

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010012.D
 Acq On : 29 Feb 2020 07:31
 Operator : CG/JU
 Sample : L1516-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD22

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_N\METHODS\SOM-EPA-BN021220MA.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	3.028	3	7	12	rBV	23704	34977	1.59%	0.108%
2	3.705	118	122	128	rVB4	4622	8297	0.38%	0.026%
3	6.587	605	612	627	rBV	437308	800309	36.43%	2.475%
4	6.734	632	637	650	rBV	322834	531385	24.19%	1.643%
5	6.916	662	668	682	rVB	480863	777529	35.39%	2.405%
6	7.375	739	746	757	rBV	428332	690885	31.45%	2.137%
7	7.469	757	762	769	rVB4	5775	8510	0.39%	0.026%
8	8.093	862	868	882	rBV	542407	910871	41.46%	2.817%
9	8.522	934	941	955	rBV	436224	778515	35.43%	2.408%
10	9.228	1055	1061	1078	rBV	383272	665175	30.28%	2.057%
11	9.769	1146	1153	1174	rBV	479201	920049	41.88%	2.845%
12	10.122	1206	1213	1225	rBV	629709	1012132	46.07%	3.130%
13	10.281	1232	1240	1258	rBV	450514	931740	42.41%	2.882%
14	11.728	1483	1486	1491	rVB	5539	8199	0.37%	0.025%
15	12.022	1532	1536	1542	rVB4	3668	8286	0.38%	0.026%
16	12.928	1686	1690	1697	rBV4	7594	13341	0.61%	0.041%
17	13.175	1728	1732	1734	rBV3	7799	11232	0.51%	0.035%
18	13.334	1752	1759	1764	rBV3	15651	27803	1.27%	0.086%
