

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024846.D
 Acq On : 11 Feb 2020 22:16
 Operator : CG/JU
 Sample : L1405-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P8

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	3.010	19	21	30	rVB	46946	68121	1.13%	0.083%
2	3.628	120	126	134	rVB2	18944	36005	0.60%	0.044%
3	3.704	134	139	143	rBV	48203	66516	1.10%	0.081%
4	3.928	173	177	183	rBV	32601	43713	0.73%	0.053%
5	4.587	285	289	299	rBV	49598	73859	1.23%	0.090%
6	6.598	619	631	641	rBV	714848	1156258	19.20%	1.410%
7	6.751	651	657	670	rVB	620058	939130	15.59%	1.145%
8	6.940	682	689	697	rBV	844440	1299440	21.57%	1.585%
9	7.398	760	767	776	rBV	1182662	1755699	29.15%	2.141%
10	8.110	882	888	899	rVV	922456	1485410	24.66%	1.811%
11	8.539	953	961	974	rBV	717620	1182915	19.64%	1.442%
12	8.728	988	993	999	rVB7	21186	33375	0.55%	0.041%
13	9.028	1039	1044	1050	rBV	33612	48637	0.81%	0.059%
14	9.251	1076	1082	1094	rBV	631555	1035835	17.20%	1.263%
15	9.786	1167	1173	1189	rBV	993227	1692952	28.11%	2.064%
16	10.157	1228	1236	1242	rBV	1463518	2445329	40.60%	2.982%
17	10.204	1242	1244	1249	rVB	40864	51631	0.86%	0.063%
18	10.298	1252	1260	1278	rBV	878868	1551395	25.76%	1.892%
19	11.833	1516	1521	1532	rBV2	25371	46438	0.77%	0.057%
20	12.063	1554	1560	1564	rBV2	23237	39749	0.66%	0.048%
21	12.980	1710	1716	1722	rBV2	40912	63867	1.06%	0.078%
22	13.374	1773	1783	1788	rBV	29857	55247	0.92%	0.067%
23	13.474	1795	1800	1806	rVV	1801172	2524599	41.92%	3.079%
24	13.521	1806	1808	1813	rVV	29877	40900	0.68%	0.050%
25	13.739	1838	1845	1856	rVB	2066878	3136356	52.07%	3.825%
26	14.051	1892	1898	1905	rVV	2340947	3378708	56.10%	4.120%
27	14.116	1905	1909	1915	rVB	114769	151862	2.52%	0.185%
28	14.274	1930	1936	1949	rBV	507510	904412	15.02%	1.103%
29	14.457	1962	1967	1978	rVV	70976	134415	2.23%	0.164%
30	15.057	2062	2069	2074	rBV	2736267	3780068	62.76%	4.610%
31	15.110	2074	2078	2085	rVB	138680	200685	3.33%	0.245%
32	15.186	2085	2091	2097	rBV	672203	955141	15.86%	1.165%
33	15.415	2125	2130	2140	rVB2	43988	69724	1.16%	0.085%
34	15.557	2150	2154	2162	rBV	37786	74039	1.23%	0.090%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024846.D
 Acq On : 11 Feb 2020 22:16
 Operator : CG/JU
 Sample : L1405-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P8

