

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010523.D
 Acq On : 11 Jun 2017 13:46
 Operator : SJ/MA
 Sample : I3522-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D30

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	694	rVB	346886	627266	6.06%	0.698%
2	7.234	699	705	718	rVB	216889	367175	3.55%	0.409%
3	7.428	732	738	747	rVB2	408345	649074	6.27%	0.722%
4	7.887	807	816	825	rBV	656194	1075645	10.40%	1.197%
5	8.610	933	939	950	rBV	451081	758271	7.33%	0.844%
6	9.075	1008	1018	1025	rBV	351114	596149	5.76%	0.664%
7	9.787	1132	1139	1145	rBV2	346245	578543	5.59%	0.644%
8	10.316	1223	1229	1240	rBV	559158	970769	9.38%	1.081%
9	10.692	1285	1293	1301	rBV	853909	1405915	13.59%	1.565%
10	10.857	1312	1321	1330	rBV	401668	759619	7.34%	0.845%
11	13.939	1840	1845	1849	rBV	1124806	1509568	14.59%	1.680%
12	13.986	1849	1853	1859	rVB	522408	738395	7.14%	0.822%
13	14.227	1887	1894	1905	rBV2	1032778	1811485	17.51%	2.016%
14	14.527	1936	1945	1953	rBV2	1326505	2032698	19.65%	2.263%
15	14.769	1979	1986	1996	rBV	320935	635784	6.15%	0.708%
16	15.516	2107	2113	2120	rBV	1421473	2089948	20.20%	2.326%
17	15.645	2130	2135	2141	rBV	445580	627721	6.07%	0.699%
18	17.274	2405	2412	2417	rBV2	1956648	2852667	27.58%	3.175%
19	17.315	2417	2419	2423	rVV2	148777	193101	1.87%	0.215%
