

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013437.D
 Acq On : 15 Dec 2017 13:45
 Operator : SJ/JU
 Sample : I6758-13MEDL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B14MEDL

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-BM113017.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	6.857	636	641	647	rBV2	46317	74851	1.26%	0.134%
2	7.022	664	669	675	rBV3	50772	75920	1.28%	0.136%
3	7.210	697	701	709	rVB2	59167	102028	1.72%	0.183%
4	7.675	774	780	790	rVB	708188	1133107	19.05%	2.032%
5	8.045	838	843	848	rVB	53008	83498	1.40%	0.150%
6	8.210	865	871	877	rBV	45481	76325	1.28%	0.137%
7	8.387	895	901	912	rBV3	60773	122003	2.05%	0.219%
8	8.834	971	977	984	rVB2	65377	121610	2.05%	0.218%
9	9.551	1091	1099	1105	rBV3	47437	83631	1.41%	0.150%
10	10.086	1184	1190	1199	rBV2	64164	126914	2.13%	0.228%
11	10.451	1245	1252	1256	rBV	978162	1690652	28.43%	3.032%
12	10.504	1256	1261	1270	rVV	3045346	4999339	84.07%	8.966%
13	10.622	1274	1281	1290	rVB3	127644	283722	4.77%	0.509%
14	12.122	1528	1536	1544	rBV	1088660	1704874	28.67%	3.058%
15	12.345	1563	1574	1584	rVB	499500	843439	14.18%	1.513%
16	13.145	1704	1710	1719	rBV	273276	419508	7.05%	0.752%
17	13.345	1738	1744	1754	rVB	107039	199815	3.36%	0.358%
18	13.474	1757	1766	1767	rBV	163642	216418	3.64%	0.388%
19	13.639	1786	1794	1799	rBV	260507	470466	7.91%	0.844%
20	13.692	1799	1803	1806	rVV2	173499	256553	4.31%	0.460%
21	13.733	1806	1810	1814	rVV	173526	255937	4.30%	0.459%
22	13.774	1814	1817	1826	rVB5	37422	72658	1.22%	0.130%
23	13.874	1826	1834	1838	rBV	123972	207784	3.49%	0.373%
24	14.010	1850	1857	1860	rVV	190832	309498	5.20%	0.555%
25	14.039	1860	1862	1870	rVB2	133419	168801	2.84%	0.303%
