

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
 Data File : BM023334.D
 Acq On : 23 Oct 2019 00:19
 Operator : JU
 Sample : K5354-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFBB2

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	3.169	28	31	39	rVB2	73885	114696	1.14%	0.093%
2	3.675	114	117	122	rVB	46359	52380	0.52%	0.043%
3	3.805	133	139	147	rVB	71217	126719	1.26%	0.103%
4	3.893	149	154	160	rVB	170572	244824	2.44%	0.199%
5	5.187	370	374	378	rVB	44054	63671	0.63%	0.052%
6	5.316	391	396	405	rBV	115400	196918	1.96%	0.160%
7	5.693	452	460	468	rVB5	63336	157506	1.57%	0.128%
8	6.669	615	626	630	rBV8	46195	104603	1.04%	0.085%
9	6.822	643	652	667	rVB	1007858	1929622	19.20%	1.566%
10	6.987	672	680	688	rBV	792685	1285115	12.79%	1.043%
11	7.181	706	713	722	rVV	1085116	1722575	17.14%	1.398%
12	7.293	727	732	740	rBV3	108265	183950	1.83%	0.149%
13	7.645	785	792	803	rVV	1594579	2457506	24.45%	1.994%
14	8.357	905	913	920	rVV	1045839	1737398	17.29%	1.410%
15	8.410	920	922	927	rVV6	29310	50982	0.51%	0.041%
16	8.469	927	932	939	rVV	42896	83398	0.83%	0.068%
17	8.792	981	987	999	rVB	995645	1646021	16.38%	1.336%
18	9.269	1062	1068	1073	rBV4	33012	55856	0.56%	0.045%
19	9.510	1102	1109	1118	rBV	800842	1354844	13.48%	1.099%
20	10.051	1195	1201	1212	rVB	1303212	2190787	21.80%	1.778%
21	10.428	1257	1265	1271	rBV	2069621	3498159	34.81%	2.839%
22	10.475	1271	1273	1280	rVV2	81623	118278	1.18%	0.096%
23	10.563	1280	1288	1295	rVV	267038	502287	5.00%	0.408%
24	11.486	1438	1445	1448	rBV4	36158	62582	0.62%	0.051%
25	11.886	1505	1513	1518	rBV4	32160	77178	0.77%	0.063%