20	17.374	2423	2429	2433	rVV	1784401	2548149	24.63%	2.836%
21	17.410	2433	2435	2442	rVB	279420	348362	3.37%	0.388%
22	17.692	2474	2483	2488	rBV3	151556	298120	2.88%	0.332%
23	18.121	2550	2556	2564	rBV3	258267	451504	4.36%	0.503%
24	18.192	2565	2568	2575	rVB3	77084	119861	1.16%	0.133%
25	18.345	2588	2594	2597	rBV5	84830	166608	1.61%	0.185%
26	18.698	2650	2654	2658	rBV3	148350	188142	1.82%	0.209%
27	19.209	2737	2741	2750	rVB	294826	424661	4.11%	0.473%
28	19.327	2755	2761	2766	rVB	3575677	4440910	42.93%	4.943%
29	19.392	2769	2772	2776	rBV6	106037	147992	1.43%	0.165%
30	19.474	2783	2786	2790	rVB3	112168	143629	1.39%	0.160%
31	19.662	2811	2818	2820	rBV2	2671043	3965587	38.34%	4.414%
32	19.692	2820	2823	2829	rVV	3808011	4815456	46.55%	5.360%
33	19.751	2830	2833	2838	rVB2	196422	254496	2.46%	0.283%
34	19.804	2838	2842	2846	rBV	482918	619375	5.99%	0.689%

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35	19.862	2849	2852	2856	rBV	228860	298497	2.89%	0.332%
36	19.939	2861	2865	2870	rVB2	449396	665826	6.44%	0.741%
37	20.003	2870	2876	2883	rBV5	474426	1097303	10.61%	1.221%
38	20.080	2886	2889	2892	rBV5	104661	154063	1.49%	0.171%
39	20.156	2894	2902	2910	rVB4	607677	1412699	13.66%	1.572%
40	20.233	2912	2915	2918	rBV2	146973	226961	2.19%	0.253%
41	20.315	2925	2929	2930	rBV	315259	407337	3.94%	0.453%
