

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023216.D
 Acq On : 17 Oct 2019 11:38
 Operator : JU
 Sample : K5262-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB80

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	28	32	40	rVB	99890	142597	1.55%	0.116%
2	3.681	114	118	124	rVB	86447	118033	1.28%	0.096%
3	3.817	137	141	146	rVB	39080	59597	0.65%	0.048%
4	3.899	151	155	166	rVB	193609	283558	3.07%	0.230%
5	4.899	319	325	333	rBV7	21511	42400	0.46%	0.034%
6	5.011	339	344	348	rVB	34280	53234	0.58%	0.043%
7	5.205	371	377	386	rVB	49765	84641	0.92%	0.069%
8	5.334	394	399	408	rBV	70064	147292	1.60%	0.119%
9	5.675	449	457	460	rBV2	69303	132174	1.43%	0.107%
10	6.669	616	626	633	rBV9	16017	43924	0.48%	0.036%
11	6.840	646	655	672	rVB2	1443957	2777558	30.10%	2.252%
12	6.999	676	682	690	rBV	1105050	1765288	19.13%	1.431%
13	7.199	708	716	723	rBV	1556224	2429169	26.33%	1.969%
14	7.322	730	737	746	rBV3	100593	211209	2.29%	0.171%
15	7.410	748	752	757	rVB4	26364	44556	0.48%	0.036%
16	7.663	788	795	804	rBV	1434858	2276777	24.67%	1.846%
17	7.740	804	808	813	rVV	23311	37124	0.40%	0.030%
18	8.204	882	887	896	rVB4	30449	86159	0.93%	0.070%
19	8.369	908	915	921	rVV	1607988	2517006	27.28%	2.041%
20	8.428	921	925	930	rVV	63056	122272	1.33%	0.099%
21	8.481	930	934	940	rVB	105348	180895	1.96%	0.147%
22	8.810	976	990	997	rBV	1368473	2286121	24.78%	1.853%
23	8.916	1003	1008	1018	rVV4	40979	102850	1.11%	0.083%
24	9.293	1068	1072	1079	rVV	71102	111697	1.21%	0.091%
25	9.428	1091	1095	1100	rBV5	21053	36956	0.40%	0.030%
26	9.528	1105	1112	1121	rVV	1074889	1759750	19.07%	1.427%
27	9.675	1133	1137	1141	rVB4	24122	38778	0.42%	0.031%