26	11.951	1520	1524	1532	rVV9	21808	52236	0.52%	0.042%
27	12.022	1532	1536	1542	rVB3	31696	51676	0.51%	0.042%
28	12.098	1542	1549	1555	rVB	77695	140710	1.40%	0.114%
29	12.316	1582	1586	1591	rVB	55554	79812	0.79%	0.065%
30	13.075	1706	1715	1719	rBV10	22044	51676	0.51%	0.042%
31	13.139	1719	1726	1730	rVV4	39256	91610	0.91%	0.074%
32	13.322	1754	1757	1767	rVB6	23337	58180	0.58%	0.047%
33	13.616	1803	1807	1812	rVV3	70103	122217	1.22%	0.099%
34	13.669	1812	1816	1818	rVV3	52983	80080	0.80%	0.065%

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35	13.710	1818	1823	1827	rVV	2336250	3330656	33.14%	2.703%
36	13.757	1827	1831	1836	rVV	1043988	1468331	14.61%	1.192%
37	13.804	1836	1839	1843	rVV3	49731	85746	0.85%	0.070%
38	13.845	1843	1846	1852	rVV5	46975	82295	0.82%	0.067%
39	13.980	1863	1869	1886	rBV	2837800	4608410	45.86%	3.740%
40	14.133	1890	1895	1900	rBV8	33354	62312	0.62%	0.051%
41	14.222	1906	1910	1915	rVB	57618	77857	0.77%	0.063%
42	14.292	1915	1922	1929	rBV2	3170719	4717528	46.94%	3.828%
43	14.357	1929	1933	1936	rVV	73817	117073	1.16%	0.095%
44	14.498	1951	1957	1966	rBV	602883	972609	9.68%	0.789%
45	14.716	1986	1994	2000	rVB5	86326	242092	2.41%	0.196%
46	14.774	2000	2004	2009	rVB	55243	88055	0.88%	0.071%
47	14.845	2009	2016	2021	rBV10	39657	73779	0.73%	0.060%
48	14.910	2022	2027	2033	rBV7	52956	122637	1.22%	0.100%
49	14.974	2035	2038	2041	rVB	37857	46080	0.46%	0.037%
50	15.092	2051	2058	2061	rBV7	51422	96550	0.96%	0.078%
51	15.174	2067	2072	2078	rVB2	75675	122949	1.22%	0.100%
52	15.286	2085	2091	2098	rBV	3585868	5089597	50.64%	4.130%
