

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010524.D
 Acq On : 11 Jun 2017 14:22
 Operator : SJ/MA
 Sample : I3522-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C84

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-BM052717.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	7.075	671	678	689	rBV2	349683	633308	7.11%	0.736%
2	7.234	696	705	714	rBV	238677	392818	4.41%	0.456%
3	7.428	732	738	745	rBV	434785	686547	7.71%	0.798%
4	7.887	809	816	824	rBV	784224	1230975	13.83%	1.430%
5	8.610	932	939	947	rBV	467544	762259	8.56%	0.885%
6	9.075	1012	1018	1026	rBV2	362728	607859	6.83%	0.706%
7	9.787	1131	1139	1146	rBV	357657	573465	6.44%	0.666%
8	10.316	1222	1229	1240	rBV	544865	962731	10.81%	1.118%
9	10.692	1285	1293	1300	rBV	950731	1595707	17.92%	1.854%
10	10.857	1315	1321	1334	rBV2	415692	732581	8.23%	0.851%
11	13.939	1839	1845	1850	rBV	1005099	1426872	16.03%	1.658%
12	13.986	1850	1853	1861	rVB	443792	620825	6.97%	0.721%
13	14.227	1887	1894	1904	rBV	1008652	1715022	19.26%	1.992%
14	14.527	1939	1945	1953	rBV2	1432691	2141372	24.05%	2.488%
15	14.774	1978	1987	1997	rBV	205616	451026	5.07%	0.524%
16	15.516	2101	2113	2121	rBV	1320234	1985247	22.30%	2.306%
17	15.645	2130	2135	2142	rBV2	338269	502773	5.65%	0.584%
18	17.086	2374	2380	2385	rBV4	58392	98396	1.11%	0.114%
19	17.274	2406	2412	2417	rBV	2001615	2800842	31.46%	3.254%
20	17.316	2417	2419	2423	rVV	239463	292592	3.29%	0.340%
21	17.374	2423	2429	2433	rVV	1485156	2231439	25.06%	2.592%
22	17.404	2433	2434	2442	rVB	258944	332062	3.73%	0.386%
23	17.698	2479	2484	2489	rVB2	107309	209282	2.35%	0.243%
24	18.121	2552	2556	2564	rVV4	241636	443880	4.99%	0.516%
25	18.186	2564	2567	2572	rVV	85731	130092	1.46%	0.151%
26	18.339	2587	2593	2597	rBV5	103255	223612	2.51%	0.260%