26	14.316	1898	1909	1915	rBV2	1480280	2536835	42.66%	4.550%
27	14.380	1915	1920	1929	rVV	1133981	1764225	29.67%	3.164%
28	14.457	1929	1933	1940	rVB	44441	67256	1.13%	0.121%
29	14.539	1940	1947	1954	rBV5	52202	154303	2.59%	0.277%
30	14.633	1956	1963	1967	rVV3	60326	107346	1.81%	0.193%
31	14.721	1967	1978	1985	rVV	877373	1364395	22.94%	2.447%
32	14.798	1985	1991	1996	rVB2	70516	99921	1.68%	0.179%
33	14.945	2007	2016	2020	rBV3	56636	109246	1.84%	0.196%
34	14.992	2020	2024	2030	rVB2	61790	84010	1.41%	0.151%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	15.110	2036	2044	2048	rBV5	53295	117613	1.98%	0.211%
36	15.180	2053	2056	2064	rVB7	35324	65999	1.11%	0.118%
37	15.316	2072	2079	2083	rVV2	283097	447259	7.52%	0.802%
38	15.368	2083	2088	2094	rVV	1346999	1884608	31.69%	3.380%
39	15.463	2098	2104	2107	rVV5	81387	160687	2.70%	0.288%
40	15.498	2107	2110	2112	rVV2	100393	135298	2.28%	0.243%
41	15.533	2112	2116	2120	rVV3	175602	264722	4.45%	0.475%
42	15.580	2120	2124	2127	rVV5	63756	97841	1.65%	0.175%
43	15.621	2127	2131	2134	rVV2	90456	128152	2.16%	0.230%
44	15.663	2134	2138	2146	rVB	220994	335185	5.64%	0.601%
45	15.815	2154	2164	2171	rVV	209702	457080	7.69%	0.820%
46	15.904	2171	2179	2183	rVB4	44097	98478	1.66%	0.177%
47	16.039	2196	2202	2210	rVB4	78799	180303	3.03%	0.323%
48	16.174	2216	2225	2231	rBV9	25196	70441	1.18%	0.126%
49	16.374	2248	2259	2264	rBV2	165032	372965	6.27%	0.669%
50	16.421	2264	2267	2274	rVB2	70553	104315	1.75%	0.187%
51	16.521	2279	2284	2289	rVB3	69834	116670	1.96%	0.209%
52	16.645	2301	2305	2308	rVB4	62080	81033	1.36%	0.145%
53	16.721	2315	2318	2326	rVB4	60150	99764	1.68%	0.179%