19	13.387	1764	1768	1772	rVV	12198	16811	0.77%	0.052%
20	13.445	1772	1778	1783	rVV	880068	1217442	55.41%	3.765%
21	13.493	1783	1786	1796	rVV	107240	151558	6.90%	0.469%
22	13.575	1796	1800	1803	rVV2	4633	9188	0.42%	0.028%
23	13.704	1815	1822	1833	rVV	1048200	1519344	69.15%	4.699%
24	14.016	1869	1875	1881	rVV	857722	1245031	56.67%	3.850%
25	14.081	1881	1886	1894	rVB	193374	276364	12.58%	0.855%
26	14.287	1914	1921	1936	rVV	214434	558828	25.43%	1.728%
27	14.428	1939	1945	1952	rVV	78013	145513	6.62%	0.450%
28	14.481	1952	1954	1957	rVV2	10849	15375	0.70%	0.048%
29	14.510	1957	1959	1967	rVB3	8372	11542	0.53%	0.036%
30	15.022	2040	2046	2052	rVV	1264919	1767321	80.44%	5.466%
31	15.081	2052	2056	2067	rVV	135015	207529	9.45%	0.642%
32	15.187	2069	2074	2083	rVV	288691	474981	21.62%	1.469%
33	15.263	2085	2087	2090	rVV4	18344	21766	0.99%	0.067%
34	15.328	2096	2098	2102	rVV3	7266	8821	0.40%	0.027%

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35	15.381	2102	2107	2113	rVB2	31217	45906	2.09%	0.142%
36	15.528	2127	2132	2139	rBV2	36399	68000	3.09%	0.210%
37	15.616	2141	2147	2152	rVB5	7307	14858	0.68%	0.046%
38	15.769	2168	2173	2178	rVV4	11373	19960	0.91%	0.062%
39	16.075	2221	2225	2226	rVV3	13610	18824	0.86%	0.058%
40	16.087	2226	2227	2233	rVV6	16206	22159	1.01%	0.069%