27	18.398	2597	2603	2609	rVB2	154058	286192	3.21%	0.332%
28	18.639	2640	2644	2650	rVB3	88255	130002	1.46%	0.151%
29	18.698	2650	2654	2658	rBV2	154591	201143	2.26%	0.234%
30	18.927	2689	2693	2697	rVB5	79082	129310	1.45%	0.150%
31	19.051	2710	2714	2716	rBV	131374	190505	2.14%	0.221%
32	19.209	2735	2741	2746	rBV2	311370	489785	5.50%	0.569%
33	19.327	2755	2761	2766	rVB	4013079	5218236	58.61%	6.062%
34	19.392	2767	2772	2775	rBV5	143541	240776	2.70%	0.280%

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35	19.480	2783	2787	2790	rVB3	90074	113485	1.27%	0.132%
36	19.662	2811	2818	2820	rBV2	2279162	3541006	39.77%	4.113%
37	19.692	2820	2823	2828	rVV	4176169	5113024	57.43%	5.940%
38	19.751	2830	2833	2837	rVB2	202573	286899	3.22%	0.333%
39	19.804	2837	2842	2846	rBV	762723	953807	10.71%	1.108%
40	19.862	2848	2852	2856	rBV	293061	455067	5.11%	0.529%
41	19.933	2861	2864	2870	rVV2	1027618	1275731	14.33%	1.482%
42	20.004	2870	2876	2883	rVV3	497216	1159228	13.02%	1.347%
43	20.156	2894	2902	2909	rVB4	734975	1524977	17.13%	1.771%
44	20.315	2925	2929	2930	rBV	311856	410545	4.61%	0.477%
45	20.333	2930	2932	2936	rVV	488016	556318	6.25%	0.646%
46	20.368	2936	2938	2941	rVB3	122778	115242	1.29%	0.134%
47	20.474	2953	2956	2960	rBV	373060	462753	5.20%	0.538%
48	20.521	2961	2964	2972	rVB2	304889	455977	5.12%	0.530%
49	20.604	2976	2978	2984	rVB4	136347	190530	2.14%	0.221%
50	20.927	3028	3033	3039	rBV	1037271	1575609	17.70%	1.830%
51	21.086	3056	3060	3064	rBV2	735882	1144989	12.86%	1.330%
52	21.127	3064	3067	3070	rVV2	562375	700742	7.87%	0.814%
53	21.168	3070	3074	3079	rVV2	654987	1007855	11.32%	1.171%
54	21.221	3079	3083	3092	rVB2	624213	991919	11.14%	1.152%
55	21.439	3111	3120	3124	rBV2	3960858	8903200	100.00%	10.342%