53	15.339	2098	2100	2106	rVB2	78401	104509	1.04%	0.085%
54	15.410	2106	2112	2119	rBV	660067	930955	9.26%	0.755%
55	15.527	2129	2132	2136	rBV4	28253	47055	0.47%	0.038%
56	15.645	2147	2152	2154	rBV5	38987	55990	0.56%	0.045%
57	15.792	2173	2177	2184	rVB4	57139	122582	1.22%	0.099%
58	15.868	2185	2190	2196	rVV9	35031	79129	0.79%	0.064%
59	16.033	2212	2218	2222	rVV5	97066	222429	2.21%	0.181%
60	16.068	2222	2224	2231	rVB2	94956	114890	1.14%	0.093%
61	16.398	2277	2280	2286	rVB5	45668	61617	0.61%	0.050%
62	16.692	2327	2330	2339	rVB3	77243	155594	1.55%	0.126%
63	17.039	2383	2389	2393	rBV2	3868410	5557910	55.30%	4.510%
64	17.080	2393	2396	2400	rVB	1045635	1317221	13.11%	1.069%
65	17.139	2400	2406	2410	rBV	3773896	5455077	54.28%	4.427%
66	17.233	2419	2422	2427	rBV2	78079	116220	1.16%	0.094%
67	17.357	2440	2443	2447	rVB2	52648	65595	0.65%	0.053%
68	17.445	2454	2458	2463	rVB3	96221	153376	1.53%	0.124%
69	17.568	2476	2479	2482	rBV2	61551	73990	0.74%	0.060%
70	17.621	2482	2488	2493	rVB3	93562	169736	1.69%	0.138%
71	17.915	2534	2538	2542	rBV	285350	389947	3.88%	0.316%

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72	17.962	2542	2546	2553	rVV	746005	1057420	10.52%	0.858%
73	18.039	2554	2559	2563	rVV2	179832	404900	4.03%	0.329%
74	18.104	2565	2570	2575	rVV2	522722	1024334	10.19%	0.831%
75	18.145	2575	2577	2586	rVB	284892	471130	4.69%	0.382%
76	18.345	2608	2611	2616	rVB3	165038	206432	2.05%	0.168%
77	18.421	2621	2624	2627	rVB	176117	229792	2.29%	0.186%
78	18.533	2638	2643	2648	rBV3	447863	730891	7.27%	0.593%
79	18.674	2663	2667	2672	rVB2	483656	608133	6.05%	0.493%