54	16.798	2326	2331	2333	rBV2	76159	113497	1.91%	0.204%
55	16.821	2333	2335	2341	rVV6	79700	130363	2.19%	0.234%
56	16.886	2341	2346	2351	rVB	305645	435147	7.32%	0.780%
57	17.068	2367	2377	2380	rBV	2063735	2936372	49.38%	5.266%
58	17.110	2380	2384	2390	rVV	4124179	5946587	100.00%	10.665%
59	17.168	2390	2394	2396	rVV	292308	439465	7.39%	0.788%
60	17.198	2396	2399	2405	rVV	553010	765088	12.87%	1.372%
61	17.257	2405	2409	2416	rVV5	36046	75315	1.27%	0.135%
62	17.474	2441	2446	2454	rBV	241316	370738	6.23%	0.665%
63	17.586	2460	2465	2472	rBV6	50580	97745	1.64%	0.175%
64	17.645	2472	2475	2484	rVB2	53946	103449	1.74%	0.186%
65	17.792	2495	2500	2509	rBV2	43758	76343	1.28%	0.137%
66	17.939	2517	2525	2529	rBV	313133	458966	7.72%	0.823%
67	17.992	2529	2534	2540	rVB	412535	593981	9.99%	1.065%
68	18.074	2540	2548	2553	rBV	135881	225982	3.80%	0.405%
69	18.139	2553	2559	2563	rVV3	465087	811572	13.65%	1.455%
70	18.174	2563	2565	2572	rVB	168408	198703	3.34%	0.356%
71	18.451	2607	2612	2616	rBV	190810	268563	4.52%	0.482%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	18.492	2616	2619	2624	rVB3	52987	74741	1.26%	0.134%
73	18.692	2649	2653	2657	rBV3	48771	65362	1.10%	0.117%
74	18.862	2676	2682	2686	rBV2	107762	190506	3.20%	0.342%
75	18.933	2686	2694	2696	rVV7	62293	147833	2.49%	0.265%
76	19.003	2702	2706	2714	rBV7	50191	114600	1.93%	0.206%
77	19.127	2721	2727	2733	rBV	2052699	2785883	46.85%	4.996%
78	19.192	2734	2738	2742	rVV4	54062	87003	1.46%	0.156%
79	19.374	2764	2769	2772	rBV	59648	77533	1.30%	0.139%
80	19.462	2779	2784	2786	rBV2	632040	885166	14.89%	1.587%
81	19.492	2786	2789	2798	rVV	1164107	1714675	28.83%	3.075%
82	19.568	2798	2802	2809	rVB4	76809	123035	2.07%	0.221%