56	21.480	3124	3127	3132	rVB	2775769	3407620	38.27%	3.958%
57	21.998	3212	3215	3221	rVB	563067	770065	8.65%	0.895%
58	22.503	3299	3301	3307	rBV5	242746	326274	3.66%	0.379%
59	23.068	3391	3397	3403	rBV	3186876	7719754	86.71%	8.968%
60	23.515	3470	3473	3478	rVV5	276414	432879	4.86%	0.503%
61	23.574	3478	3483	3488	rVV	1439863	2610388	29.32%	3.032%
62	23.627	3488	3492	3496	rVV2	1536578	2832180	31.81%	3.290%
63	23.674	3496	3500	3507	rVB	1464696	2695969	30.28%	3.132%
64	23.780	3512	3518	3523	rBV	1974852	3680893	41.34%	4.276%

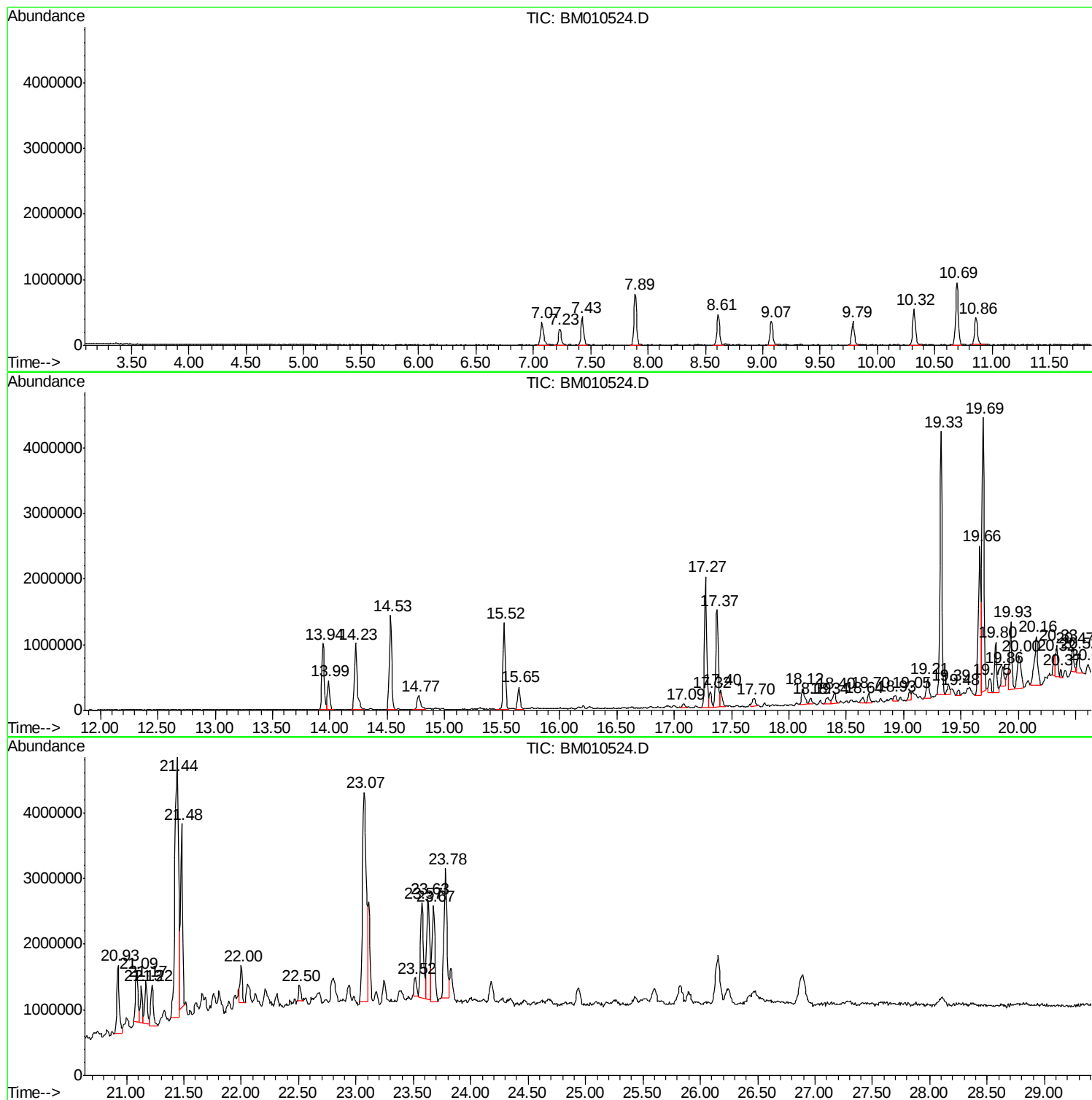
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Quant Title : SVOA CALIBRATION

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



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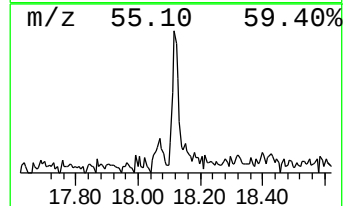
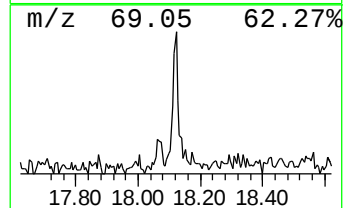
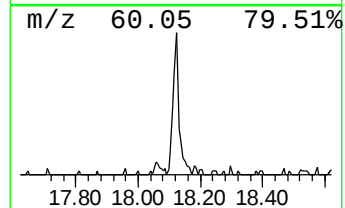
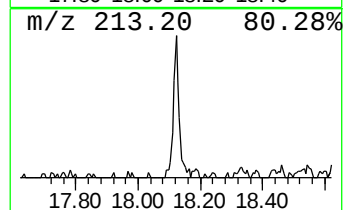
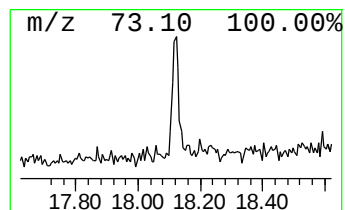
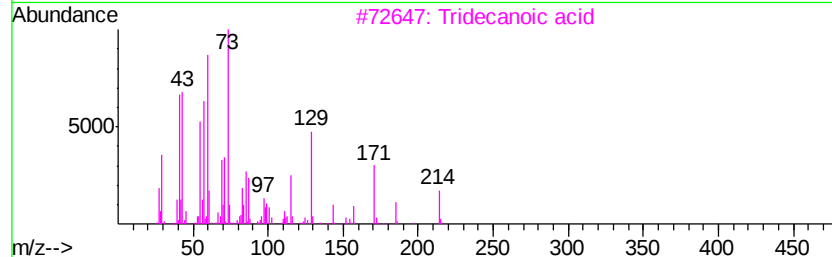
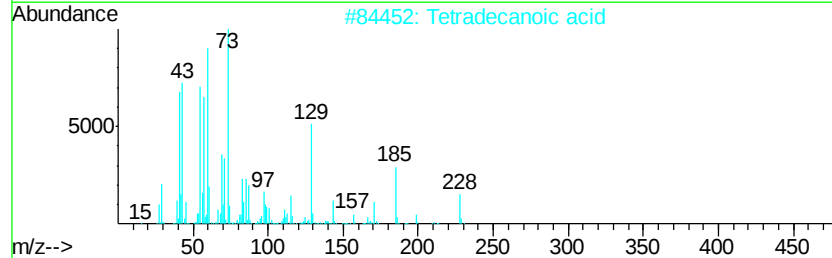
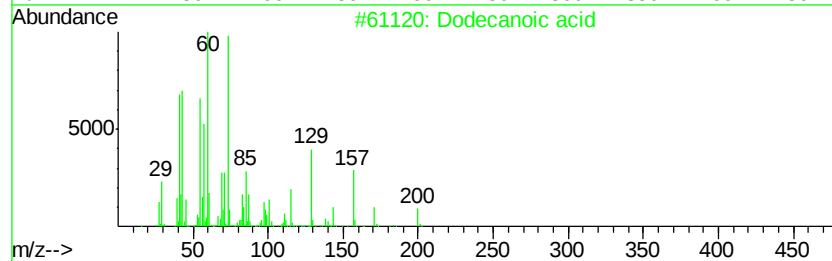
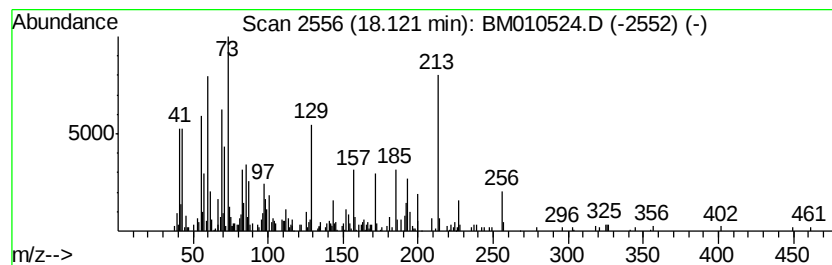
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.17 ng/ul	443880	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	42
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	38
3		Tridecanoic acid	214	C13H26O2	000638-53-9	38
4		n-Decanoic acid	172	C10H20O2	000334-48-5	38
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	35



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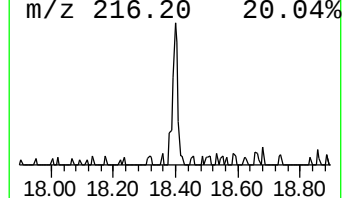
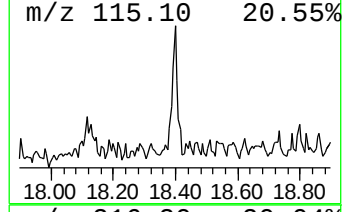
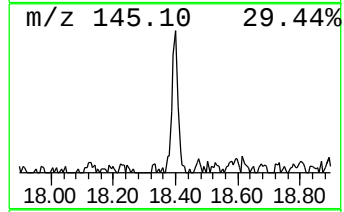
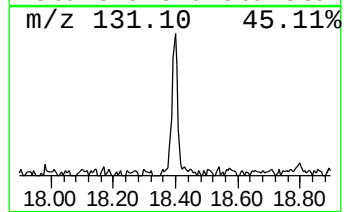
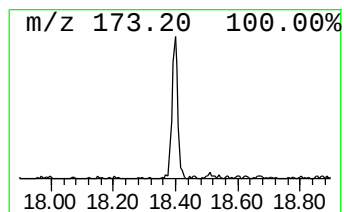
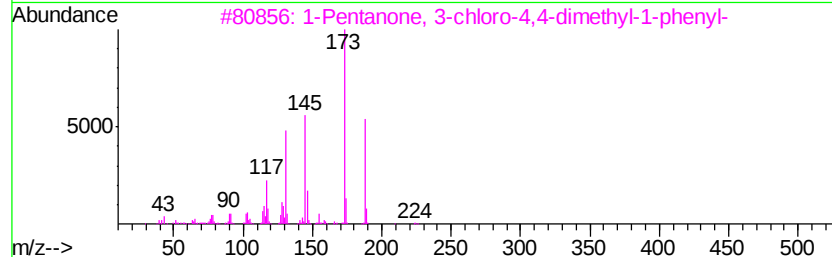