80	18.721	2672	2675	2678	rBV	162438	238338	2.37%	0.193%
81	18.839	2691	2695	2700	rBV	500797	811611	8.08%	0.659%
82	18.933	2709	2711	2715	rVB	205616	211851	2.11%	0.172%
83	18.974	2715	2718	2722	rBV3	262211	440253	4.38%	0.357%
84	19.104	2735	2740	2746	rBV	2877203	3963391	39.44%	3.216%
85	19.168	2748	2751	2755	rVV2	759626	934967	9.30%	0.759%
86	19.251	2762	2765	2769	rBV	372927	462761	4.60%	0.376%
87	19.439	2791	2797	2799	rBV	4729149	6982890	69.48%	5.667%
88	19.462	2799	2801	2810	rVB	2941532	3852635	38.34%	3.126%
89	19.892	2870	2874	2878	rBV	1500759	1943098	19.33%	1.577%
90	19.962	2884	2886	2893	rVB	569240	762507	7.59%	0.619%
91	20.121	2910	2913	2917	rVB2	474781	643950	6.41%	0.523%
92	20.221	2927	2930	2934	rBV	496075	561477	5.59%	0.456%
93	20.433	2964	2966	2971	rVB	810471	915571	9.11%	0.743%
94	20.968	3054	3057	3062	rBV	3373489	4096659	40.76%	3.324%
95	21.227	3095	3101	3105	rBV2	5631744	10049834	100.00%	8.155%
96	21.268	3105	3108	3115	rVB	2124467	2744389	27.31%	2.227%
97	21.862	3205	3209	3218	rVB	4018956	6924400	68.90%	5.619%
98	22.780	3361	3365	3368	rBV	1616466	2963983	29.49%	2.405%
99	23.297	3448	3453	3457	rBV	3352844	5274596	52.48%	4.280%
100	23.439	3471	3477	3482	rBV	3568981	6372185	63.41%	5.171%

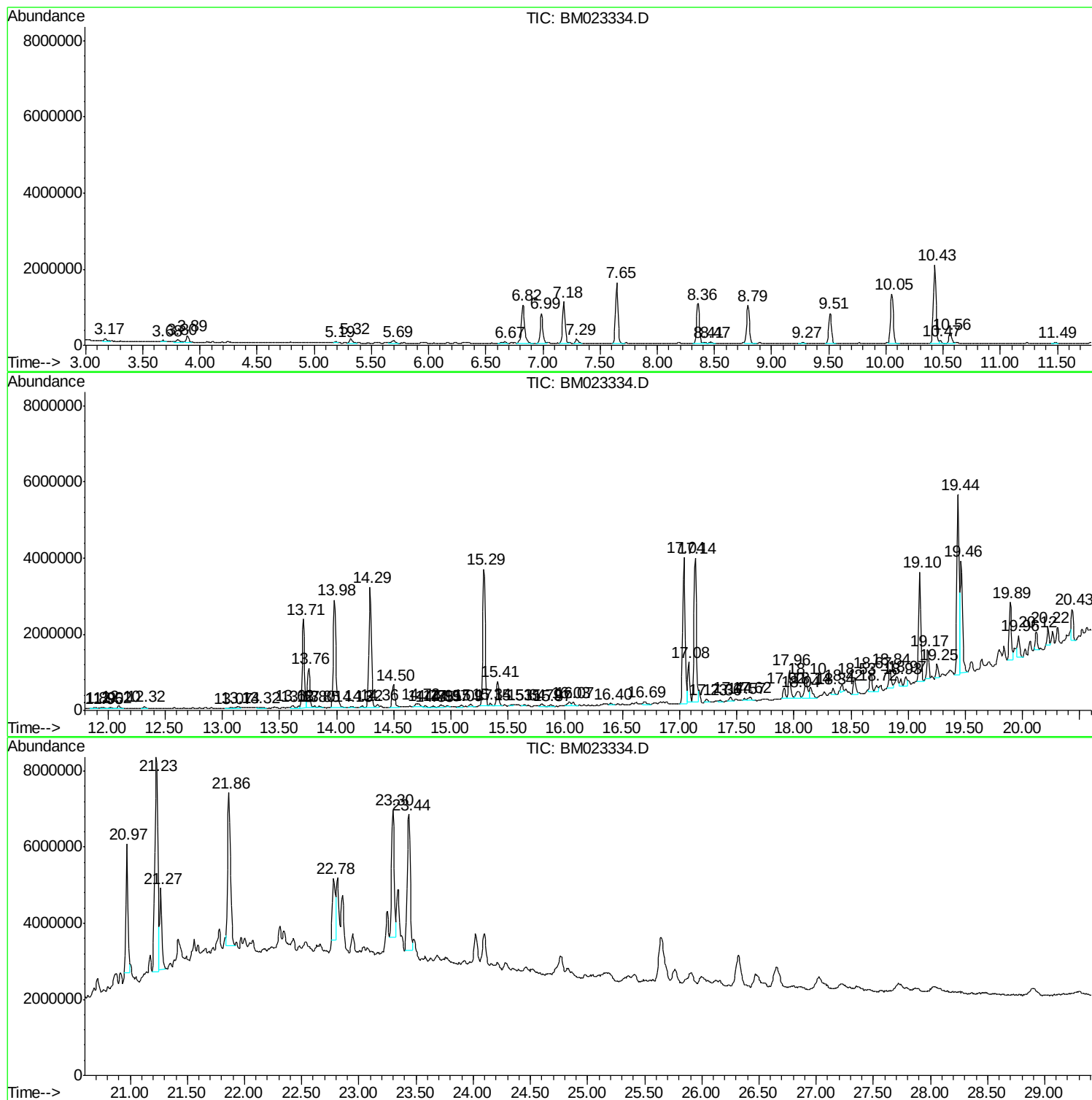
Sum of corrected areas: 123228808

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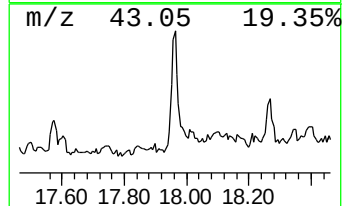
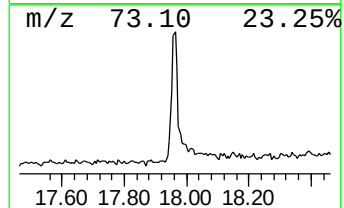
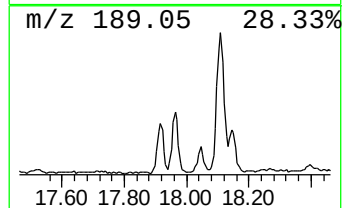
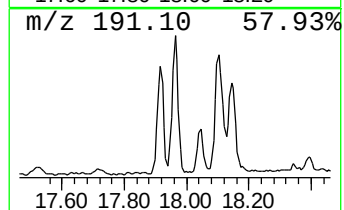
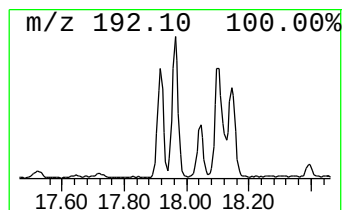
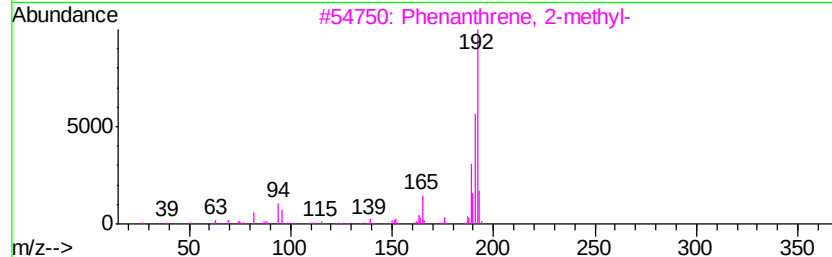