83	19.674	2815	2820	2827	rVB	80194	123973	2.08%	0.222%
84	19.827	2838	2846	2851	rBV3	92389	244196	4.11%	0.438%
85	19.956	2863	2868	2869	rVV4	63210	97998	1.65%	0.176%
86	19.992	2869	2874	2879	rVB	269460	378001	6.36%	0.678%
87	20.092	2886	2891	2895	rBV	254953	331629	5.58%	0.595%
88	20.150	2895	2901	2904	rVV2	105485	176266	2.96%	0.316%
89	20.333	2929	2932	2936	rVB4	49995	80456	1.35%	0.144%
90	20.703	2990	2995	2998	rBV6	45090	82938	1.39%	0.149%
91	20.903	3026	3029	3033	rBV	83540	110304	1.85%	0.198%
92	20.945	3033	3036	3039	rBV3	65063	81690	1.37%	0.147%
93	20.974	3039	3041	3048	rVB3	77750	118541	1.99%	0.213%
94	21.180	3073	3076	3080	rVB	85904	88846	1.49%	0.159%
95	21.256	3082	3089	3093	rVV2	2759877	4019754	67.60%	7.209%
96	21.292	3093	3095	3102	rVB	339061	422281	7.10%	0.757%
97	21.409	3112	3115	3122	rBV3	66473	105890	1.78%	0.190%
98	22.815	3349	3354	3359	rBV2	200672	422500	7.10%	0.758%
99	23.339	3439	3443	3447	rBV3	133836	230824	3.88%	0.414%
100	23.480	3460	3467	3483	rVB	1433163	2724331	45.81%	4.886%

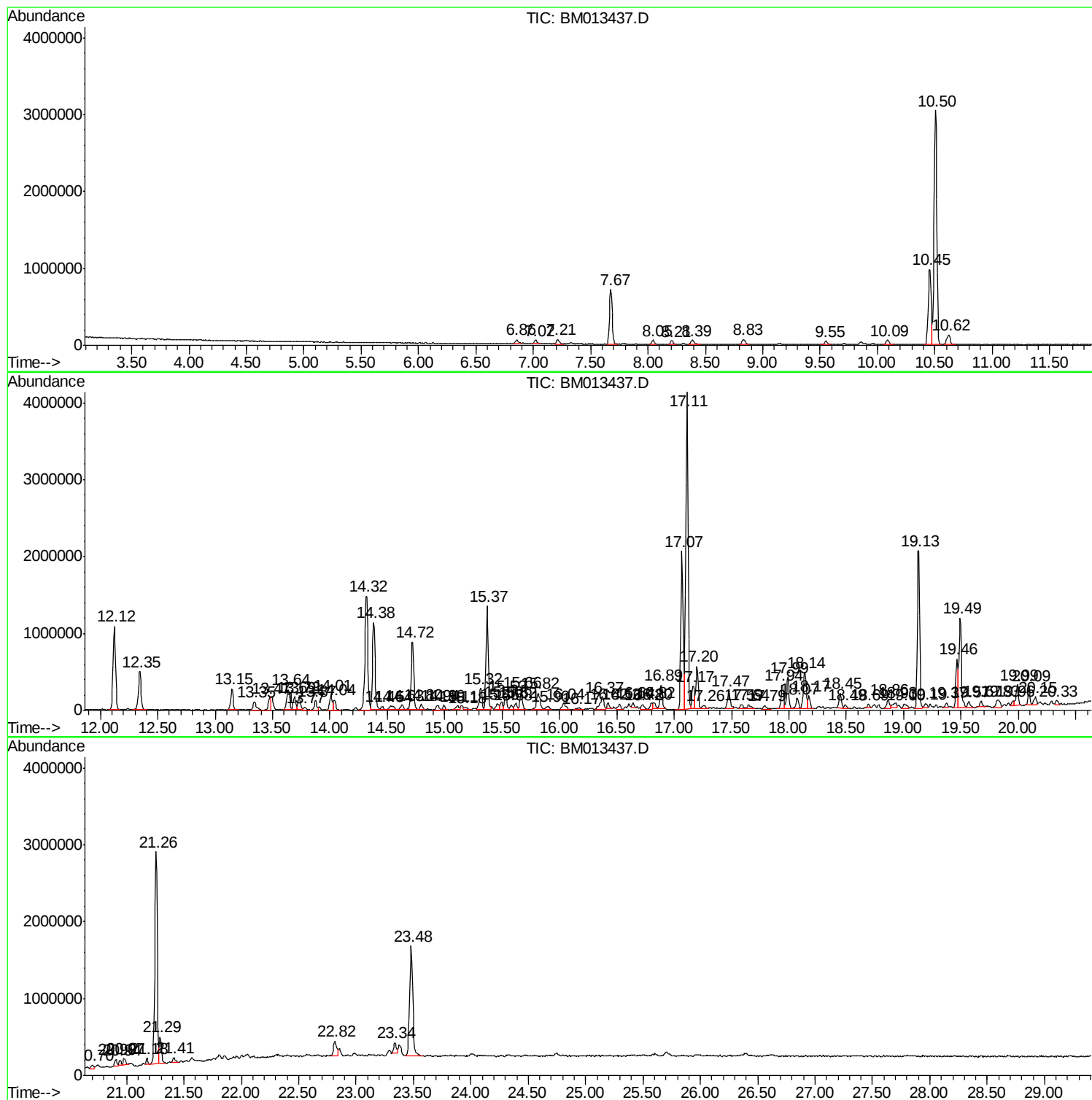
Sum of corrected areas: 55759932

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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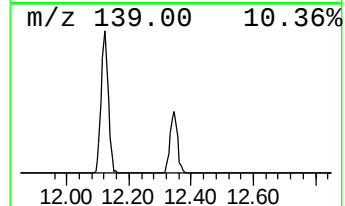
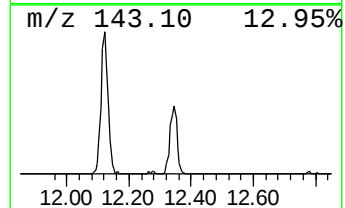
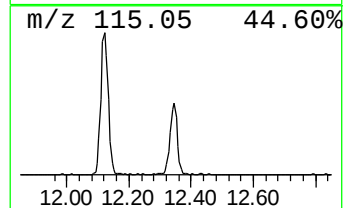
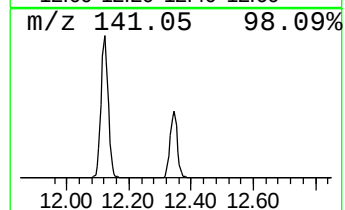
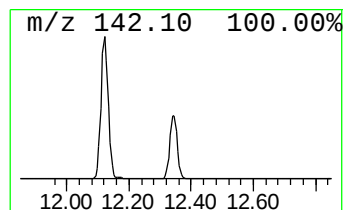
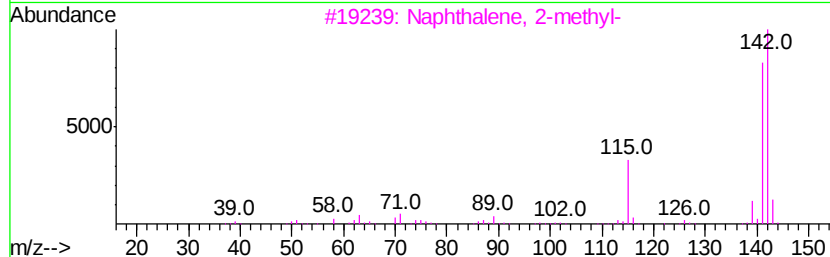
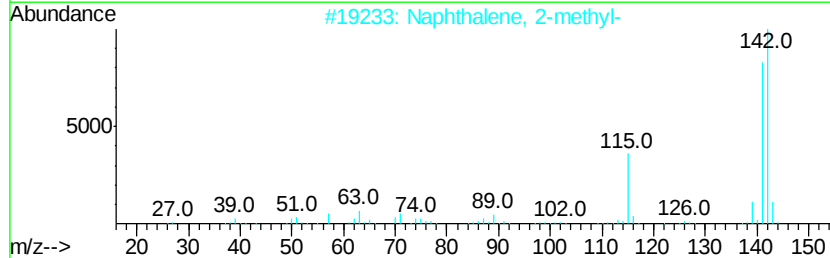
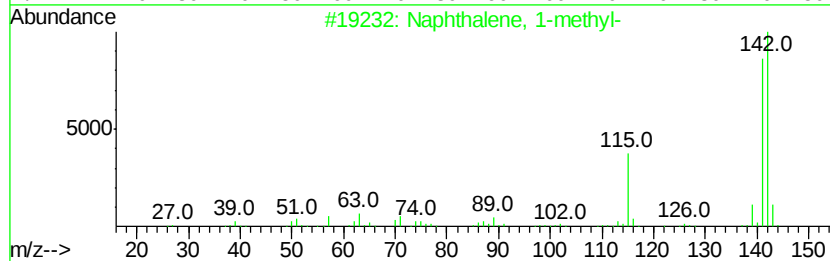
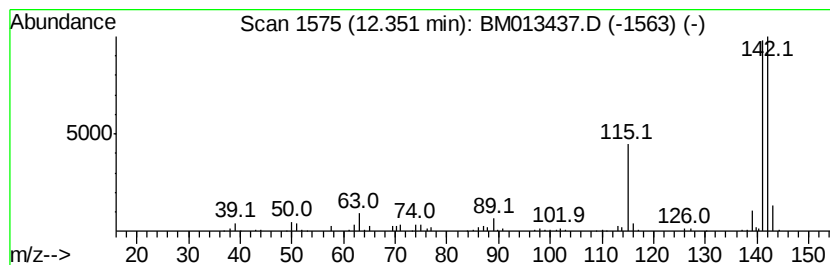
Instrument :
BNA_M