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

35	16.121	2240	2250	2254	rBV6	29609	73355	1.22%	0.089%
36	16.174	2256	2259	2265	rVB4	24998	34987	0.58%	0.043%
37	16.357	2286	2290	2292	rVV2	28724	38335	0.64%	0.047%
38	16.392	2293	2296	2300	rVV3	31548	54844	0.91%	0.067%
39	16.462	2305	2308	2317	rVB3	51132	102095	1.70%	0.124%
40	16.557	2317	2324	2329	rBV5	32987	83719	1.39%	0.102%
41	16.627	2332	2336	2341	rVV	86999	129134	2.14%	0.157%
42	16.804	2357	2366	2370	rBV	2689516	3852798	63.97%	4.698%
43	16.851	2370	2374	2378	rVV	1607379	2189749	36.36%	2.670%
44	16.904	2378	2383	2388	rVV2	2787194	3978989	66.06%	4.852%
45	16.939	2388	2389	2397	rVV	338581	305715	5.08%	0.373%
46	17.009	2397	2401	2407	rVV7	22850	39676	0.66%	0.048%
47	17.215	2431	2436	2442	rBV	90681	151008	2.51%	0.184%
48	17.333	2453	2456	2463	rBV2	24782	39855	0.66%	0.049%
49	17.392	2463	2466	2481	rVB9	30840	58700	0.97%	0.072%
50	17.686	2511	2516	2520	rBV	202057	272469	4.52%	0.332%
51	17.733	2520	2524	2532	rVB	294147	407941	6.77%	0.497%
52	17.815	2532	2538	2542	rBV	87733	133394	2.21%	0.163%
53	17.874	2542	2548	2552	rVV2	282816	470147	7.81%	0.573%
54	17.915	2552	2555	2564	rVB	149280	203941	3.39%	0.249%
55	18.039	2573	2576	2582	rVB7	23365	42977	0.71%	0.052%
56	18.198	2598	2603	2606	rBV	146088	206964	3.44%	0.252%
57	18.227	2606	2608	2615	rVB4	26841	43638	0.72%	0.053%
58	18.445	2641	2645	2650	rVV4	53978	86870	1.44%	0.106%
59	18.498	2650	2654	2657	rVV2	57328	78731	1.31%	0.096%
60	18.533	2657	2660	2665	rVB2	50995	65659	1.09%	0.080%
61	18.621	2670	2675	2680	rBV	205580	316216	5.25%	0.386%
62	18.680	2680	2685	2688	rBV2	60936	113657	1.89%	0.139%
63	18.751	2693	2697	2707	rVB3	90166	177621	2.95%	0.217%
64	18.874	2710	2718	2727	rBV	2346249	3228455	53.60%	3.937%
65	18.956	2727	2732	2735	rBV3	53224	78215	1.30%	0.095%
66	19.033	2741	2745	2749	rVB	27870	39781	0.66%	0.049%
67	19.121	2749	2760	2766	rBV4	74416	207866	3.45%	0.253%
68	19.209	2770	2775	2778	rBV	3726089	5247756	87.13%	6.399%
69	19.239	2778	2780	2785	rVB	2057019	2359773	39.18%	2.878%
