

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024744.D
 Acq On : 07 Feb 2020 01:03
 Operator : CG/JU
 Sample : L1398-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6E4

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-BM020620MA.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	3.016	19	22	27	rVB	37611	44720	0.64%	0.051%
2	3.634	122	127	133	rVB2	25511	38757	0.55%	0.044%
3	3.710	136	140	146	rVB	67518	83360	1.19%	0.095%
4	3.934	174	178	184	rBV2	36510	48023	0.69%	0.054%
5	4.598	287	291	301	rVB	28348	42973	0.61%	0.049%
6	6.604	625	632	642	rBV	661332	1009508	14.45%	1.145%
7	6.763	651	659	671	rBV	527932	831382	11.90%	0.943%
8	6.951	684	691	701	rBV	748572	1173558	16.79%	1.331%
9	7.410	762	769	778	rBV	1087113	1697118	24.29%	1.925%
10	8.122	884	890	901	rBV	852643	1345646	19.26%	1.526%
11	8.545	955	962	973	rBV	651305	1050293	15.03%	1.191%
12	9.045	1041	1047	1052	rVB2	78480	119683	1.71%	0.136%
13	9.263	1076	1084	1091	rBV	581831	930393	13.31%	1.055%
14	9.798	1168	1175	1191	rBV	937226	1533477	21.95%	1.739%
15	10.163	1231	1237	1243	rBV	1466385	2434755	34.84%	2.762%
16	10.216	1243	1246	1253	rVB	107736	167170	2.39%	0.190%