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	9.98 ng/ul	843439	Naphthalene-d8	10.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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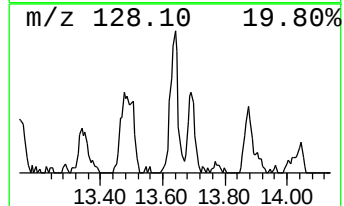
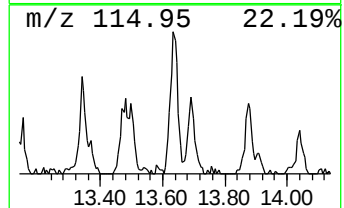
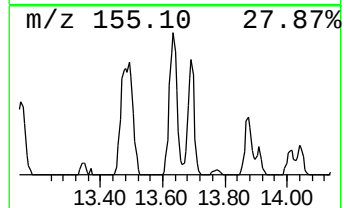
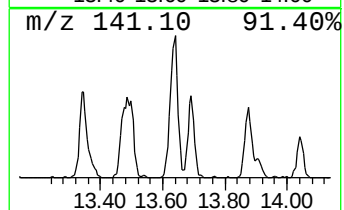
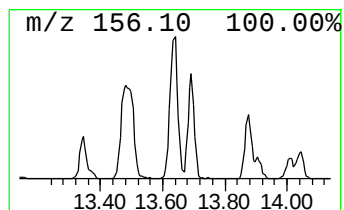
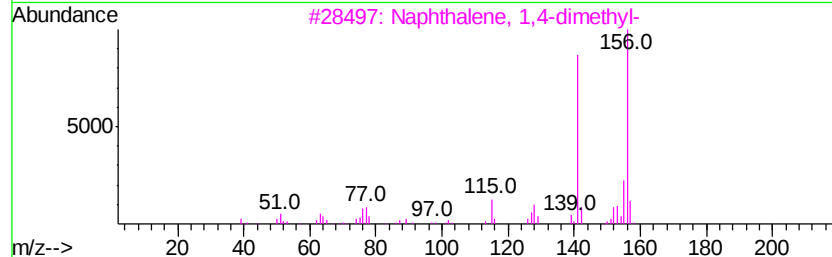
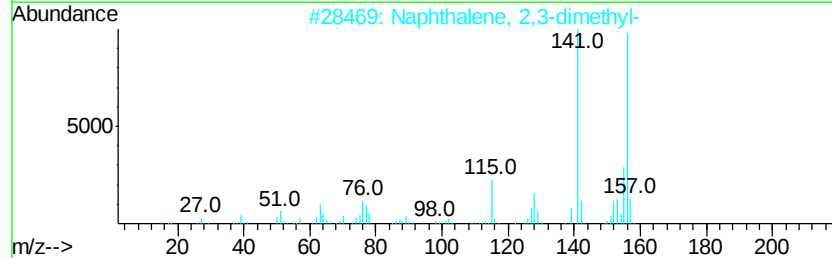
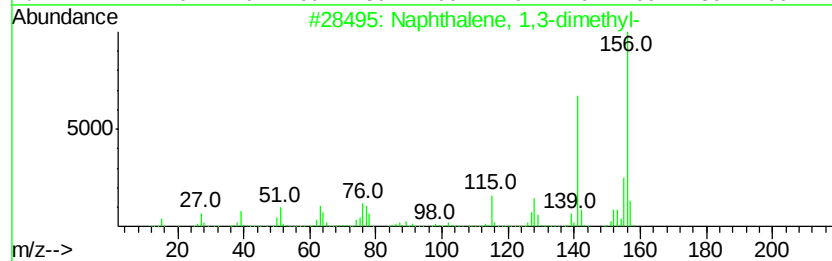
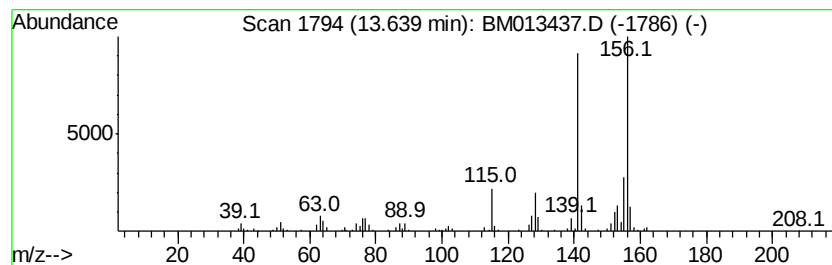
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.71 ng/ul	470466	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 95



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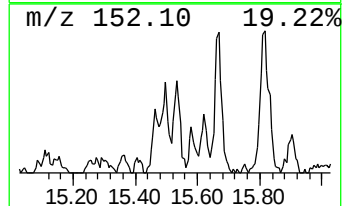
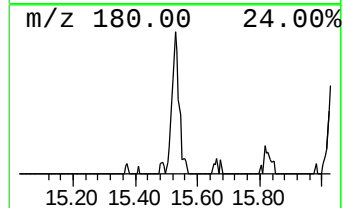
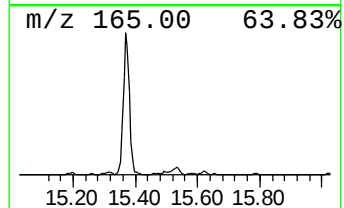
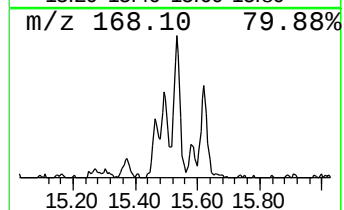
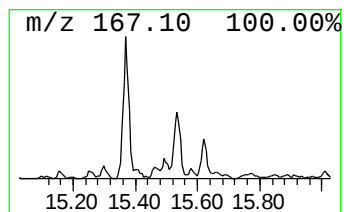
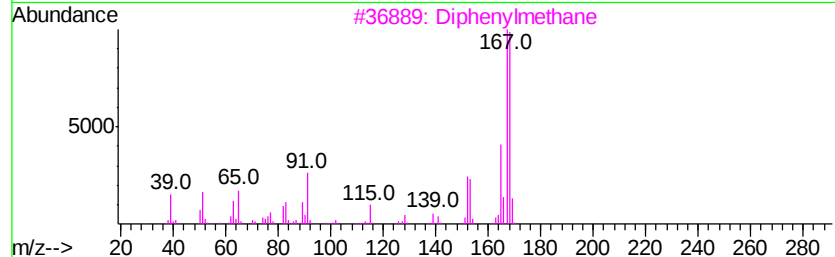
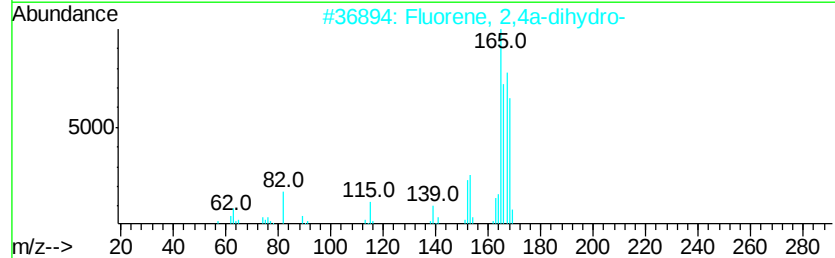
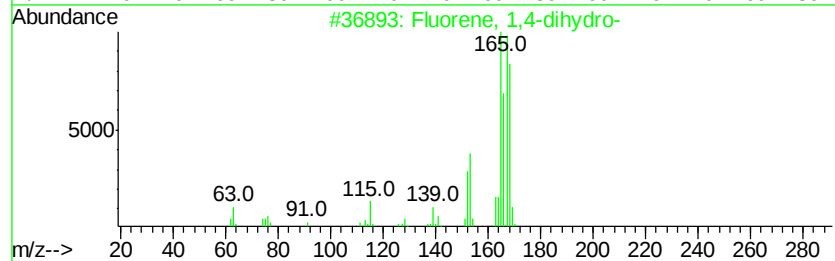
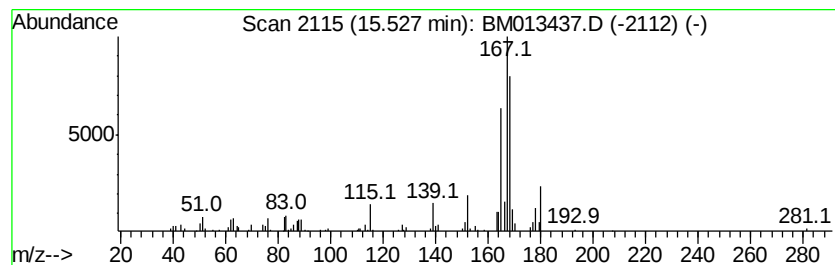
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Fluorene, 1,4-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	2.09 ng/ul	264722	Acenaphthene-d10	14.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	70
2		Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	70
3		Diphenylmethane	168	C13H12	000101-81-5	68
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5		Diphenylmethane	168	C13H12	000101-81-5	58



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Operator : SJ/JU
Sample : I6758-13MEDL 10X
Misc :
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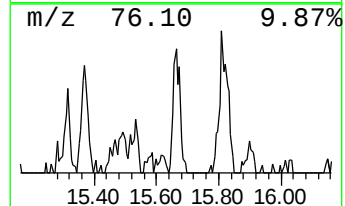