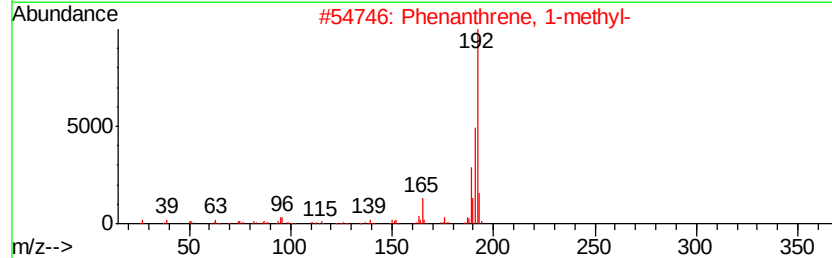
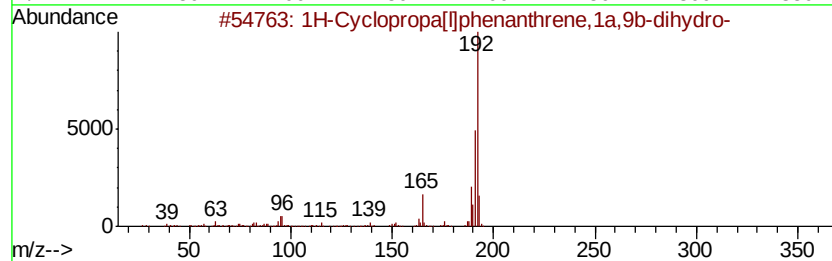
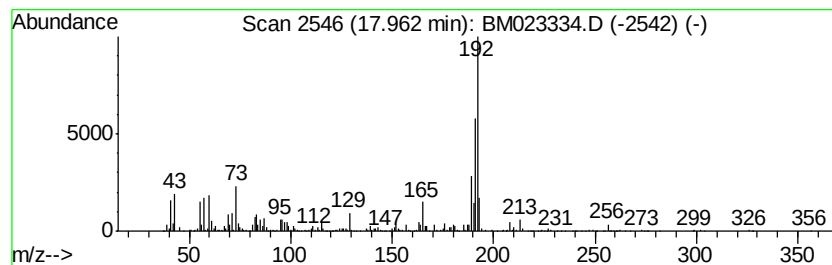
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.81 ng/ul	1057420	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



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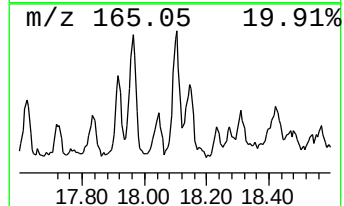
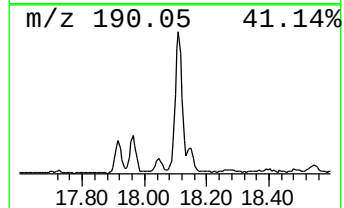
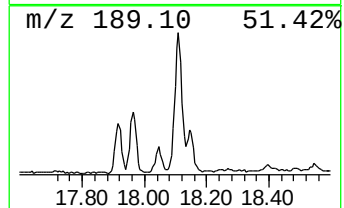
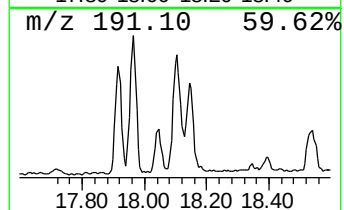
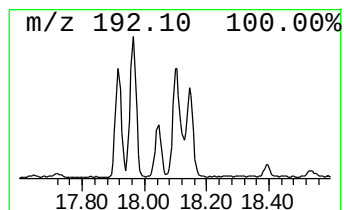
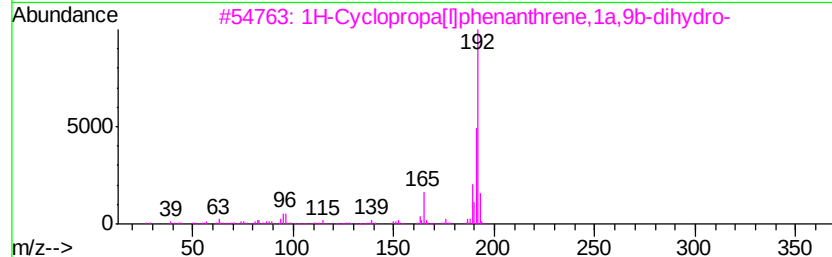
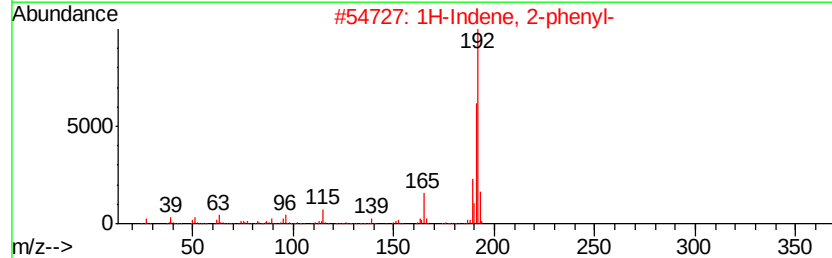
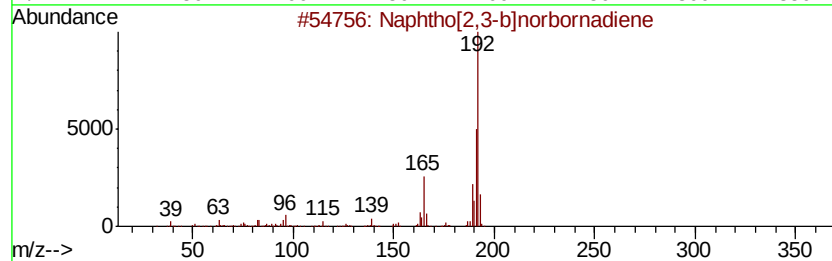
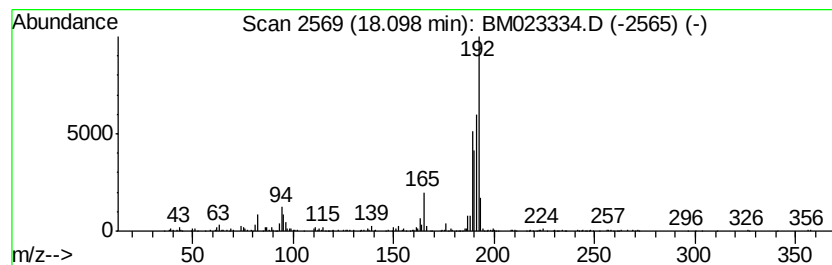
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Naphtho[2,3-b]norbornadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.69 ng/ul	1024330	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4		1a,9b-Dihydro-1H-cyclopropa[1]alan...	192	C15H12	006109-24-6	50
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	50



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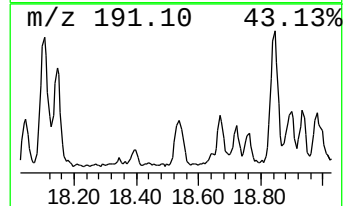
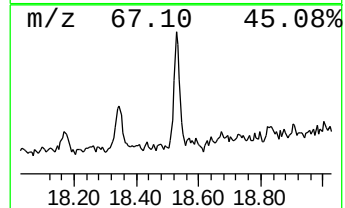
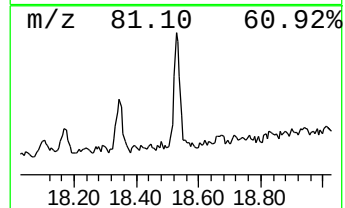
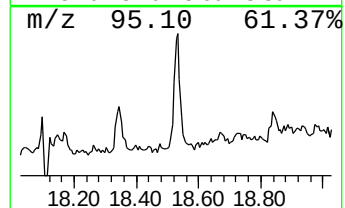
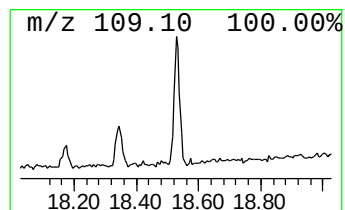
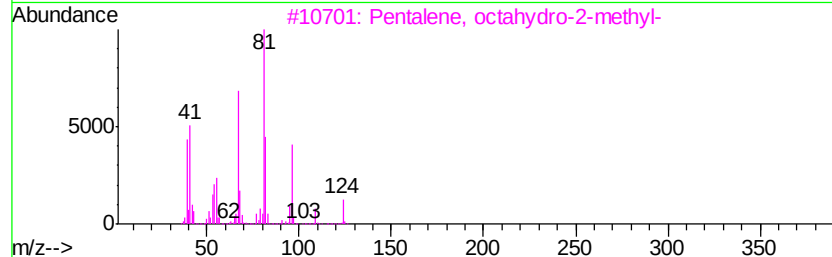
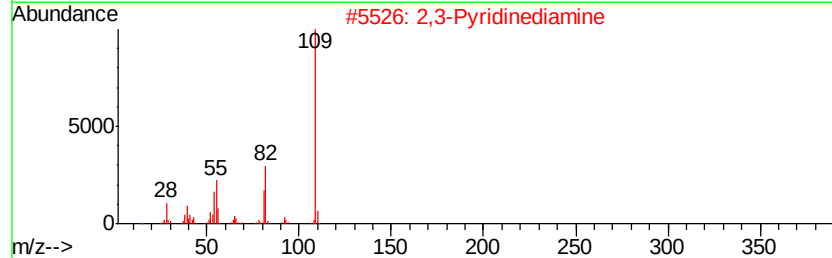
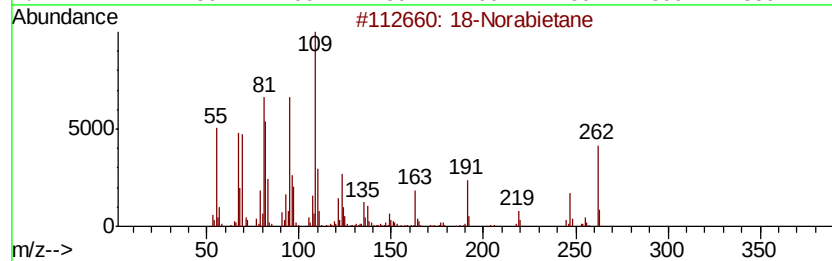
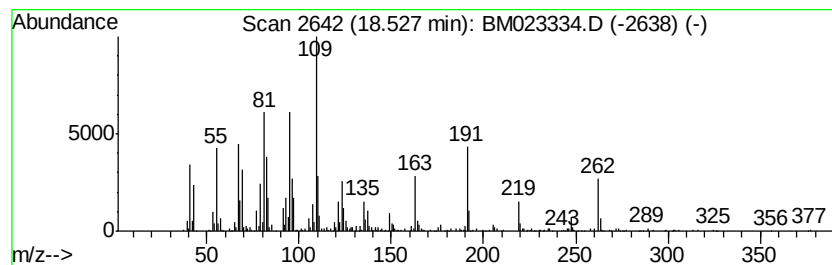
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Peak Number 3 18-Norabietane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.63 ng/ul	730891	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	93