42	20.333	2930	2932	2936	rVB	497362	570846	5.52%	0.635%
43	20.368	2936	2938	2941	rBV4	99418	104440	1.01%	0.116%
44	20.474	2952	2956	2959	rBV	444811	576262	5.57%	0.641%
45	20.521	2961	2964	2971	rVB2	312575	447561	4.33%	0.498%
46	20.609	2976	2979	2984	rVV4	133846	184647	1.78%	0.206%
47	20.927	3028	3033	3038	rBV	940172	1398976	13.52%	1.557%
48	21.092	3056	3061	3064	rBV2	730485	1149059	11.11%	1.279%
49	21.127	3064	3067	3070	rVV2	579268	768728	7.43%	0.856%
50	21.168	3070	3074	3079	rVV2	745141	1161323	11.23%	1.293%
51	21.221	3079	3083	3091	rVB2	618695	953387	9.22%	1.061%
52	21.445	3110	3121	3125	rBV2	4484723	10344476	100.00%	11.514%
53	21.480	3125	3127	3132	rVB	2554368	2862435	27.67%	3.186%
54	21.756	3171	3174	3179	rBV2	267101	368968	3.57%	0.411%
55	21.809	3180	3183	3187	rVB2	255842	303131	2.93%	0.337%
56	22.050	3222	3224	3232	rVB2	286407	541096	5.23%	0.602%
57	22.509	3299	3302	3307	rBV6	277798	366822	3.55%	0.408%
58	23.074	3391	3398	3402	rBV	4141529	9150765	88.46%	10.185%
59	23.244	3424	3427	3436	rVB	440802	765082	7.40%	0.852%
60	23.574	3478	3483	3488	rBV	1671014	3133586	30.29%	3.488%
61	23.627	3488	3492	3496	rVV2	1948658	3573921	34.55%	3.978%
62	23.674	3496	3500	3506	rVB	1869077	3480164	33.64%	3.874%
63	23.780	3512	3518	3523	rBV	2246633	4161602	40.23%	4.632%