17	10.310	1253	1262	1276	rBV	779560	1419136	20.31%	1.610%
18	11.845	1516	1523	1531	rBV	61310	103785	1.49%	0.118%
19	12.069	1551	1561	1568	rBV2	44431	73579	1.05%	0.083%
20	13.221	1752	1757	1758	rBV2	24891	32061	0.46%	0.036%
21	13.380	1775	1784	1789	rBV2	46738	80105	1.15%	0.091%
22	13.433	1789	1793	1796	rVV	29402	39392	0.56%	0.045%
23	13.486	1796	1802	1807	rVV	1801560	2403444	34.40%	2.726%
24	13.533	1807	1810	1814	rVB	38658	52272	0.75%	0.059%
25	13.621	1819	1825	1829	rVV3	24515	44535	0.64%	0.051%
26	13.745	1838	1846	1860	rBV	1983699	3006156	43.02%	3.410%
27	14.063	1894	1900	1906	rVV	2491299	3556300	50.89%	4.034%
28	14.127	1906	1911	1916	rVB	151867	220814	3.16%	0.250%
29	14.286	1932	1938	1951	rBV	521643	944527	13.52%	1.071%
30	14.468	1963	1969	1974	rBV	127933	206573	2.96%	0.234%
31	14.557	1979	1984	1990	rVV3	25277	44268	0.63%	0.050%
32	14.698	2004	2008	2013	rVV4	20080	33047	0.47%	0.037%
33	14.751	2013	2017	2023	rVB3	23265	33441	0.48%	0.038%
34	14.868	2031	2037	2041	rBV4	20495	37036	0.53%	0.042%

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35	15.063	2064	2070	2076	rBV	2608647	3729920	53.38%	4.231%
36	15.121	2076	2080	2086	rVB	240272	328079	4.70%	0.372%