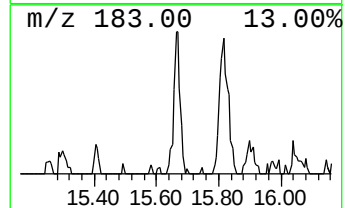
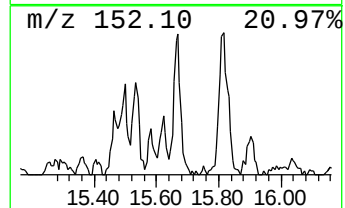
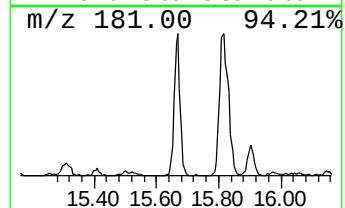
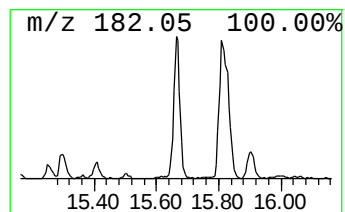
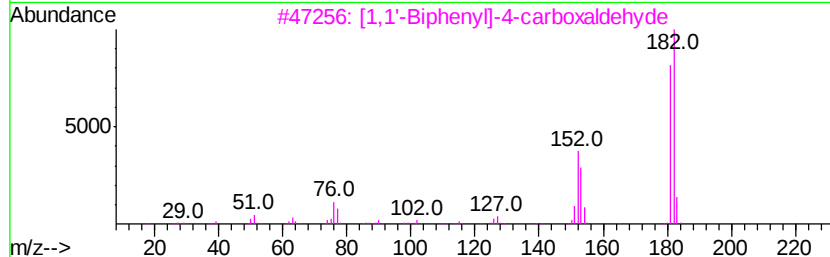
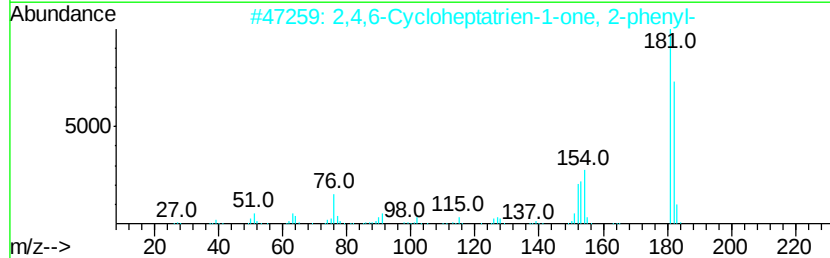
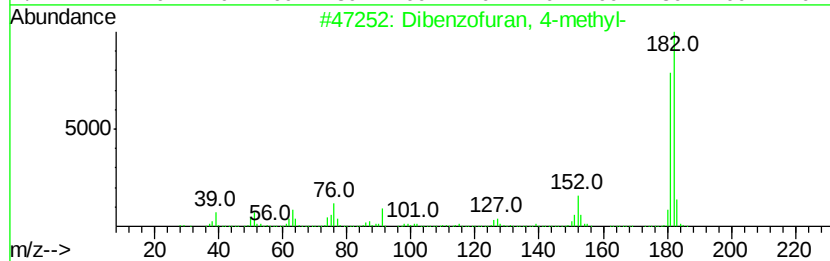
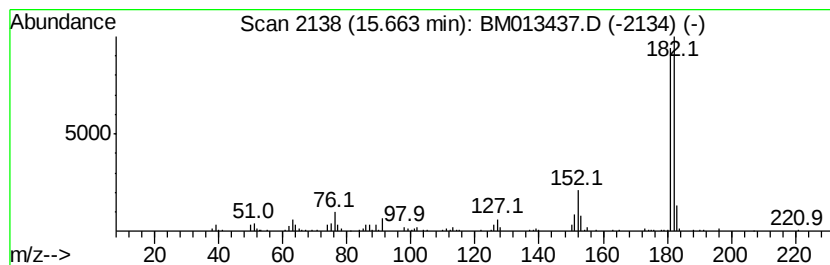
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.64 ng/ul	335185	Acenaphthene-d10	14.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182 C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyd	182 C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	83
5	2-Hydroxyfluorene	182 C13H10O	002443-58-5	64



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Operator : SJ/JU
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Misc :
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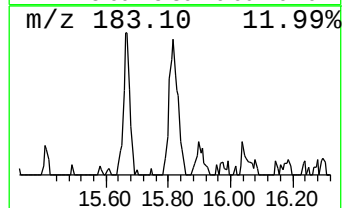
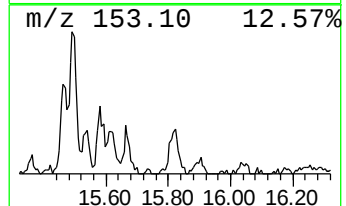
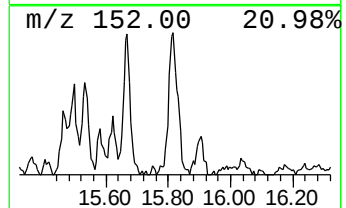
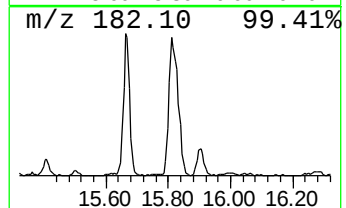
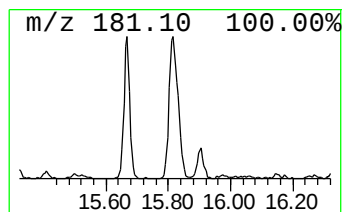
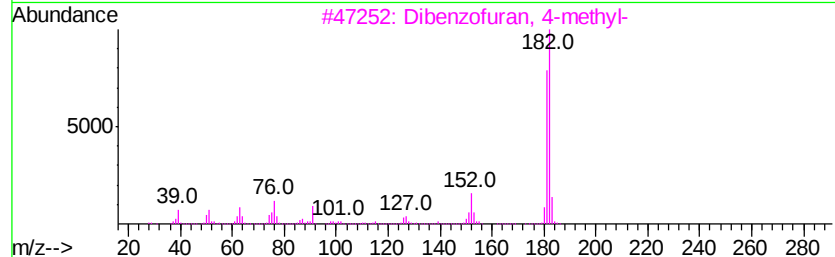
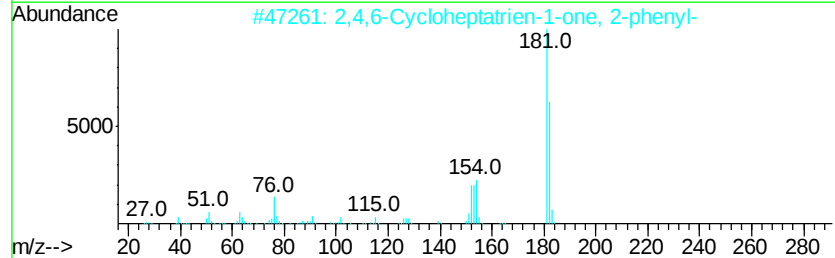
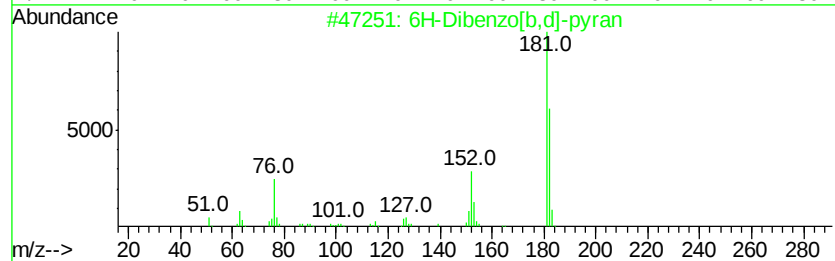
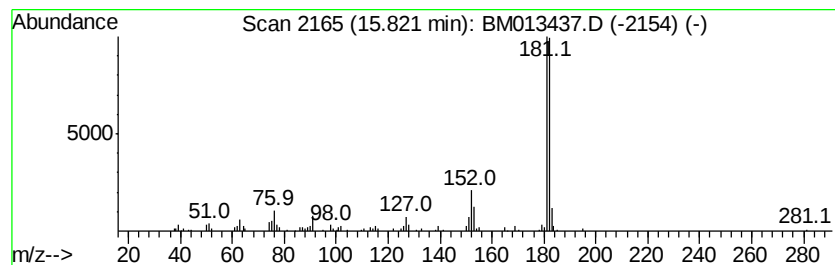
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 6H-Dibenzo[b,d]-pyran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.11 ng/ul	457080	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013437.D
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Operator : SJ/JU
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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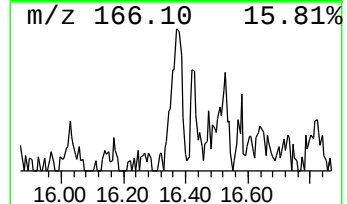