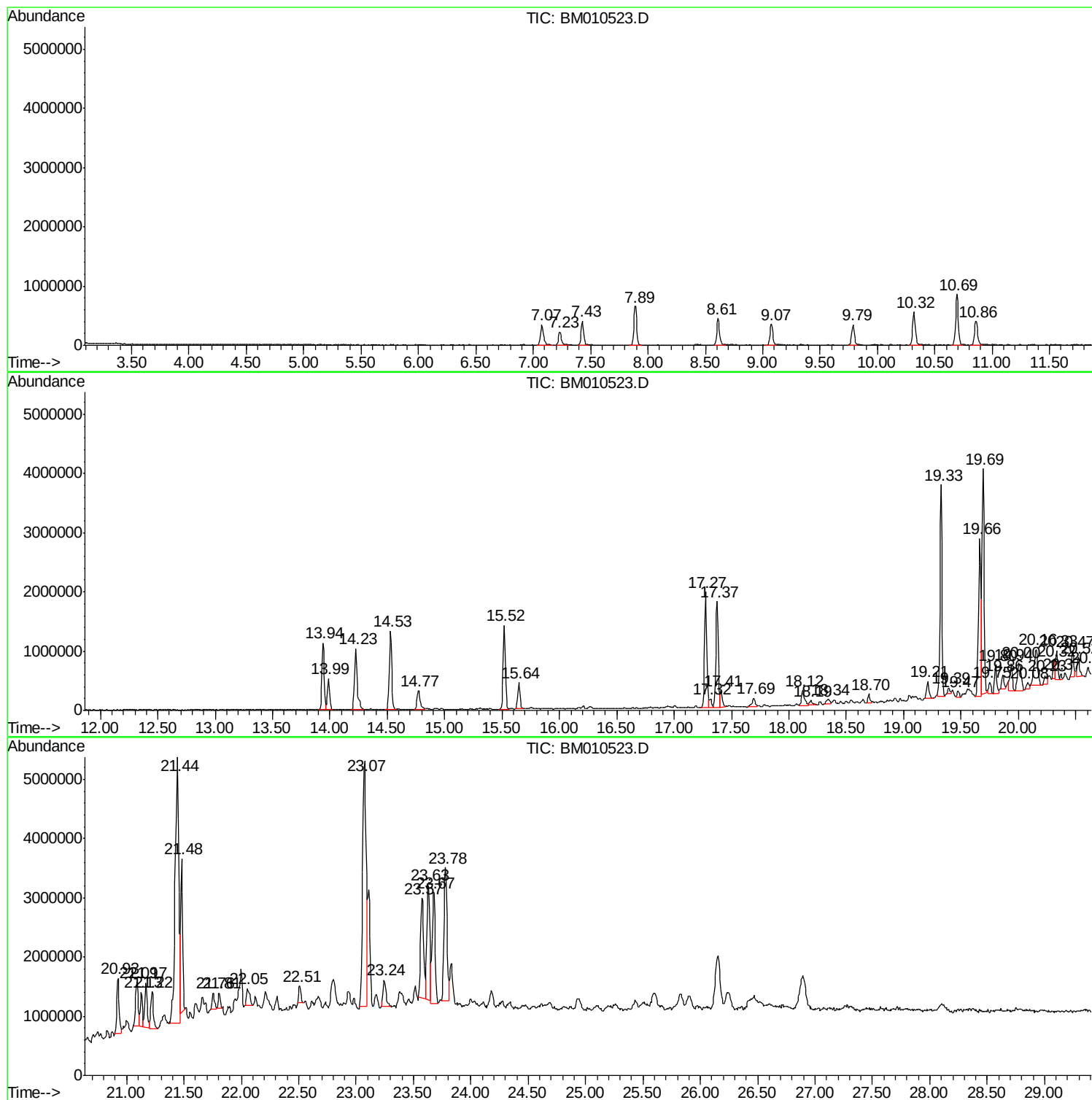
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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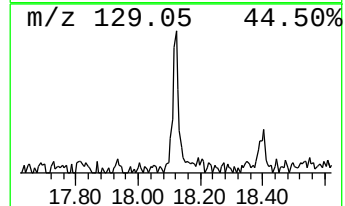
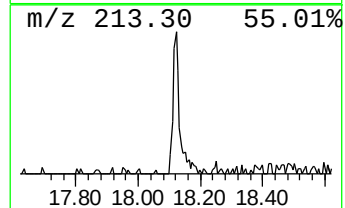
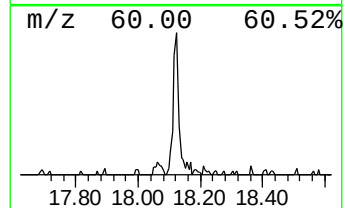
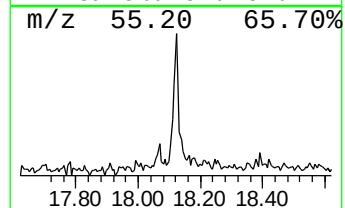
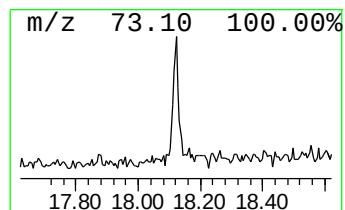
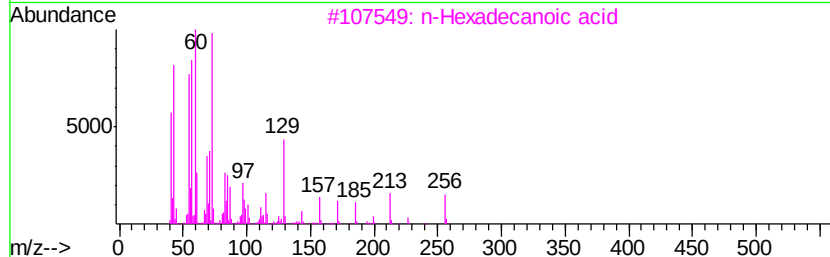
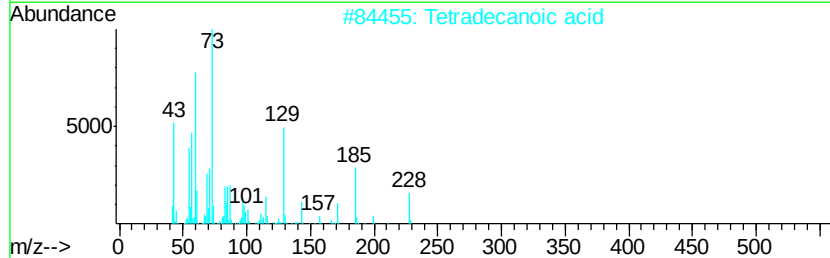
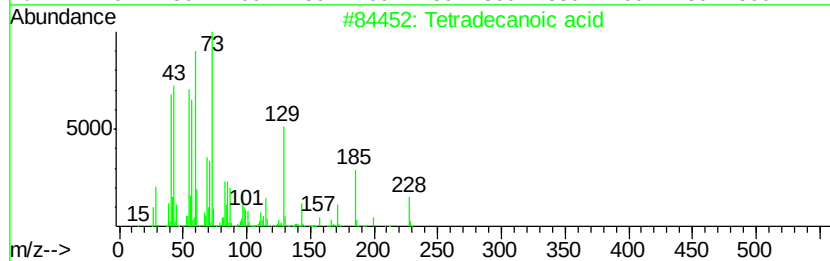
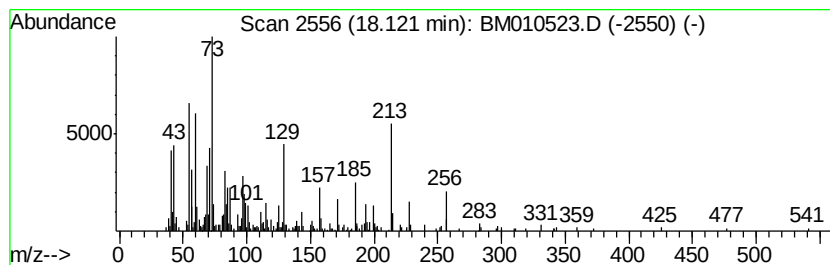
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	3.17 ng/ul	451504	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55
4		Tridecanoic acid	214	C13H26O2	000638-53-9	46
5		Tridecanoic acid	214	C13H26O2	000638-53-9	45



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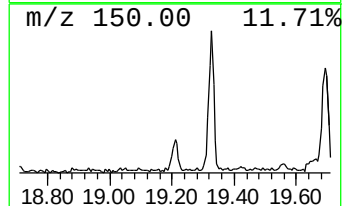
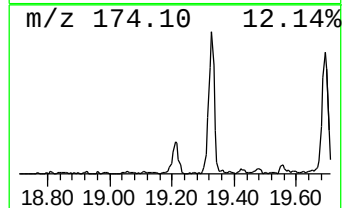
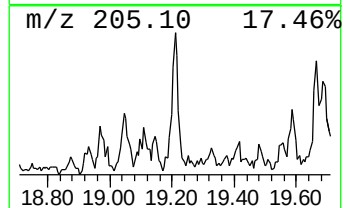
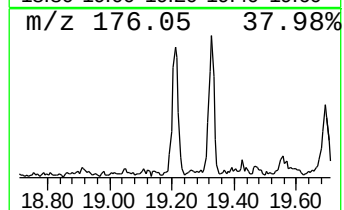
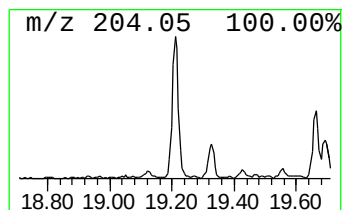
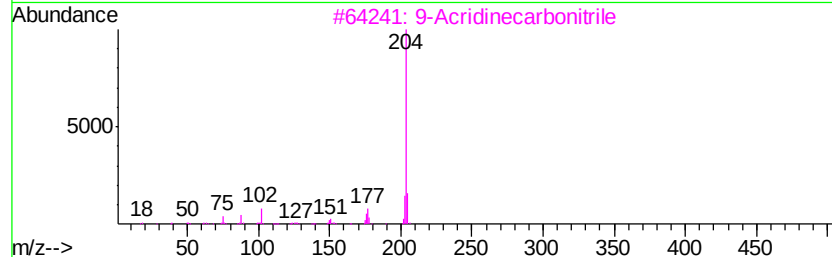
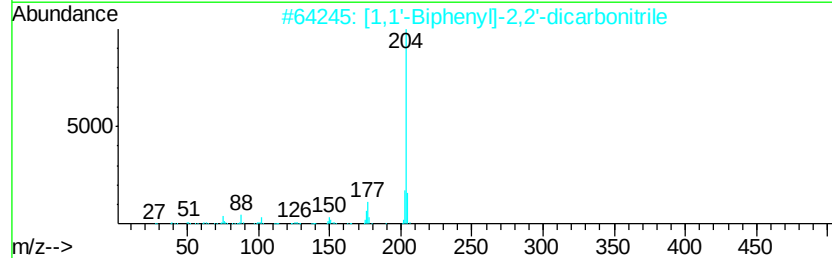
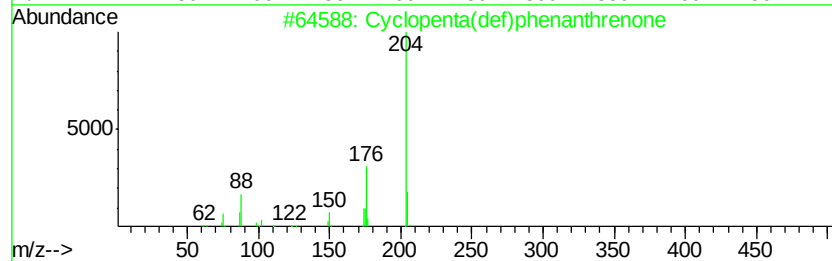
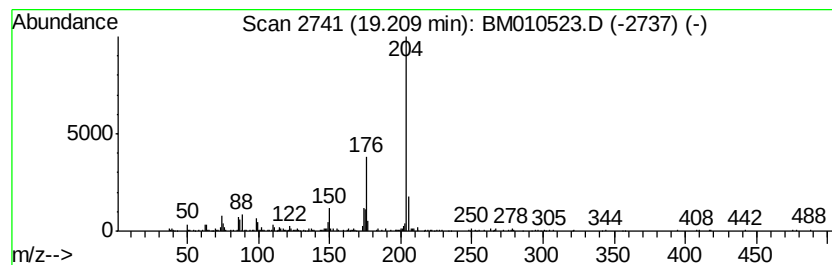
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.98 ng/ul	424661	Phenanthrene-d10	17.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	50