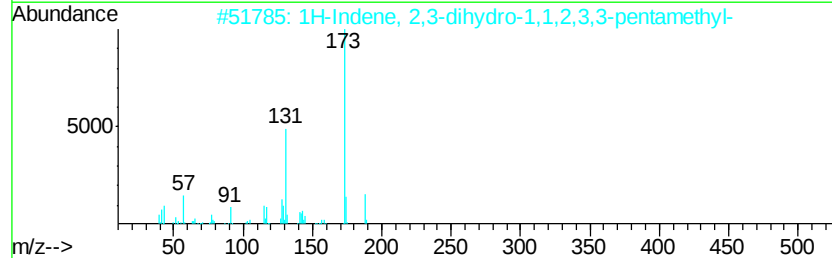
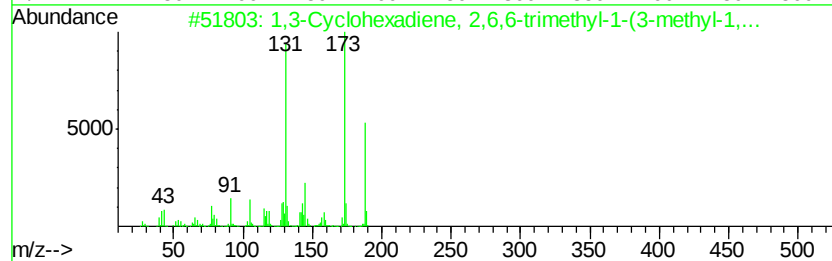
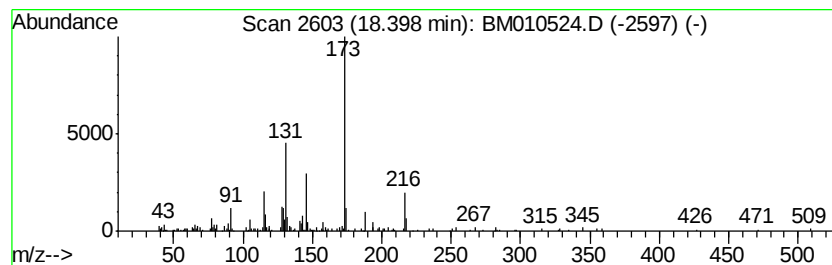
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,3-Cyclohexadiene, 2,6,6-t... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.04 ng/ul	286192	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexadiene, 2,6,6-trimet...	188	C14H20	052260-01-2	59
2		1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	55
3		1-Pentanone, 3-chloro-4,4-dimeth...	224	C13H17ClO	1000362-12-9	50
4		N-(4-Hydroxymethylphenyl)pyrrole	173	C11H11NO	143426-51-1	46
5		Naphthalene, 6-(1-ethylpropyl)-1...	202	C15H22	054889-56-4	45



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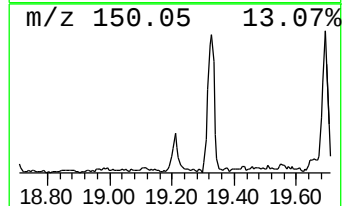
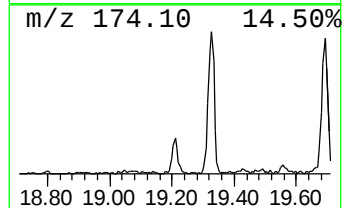
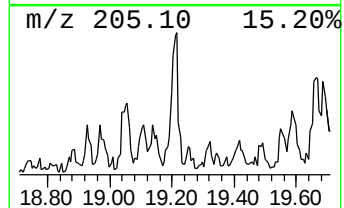
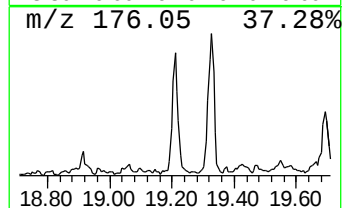
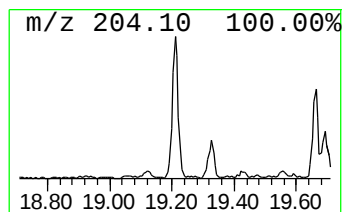
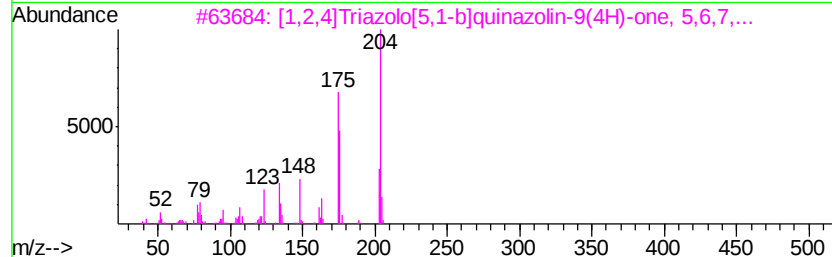
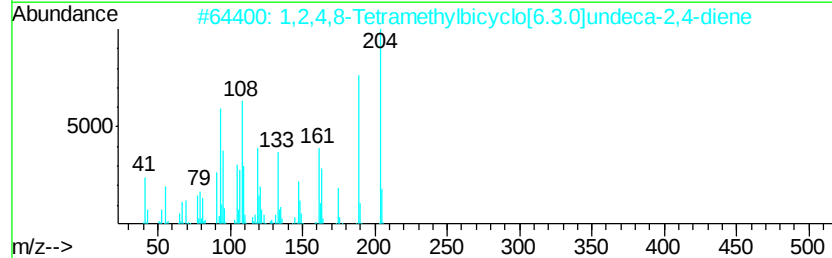
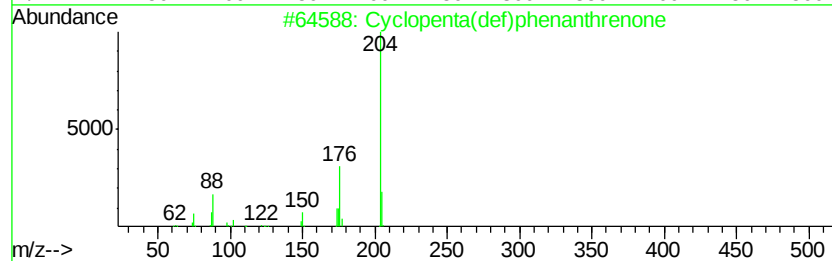
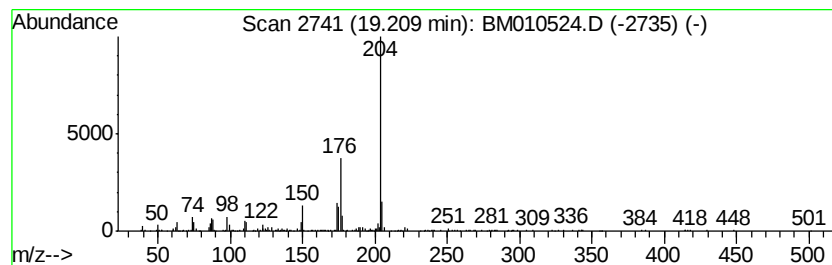
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	3.50 ng/ul	489785	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	58
3		[1,2,4]Triazolo[5,1-b]quinazolin...	204	C10H12N4O	1000337-56-5	53
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



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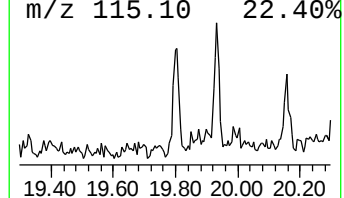
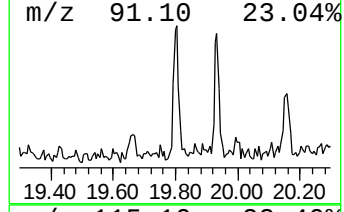
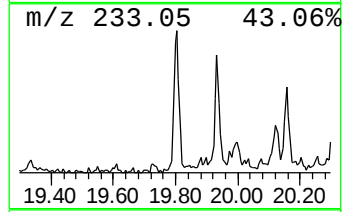
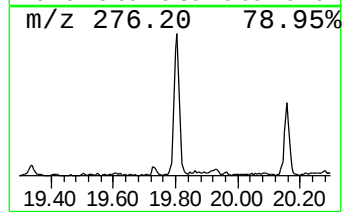
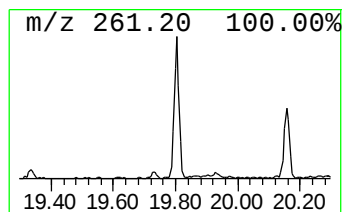
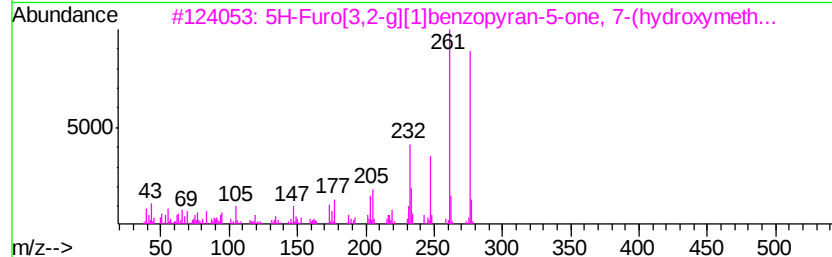
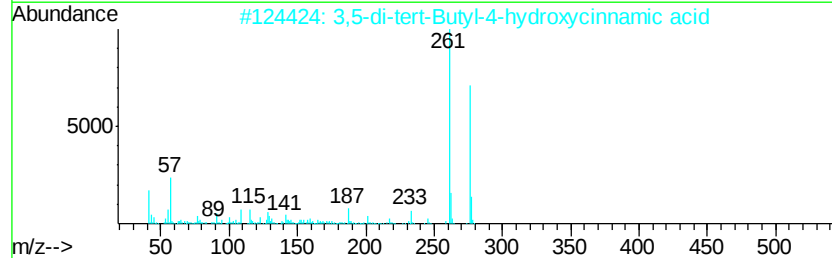
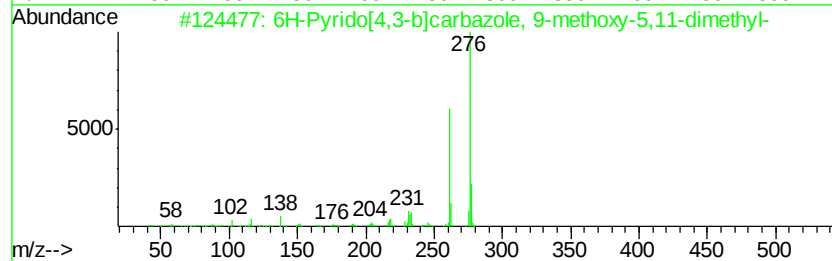
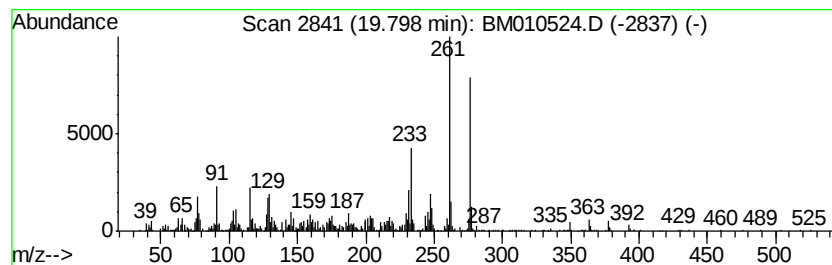