41	16.139	2233	2236	2240	rVV3	8226	9509	0.43%	0.029%
42	16.192	2240	2245	2248	rVV6	5779	8575	0.39%	0.027%
43	16.234	2248	2252	2257	rVB7	8894	13863	0.63%	0.043%
44	16.328	2264	2268	2270	rVV3	7536	9658	0.44%	0.030%
45	16.357	2270	2273	2279	rVV7	8588	16247	0.74%	0.050%
46	16.445	2285	2288	2295	rVB5	11305	20682	0.94%	0.064%
47	16.528	2296	2302	2307	rBV5	12530	23961	1.09%	0.074%
48	16.598	2307	2314	2320	rVB	33333	54758	2.49%	0.169%
49	16.775	2338	2344	2348	rBV	1019790	1409082	64.13%	4.358%
50	16.822	2348	2352	2356	rVV	526848	817628	37.21%	2.529%
51	16.875	2356	2361	2376	rVV	1319269	2050610	93.33%	6.342%
52	16.992	2376	2381	2389	rVB4	20583	47101	2.14%	0.146%
53	17.092	2395	2398	2400	rBV4	6426	7950	0.36%	0.025%
54	17.192	2407	2415	2421	rBV4	42853	86985	3.96%	0.269%
55	17.239	2421	2423	2429	rVB6	8000	10457	0.48%	0.032%
56	17.304	2431	2434	2439	rBV6	17010	24783	1.13%	0.077%
57	17.498	2465	2467	2474	rVB7	9437	14393	0.66%	0.045%
58	17.581	2479	2481	2484	rBV3	7276	8134	0.37%	0.025%
59	17.657	2485	2494	2498	rBV	69703	111246	5.06%	0.344%
60	17.704	2498	2502	2512	rVV2	153466	253047	11.52%	0.783%
61	17.792	2513	2517	2521	rVV2	18073	27953	1.27%	0.086%
62	17.845	2521	2526	2531	rVV2	117114	197056	8.97%	0.609%
63	17.886	2531	2533	2543	rVB2	39709	57757	2.63%	0.179%