70	19.321	2790	2794	2802	rVB2	92403	175401	2.91%	0.214%
71	19.427	2807	2812	2818	rBV	140733	206412	3.43%	0.252%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024846.D
 Acq On : 11 Feb 2020 22:16
 Operator : CG/JU
 Sample : L1405-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P8

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

72	19.586	2831	2839	2846	rBV2	153961	385090	6.39%	0.470%
73	19.674	2850	2854	2856	rBV4	33222	43949	0.73%	0.054%
74	19.715	2856	2861	2863	rVV3	124396	207038	3.44%	0.252%
75	19.745	2863	2866	2871	rVB	276472	381160	6.33%	0.465%
76	19.821	2876	2879	2881	rBV3	53267	65529	1.09%	0.080%
77	19.850	2881	2884	2888	rVB	164779	185853	3.09%	0.227%
78	19.903	2888	2893	2897	rBV2	242440	367239	6.10%	0.448%
79	20.045	2913	2917	2921	rBV	123732	143069	2.38%	0.174%
80	20.086	2921	2924	2930	rBV2	126216	198387	3.29%	0.242%
81	20.321	2962	2964	2968	rBV4	56554	61555	1.02%	0.075%
82	20.497	2991	2994	3001	rVB	137761	202979	3.37%	0.248%
83	20.662	3019	3022	3026	rVB	127979	160220	2.66%	0.195%
84	20.703	3026	3029	3032	rBV	182265	192181	3.19%	0.234%
85	20.733	3032	3034	3038	rVV	118908	137409	2.28%	0.168%
86	20.786	3038	3043	3052	rVB4	294801	610116	10.13%	0.744%
87	21.015	3075	3082	3086	rBV2	3739307	6023112	100.00%	7.345%
88	21.050	3086	3088	3096	rVB	1066418	1358576	22.56%	1.657%
89	21.221	3114	3117	3122	rBV3	168480	235351	3.91%	0.287%
90	21.556	3171	3174	3178	rVB	226274	272966	4.53%	0.333%
91	21.644	3186	3189	3192	rBV	268315	312557	5.19%	0.381%
92	22.074	3260	3262	3268	rVB	299908	338744	5.62%	0.413%
93	22.503	3330	3335	3339	rBV	963265	1929782	32.04%	2.353%
94	22.544	3339	3342	3346	rVB2	738465	1122133	18.63%	1.368%
95	22.939	3405	3409	3412	rBV	502048	789191	13.10%	0.962%
96	22.986	3412	3417	3422	rVV	2544804	4483815	74.44%	5.468%
97	23.027	3422	3424	3429	rVV	694399	857953	14.24%	1.046%
98	23.074	3429	3432	3434	rVV	317800	396794	6.59%	0.484%
99	23.115	3434	3439	3445	rVB	2263329	3804029	63.16%	4.639%
100	23.668	3529	3533	3539	rVB	566031	918622	15.25%	1.120%