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 6H-Pyrido[4,3-b]carbazole, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.14 ng/ul	953807	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	80
2		3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70
3		5H-Furo[3,2-g][1]benzopyran-5-on...	276	C14H12O6	000668-10-0	64
4		(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	55
5		[4,5'-Bipyrimidine]-4',6(1H,1'H)...	276	C12H16N6O2	059549-59-6	50



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ClientSampleId :
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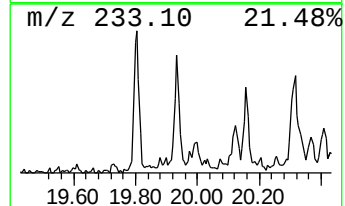
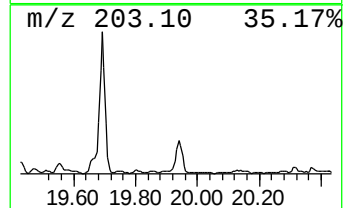
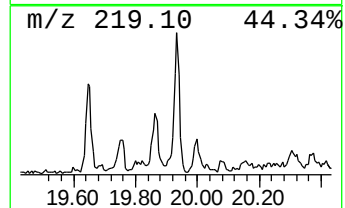
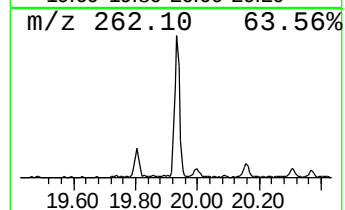
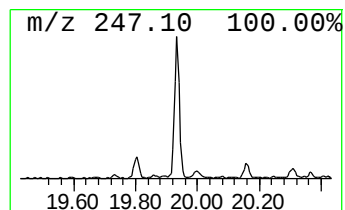
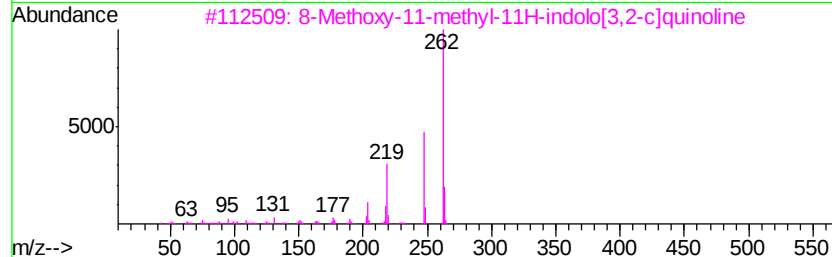
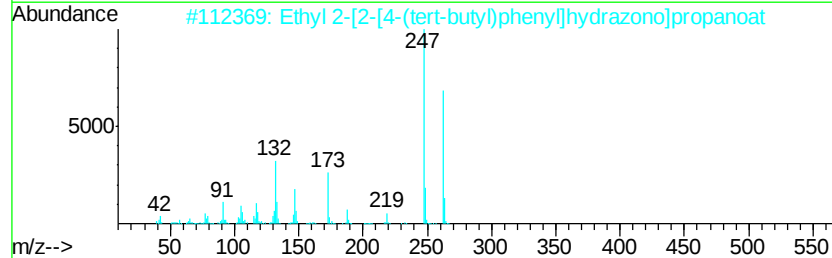
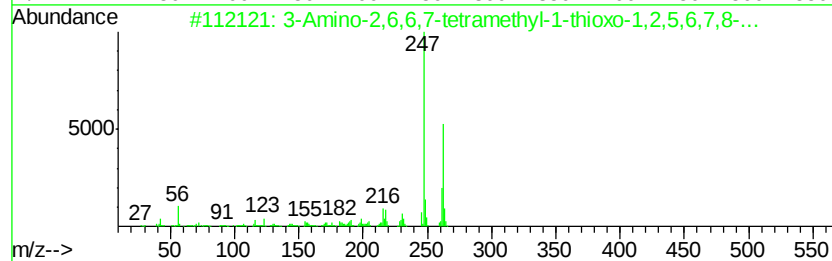
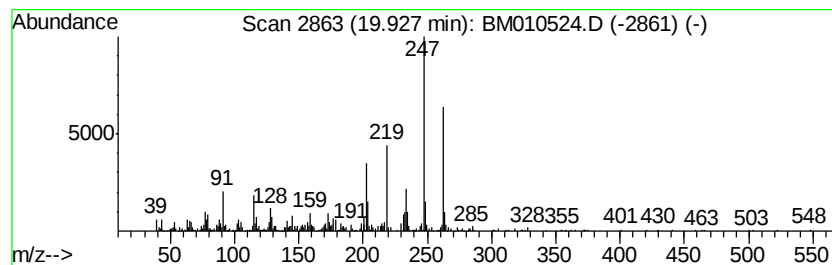
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.87 ng/ul	1275730	Chrysene-d12	21.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-2,6,6,7-tetramethyl-1-th...	262	C13H18N4S	1000310-42-7	49		
2	Ethyl 2-[2-[4-(tert-butyl)phenyl]...	262	C15H22N2O2	036637-46-4	46		
3	8-Methoxy-11-methyl-11H-indolo[3...	262	C17H14N2O	155249-59-5	46		
4	3-Iodobenzoic amide	247	C7H6INO	010388-19-9	30		
5	5-[2,4-Dimethoxyphenyl]pyrazole-...	247	C12H13N3O3	1000211-49-3	30		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010524.D
Acq On : 11 Jun 2017 14:22
Operator : SJ/MA
Sample : I3522-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

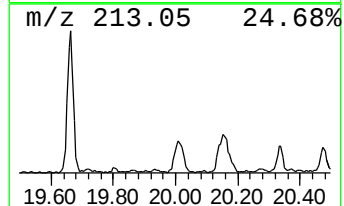
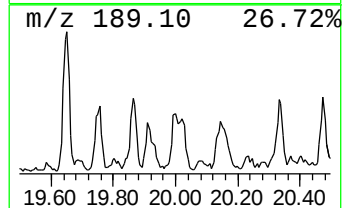
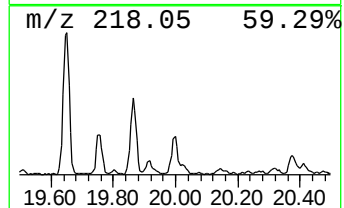
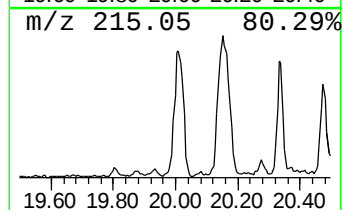