64	17.981	2543	2549	2551	rBV6	14148	20772	0.95%	0.064%
65	18.133	2572	2575	2577	rVV3	17032	21073	0.96%	0.065%
66	18.163	2577	2580	2585	rVV	55945	79923	3.64%	0.247%
67	18.216	2585	2589	2595	rVB3	44111	65969	3.00%	0.204%
68	18.422	2618	2624	2627	rVV5	16084	28452	1.29%	0.088%
69	18.469	2629	2632	2635	rVV4	10671	13461	0.61%	0.042%
70	18.510	2635	2639	2642	rVB5	14947	18797	0.86%	0.058%
71	18.592	2648	2653	2655	rBV5	17925	26582	1.21%	0.082%

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72	18.645	2659	2662	2666	rBV4	14423	23142	1.05%	0.072%
73	18.733	2673	2677	2686	rVB	44160	70750	3.22%	0.219%
74	18.851	2687	2697	2706	rBV	848215	1306050	59.44%	4.039%
75	19.004	2721	2723	2728	rVB5	15124	20531	0.93%	0.063%
76	19.075	2731	2735	2736	rBV3	26070	30642	1.39%	0.095%
77	19.092	2736	2738	2743	rVB2	28395	31427	1.43%	0.097%
78	19.186	2748	2754	2757	rVV	1559749	2197109	100.00%	6.795%
79	19.216	2757	2759	2769	rVV	560506	756817	34.45%	2.341%
80	19.298	2770	2773	2781	rVB4	42961	78376	3.57%	0.242%
81	19.410	2788	2792	2799	rVB2	36266	49332	2.25%	0.153%
82	19.469	2799	2802	2808	rVB8	14161	23777	1.08%	0.074%
83	19.563	2812	2818	2822	rBV5	20995	50363	2.29%	0.156%
84	19.698	2836	2841	2842	rBV5	18181	27948	1.27%	0.086%
85	19.728	2843	2846	2852	rVB2	43852	75792	3.45%	0.234%