28	9.887	1166	1173	1179	rVV9	48694	135656	1.47%	0.110%
29	9.940	1180	1182	1188	rVV7	22382	41276	0.45%	0.033%
30	10.069	1191	1204	1212	rVV	1749080	3014949	32.67%	2.444%
31	10.322	1241	1247	1252	rBV9	18406	38990	0.42%	0.032%
32	10.445	1260	1268	1274	rBV	1862308	3123824	33.85%	2.532%
33	10.493	1274	1276	1283	rVB	131141	199030	2.16%	0.161%
34	10.581	1283	1291	1299	rBV	916089	1683650	18.25%	1.365%

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35	10.640	1299	1301	1308	rVB3	32176	49446	0.54%	0.040%
36	11.398	1425	1430	1437	rVB7	25406	44036	0.48%	0.036%
37	11.504	1441	1448	1455	rBV6	32737	84367	0.91%	0.068%
38	11.663	1466	1475	1476	rBV9	21621	46264	0.50%	0.038%
39	11.781	1488	1495	1508	rBV9	26801	119124	1.29%	0.097%
40	11.916	1508	1518	1520	rVV5	36379	89208	0.97%	0.072%
41	11.975	1521	1528	1535	rVV5	61757	181603	1.97%	0.147%
42	12.045	1535	1540	1546	rVV3	46731	78939	0.86%	0.064%
43	12.116	1546	1552	1561	rVB	113225	205236	2.22%	0.166%
44	12.339	1585	1590	1597	rVB	75767	119397	1.29%	0.097%
45	12.816	1667	1671	1676	rBV7	20502	38102	0.41%	0.031%
46	12.875	1677	1681	1686	rVB2	45451	62480	0.68%	0.051%
47	13.139	1722	1726	1736	rVV2	64648	167875	1.82%	0.136%
48	13.281	1743	1750	1755	rVV6	33648	88051	0.95%	0.071%
49	13.363	1756	1764	1770	rVB2	84384	201090	2.18%	0.163%
50	13.475	1778	1783	1784	rBV4	41327	56016	0.61%	0.045%
51	13.551	1791	1796	1801	rBV2	54135	94816	1.03%	0.077%
52	13.639	1805	1811	1815	rVV2	107381	188664	2.04%	0.153%
53	13.686	1815	1819	1820	rVV3	56896	67498	0.73%	0.055%
54	13.728	1820	1826	1830	rVV	2849728	4050762	43.90%	3.284%
55	13.775	1830	1834	1840	rVV	1085030	1610440	17.45%	1.306%
56	13.828	1841	1843	1847	rVV	46475	59947	0.65%	0.049%