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



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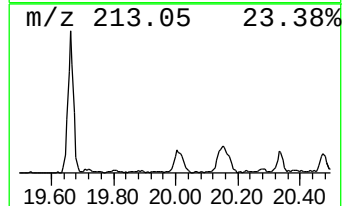
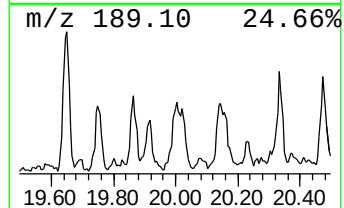
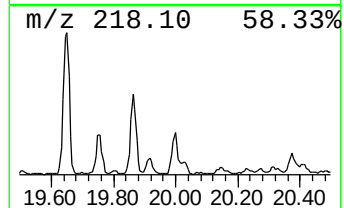
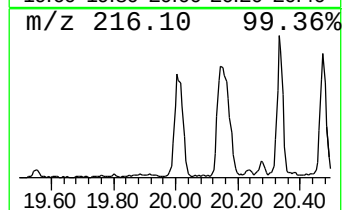
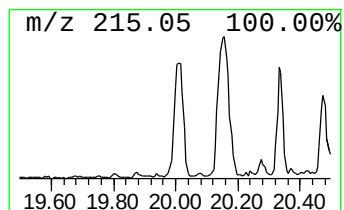
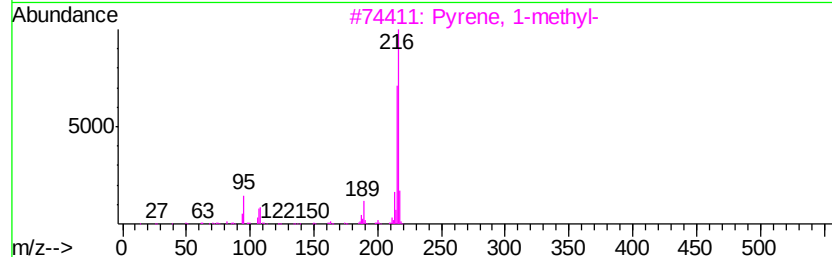
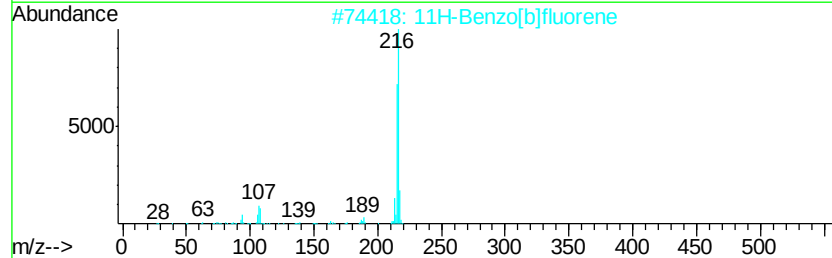
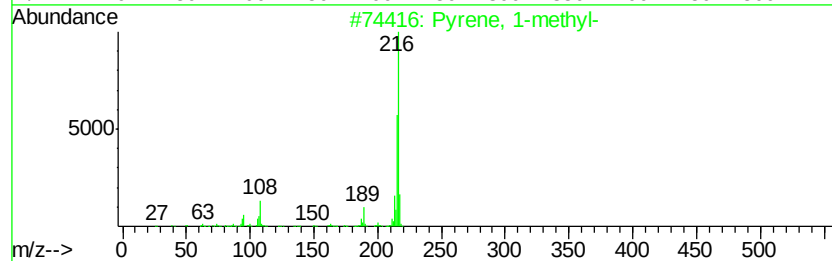
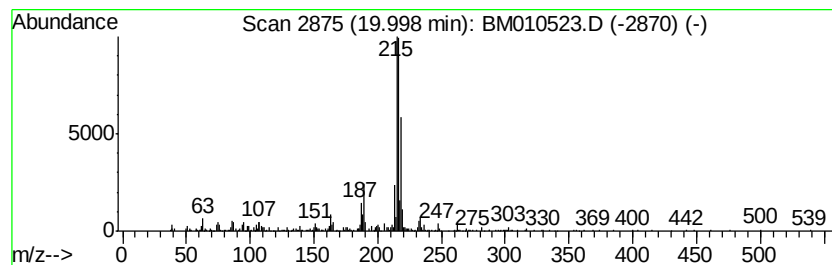
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.12 ng/ul	1097300	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83



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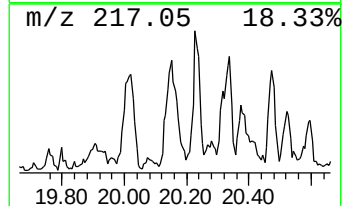
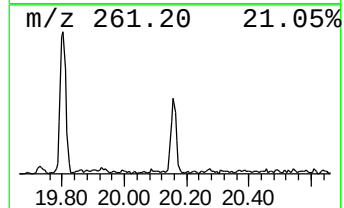
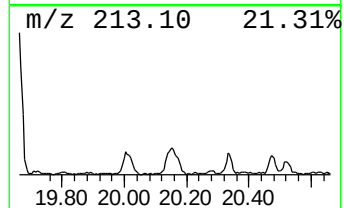
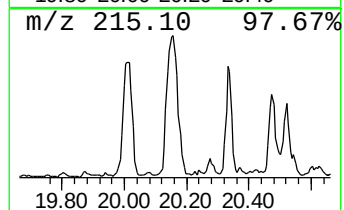
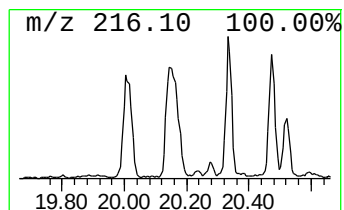
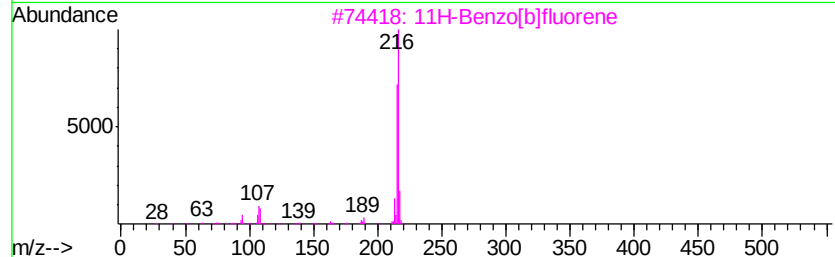
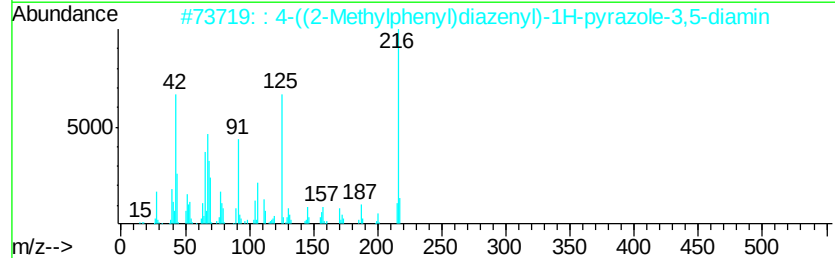
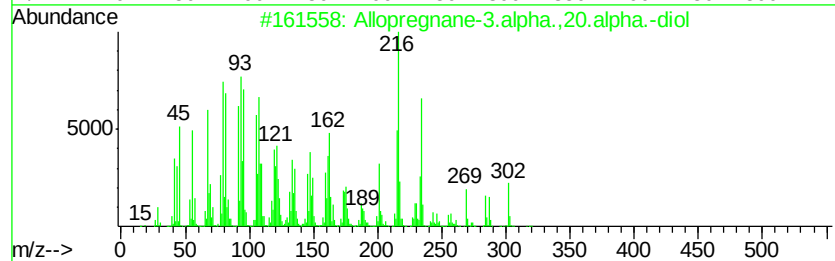
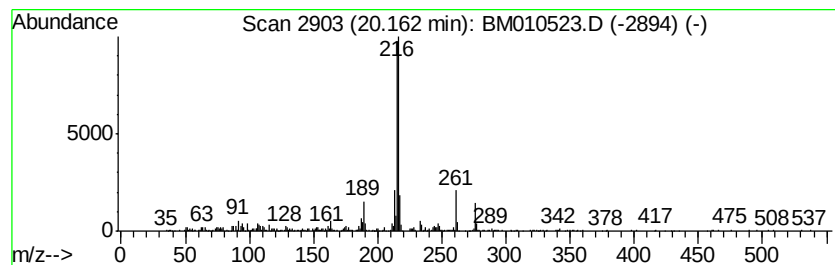
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Allopregnane-3.alpha.,20.alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.73 ng/ul	1412700	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	95
2		: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	86