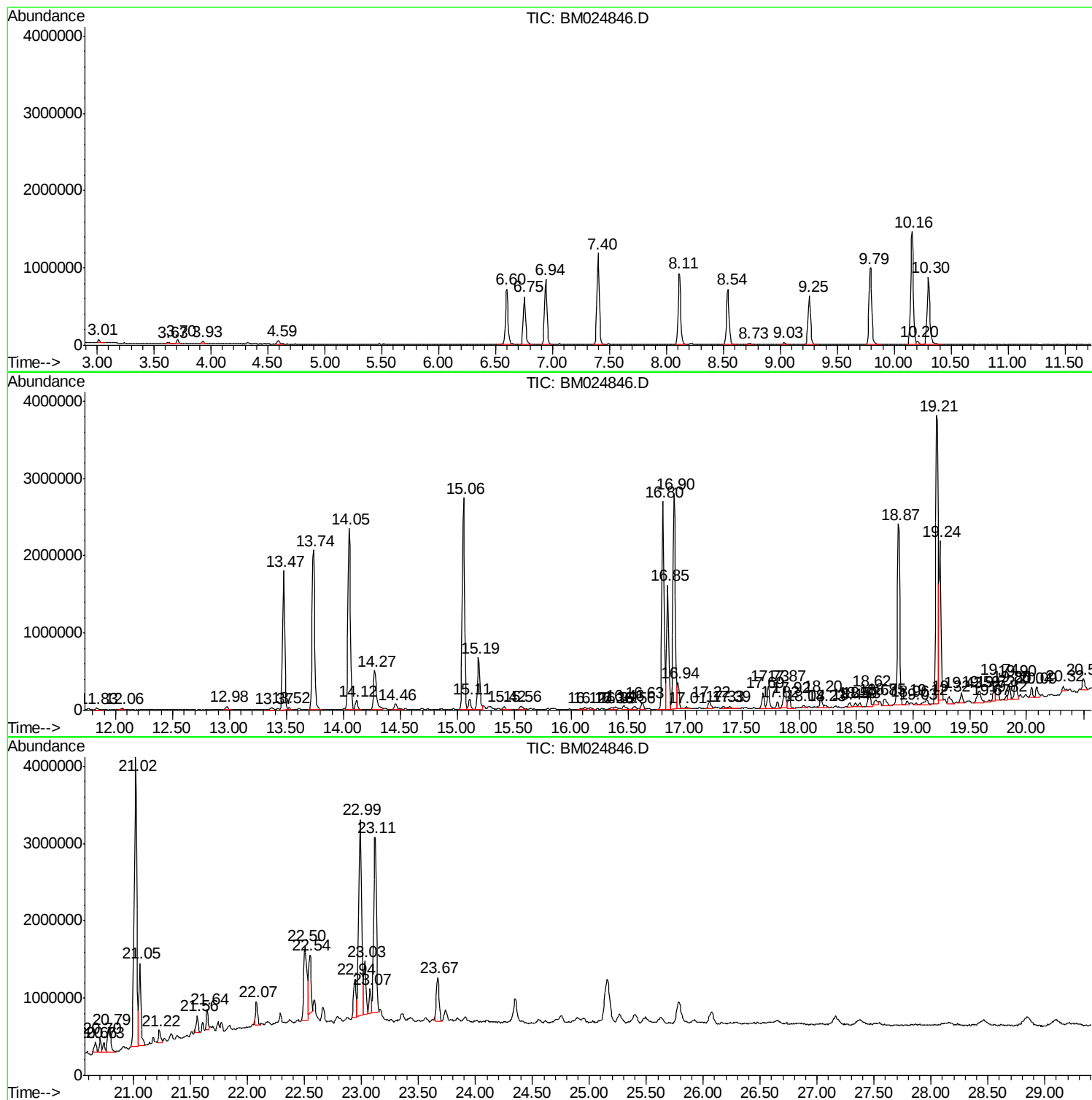
Sum of corrected areas: 82004672

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024846.D
Acq On : 11 Feb 2020 22:16
Operator : CG/JU
Sample : L1405-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024846.D
Acq On : 11 Feb 2020 22:16
Operator : CG/JU
Sample : L1405-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