37	15.192	2086	2092	2099	rBV	733163	1078168	15.43%	1.223%
38	15.421	2127	2131	2136	rBV	61556	80502	1.15%	0.091%
39	15.568	2147	2156	2164	rBV	63666	136399	1.95%	0.155%
40	15.657	2166	2171	2179	rVB8	24648	50333	0.72%	0.057%
41	15.804	2190	2196	2199	rBV7	20836	40665	0.58%	0.046%
42	16.133	2242	2252	2256	rBV4	44591	102193	1.46%	0.116%
43	16.180	2256	2260	2265	rVV5	28909	44448	0.64%	0.050%
44	16.280	2274	2277	2283	rVB4	25298	43004	0.62%	0.049%
45	16.362	2288	2291	2294	rVV2	28741	42995	0.62%	0.049%
46	16.404	2294	2298	2301	rVV4	37853	56714	0.81%	0.064%
47	16.474	2305	2310	2321	rVB2	68387	122238	1.75%	0.139%
48	16.574	2321	2327	2330	rBV3	41293	92616	1.33%	0.105%
49	16.633	2333	2337	2343	rVV	129479	188139	2.69%	0.213%
50	16.815	2361	2368	2372	rBV	3180485	4368835	62.52%	4.956%
51	16.857	2372	2375	2380	rVV	2147058	2784340	39.85%	3.158%
52	16.915	2380	2385	2389	rVV	2929623	4167964	59.65%	4.728%
53	16.945	2389	2390	2396	rVV	482150	516476	7.39%	0.586%
54	17.021	2399	2403	2407	rVV7	24408	41687	0.60%	0.047%
55	17.221	2433	2437	2444	rBV	138464	262306	3.75%	0.298%
56	17.345	2455	2458	2461	rBV	32295	42109	0.60%	0.048%
57	17.404	2465	2468	2473	rVB3	37158	52998	0.76%	0.060%
58	17.545	2488	2492	2496	rVB3	31932	46401	0.66%	0.053%