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	70



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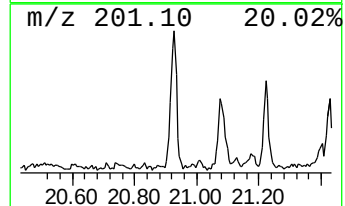
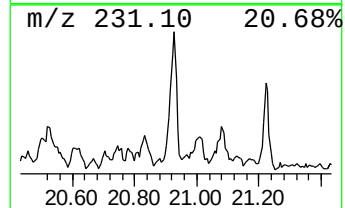
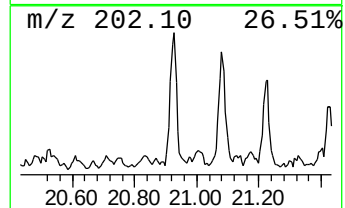
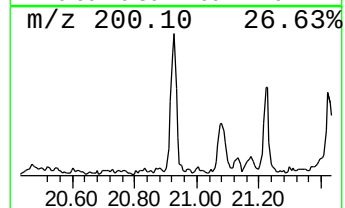
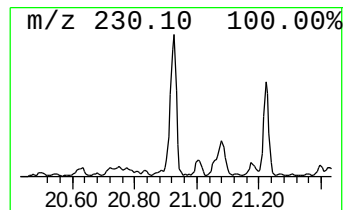
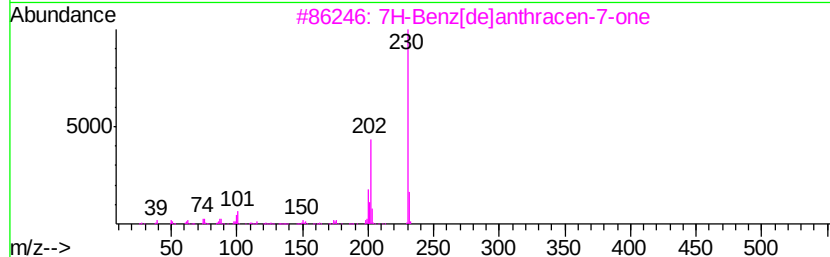
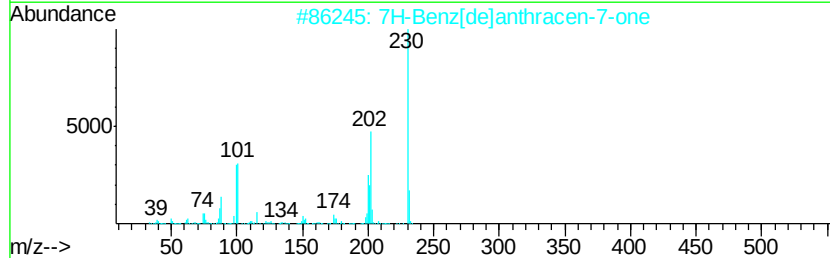
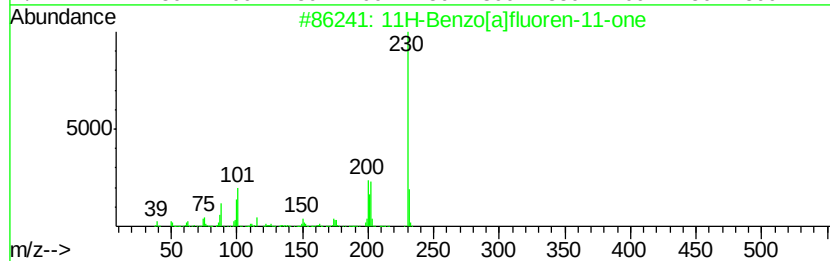
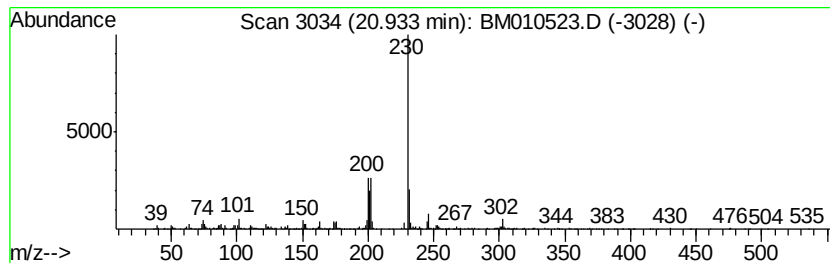
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.70 ng/ul	1398980	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010523.D
Acq On : 11 Jun 2017 13:46
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

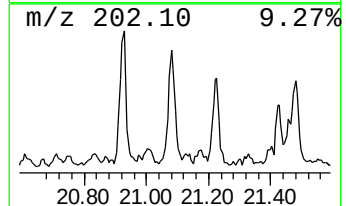
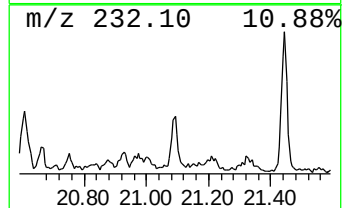
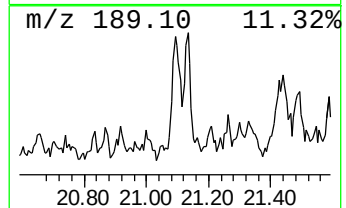
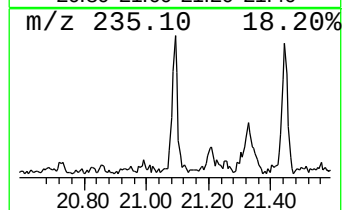
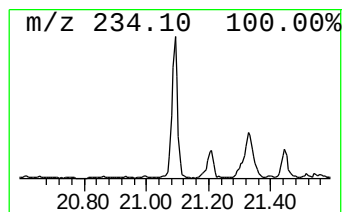
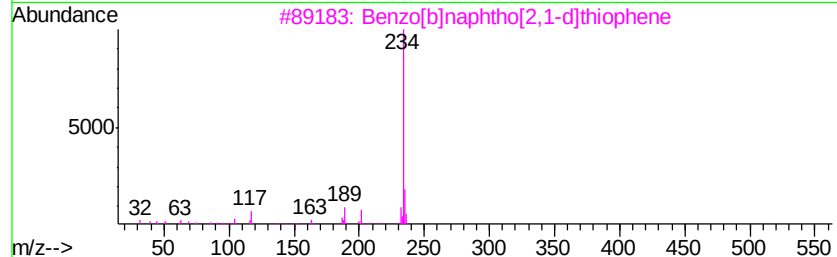
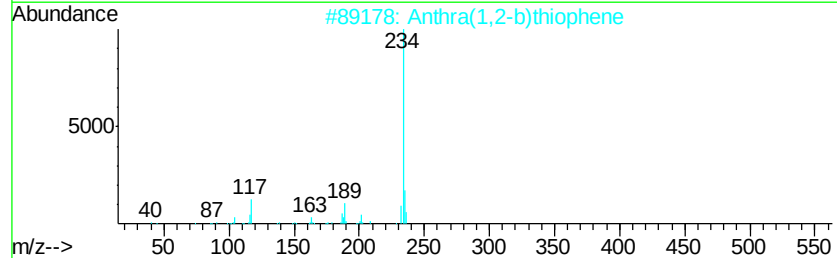
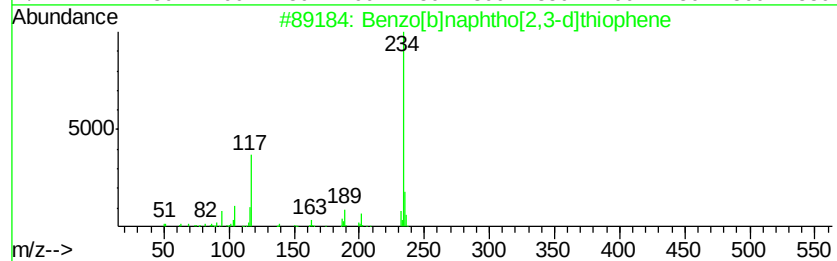
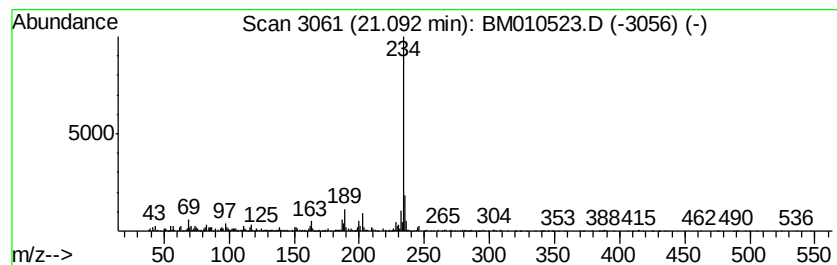
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.22 ng/ul	1149060	Chrysene-d12	21.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[b]naphtho[2,3-d]thiophene	234 C16H10S	000243-46-9 94