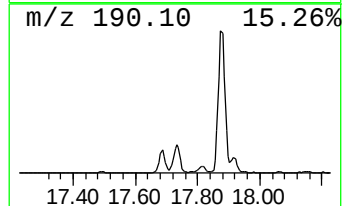
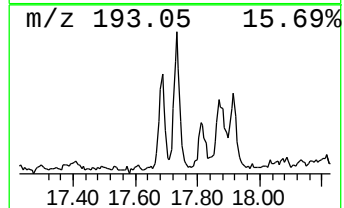
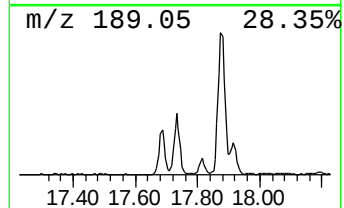
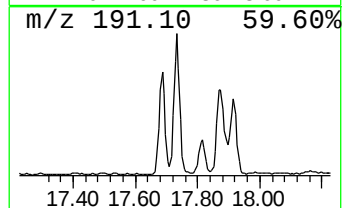
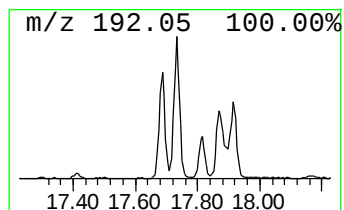
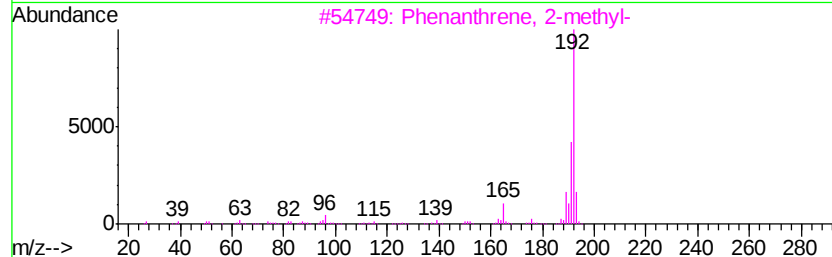
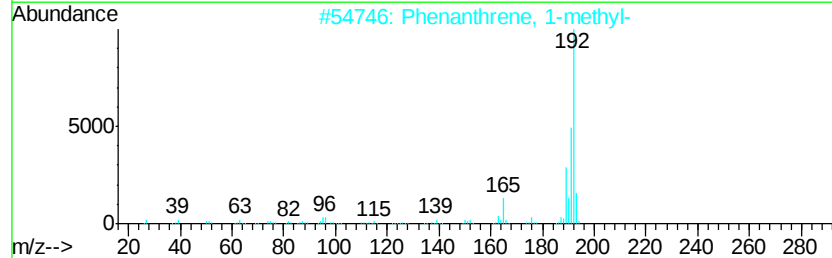
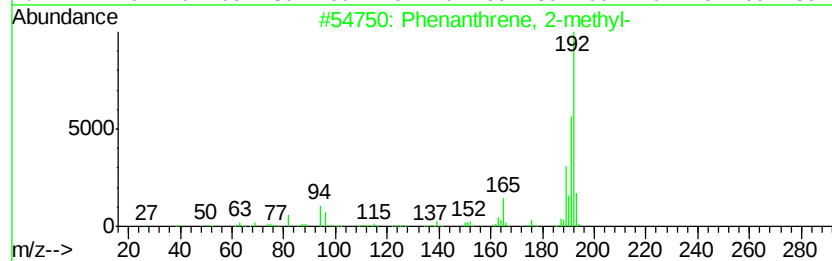
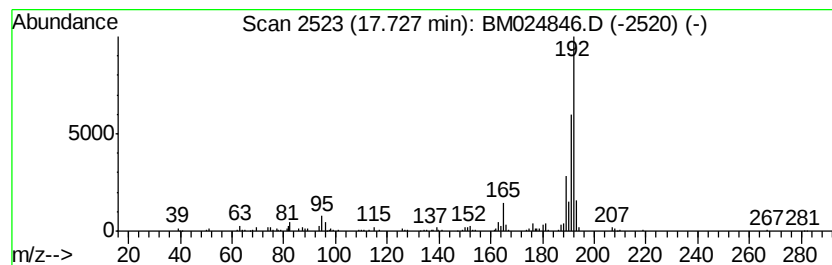
Instrument :
BNA_M
ClientSampleId :
CB6P8