2		2,3-Pyridinediamine	109	C5H7N3	000452-58-4	22
3		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	15
4		1-Methylheptyl cis-2,2-dimethyl-...	280	C18H32O2	1000223-35-3	14
5		Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023334.D
Acq On : 23 Oct 2019 00:19
Operator : JU
Sample : K5354-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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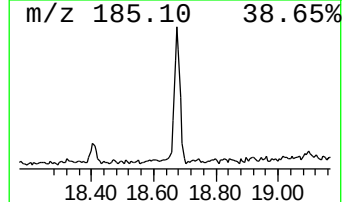
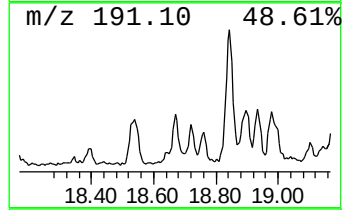
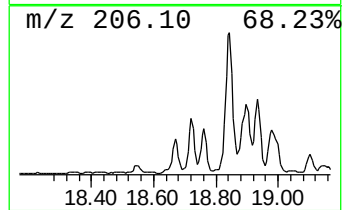
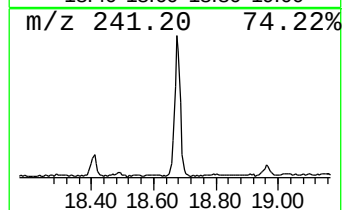
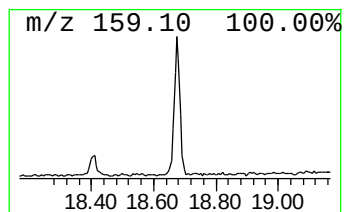
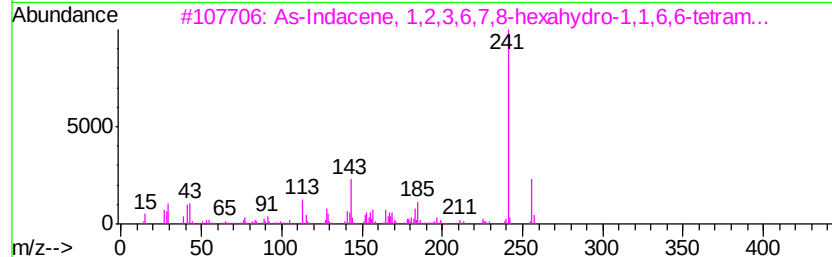
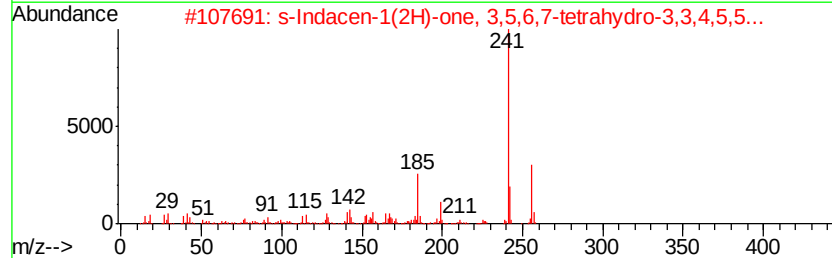
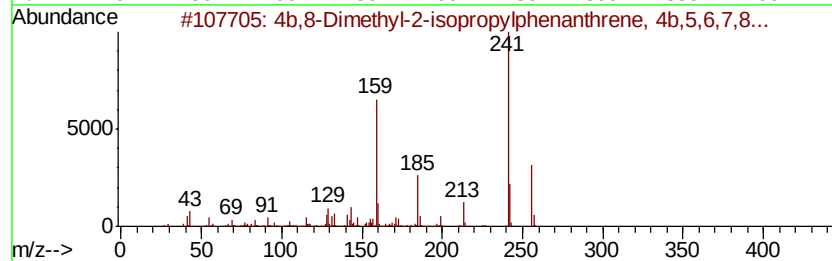
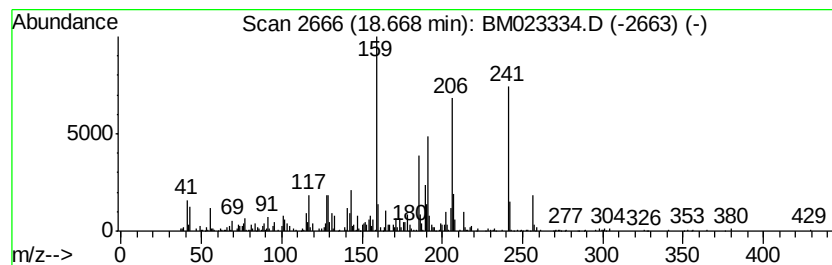
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.19 ng/ul	608133	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	99
2		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	25
3		As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	25
4		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	25
5		Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023334.D
Acq On : 23 Oct 2019 00:19
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Sample : K5354-06
Misc :
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Instrument :
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ClientSampleId :
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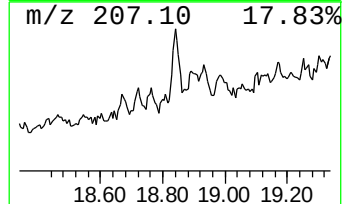
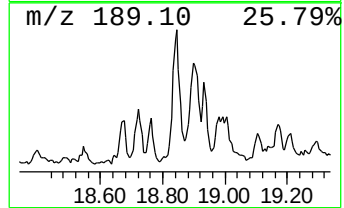
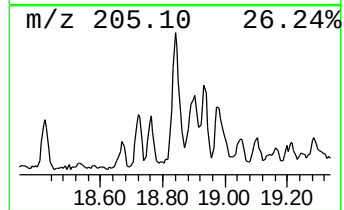