57	13.869	1847	1850	1854	rVB2	54958	74898	0.81%	0.061%
58	13.998	1866	1872	1883	rBV2	3344026	5853873	63.44%	4.746%
59	14.128	1891	1894	1897	rBV3	50415	76821	0.83%	0.062%
60	14.245	1910	1914	1918	rVB2	48034	63835	0.69%	0.052%
61	14.310	1918	1925	1931	rBV	2641212	3937779	42.67%	3.192%
62	14.375	1931	1936	1939	rVB2	115338	174371	1.89%	0.141%
63	14.504	1953	1958	1969	rBV	704737	1110363	12.03%	0.900%
64	14.651	1979	1983	1987	rBV2	72064	100594	1.09%	0.082%
65	14.733	1990	1997	2003	rVV4	198331	458651	4.97%	0.372%
66	14.798	2005	2008	2012	rVB3	68120	87979	0.95%	0.071%
67	14.869	2017	2020	2024	rVB3	46449	59554	0.65%	0.048%
68	14.922	2024	2029	2035	rBV4	95242	231416	2.51%	0.188%
69	14.986	2038	2040	2044	rVV	46779	54474	0.59%	0.044%
70	15.022	2044	2046	2051	rVV2	35652	47777	0.52%	0.039%
71	15.186	2070	2074	2081	rBV2	114707	221583	2.40%	0.180%

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72	15.310	2088	2095	2100	rVB	4136357	6011553	65.15%	4.874%
73	15.363	2100	2104	2110	rBV3	149211	281556	3.05%	0.228%
74	15.422	2110	2114	2122	rVV	367568	542789	5.88%	0.440%
75	15.486	2123	2125	2128	rVB4	44010	42528	0.46%	0.034%
76	16.092	2225	2228	2235	rVB	165196	221176	2.40%	0.179%
77	16.416	2280	2283	2290	rBV5	101628	140989	1.53%	0.114%
78	16.639	2318	2321	2324	rVB2	107678	118064	1.28%	0.096%
79	17.057	2386	2392	2396	rBV	2945779	4240593	45.96%	3.438%
80	17.098	2396	2399	2403	rVB	1371834	1757729	19.05%	1.425%
81	17.157	2403	2409	2413	rBV	4205505	6215104	67.35%	5.039%
82	17.933	2537	2541	2545	rBV	403305	559157	6.06%	0.453%
83	17.980	2545	2549	2555	rVV	716957	998785	10.82%	0.810%
84	18.127	2569	2574	2578	rBV2	618576	1172910	12.71%	0.951%
85	18.863	2694	2699	2703	rBV2	544863	846024	9.17%	0.686%