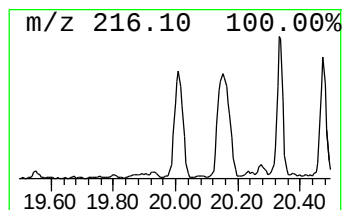
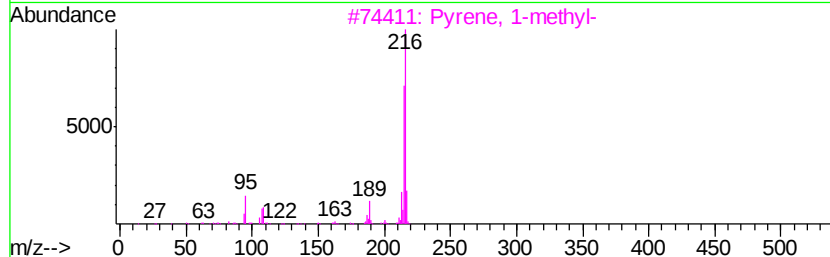
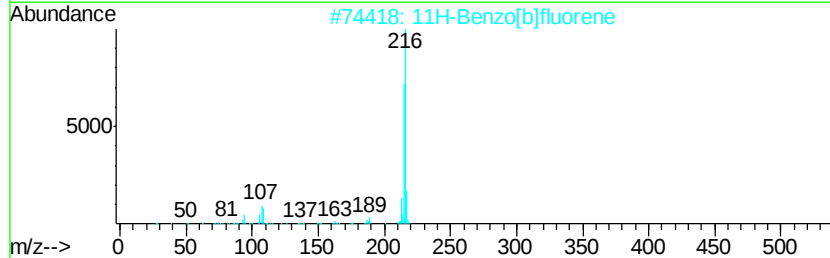
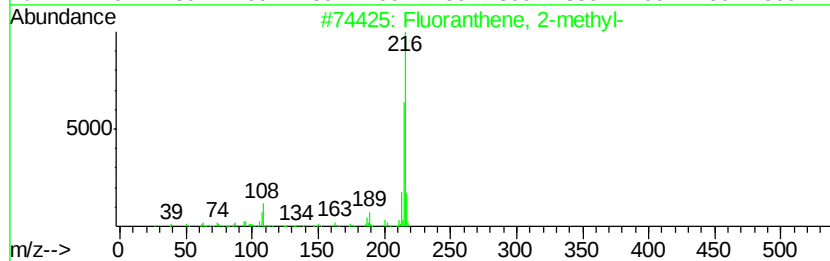
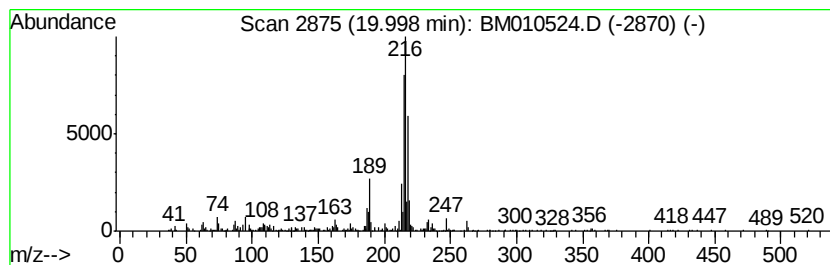
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.00	2.60 ng/ul	1159230	Chrysene-d12	21.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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Acq On : 11 Jun 2017 14:22
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Sample : I3522-03
Misc :
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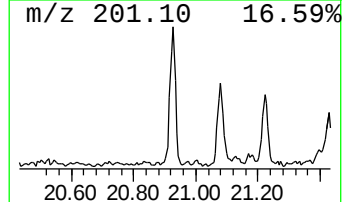
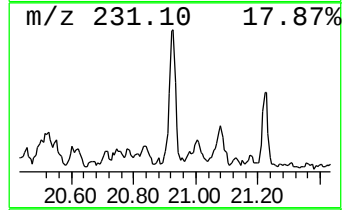
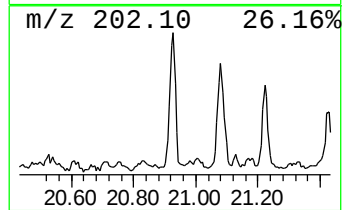
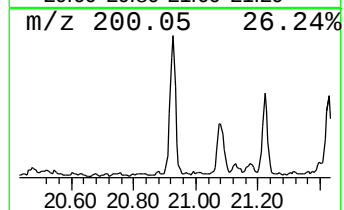
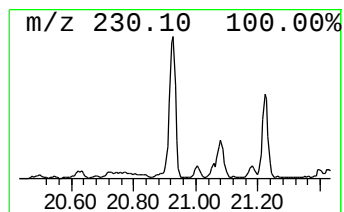
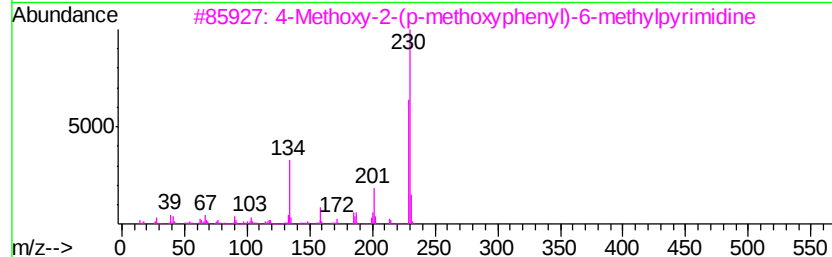
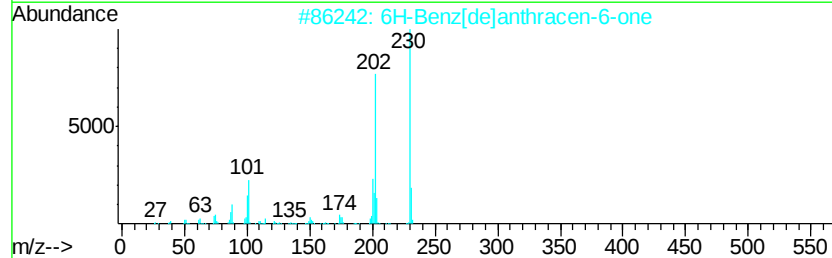
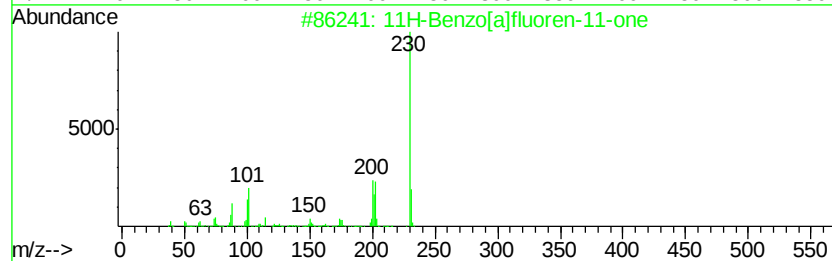
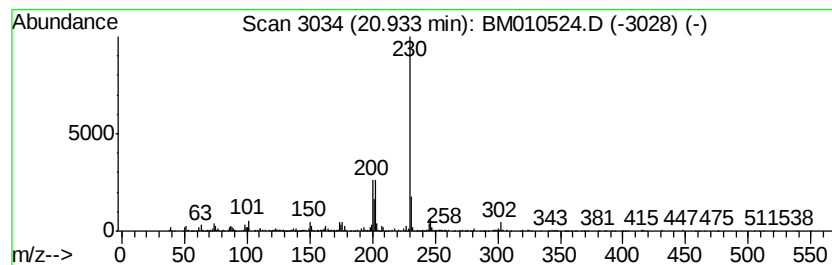
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.93	3.54 ng/ul	1575610	Chrysene-d12	21.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
3		4-Methoxy-2-(p-methoxyphenyl)-6-...	230	C13H14N2O2	063896-93-5	53
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010524.D
Acq On : 11 Jun 2017 14:22
Operator : SJ/MA
Sample : I3522-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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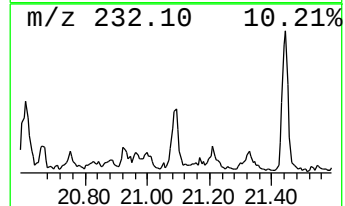
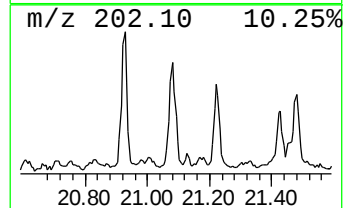
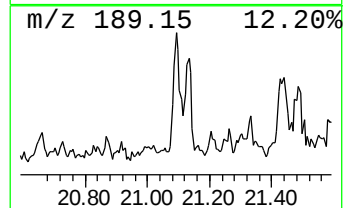
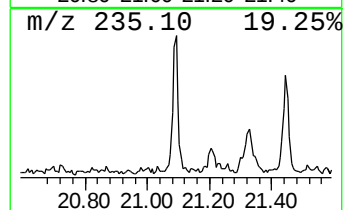
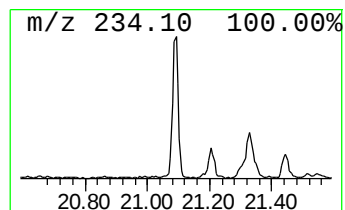
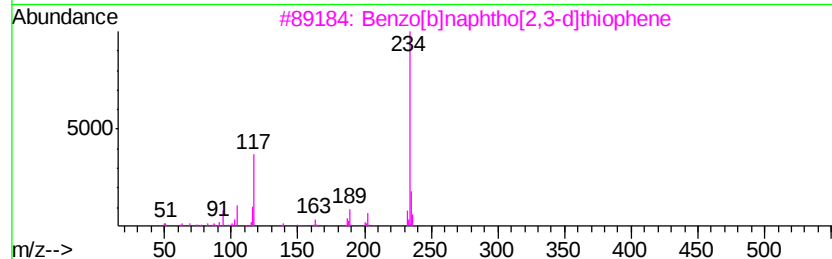
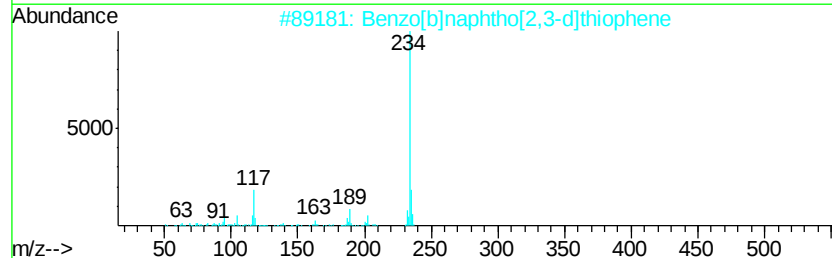
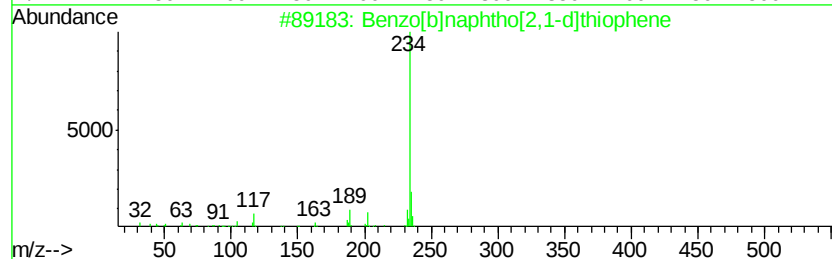
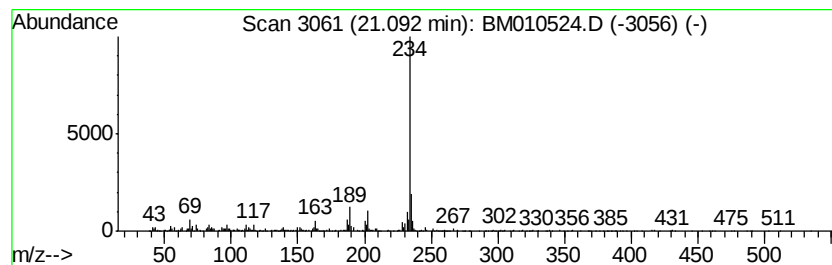