86	19.828	2859	2863	2867	rBV2	35874	54952	2.50%	0.170%
87	19.886	2869	2873	2876	rVB2	27442	43289	1.97%	0.134%
88	20.251	2933	2935	2937	rBV3	15607	19073	0.87%	0.059%
89	20.486	2972	2975	2982	rBV4	28196	48250	2.20%	0.149%
90	20.645	2999	3002	3006	rBV6	27534	47141	2.15%	0.146%
91	20.686	3006	3009	3011	rVV2	25737	33541	1.53%	0.104%
92	20.739	3014	3018	3024	rVB	312953	406662	18.51%	1.258%
93	20.998	3056	3062	3067	rBV	1147662	1577839	71.81%	4.880%
94	21.186	3091	3094	3100	rVB4	45247	55520	2.53%	0.172%
95	22.033	3235	3238	3241	rBV	92463	103341	4.70%	0.320%
96	22.498	3314	3317	3321	rVB2	138990	161032	7.33%	0.498%
97	22.969	3391	3397	3402	rBV	1033553	1720915	78.33%	5.322%
98	23.016	3402	3405	3410	rVB	158432	211540	9.63%	0.654%
99	23.098	3414	3419	3427	rVB	809959	1347869	61.35%	4.168%
100	23.592	3500	3503	3509	rVB	139318	229269	10.44%	0.709%

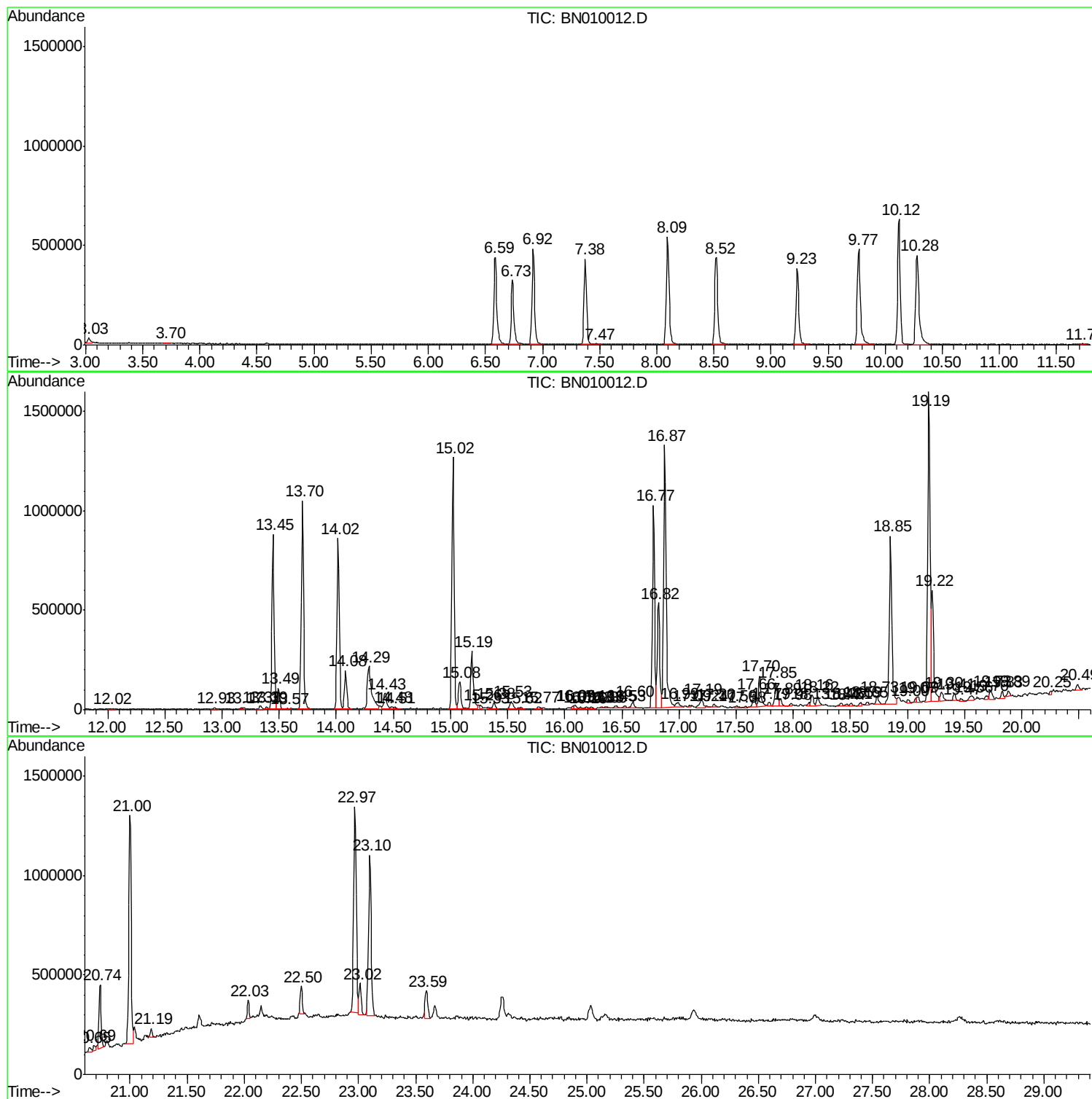
Sum of corrected areas: 32335109

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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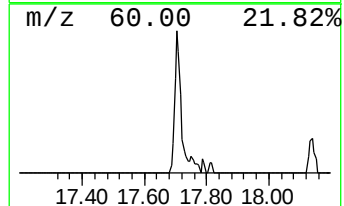
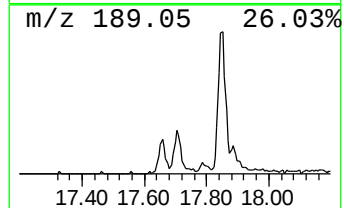
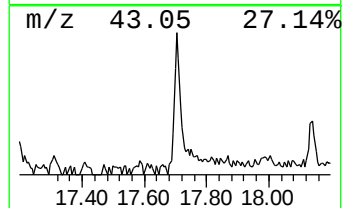
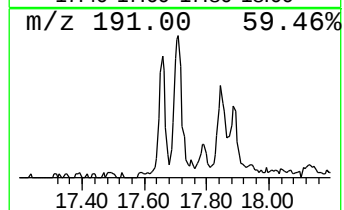
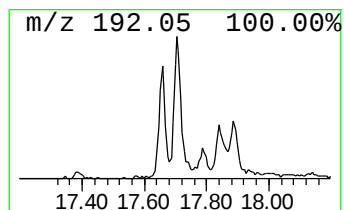
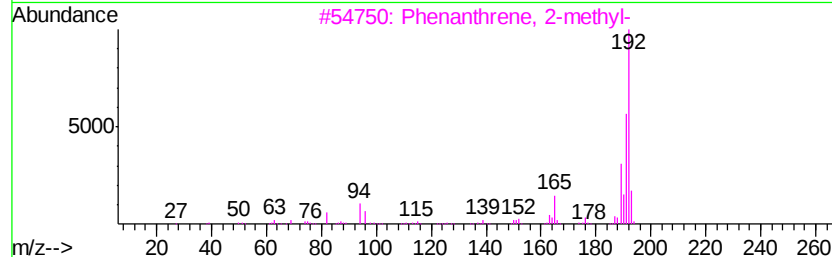
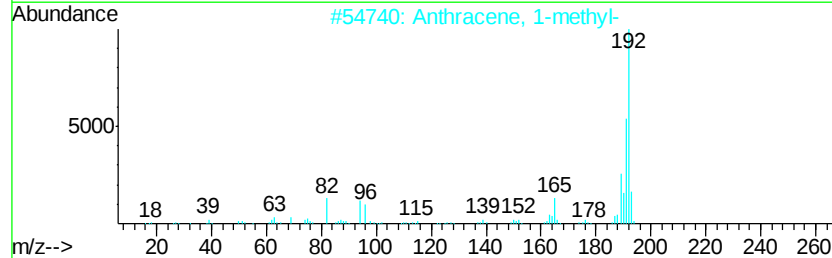