86	19.116	2738	2742	2747	rVB	3003534	4009468	43.45%	3.250%
87	19.192	2751	2755	2764	rBV4	611033	1196195	12.96%	0.970%
88	19.268	2765	2768	2772	rBV	400451	557955	6.05%	0.452%
89	19.451	2794	2799	2802	rBV	5191381	7862337	85.21%	6.374%
90	19.480	2802	2804	2812	rVB	3207117	4048526	43.87%	3.282%
91	19.710	2840	2843	2852	rVB3	798179	1314437	14.24%	1.066%
92	19.980	2887	2889	2894	rVB	880333	1079694	11.70%	0.875%
93	20.115	2909	2912	2915	rBV	1554630	1701114	18.44%	1.379%
94	20.992	3058	3061	3069	rVB5	1506798	2273711	24.64%	1.843%
95	21.245	3098	3104	3108	rBV2	4871461	9227466	100.00%	7.481%
96	21.286	3108	3111	3118	rVB	2364525	3302363	35.79%	2.677%
97	22.804	3365	3369	3373	rBV	2026115	3863400	41.87%	3.132%
98	23.327	3453	3458	3462	rBV	3536896	6124658	66.37%	4.965%
99	23.368	3462	3465	3470	rVB	1947593	2834641	30.72%	2.298%
100	23.462	3477	3481	3487	rVB	2709418	4419558	47.90%	3.583%

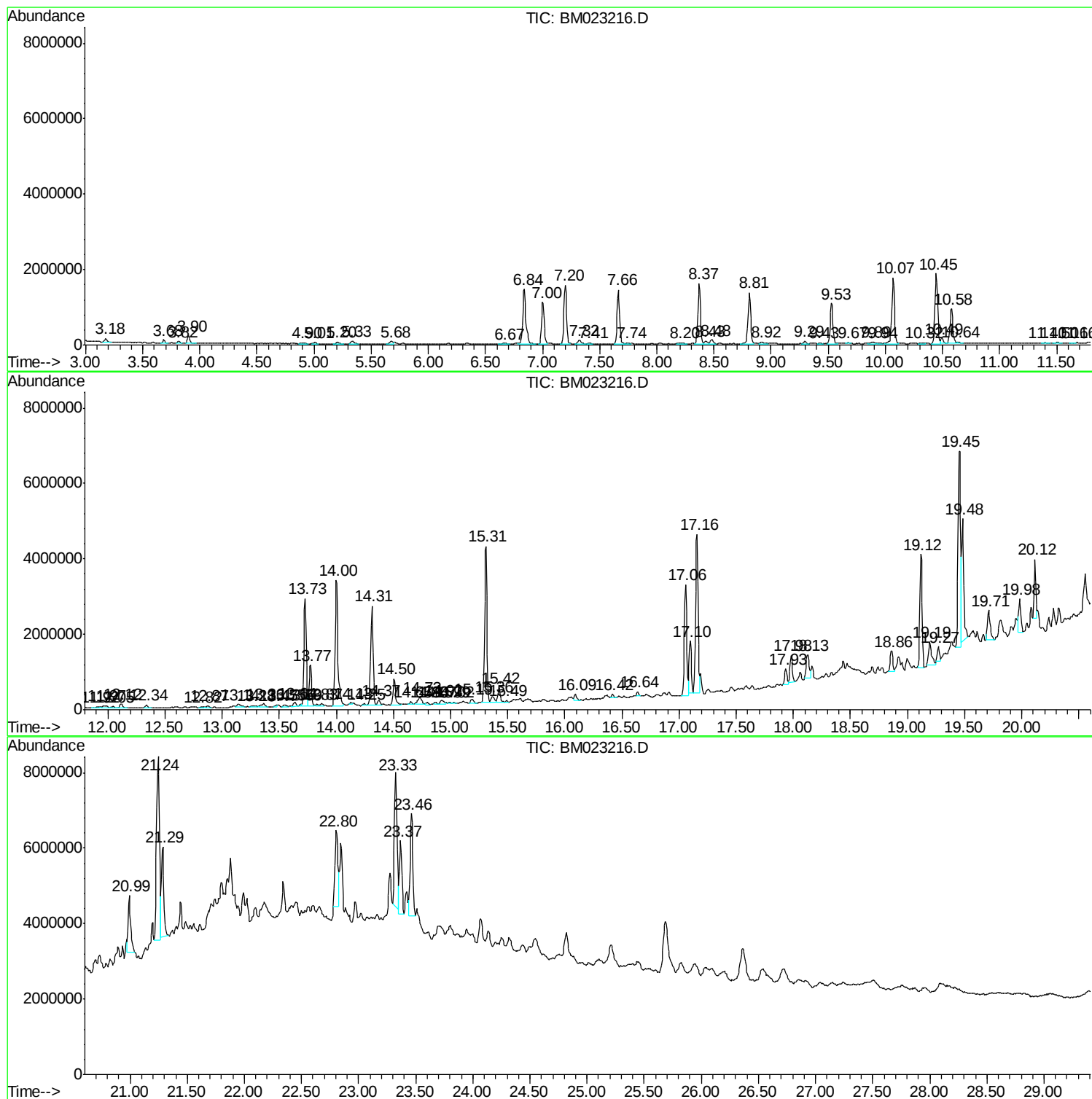
Sum of corrected areas: 123350799

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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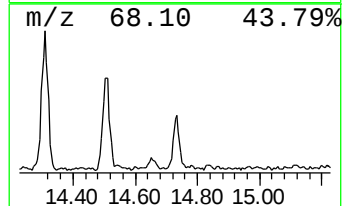
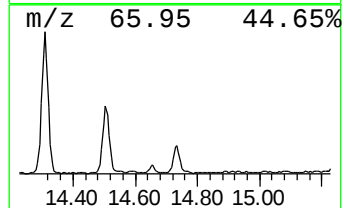
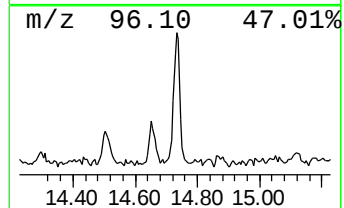
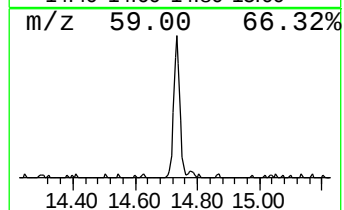
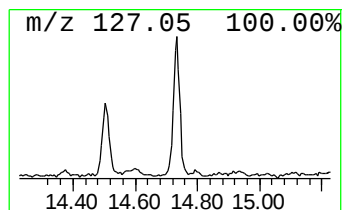
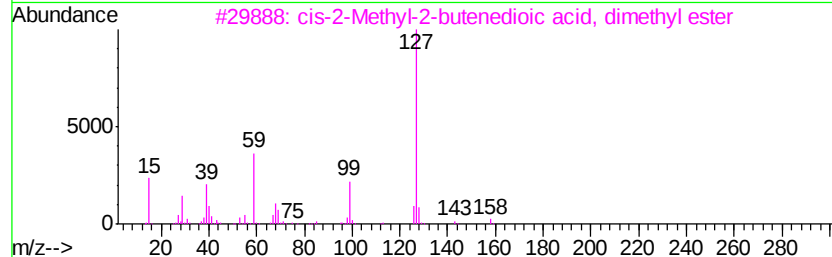
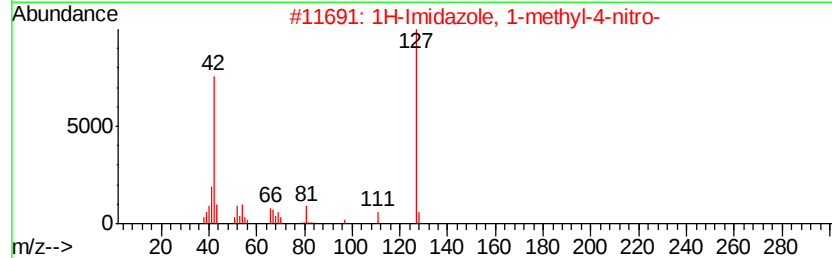
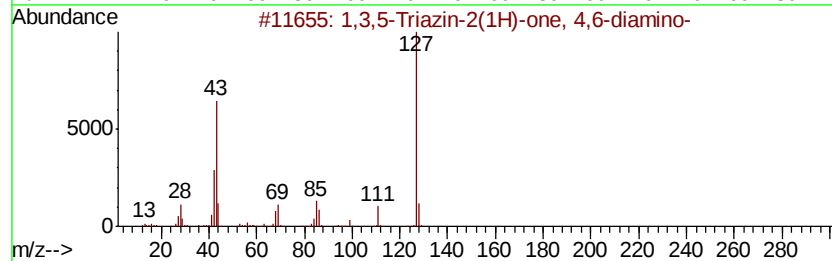
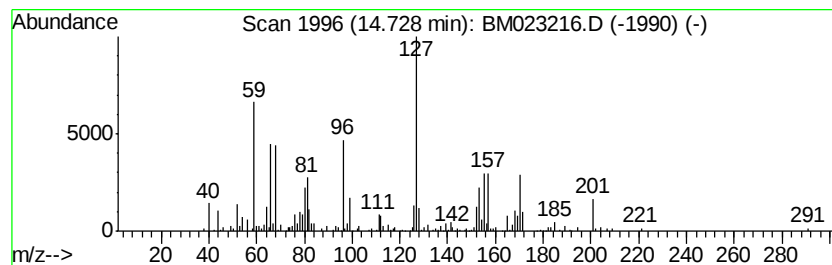
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.33 ng/ul	458651	Acenaphthene-d10	14.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Triazin-2(1H)-one, 4,6-dia...	127	C3H5N5O	000645-92-1	11