59	17.692	2513	2517	2521	rBV	219800	309460	4.43%	0.351%
60	17.745	2521	2526	2533	rVB	318326	475946	6.81%	0.540%
61	17.821	2535	2539	2544	rVV	119491	158401	2.27%	0.180%
62	17.886	2544	2550	2554	rVV2	375566	622999	8.92%	0.707%
63	17.927	2554	2557	2562	rVB	150453	197913	2.83%	0.225%
64	18.203	2599	2604	2608	rBV	203323	283451	4.06%	0.322%
65	18.456	2644	2647	2651	rVB3	54309	62152	0.89%	0.071%
66	18.509	2652	2656	2659	rVV2	50809	72040	1.03%	0.082%
67	18.545	2659	2662	2666	rVB2	55306	71159	1.02%	0.081%
68	18.627	2672	2676	2681	rBV2	124913	198259	2.84%	0.225%
69	18.692	2682	2687	2690	rBV4	55190	120534	1.72%	0.137%
70	18.762	2695	2699	2707	rBV4	94248	188239	2.69%	0.214%
71	18.886	2715	2720	2728	rVB	2852720	3637920	52.06%	4.127%

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72	19.221	2771	2777	2780	rBV	4055587	5913207	84.62%	6.708%
73	19.250	2780	2782	2787	rVB	2253618	2416204	34.58%	2.741%
74	19.327	2792	2795	2803	rVB2	102889	178655	2.56%	0.203%
75	19.439	2810	2814	2818	rBV	139448	180109	2.58%	0.204%
76	19.592	2833	2840	2845	rBV3	172328	414930	5.94%	0.471%
77	19.727	2858	2863	2864	rBV2	134038	192598	2.76%	0.218%