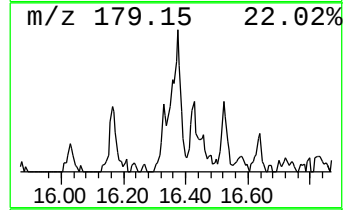
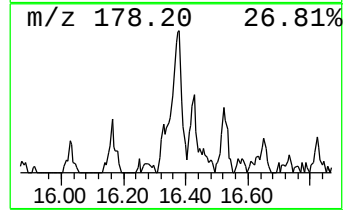
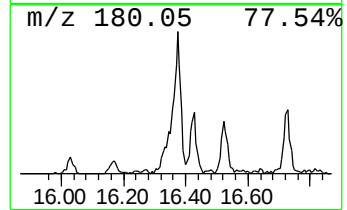
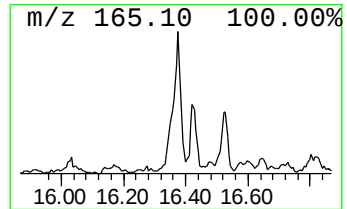
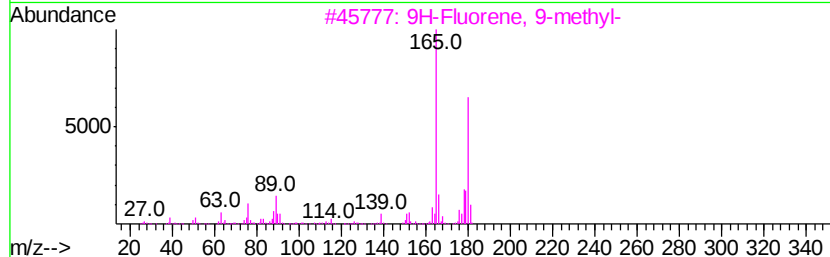
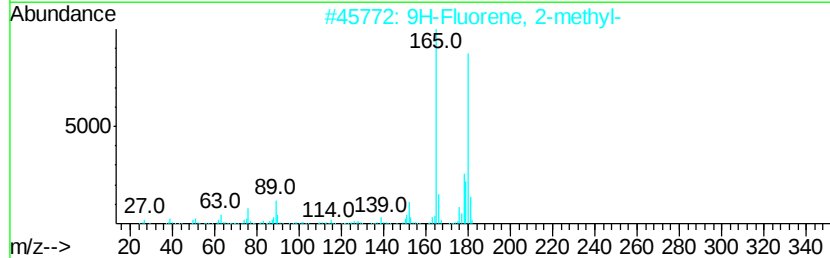
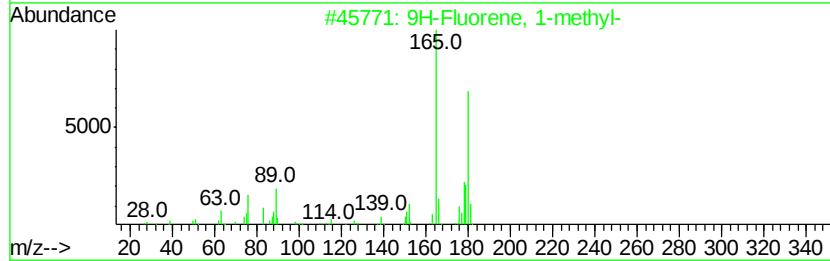
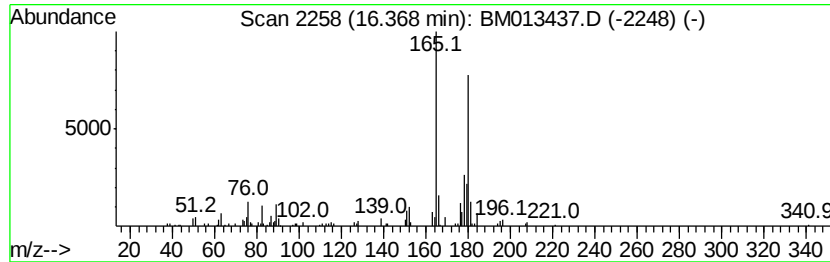
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.54 ng/ul	372965	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
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Misc :
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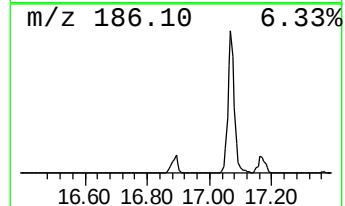
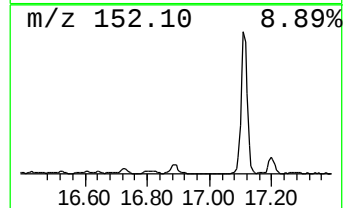
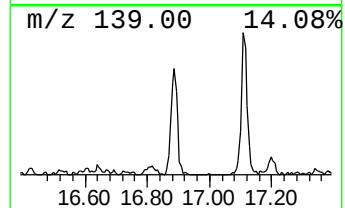
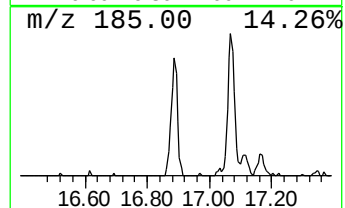
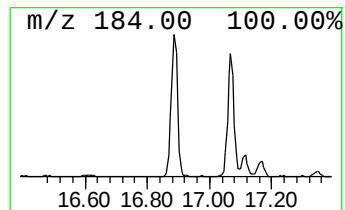
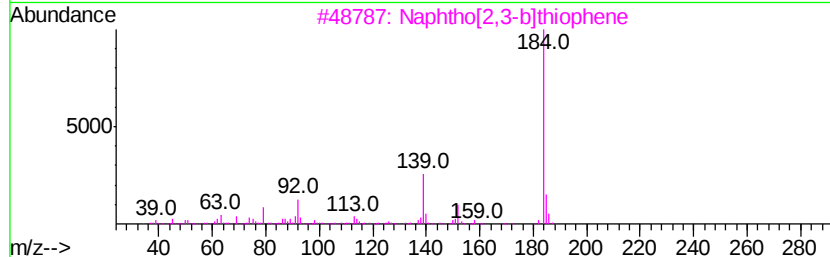
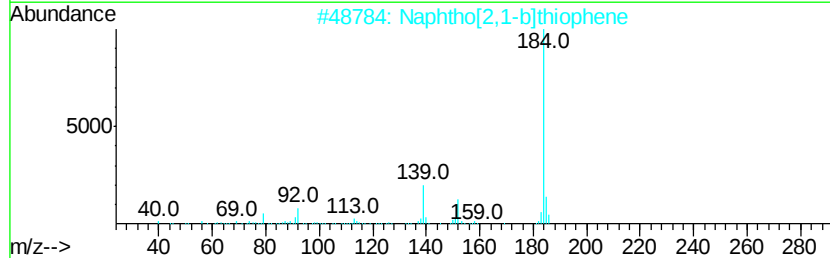
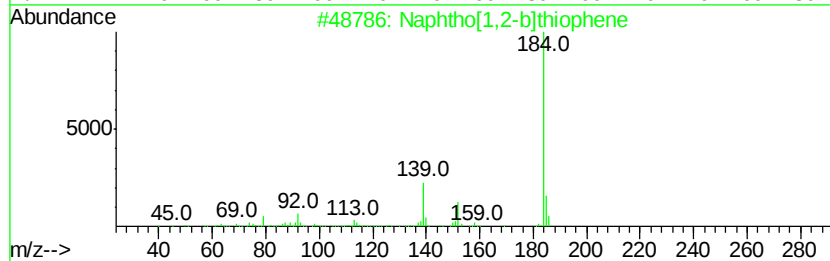
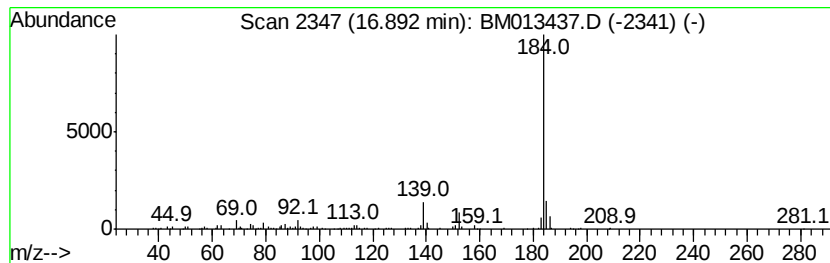
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.96 ng/ul	435147	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4		Dibenzothiophene	184	C12H8S	000132-65-0	94
5		Dibenzothiophene	184	C12H8S	000132-65-0	91



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Data File : BM013437.D
Acq On : 15 Dec 2017 13:45
Operator : SJ/JU
Sample : I6758-13MEDL 10X
Misc :
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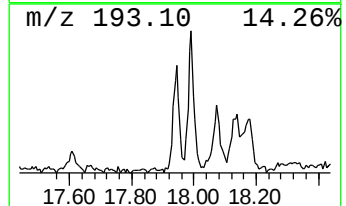
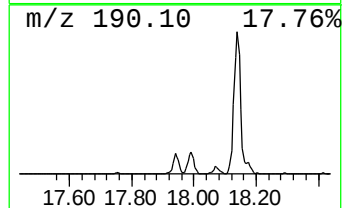
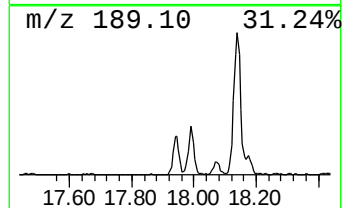
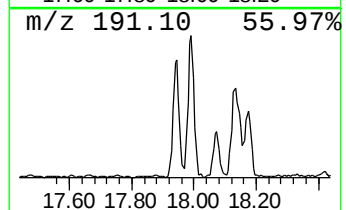
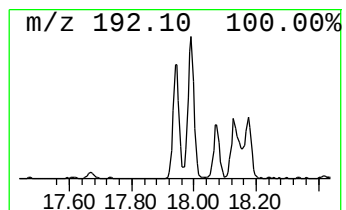
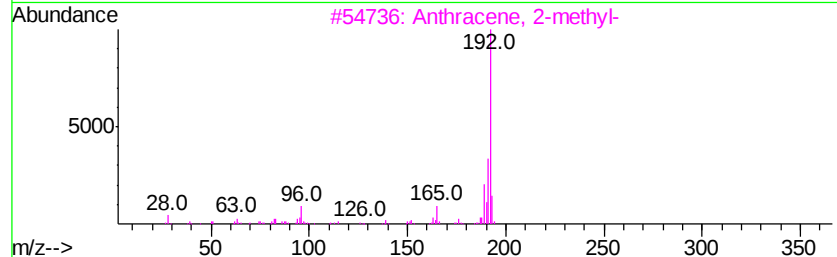
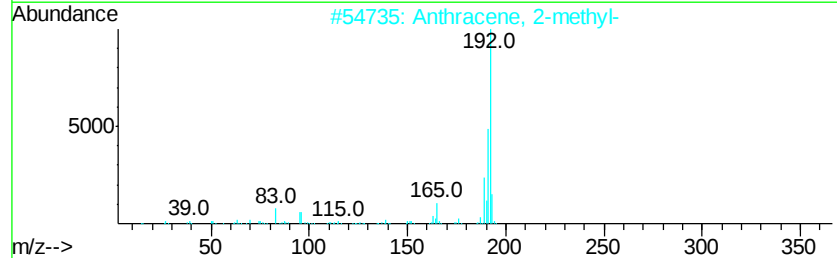