2		1H-Imidazole, 1-methyl-4-nitro-	127	C4H5N3O2	003034-41-1	11
3		cis-2-Methyl-2-butenedioic acid,...	158	C7H10O4	000617-54-9	11
4		4-Amino-2,6-dihydroxypvrimidine	127	C4H5N3O2	000873-83-6	10
5		3-Methyl-1-nitropyrazole	127	C4H5N3O2	031163-84-5	10



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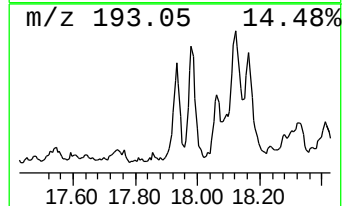
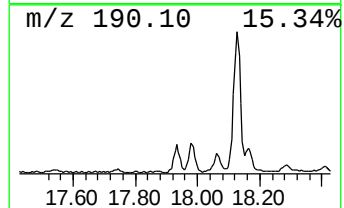
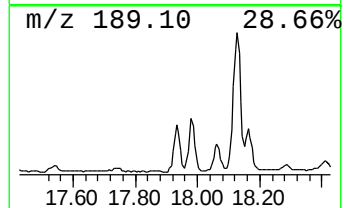
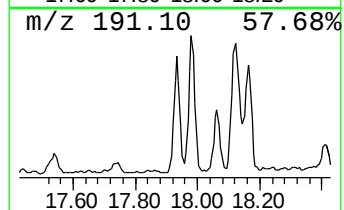
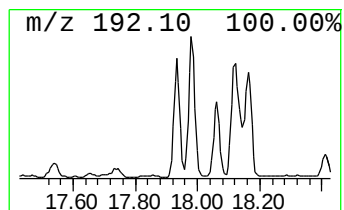
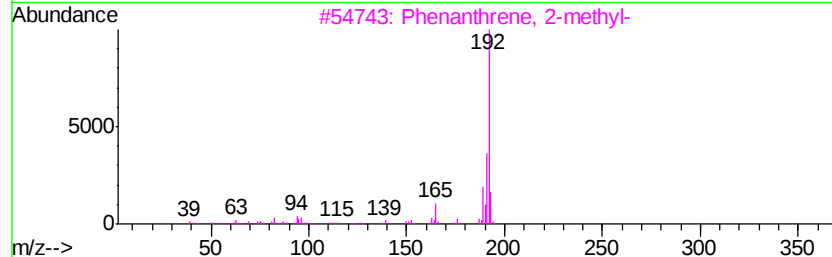
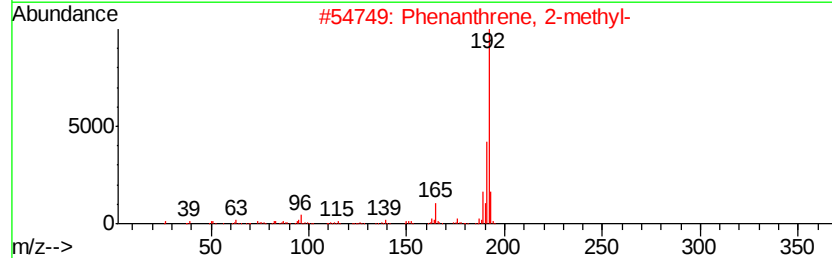
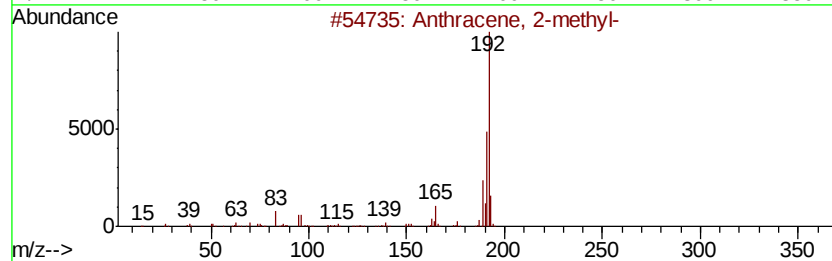
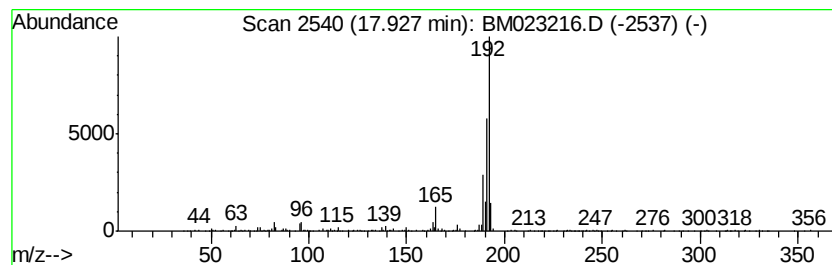
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Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.64 ng/ul	559157	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91



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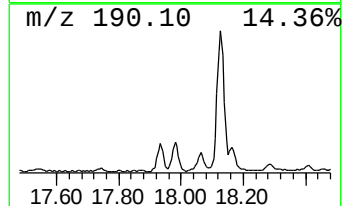
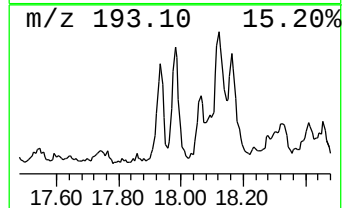
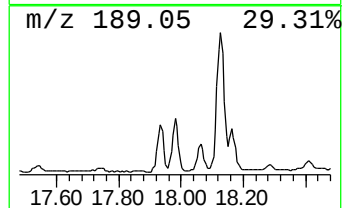
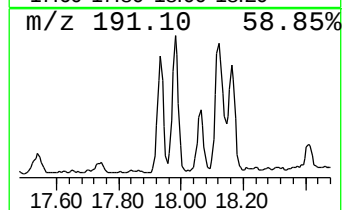
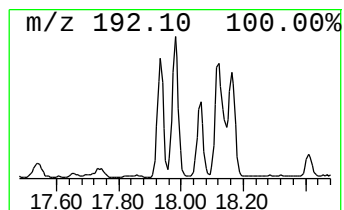
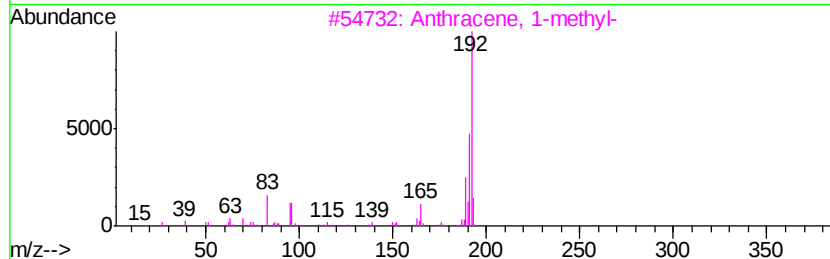
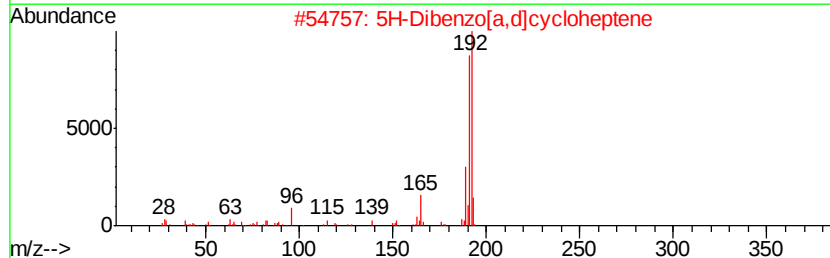
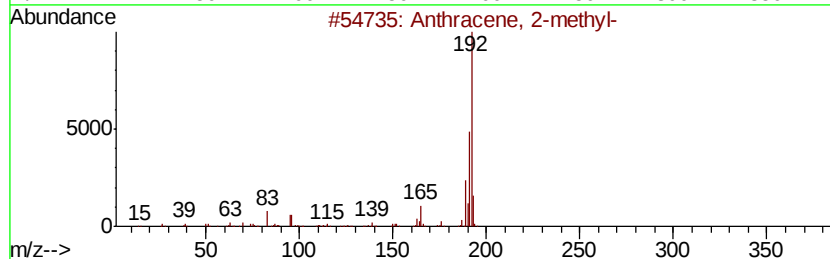
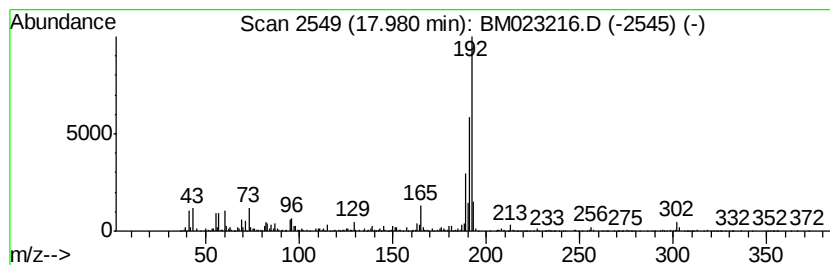
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Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.71 ng/ul	998785	Phenanthrene-d10	17.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
Acq On : 17 Oct 2019 11:38
Operator : JU
Sample : K5262-19
Misc :
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ClientSampleId :
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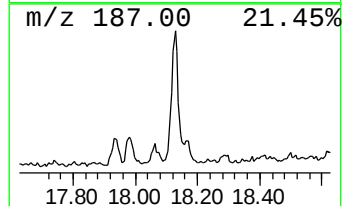