78	19.756	2865	2868	2873	rVB	368344	472528	6.76%	0.536%
79	19.856	2879	2885	2889	rBV	254144	373297	5.34%	0.423%
80	19.915	2890	2895	2899	rBV2	236518	361965	5.18%	0.411%
81	20.050	2916	2918	2922	rVB	109296	121111	1.73%	0.137%
82	20.097	2923	2926	2932	rBV2	113595	177692	2.54%	0.202%
83	20.509	2993	2996	3003	rVB	138621	196723	2.82%	0.223%
84	20.709	3027	3030	3033	rBV	177734	203261	2.91%	0.231%
85	20.744	3034	3036	3039	rVV	145399	145299	2.08%	0.165%
86	20.786	3039	3043	3053	rVB3	552422	984821	14.09%	1.117%
87	21.027	3077	3084	3088	rBV2	4200016	6987598	100.00%	7.926%
88	21.062	3088	3090	3098	rVB	1213601	1329890	19.03%	1.509%
89	21.233	3116	3119	3125	rBV5	195243	282057	4.04%	0.320%
90	21.656	3187	3191	3197	rBV4	397281	623856	8.93%	0.708%
91	22.086	3262	3264	3269	rVB	345794	392666	5.62%	0.445%
92	22.515	3332	3337	3341	rBV	954958	1964277	28.11%	2.228%
93	22.556	3342	3344	3349	rVB2	798249	1091116	15.62%	1.238%
94	22.950	3408	3411	3414	rBV	414931	583146	8.35%	0.661%
95	23.003	3414	3420	3424	rVV	2689127	4541048	64.99%	5.151%
96	23.038	3424	3426	3431	rVB	717884	892106	12.77%	1.012%
97	23.091	3431	3435	3437	rBV	435401	604060	8.64%	0.685%
98	23.133	3437	3442	3448	rVB	2674078	4273529	61.16%	4.848%