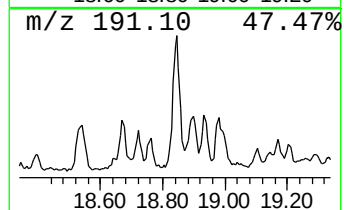
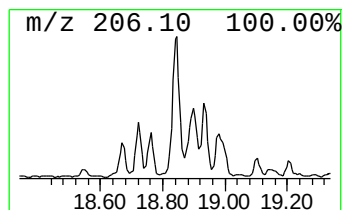
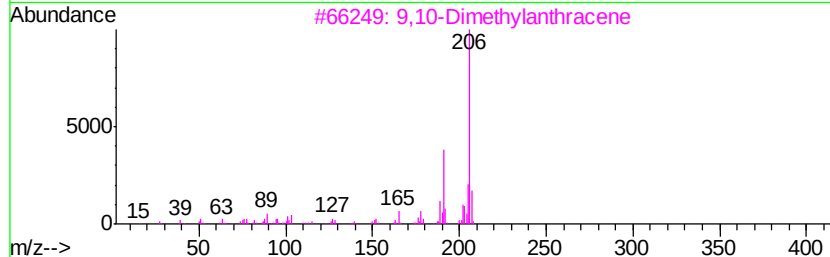
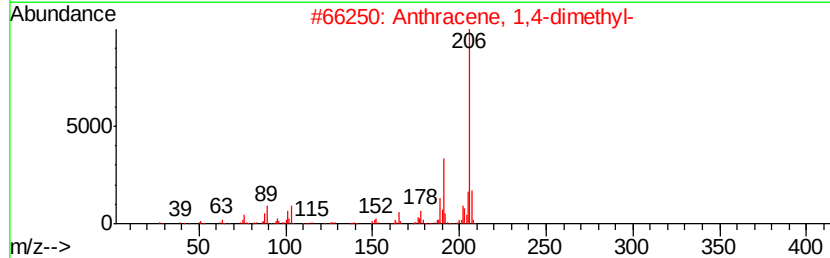
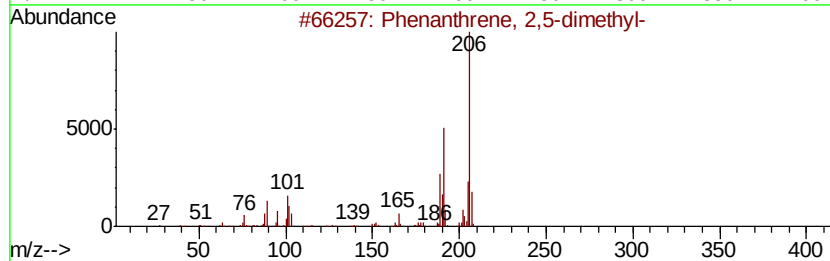
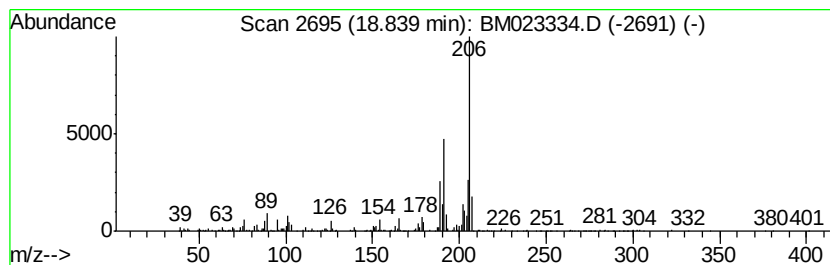
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.92 ng/ul	811611	Phenanthrene-d10	17.04

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023334.D
Acq On : 23 Oct 2019 00:19
Operator : JU
Sample : K5354-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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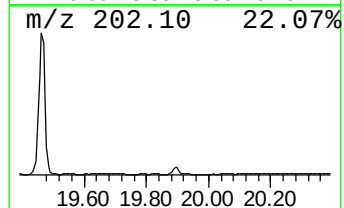
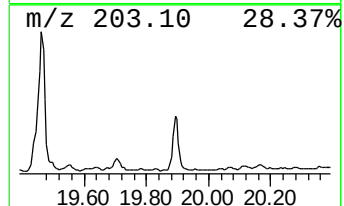
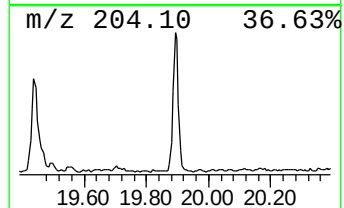
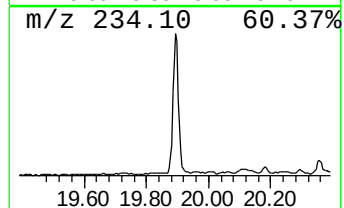
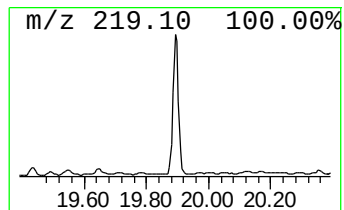
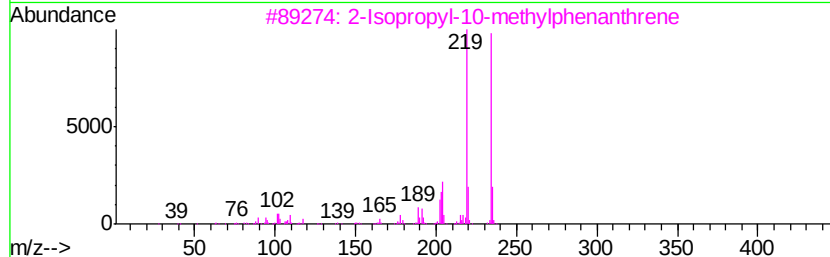
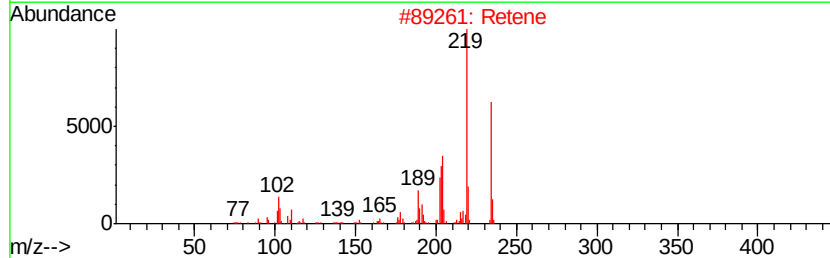
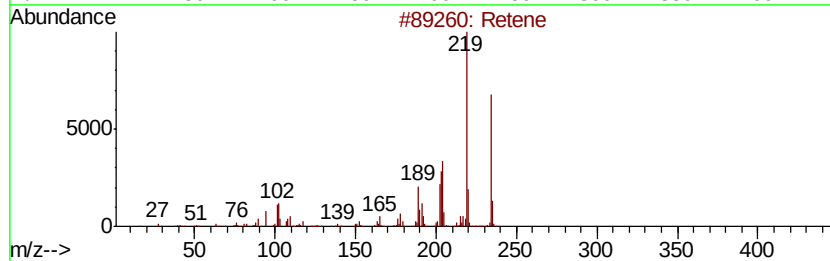
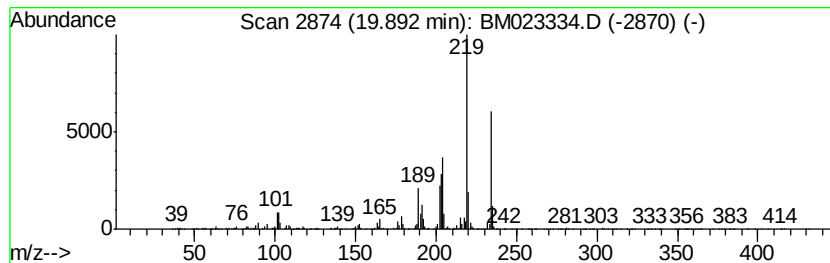
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.87 ng/ul	1943100	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	99
2		Retene	234	C18H18	000483-65-8	97
3		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
5		Retene	234	C18H18	000483-65-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
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Operator : JU
Sample : K5354-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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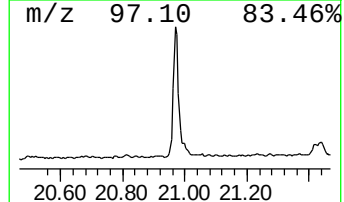
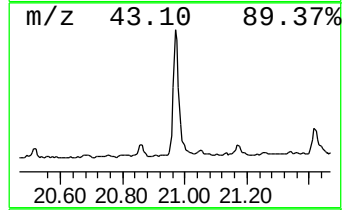
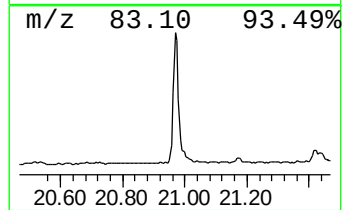