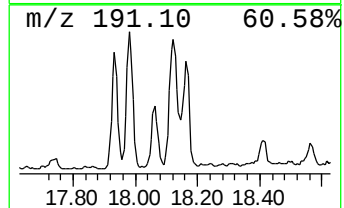
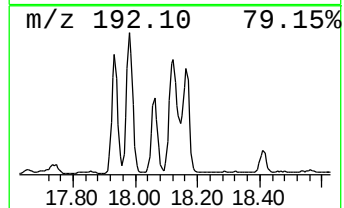
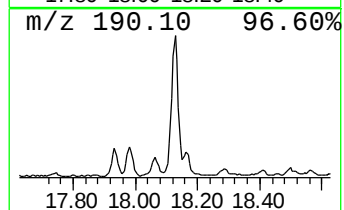
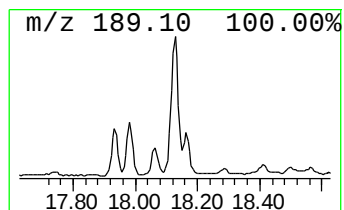
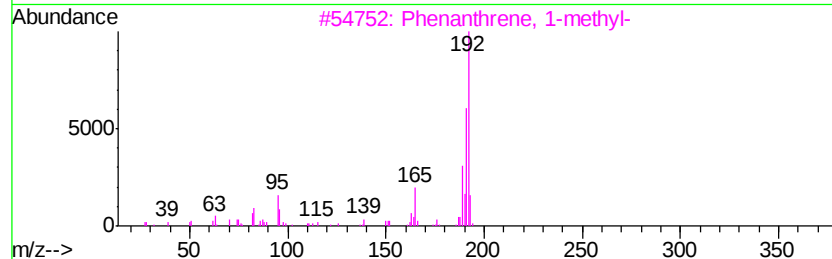
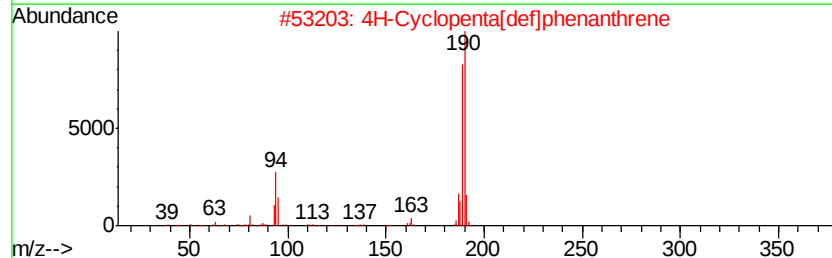
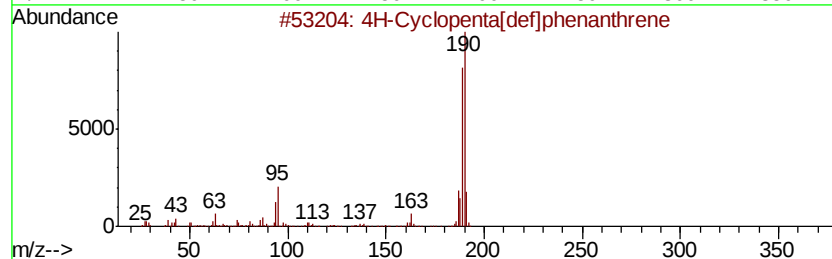
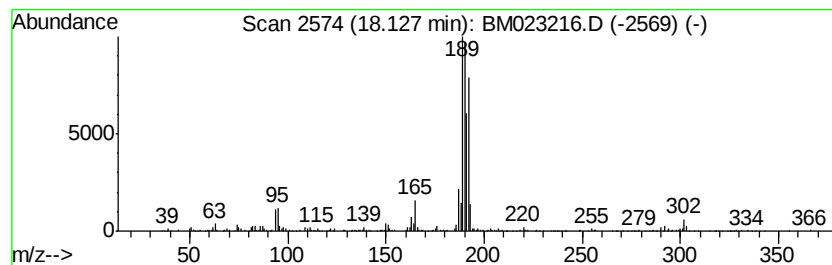
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	5.53 ng/ul	1172910	Phenanthrene-d10	17.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
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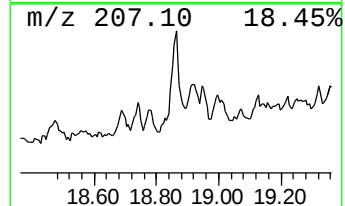
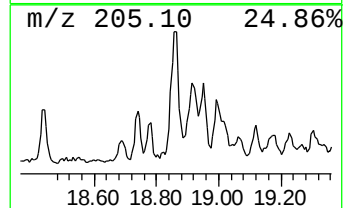
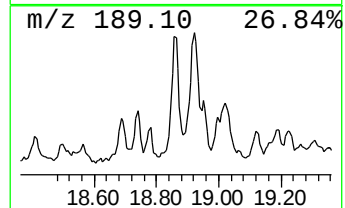
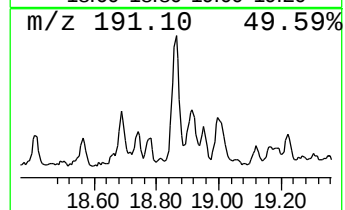
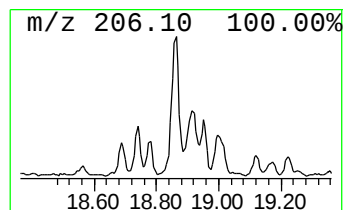
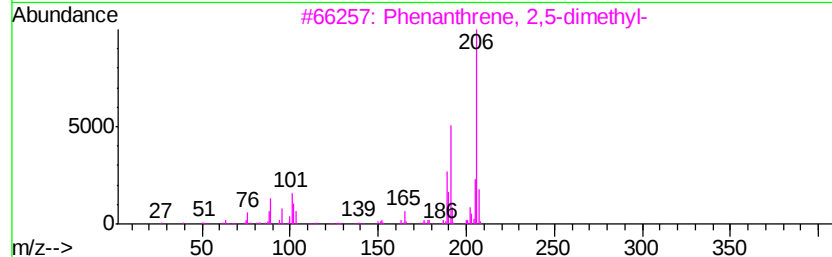
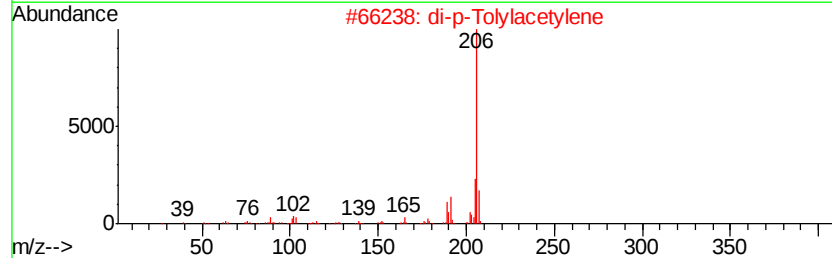
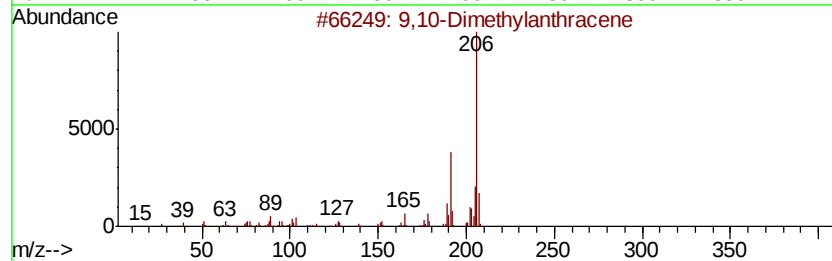
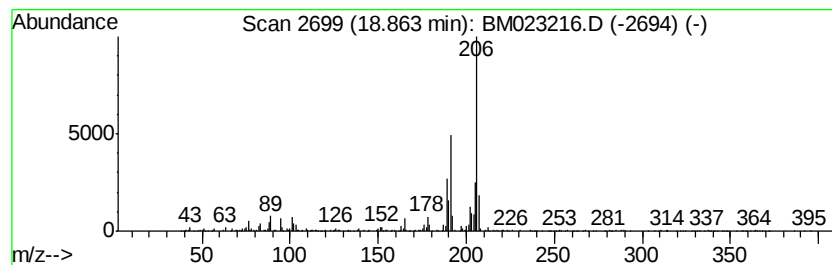
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,10-Dimethylantracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.86	3.99 ng/ul	846024	Phenanthrene-d10		17.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene			206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	93
4	9,10-Dimethylantracene			206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-			206	C16H14	000483-87-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
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Misc :
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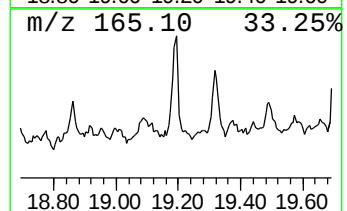
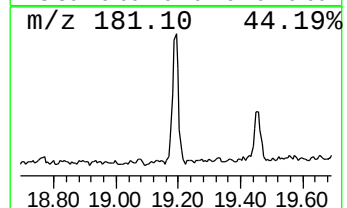
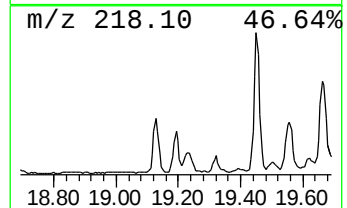
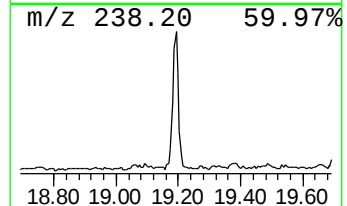