99	23.686	3532	3536	3543	rVB	536783	928061	13.28%	1.053%
100	25.174	3785	3789	3800	rVB3	607828	1631667	23.35%	1.851%

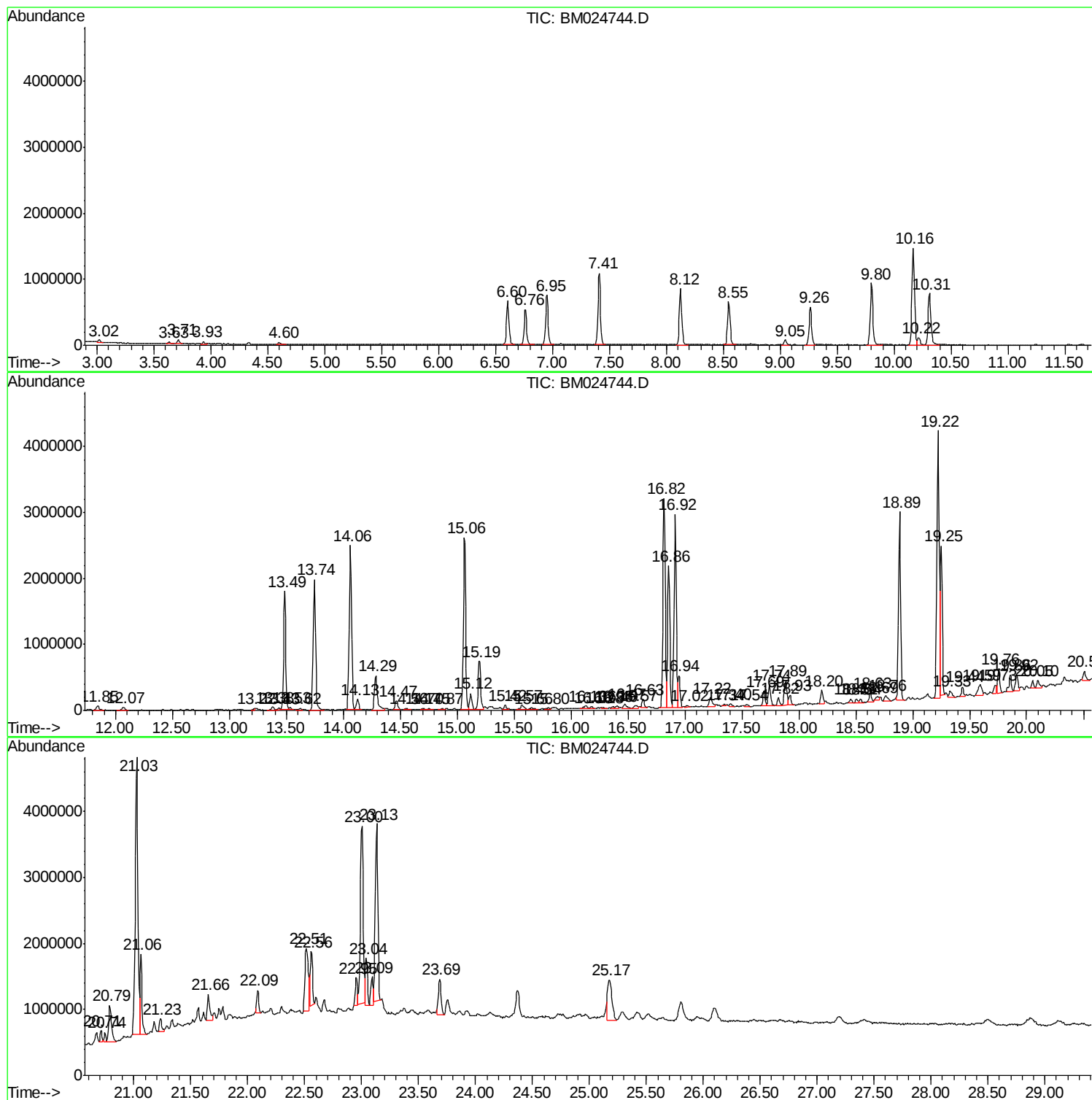
Sum of corrected areas: 88156766

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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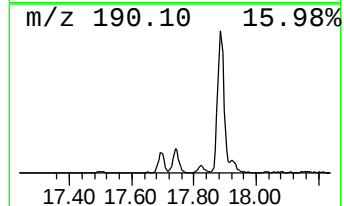
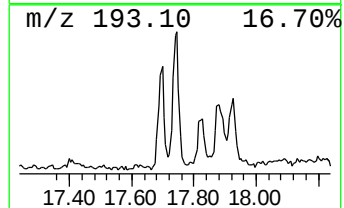
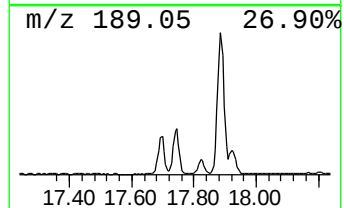
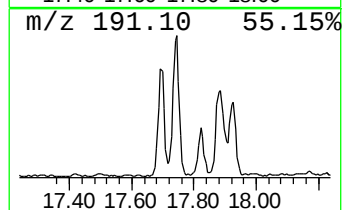
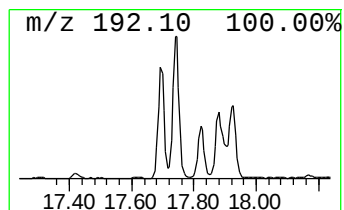
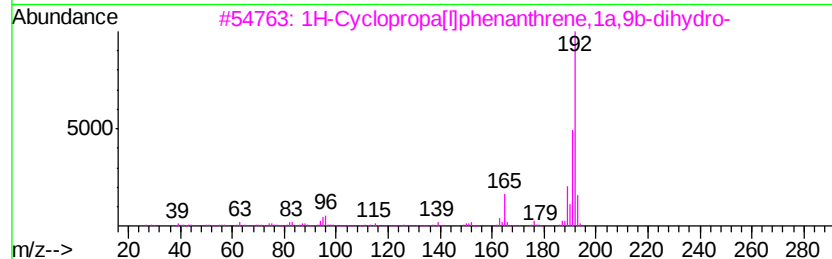
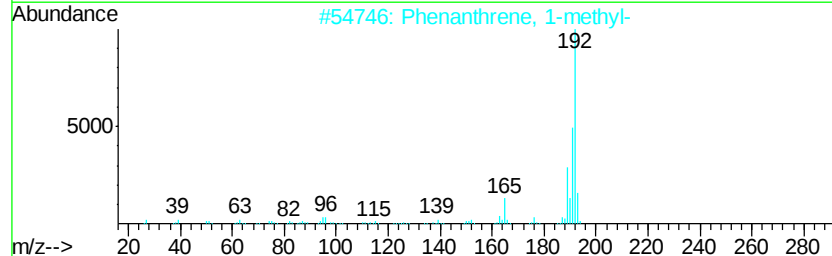
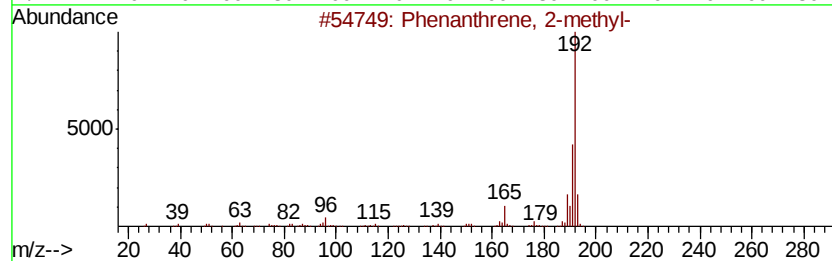
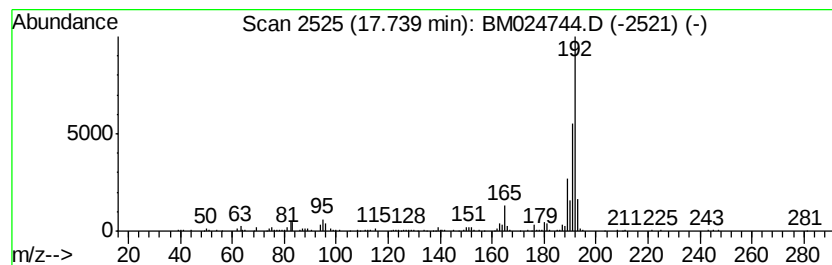
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.74	2.18 ng/ul	475946	Phenanthrene-d10	16.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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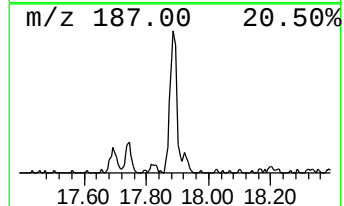
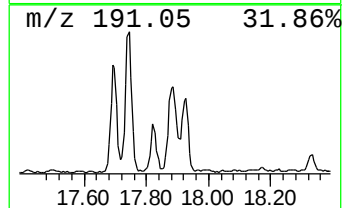
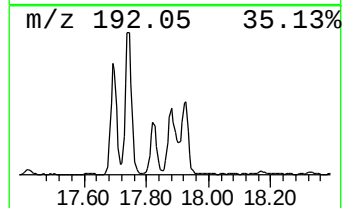
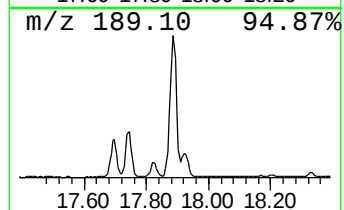
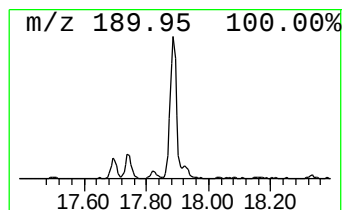
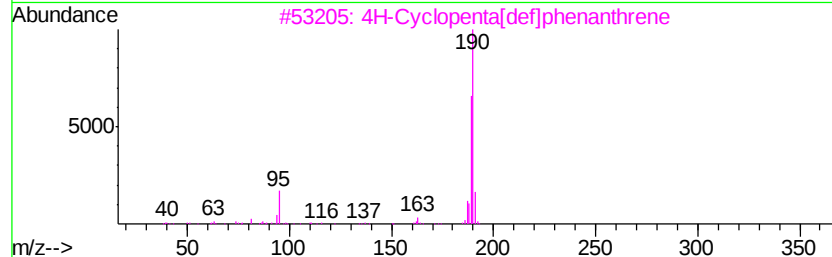
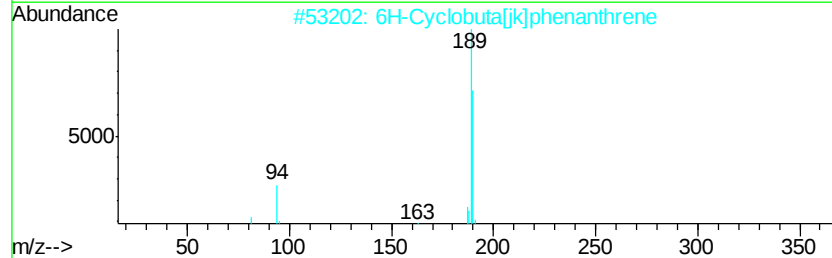