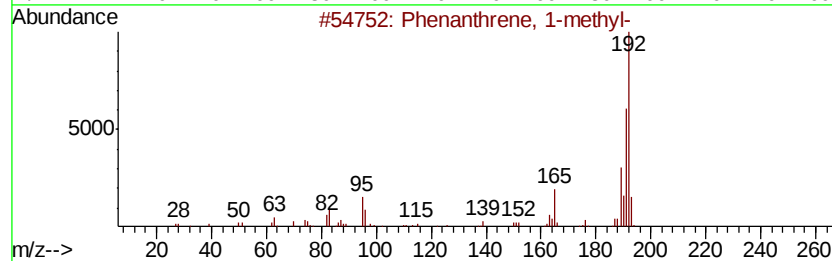
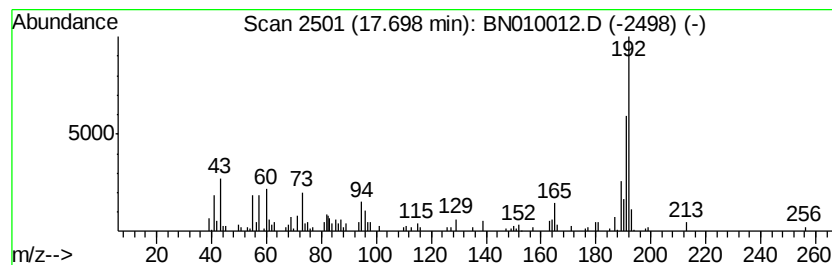
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	3.59 ng/ul	253047	Phenanthrene-d10	16.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	64



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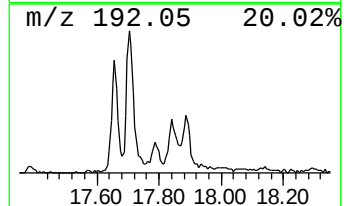
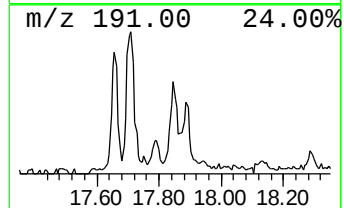
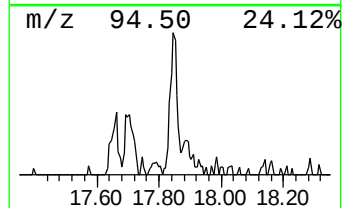
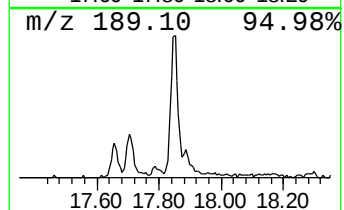
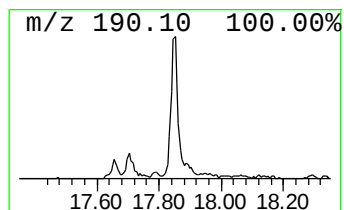
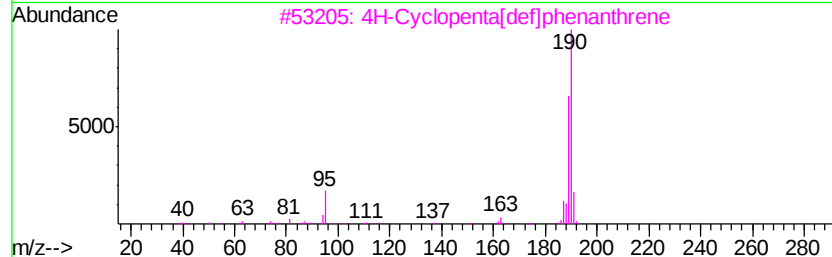
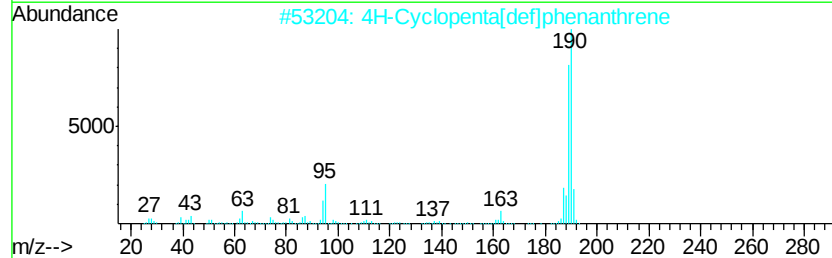
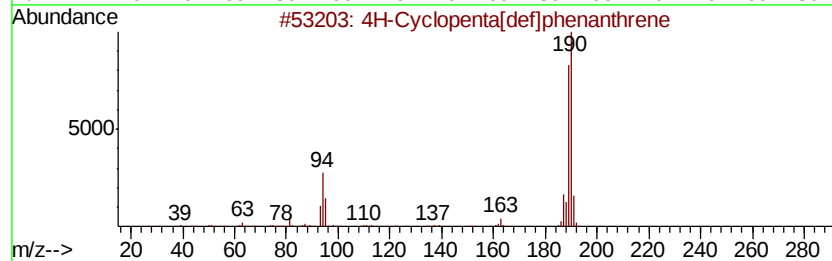
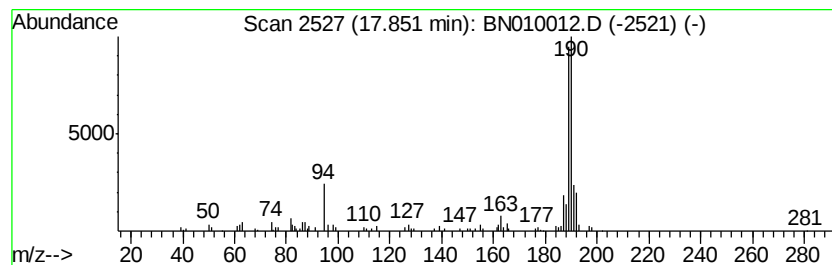
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.80 ng/ul	197056	Phenanthrene-d10	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50



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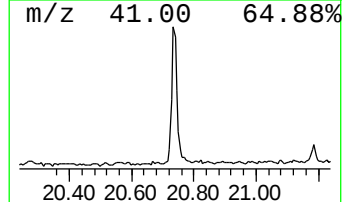
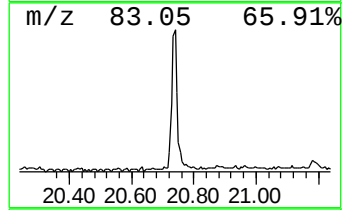
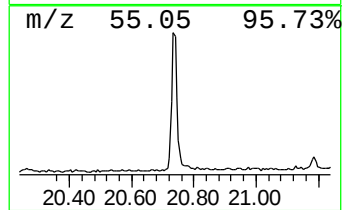
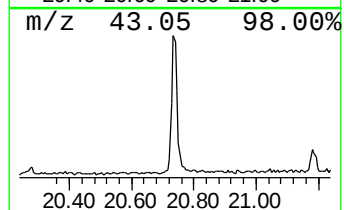
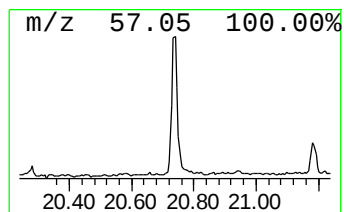
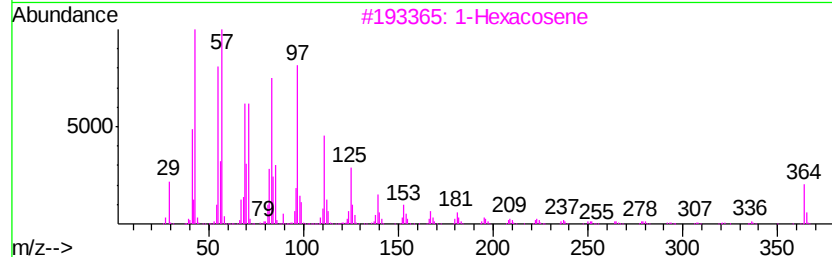
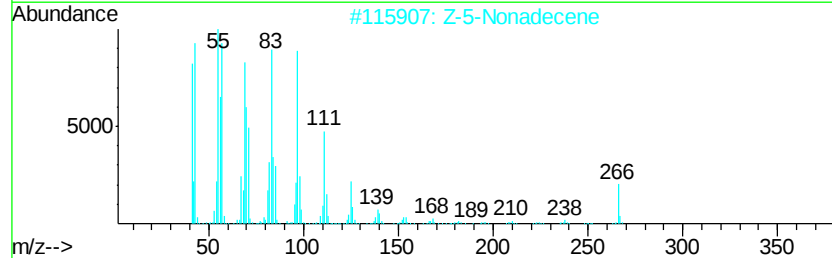
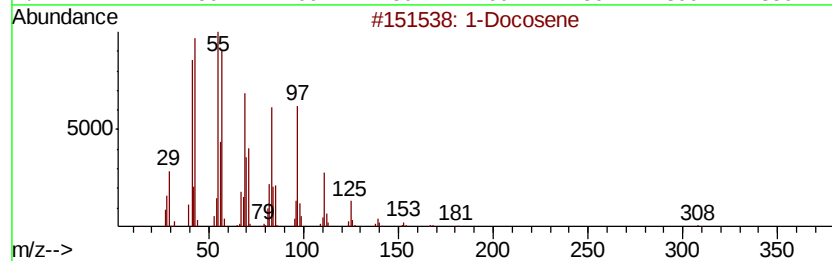
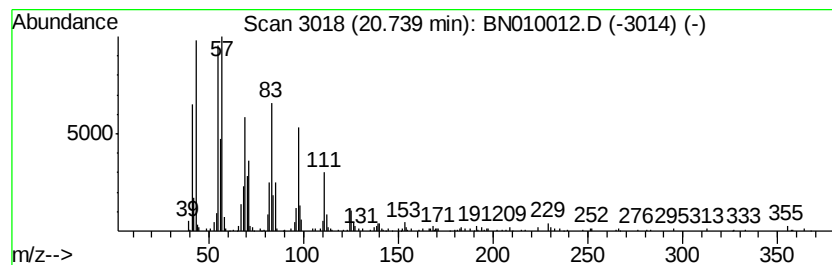