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.57 ng/ul	1144990	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	74
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	74
5		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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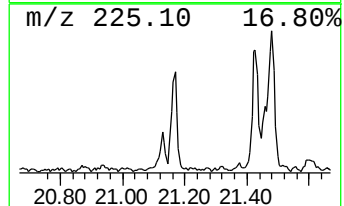
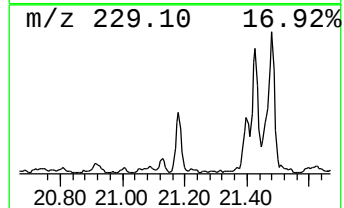
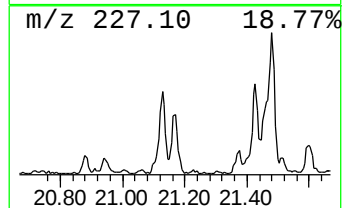
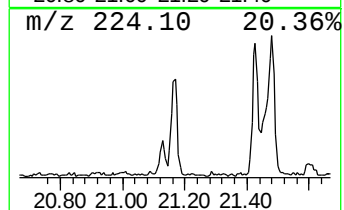
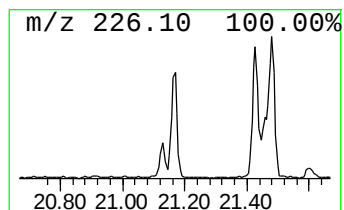
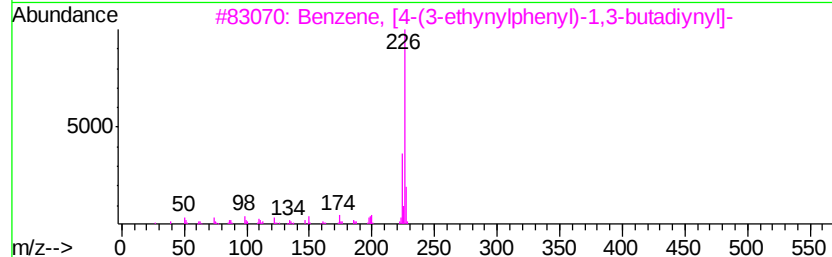
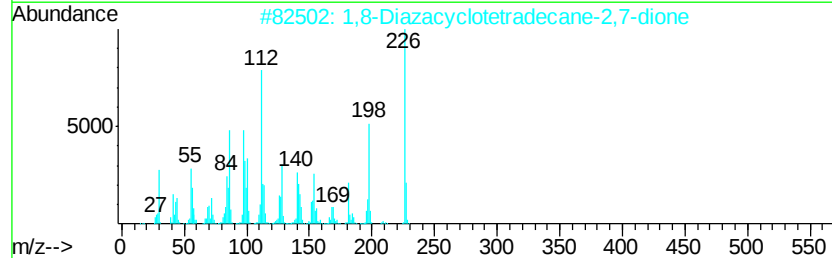
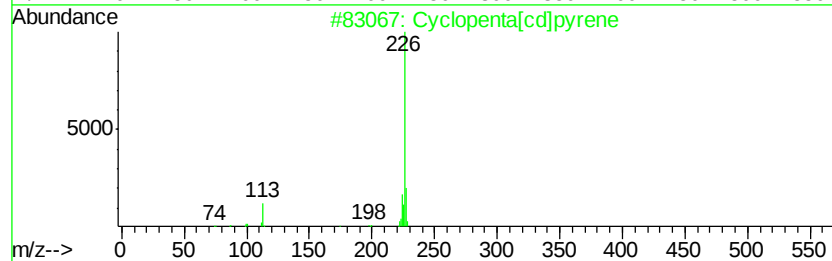
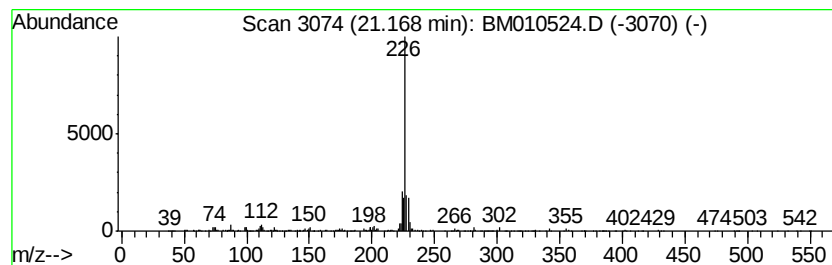
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.26 ng/ul	1007860	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2		1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	47
3		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
4		Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	33
5		Anthracene, 1,8-diacetoxy-9-hydr...	310	C18H14O5	1000374-77-6	33



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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Acq On : 11 Jun 2017 14:22
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Misc :
ALS Vial : 49 Sample Multiplier: 1

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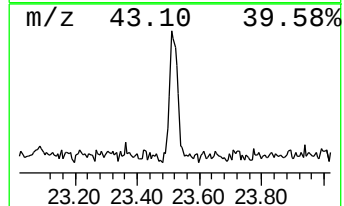
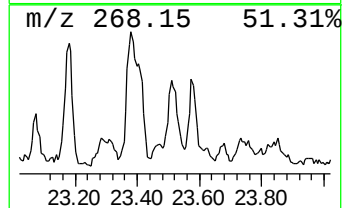
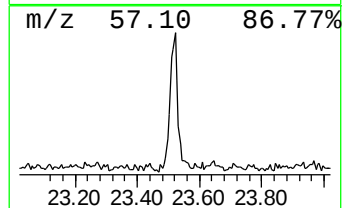
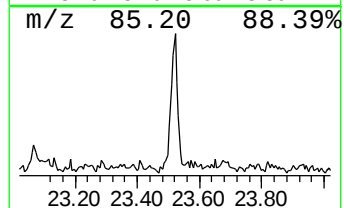
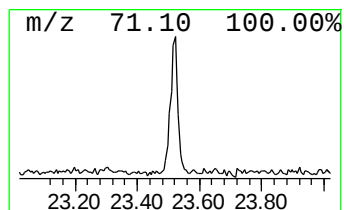
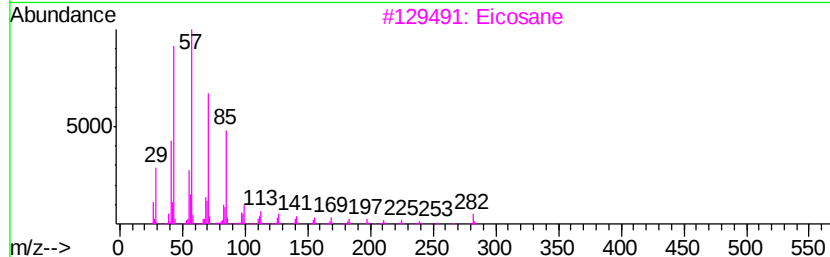
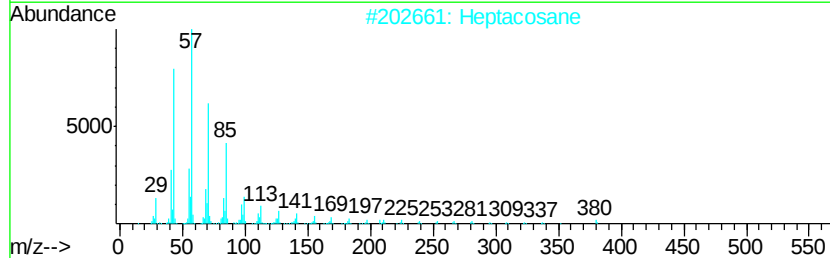
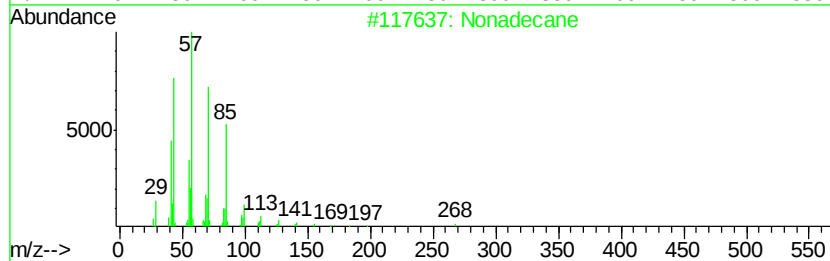
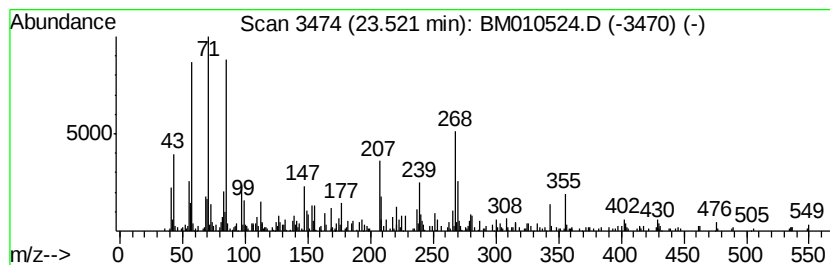
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	2.35 ng/ul	432879	Perylene-d12	23.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	74