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.73	2.12 ng/ul	407941	Phenanthrene-d10	16.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024846.D
Acq On : 11 Feb 2020 22:16
Operator : CG/JU
Sample : L1405-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P8

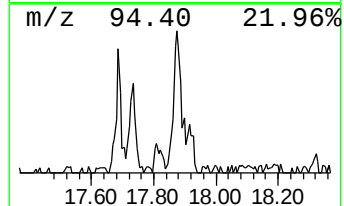
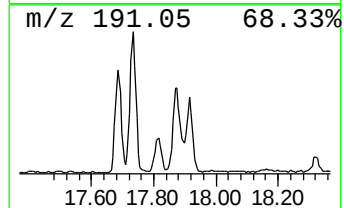
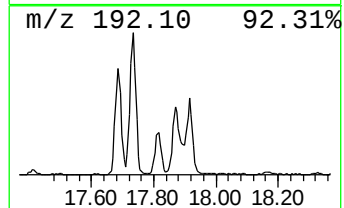
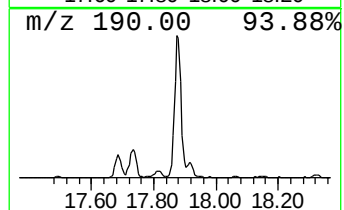
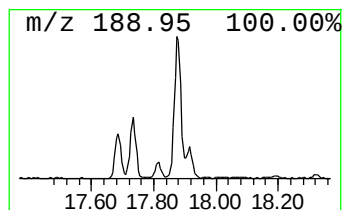
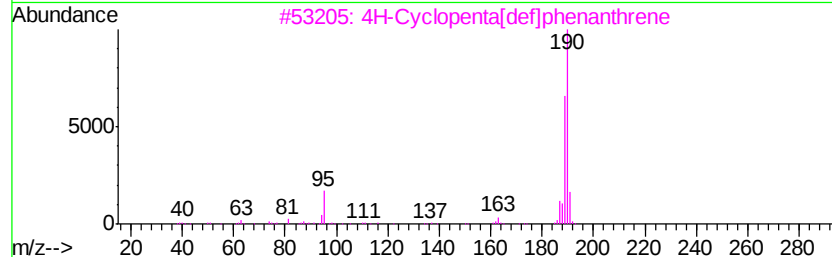
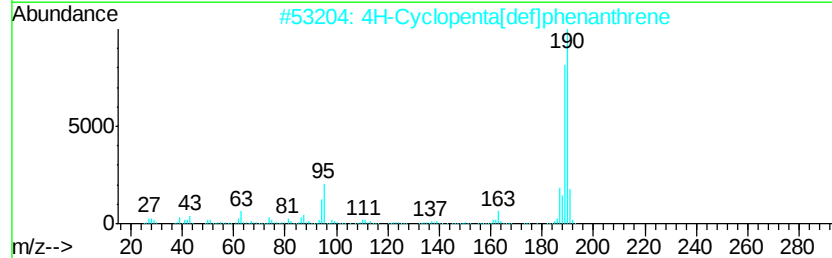
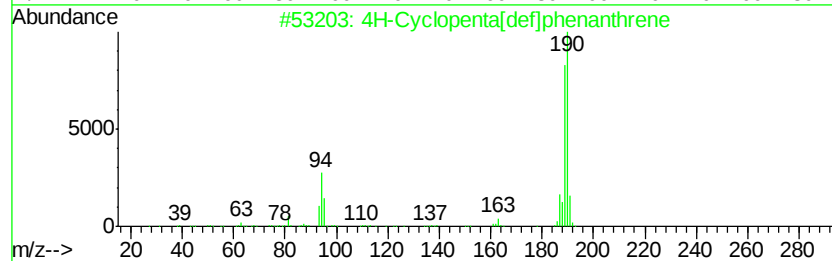
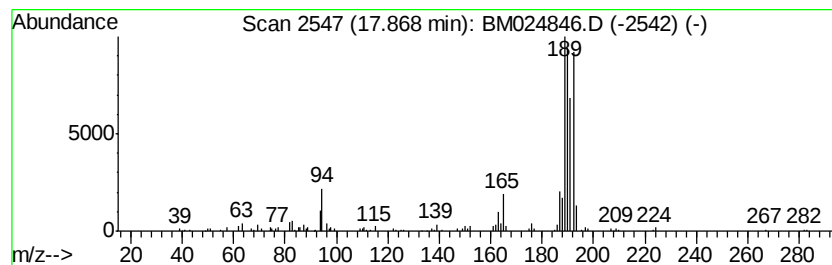
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.44 ng/ul	470147	Phenanthrene-d10	16.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024846.D
Acq On : 11 Feb 2020 22:16
Operator : CG/JU
Sample : L1405-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