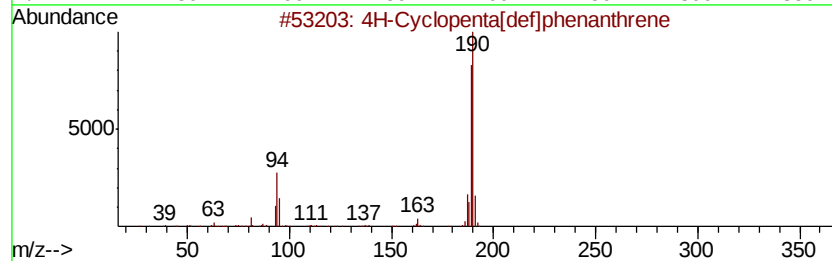
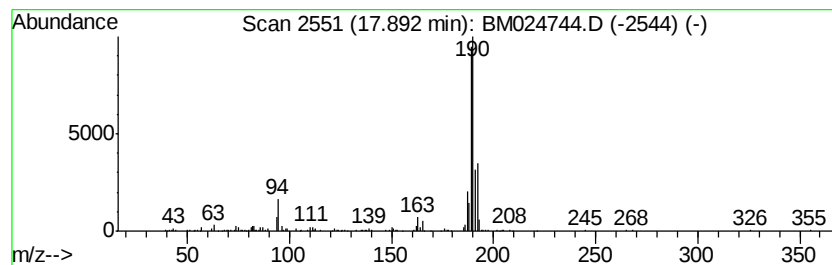
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	2.85 ng/ul	622999	Phenanthrene-d10		16.82	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81	
2	6H-Cyclobuta[i]kphenanthrene	190	C15H10	083469-43-6	72	
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64	
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58	
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	52	



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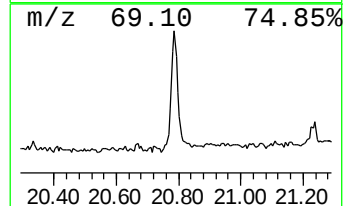
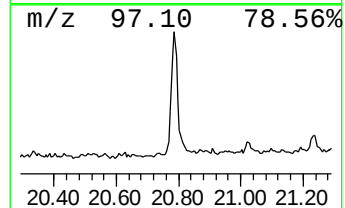
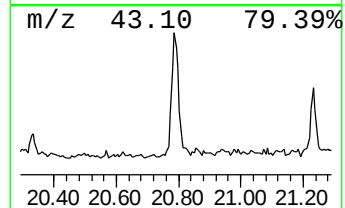
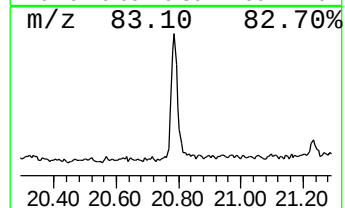
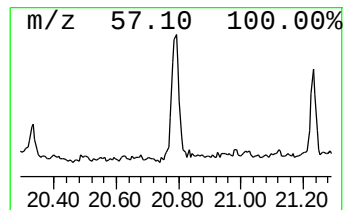
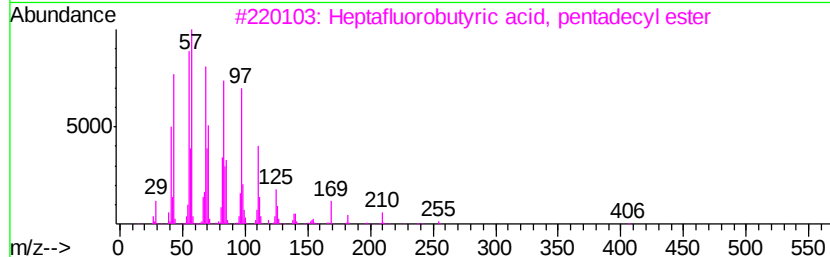
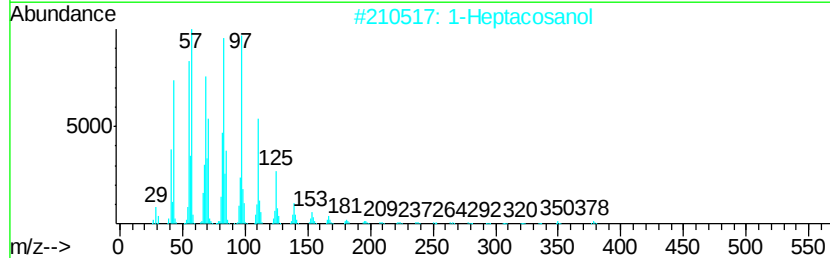
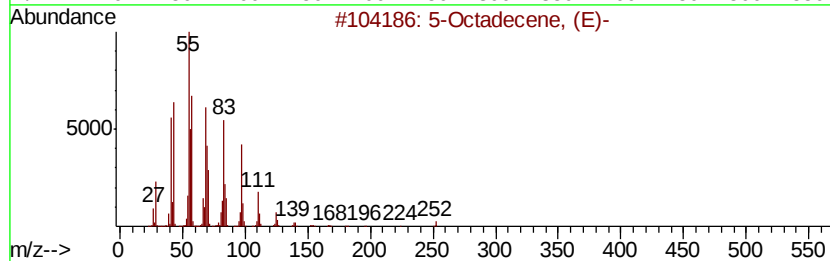
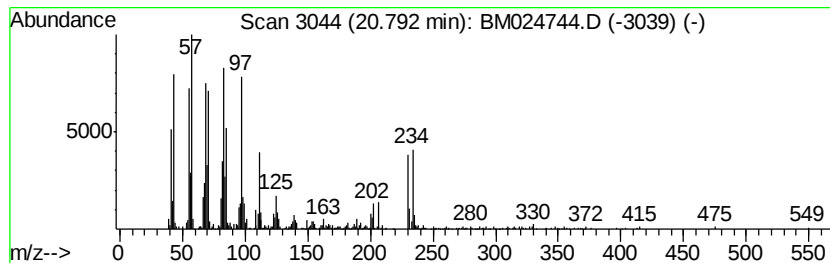
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	2.82 ng/ul	984821	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-		252	C18H36	007206-21-5	93
2	1-Heptacosanol		396	C27H56O	002004-39-9	93
3	Heptafluorobutyric acid, pentade...		424	C19H31F7O2	959261-23-5	90
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	90