2			Heptacosane	380	C27H56	000593-49-7	64
3			Eicosane	282	C20H42	000112-95-8	58
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	52
5			Boric acid, ethyl-, didecyl ester	354	C22H47B02	1000152-34-4	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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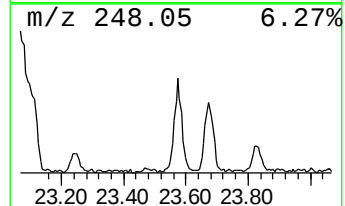
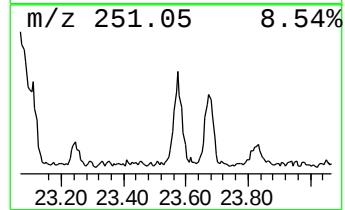
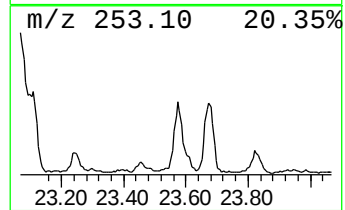
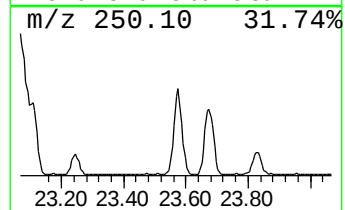
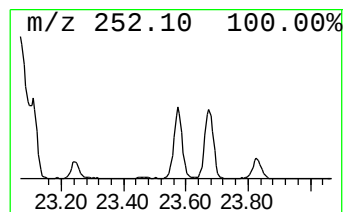
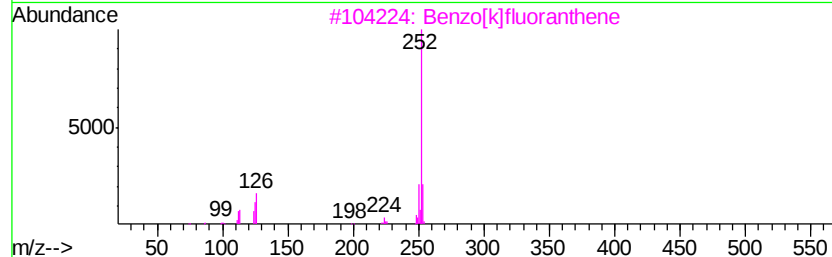
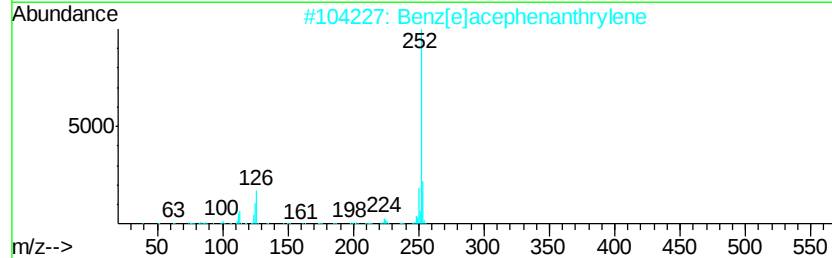
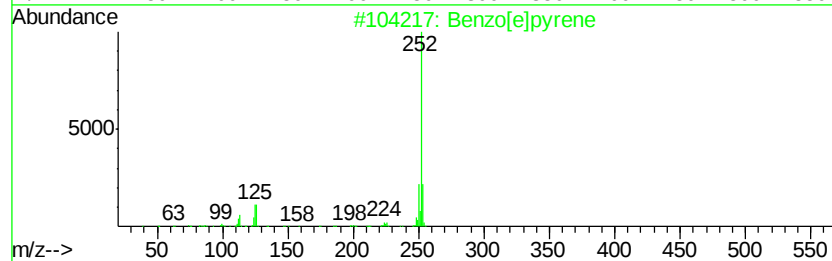
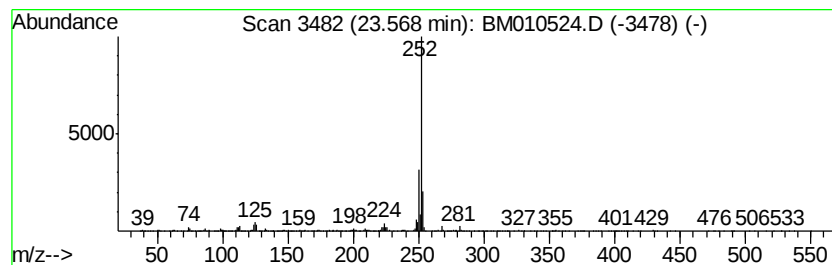
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	14.18 ng/ul	2610390	Perylene-d12	23.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010524.D
Acq On : 11 Jun 2017 14:22
Operator : SJ/MA
Sample : I3522-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C84

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
unknown-01	18.12	3.2	ng/ul	443880	4	17.27	2800840	20.0
1,3-Cyclohexadien...	18.40	2.0	ng/ul	286192	4	17.27	2800840	20.0
Cyclopenta(def)ph...	19.21	3.5	ng/ul	489785	4	17.27	2800840	20.0
6H-Pyrido[4,3-b]c...	19.80	2.1	ng/ul	953807	5	21.44	8903200	20.0
unknown-02	19.93	2.9	ng/ul	1275730	5	21.44	8903200	20.0
Fluoranthene, 2-m...	20.00	2.6	ng/ul	1159230	5	21.44	8903200	20.0
11H-Benzo[a]fluor...	20.93	3.5	ng/ul	1575610	5	21.44	8903200	20.0
Benzo[b]naphtho[2...	21.09	2.6	ng/ul	1144990	5	21.44	8903200	20.0
Cyclopenta[cd]pyrene	21.17	2.3	ng/ul	1007860	5	21.44	8903200	20.0
(DEL) Alkane: Str...	23.52	2.4	ng/ul	432879	6	23.78	3680890	20.0
Benzo[e]pyrene	23.57	14.2	ng/ul	2610390	6	23.78	3680890	20.0