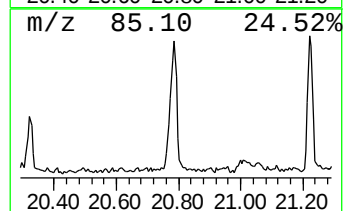
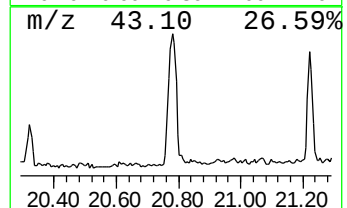
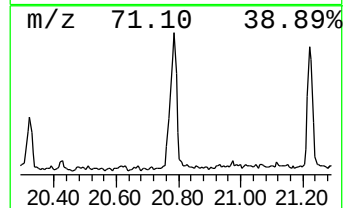
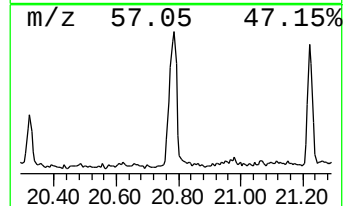
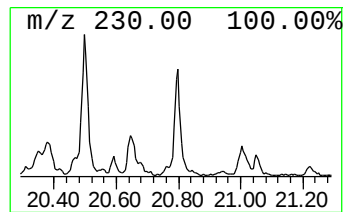
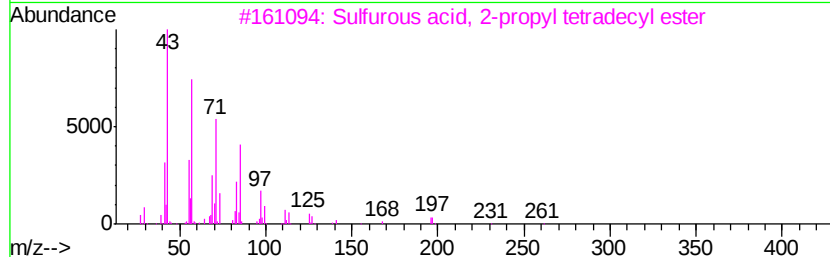
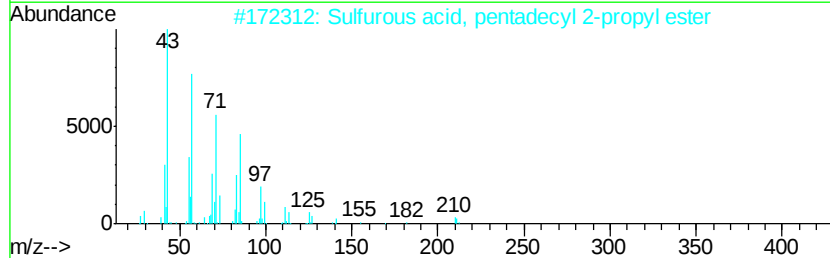
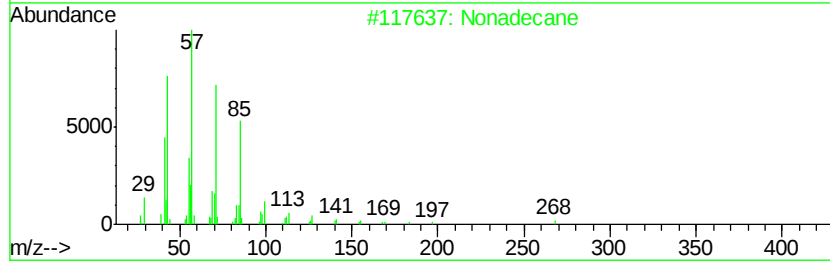
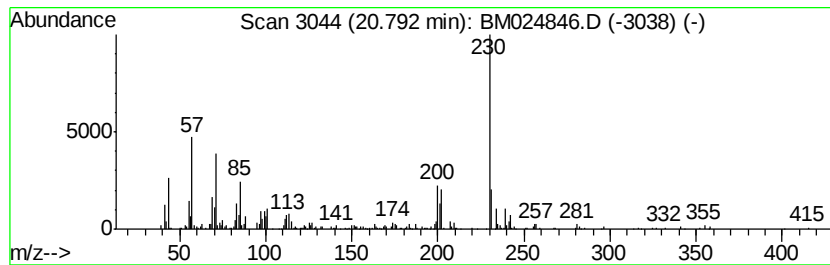
Instrument :
BNA_M
ClientSampleId :
CB6P8