5	n-Tetracosanol-1		354	C24H50O	000506-51-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024744.D
Acq On : 07 Feb 2020 01:03
Operator : CG/JU
Sample : L1398-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6E4

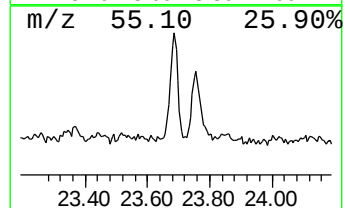
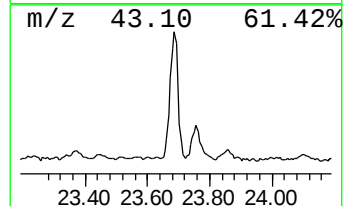
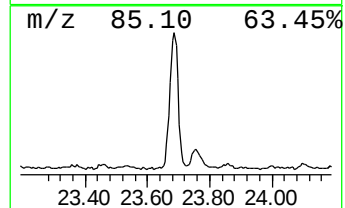
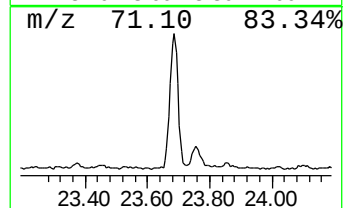
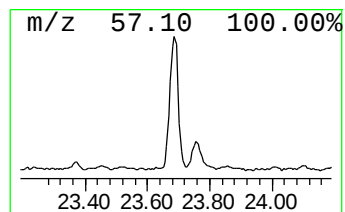
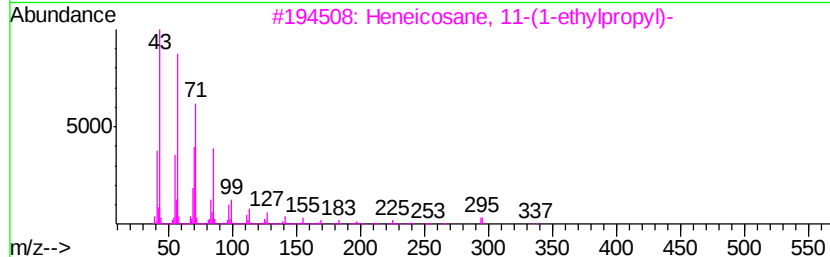
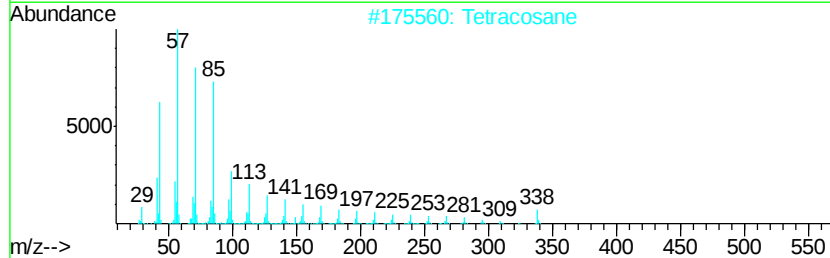
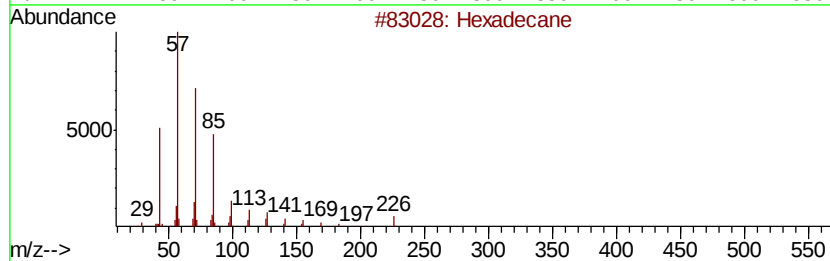
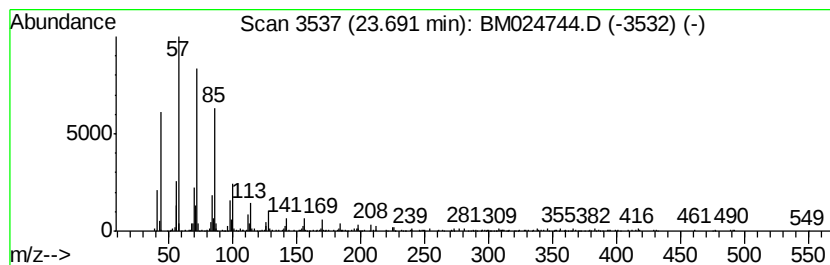
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	4.34 ng/ul	928061	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024744.D
Acq On : 07 Feb 2020 01:03
Operator : CG/JU
Sample : L1398-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6E4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
Phenanthrene, 2-m...	17.74	2.2	ng/ul	475946	4	16.82	4368840	20.0
4H-Cyclopenta[def...	17.89	2.9	ng/ul	622999	4	16.82	4368840	20.0
(DEL) Alkane: Str...	20.79	2.8	ng/ul	984821	5	21.03	6987600	20.0
(DEL) Alkane: Str...	23.69	4.3	ng/ul	928061	6	23.13	4273530	20.0