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	5.15 ng/ul	406662	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Z-5-Nonadecene	266	C19H38	1000131-11-8	94
3		1-Hexacosene	364	C26H52	018835-33-1	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		1,2-Octadecanediol	286	C18H38O2	020294-76-2	91



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Data File : BN010012.D
Acq On : 29 Feb 2020 07:31
Operator : CG/JU
Sample : L1516-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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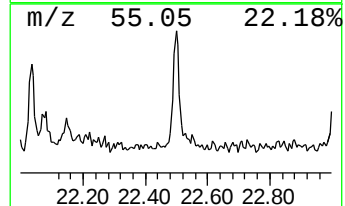
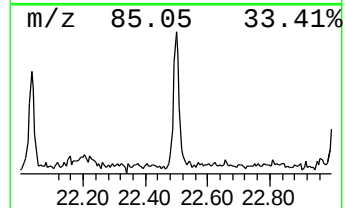
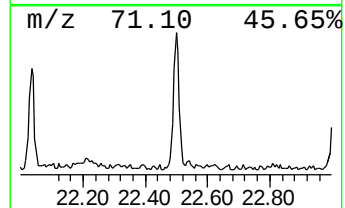
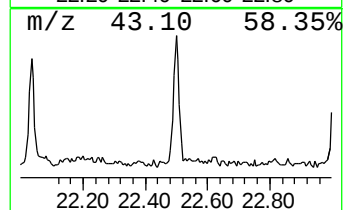
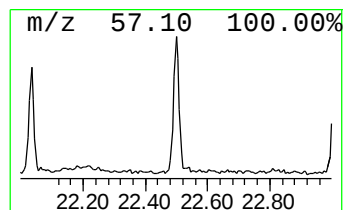
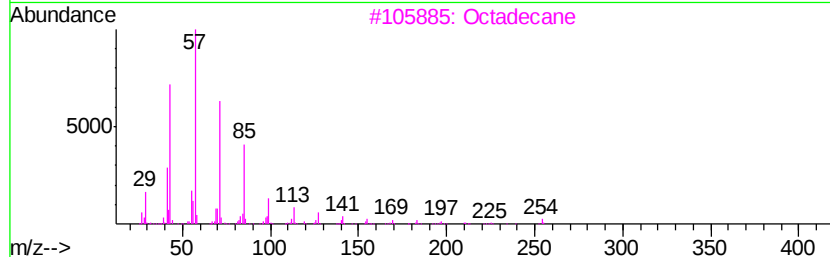
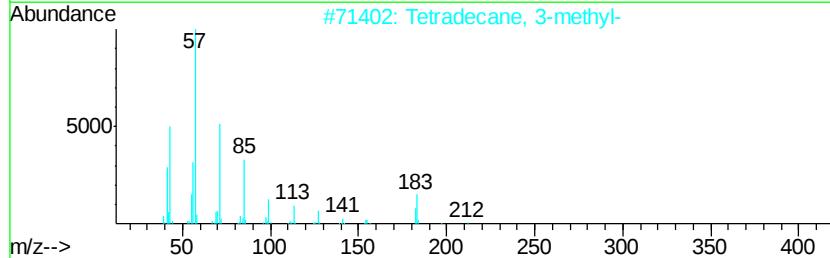
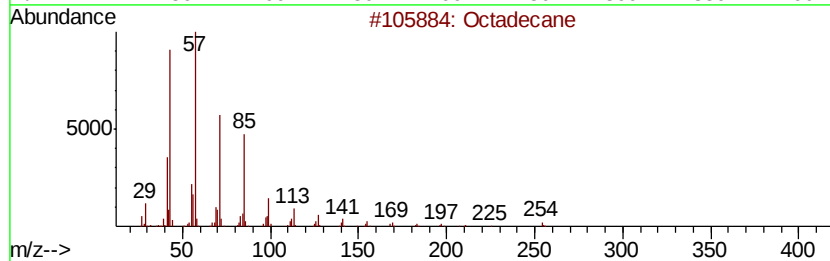
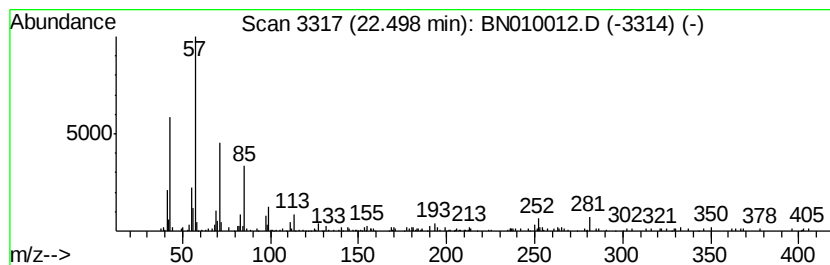
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.39 ng/ul	161032	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	70
2		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	70
3		Octadecane	254	C18H38	000593-45-3	70
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	64
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN010012.D
Acq On : 29 Feb 2020 07:31
Operator : CG/JU