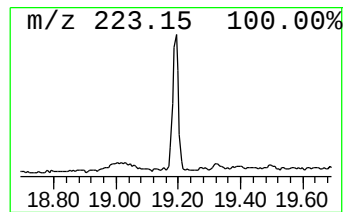
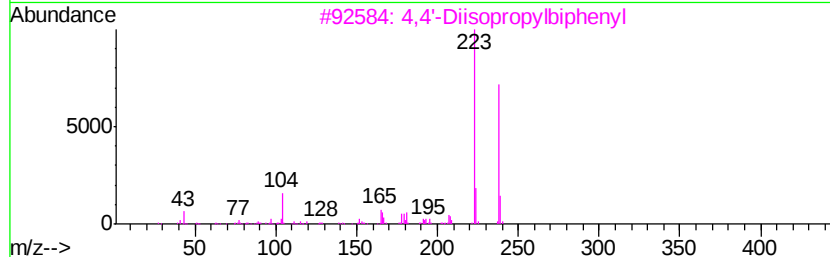
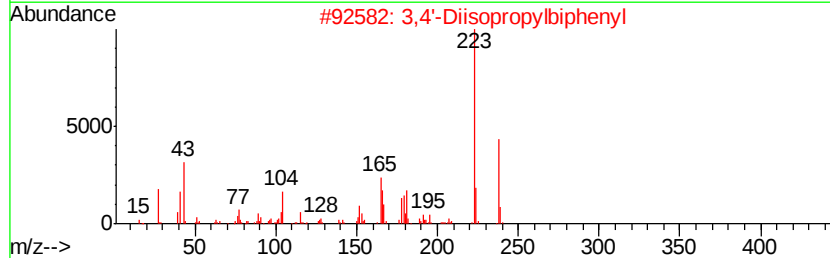
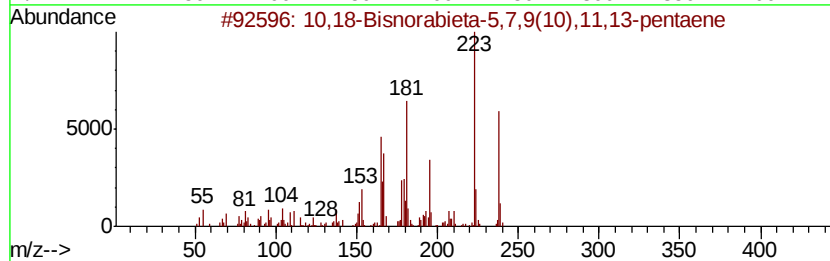
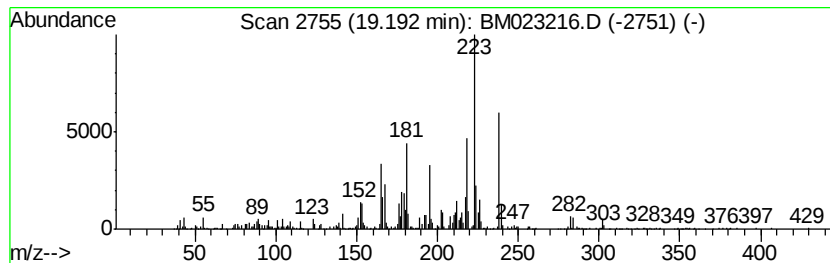
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.59 ng/ul	1196200	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	97
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	78
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	46
4		3,3'-Diacetyl biphenyl	238	C16H14O2	094113-07-2	45
5		4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
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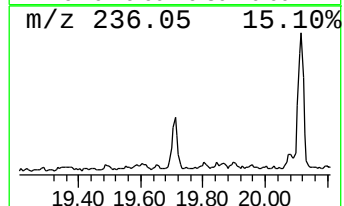
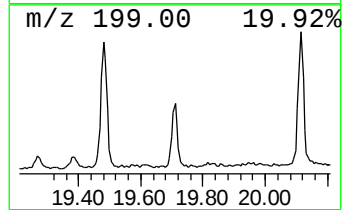
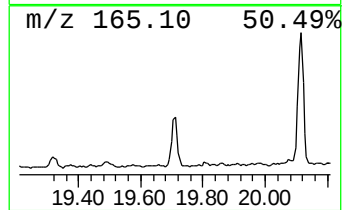
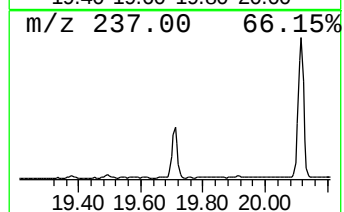
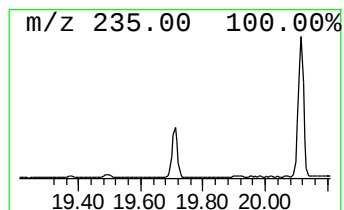
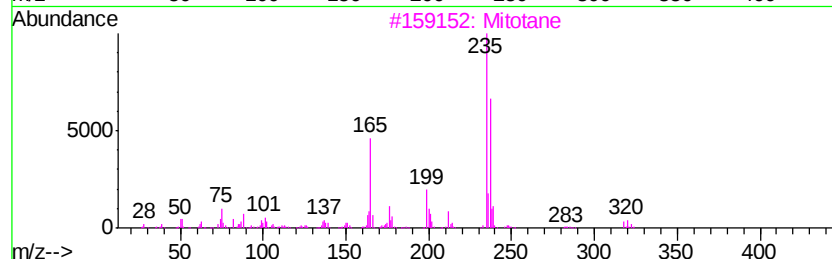
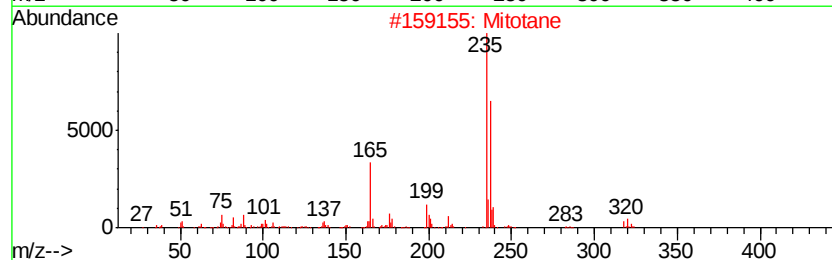
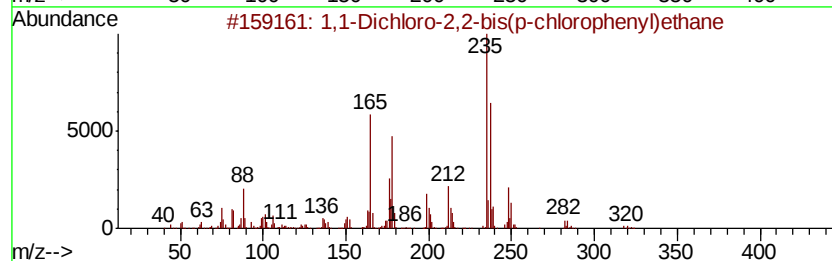
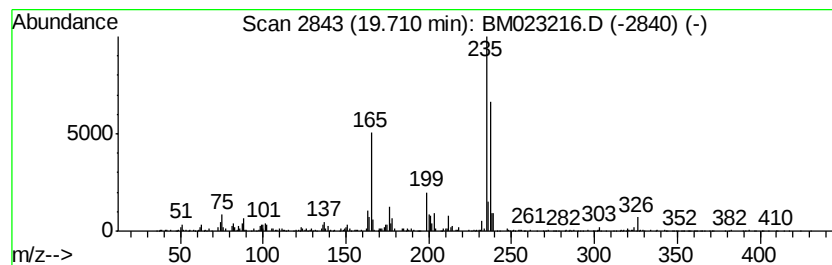
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.85 ng/ul	1314440	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	93
2		Mitotane	318	C14H10Cl4	000053-19-0	90
3		Mitotane	318	C14H10Cl4	000053-19-0	90
4		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	80
5		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
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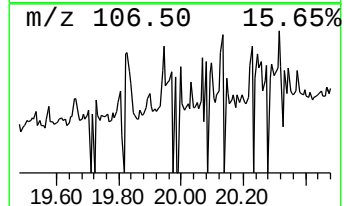
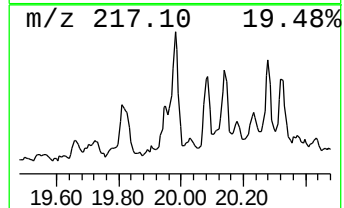
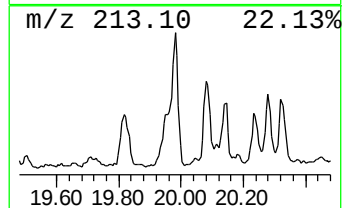
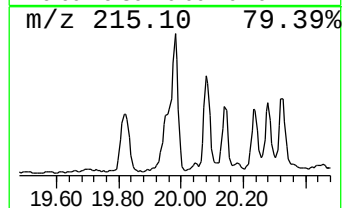
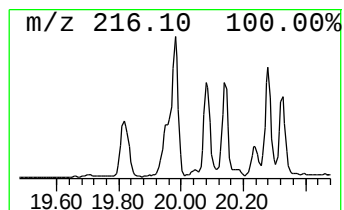
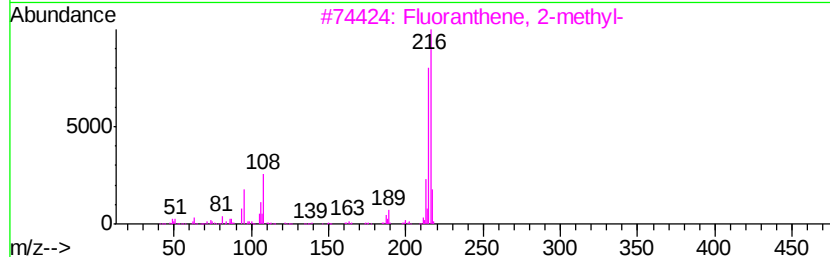
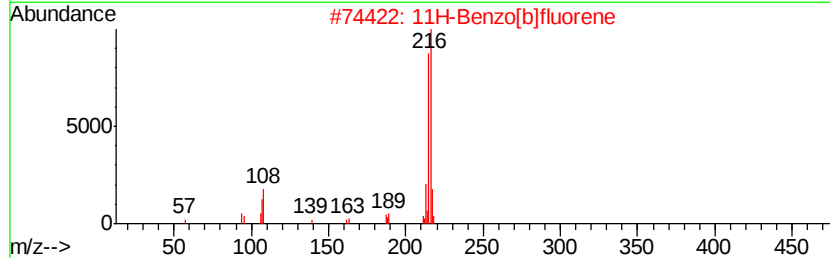
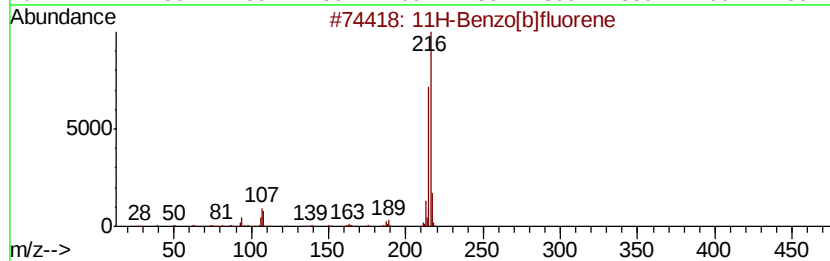