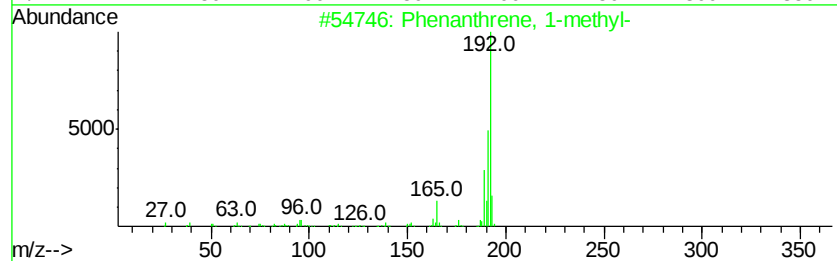
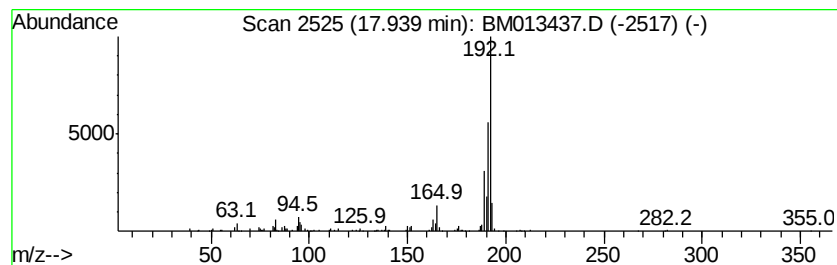
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.13 ng/ul	458966	Phenanthrene-d10	17.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



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Misc :
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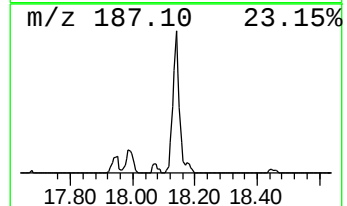
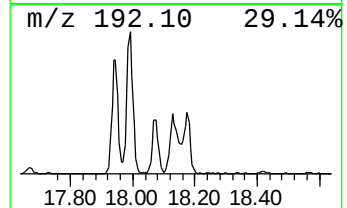
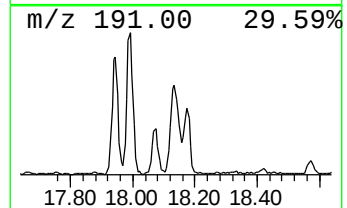
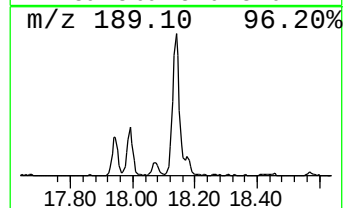
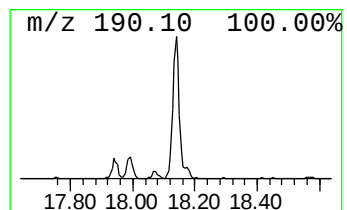
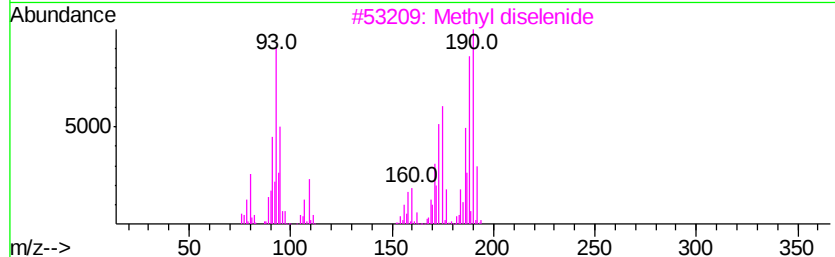
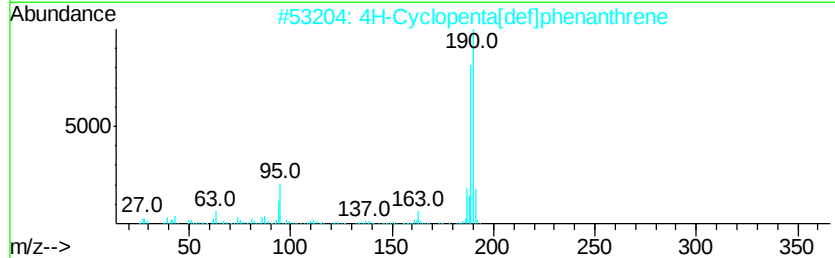
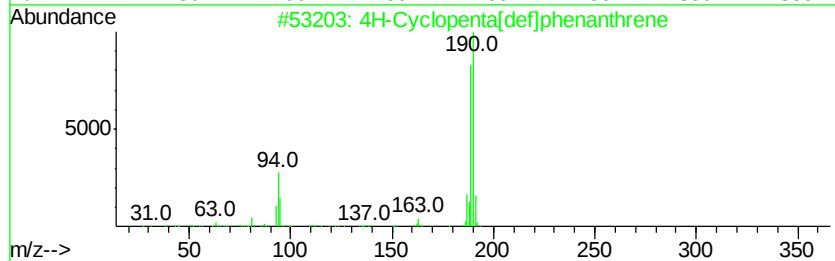
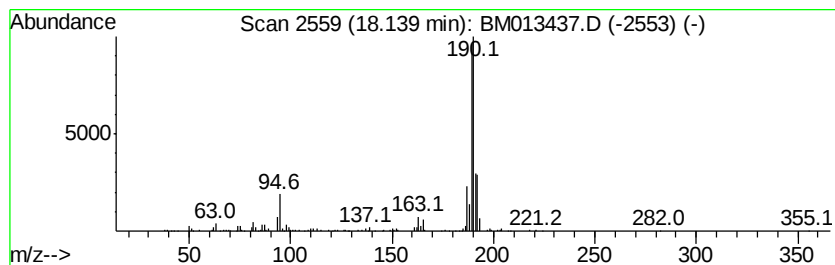
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	5.53 ng/ul	811572	Phenanthrene-d10	17.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		Methyl diselenide	190	C2H6Se2	007101-31-7	55
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013437.D
Acq On : 15 Dec 2017 13:45
Operator : SJ/JU
Sample : I6758-13MEDL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
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Naphthalene, 1,3-...	13.64	3.7	ng/ul	470466	3	14.32	2536840	20.0
Fluorene, 1,4-dih...	15.53	2.1	ng/ul	264722	3	14.32	2536840	20.0
Dibenzofuran, 4-m...	15.66	2.6	ng/ul	335185	3	14.32	2536840	20.0
6H-Dibenzo[b,d]-p...	15.82	3.1	ng/ul	457080	4	17.07	2936370	20.0
9H-Fluorene, 1-me...	16.37	2.5	ng/ul	372965	4	17.07	2936370	20.0
Naphtho[1,2-b]thi...	16.89	3.0	ng/ul	435147	4	17.07	2936370	20.0
Phenanthrene, 1-m...	17.94	3.1	ng/ul	458966	4	17.07	2936370	20.0
4H-Cyclopenta[def...	18.14	5.5	ng/ul	811572	4	17.07	2936370	20.0