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 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.03 ng/ul	610116	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane		268 C19H40	000629-92-5 64
2	Sulfurous acid, pentadecyl 2-pro...		334 C18H38O3S	1000309-12-6 46
3	Sulfurous acid, 2-propyl tetradec...		320 C17H36O3S	1000309-12-5 46
4	Tetracosane		338 C24H50	000646-31-1 45
5	Tetracosane		338 C24H50	000646-31-1 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024846.D
Acq On : 11 Feb 2020 22:16
Operator : CG/JU
Sample : L1405-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P8

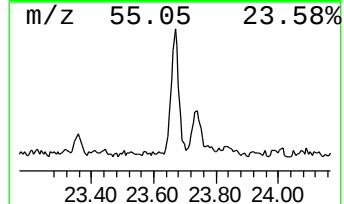
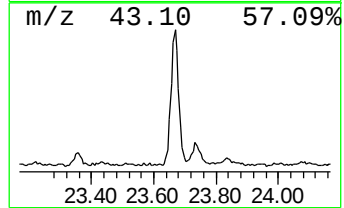
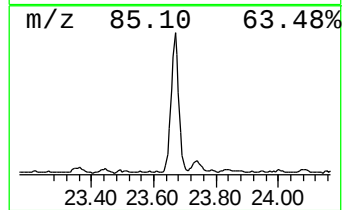
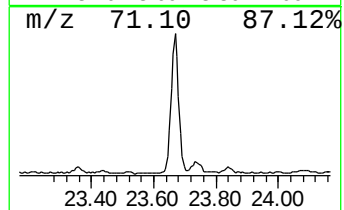
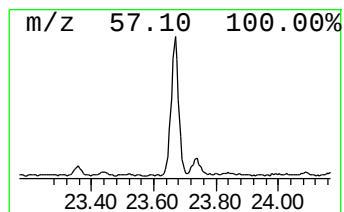
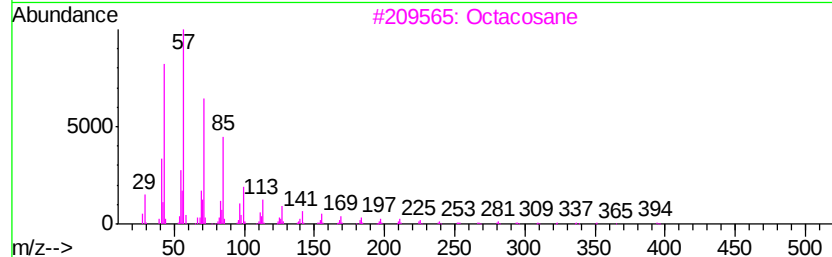
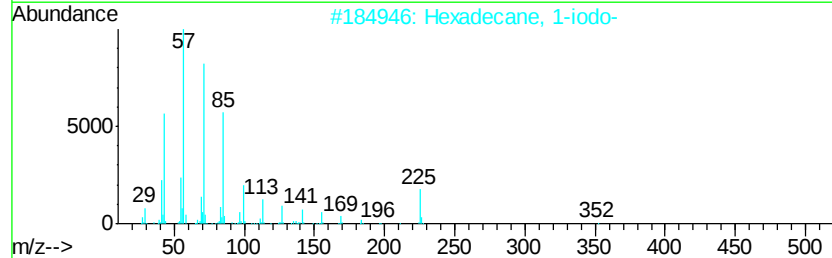
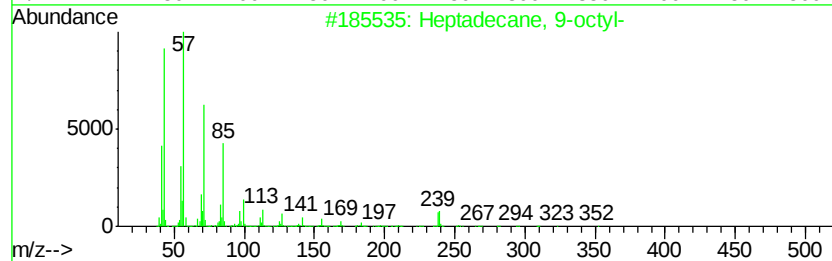
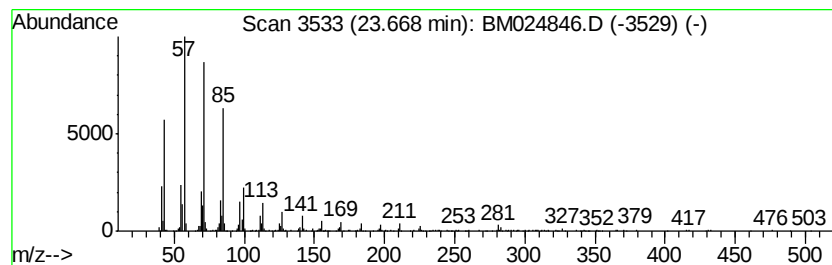
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.83 ng/ul	918622	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	98
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3		Octacosane	394	C28H58	000630-02-4	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021120\
Data File : BM024846.D
Acq On : 11 Feb 2020 22:16
Operator : CG/JU
Sample : L1405-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P8

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...	17.73	2.1	ng/ul	407941	4	16.80	3852800	20.0
4H-Cyclopenta[def...	17.87	2.4	ng/ul	470147	4	16.80	3852800	20.0
(DEL) Alkane: Str...	20.79	2.0	ng/ul	610116	5	21.02	6023110	20.0
(DEL) Alkane: Str...	23.67	4.8	ng/ul	918622	6	23.12	3804030	20.0