2		Anthra(1,2-b)thiophene	234 C16H10S	000227-86-1 93
3		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 93
4		Benzo[b]naphtho[2,3-d]thiophene	234 C16H10S	000243-46-9 91
5		Benzo[b]naphtho[2,1-d]thiophene	234 C16H10S	000239-35-0 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010523.D
Acq On : 11 Jun 2017 13:46
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

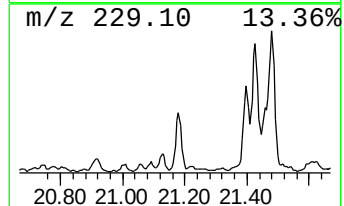
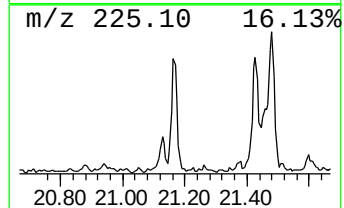
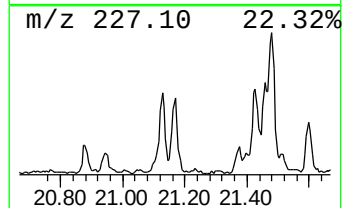
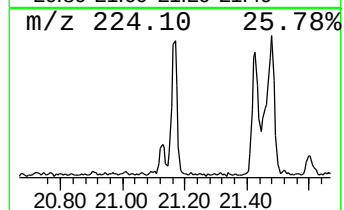
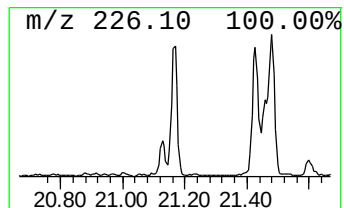
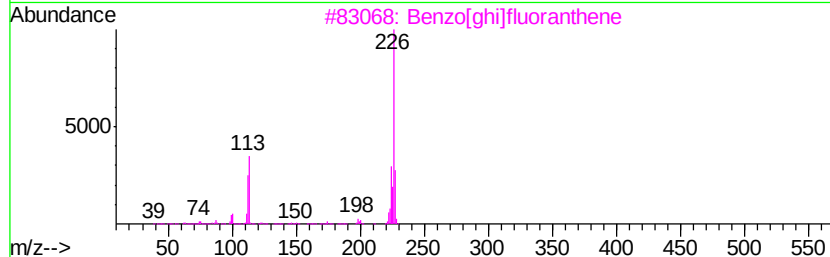
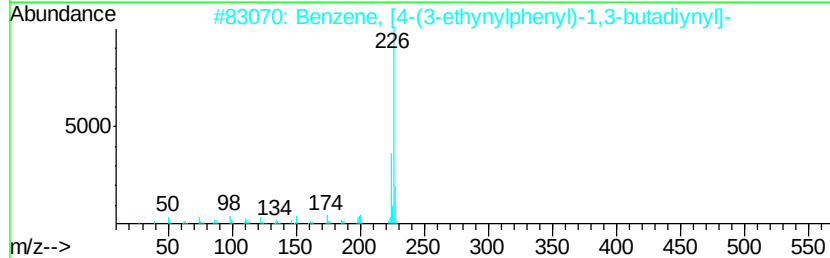
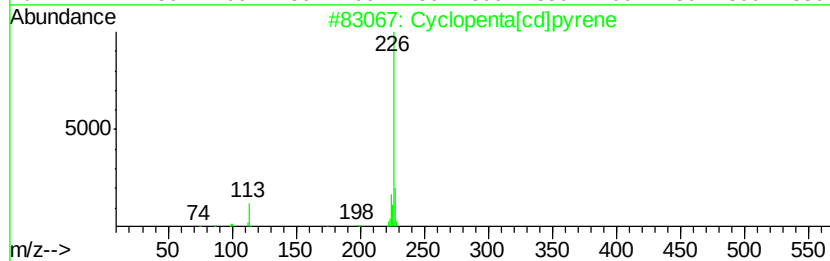
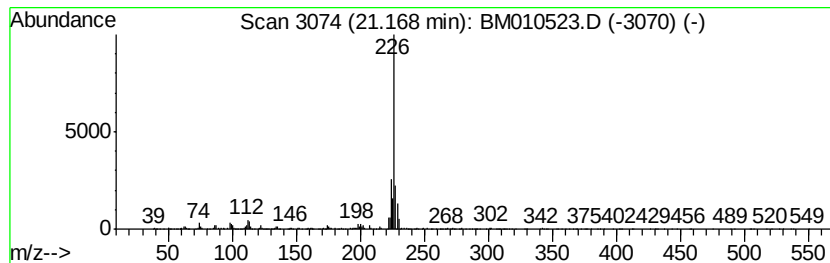
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.25 ng/ul	1161320	Chrysene-d12	21.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 58
2		Benzene, [4-(3-ethynylphenyl)-1,...	226 C18H10	1000115-87-3 53
3		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 53
4		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 42
5		N,N-Dimethylindoaniline	226 C14H14N2O	002150-58-5 28



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010523.D
Acq On : 11 Jun 2017 13:46
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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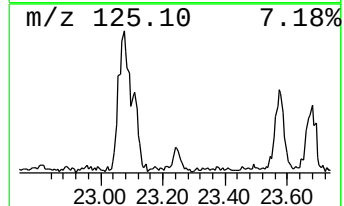