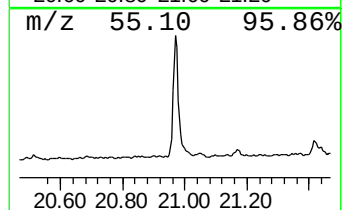
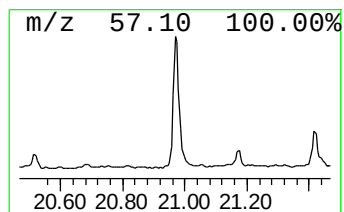
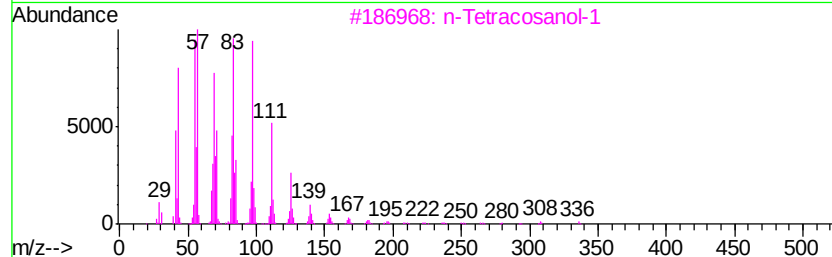
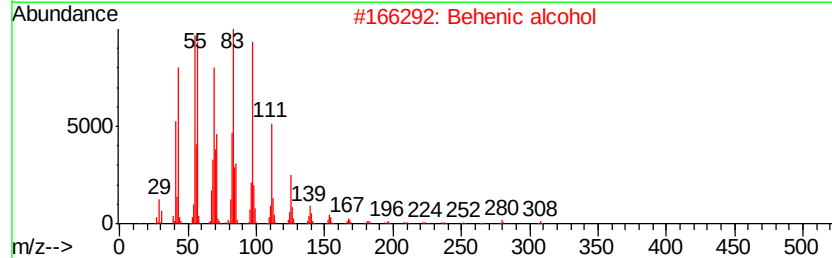
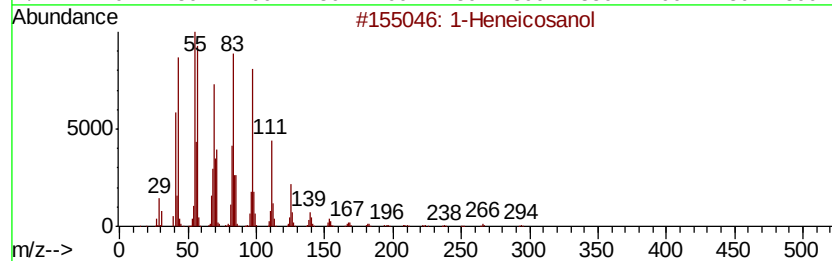
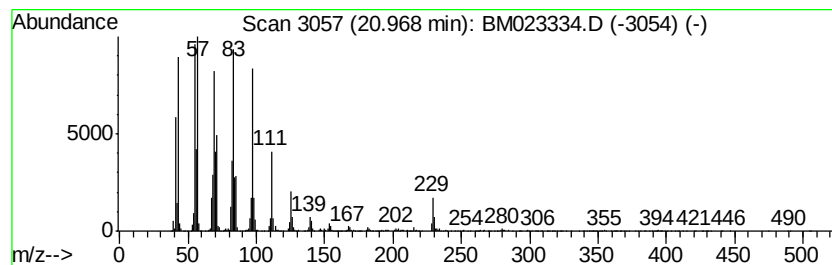
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	8.15 ng/ul	4096660	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023334.D
Acq On : 23 Oct 2019 00:19
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Sample : K5354-06
Misc :
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Instrument :
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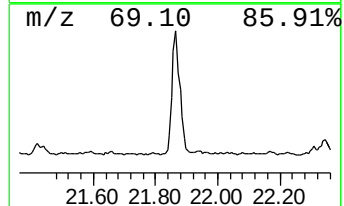
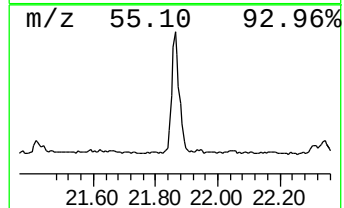
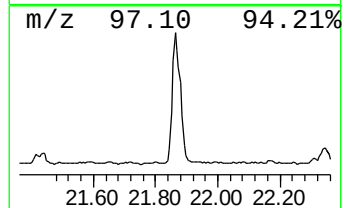
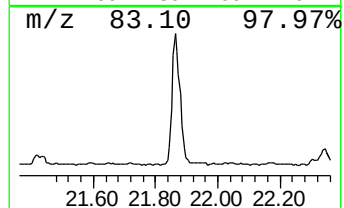
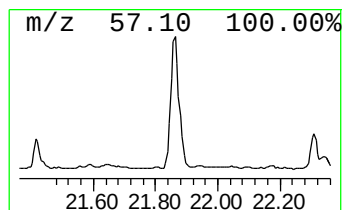
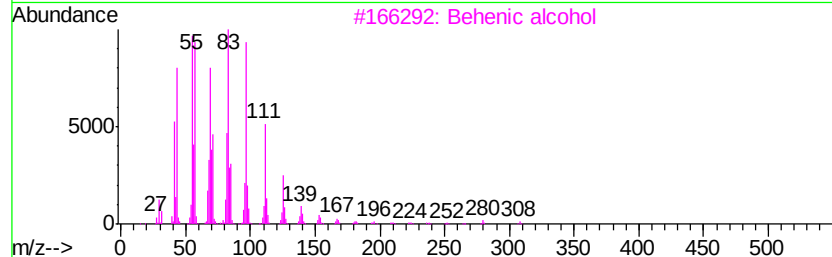
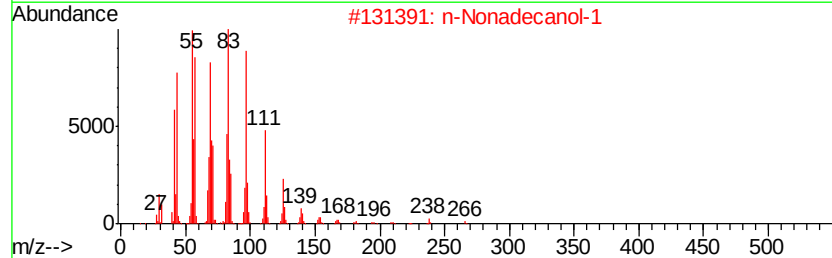
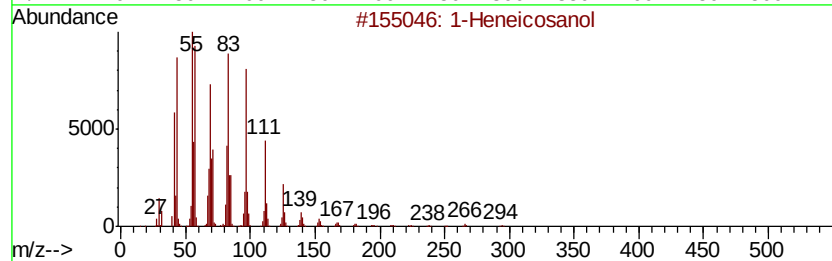
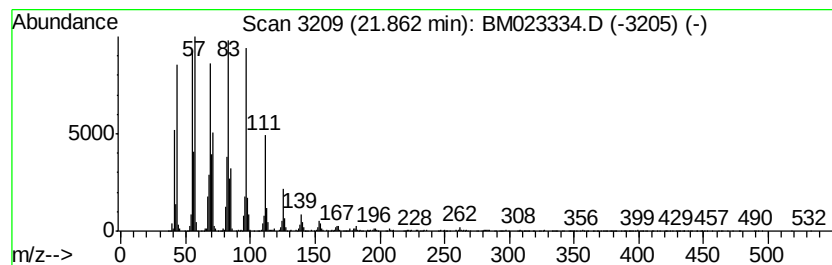
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	13.78 ng/ul	6924400	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1H-Cyclopropa[l]p...	17.96	3.8	ng/ul	1057420	4	17.04	5557910	20.0
Naphtho[2,3-b]nor...	18.10	3.7	ng/ul	1024330	4	17.04	5557910	20.0
18-Norabietane	18.53	2.6	ng/ul	730891	4	17.04	5557910	20.0
4b,8-Dimethyl-2-i...	18.67	2.2	ng/ul	608133	4	17.04	5557910	20.0
Phenanthrene, 2,5...	18.84	2.9	ng/ul	811611	4	17.04	5557910	20.0
Retene	19.89	3.9	ng/ul	1943100	5	21.23	10049800	20.0
1-Heneicosanol	20.97	8.2	ng/ul	4096660	5	21.23	10049800	20.0
n-Nonadecanol-1	21.86	13.8	ng/ul	6924400	5	21.23	10049800	20.0