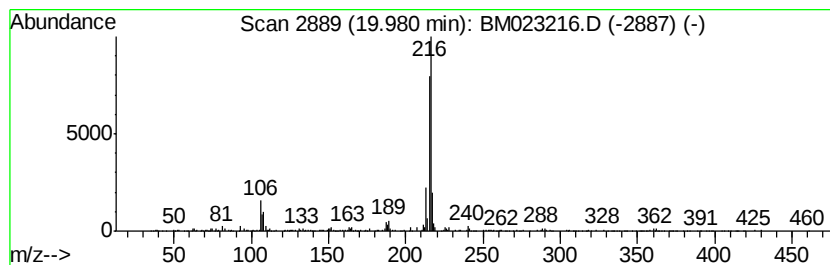
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.34 ng/ul	1079690	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



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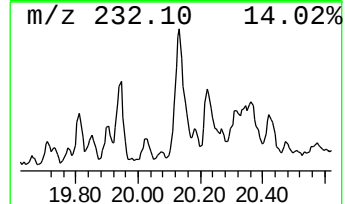
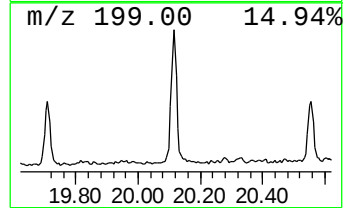
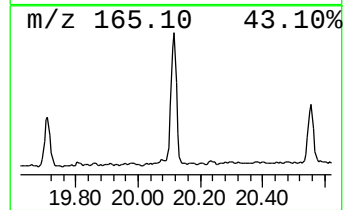
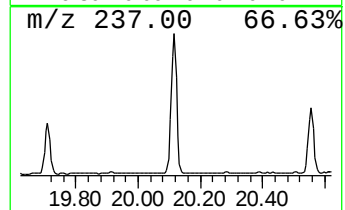
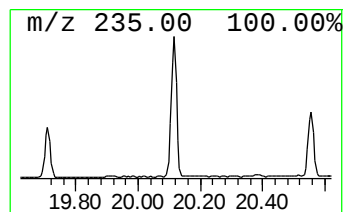
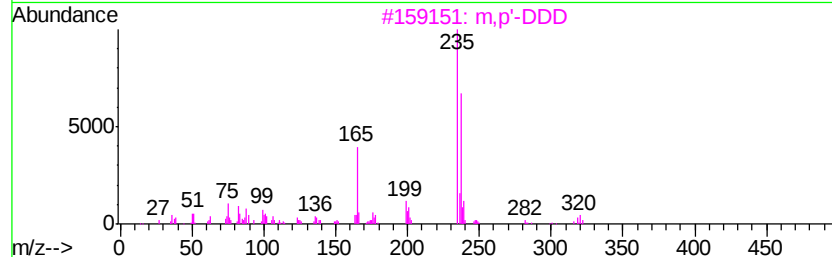
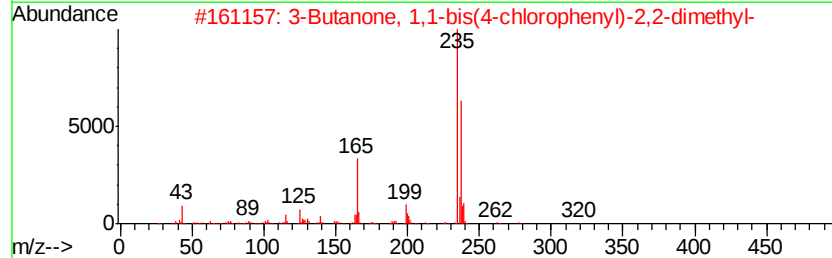
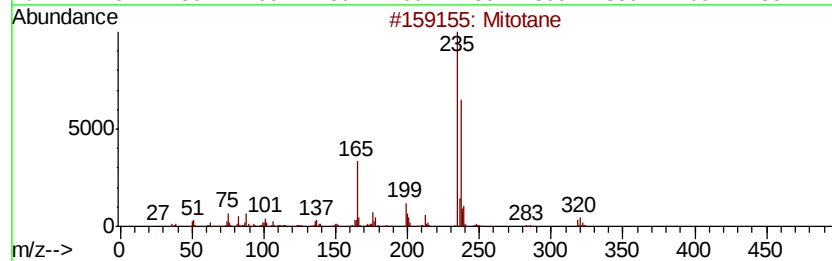
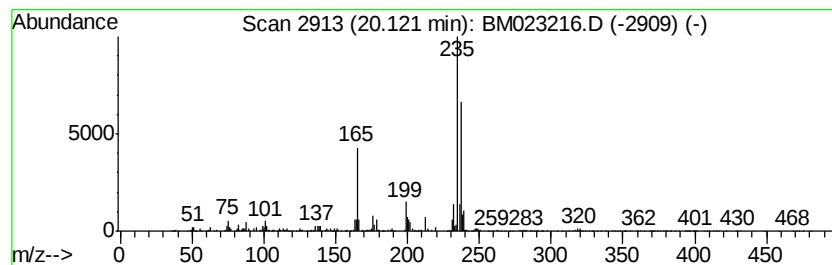
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Mitotane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	3.69 ng/ul	1701110	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	95
2		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	91
3		m,p'-DDD	318	C14H10Cl4	004329-12-8	90
4		m,p'-DDD	318	C14H10Cl4	004329-12-8	90
5		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\
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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
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Anthracene, 2-met...	17.93	2.6	ng/ul	559157	4	17.06	4240590	20.0
5H-Dibenzo[a,d]cy...	17.98	4.7	ng/ul	998785	4	17.06	4240590	20.0
4H-Cyclopenta[def...	18.13	5.5	ng/ul	1172910	4	17.06	4240590	20.0
9,10-Dimethylanthe...	18.86	4.0	ng/ul	846024	4	17.06	4240590	20.0
10,18-Bisnorabiet...	19.19	2.6	ng/ul	1196200	5	21.25	9227470	20.0
1,1-Dichloro-2,2-...	19.71	2.9	ng/ul	1314440	5	21.25	9227470	20.0
11H-Benzo[b]fluorene	19.98	2.3	ng/ul	1079690	5	21.25	9227470	20.0
Mitotane	20.12	3.7	ng/ul	1701110	5	21.25	9227470	20.0