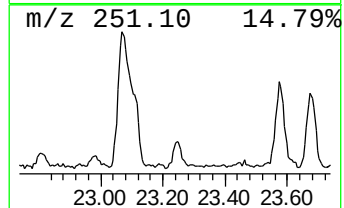
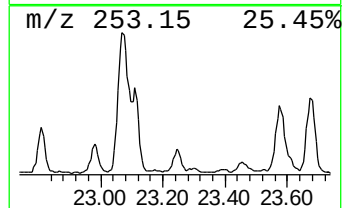
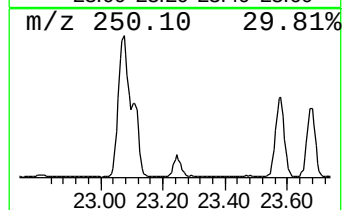
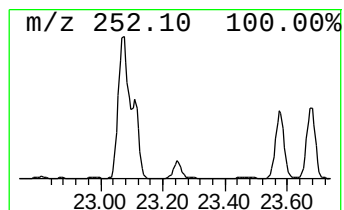
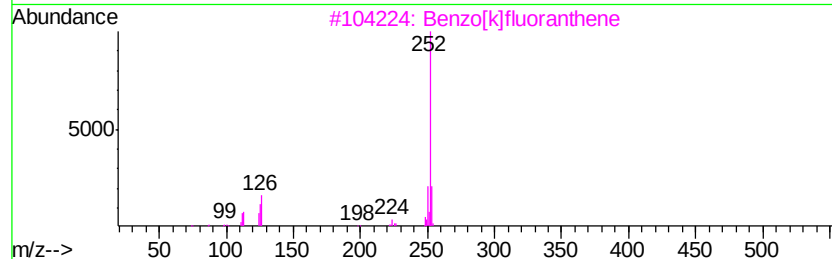
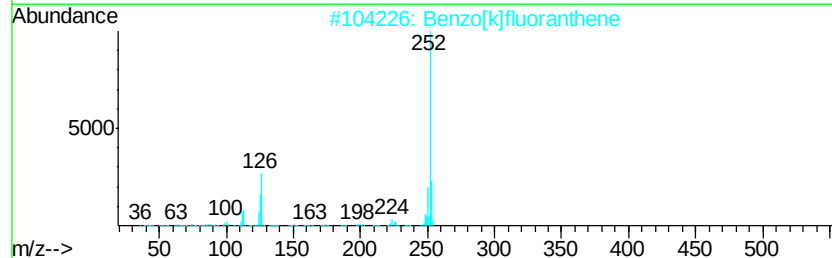
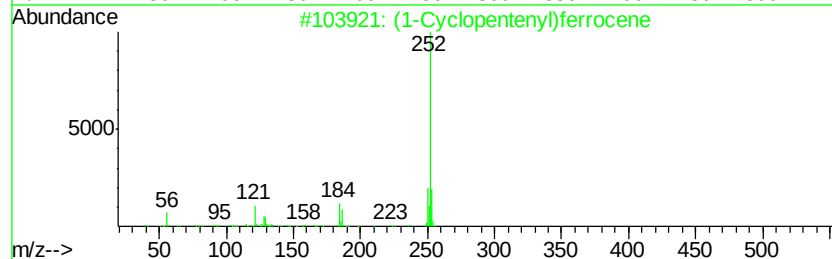
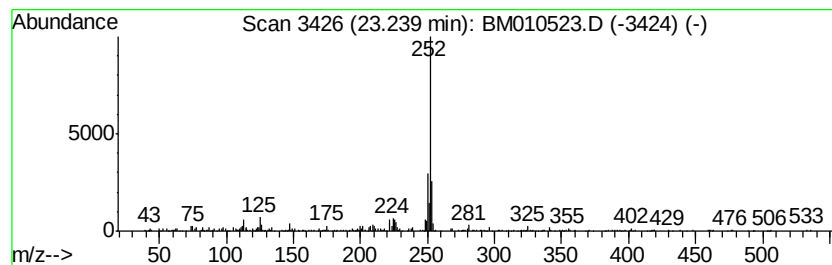
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (1-Cyclopentenyl)ferrocene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.68 ng/ul	765082	Perylene-d12	23.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5		Benzo[e]pyrene	252	C20H12	000192-97-2	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010523.D
Acq On : 11 Jun 2017 13:46
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.12	3.2	ng/ul	451504	4	17.27	2852670	20.0
Cyclopenta(def)ph...	19.21	3.0	ng/ul	424661	4	17.27	2852670	20.0
Pyrene, 1-methyl-	20.00	2.1	ng/ul	1097300	5	21.44	10344500	20.0
Allopregnane-3.al...	20.16	2.7	ng/ul	1412700	5	21.44	10344500	20.0
11H-Benzo[a]fluor...	20.93	2.7	ng/ul	1398980	5	21.44	10344500	20.0
Benzo[b]naphtho[2...	21.09	2.2	ng/ul	1149060	5	21.44	10344500	20.0
Cyclopenta[cd]pyrene	21.17	2.3	ng/ul	1161320	5	21.44	10344500	20.0
(1-Cyclopentenyl)...	23.24	3.7	ng/ul	765082	6	23.78	4161600	20.0