025	5	21.09	4718620	20.0
Benzo[b]naphtho[2...	20.73	2.4	ng/ul	566468	5	21.09	4718620	20.0
Naphtho[2,1,8,7-k...	21.39	2.4	ng/ul	567726	5	21.09	4718620	20.0
Benz[a]anthracene...	21.62	3.5	ng/ul	814655	5	21.09	4718620	20.0
7,12-Dihydrobenzo...	22.36	15.1	ng/ul	840203	6	23.23	1116750	20.0
2,6-(Etheno[1,4]b...	22.47	5.7	ng/ul	319407	6	23.23	1116750	20.0
Benzo[e]pyrene	22.76	11.9	ng/ul	664743	6	23.23	1116750	20.0
Phenol, 2,2'-[1,2...	22.88	9.4	ng/ul	523154	6	23.23	1116750	20.0
11H-Indeno[2,1-a]...	23.69	3.3	ng/ul	185902	6	23.23	1116750	20.0
4,4'-Di-tert-buty...	23.74	5.0	ng/ul	279921	6	23.23	1116750	20.0
1-Naphthalenecarb...	25.12	6.9	ng/ul	383751	6	23.23	1116750	20.0