Sample : L1516-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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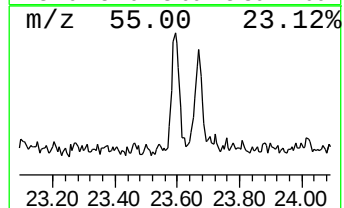
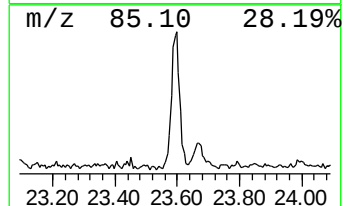
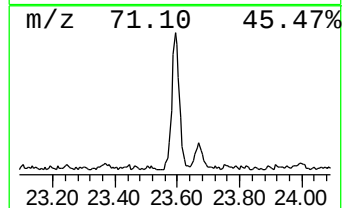
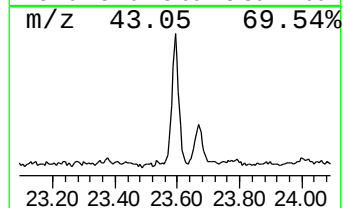
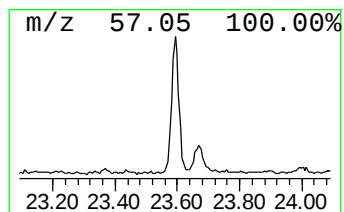
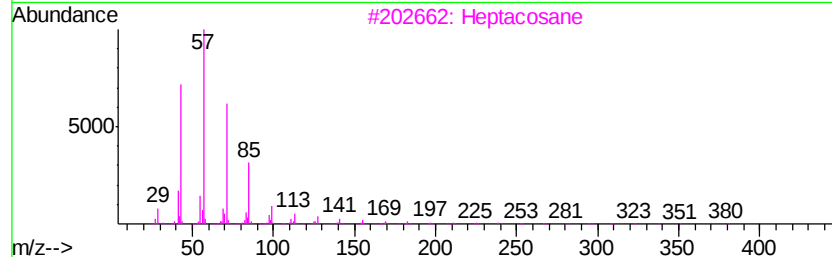
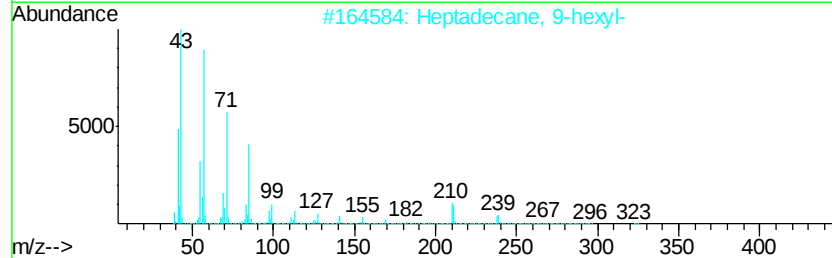
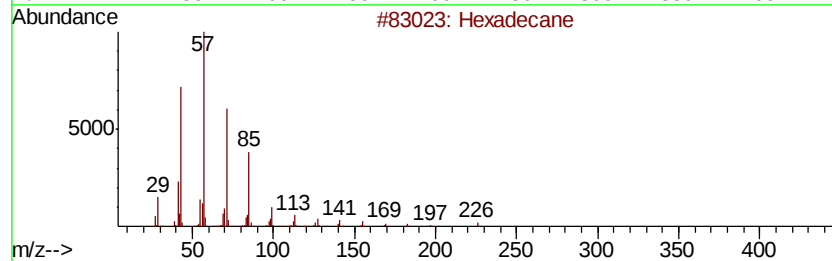
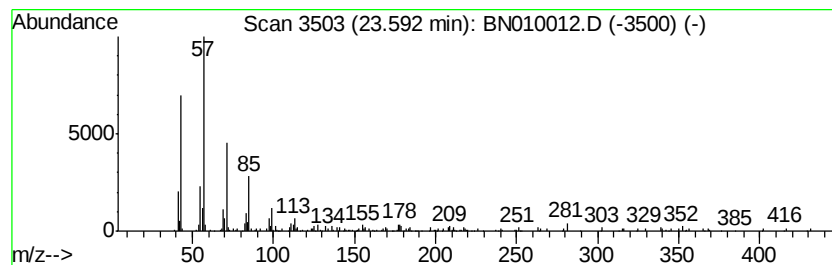
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.40 ng/ul	229269	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	89
3		Heptacosane	380	C27H56	000593-49-7	74
4		Eicosane, 3-methyl-	296	C21H44	006418-46-8	72
5		Hexatriacontane	507	C36H74	000630-06-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
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Sample : L1516-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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, 1-m...	17.70	3.6	ng/ul	253047	4	16.77	1409080	20.0
4H-Cyclopenta[def...	17.85	2.8	ng/ul	197056	4	16.77	1409080	20.0
(DEL) Alkane: Str...	20.74	5.2	ng/ul	406662	5	21.00	1577840	20.0
(DEL) Alkane: Str...	22.50	2.4	ng/ul	161032	6	23.10	1347870	20.0
(DEL) Alkane: Str...	23.59	3.4	ng/ul	229269	6	23.10	1347870	20.0