

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006477.D
 Acq On : 21 Jun 2019 22:15
 Operator : HP/JU
 Sample : K3335-22
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y0

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-BN061919MA.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	3.140	22	26	31	rVB	43696	58239	1.15%	0.080%
2	3.764	128	132	138	rVB	44486	62990	1.25%	0.086%
3	4.752	296	300	308	rVB	45399	69380	1.38%	0.095%
4	6.805	638	649	663	rBV	752118	1364852	27.06%	1.864%
5	6.964	670	676	688	rVB	693255	1074449	21.30%	1.468%
6	7.158	702	709	720	rBV	776938	1259918	24.98%	1.721%
7	7.622	779	788	797	rBV	971563	1561925	30.97%	2.134%
8	8.334	903	909	924	rBV	804760	1347333	26.71%	1.840%
9	8.446	924	928	937	rVB	21621	39545	0.78%	0.054%
10	8.781	977	985	995	rBV	769121	1319887	26.17%	1.803%
11	9.499	1100	1107	1118	rBV	617483	1062060	21.06%	1.451%
12	10.034	1191	1198	1210	rBV	885659	1550674	30.75%	2.118%
13	10.405	1253	1261	1267	rBV	1476650	2407486	47.73%	3.289%
14	10.452	1267	1269	1276	rVB	55522	81057	1.61%	0.111%
15	10.546	1279	1285	1302	rBV	772897	1447951	28.71%	1.978%
16	12.081	1539	1546	1554	rBV	36109	60858	1.21%	0.083%
17	12.299	1577	1583	1590	rBV	26229	43500	0.86%	0.059%
18	13.598	1798	1804	1808	rBV2	26229	44027	0.87%	0.060%
19	13.693	1814	1820	1824	rVV	1833724	2590854	51.37%	3.539%
20	13.740	1824	1828	1836	rVB	2045249	2636521	52.28%	3.601%
21	13.969	1858	1867	1878	rBV	1937999	2845212	56.41%	3.886%
22	14.281	1912	1920	1927	rBV2	2091471	3142289	62.30%	4.292%
23	14.345	1927	1931	1939	rVB	137128	203412	4.03%	0.278%
24	14.510	1951	1959	1971	rBV	427235	864220	17.14%	1.181%
25	14.681	1983	1988	1991	rBV	104381	158102	3.13%	0.216%
26	14.716	1991	1994	1999	rVV	57771	91163	1.81%	0.125%
27	15.087	2052	2057	2063	rBV	85048	118812	2.36%	0.162%
28	15.281	2083	2090	2095	rBV	2521927	3639144	72.16%	4.971%
29	15.334	2095	2099	2105	rVV	166351	248826	4.93%	0.340%
30	15.422	2109	2114	2124	rVV	323762	508715	10.09%	0.695%
31	15.516	2124	2130	2134	rVV4	37788	92305	1.83%	0.126%
32	15.634	2145	2150	2157	rVB	46108	74497	1.48%	0.102%
33	15.775	2168	2174	2182	rBV	49240	98549	1.95%	0.135%
34	16.010	2210	2214	2220	rVV6	19986	36974	0.73%	0.051%

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35	16.345	2259	2271	2275	rBV3	36731	93580	1.86%	0.128%
36	16.387	2275	2278	2285	rVB3	20332	30343	0.60%	0.041%
37	16.692	2326	2330	2337	rVB2	42144	69677	1.38%	0.095%
38	16.769	2337	2343	2345	rBV	30371	47366	0.94%	0.065%
39	16.851	2353	2357	2367	rVB	85525	131597	2.61%	0.180%
40	17.034	2381	2388	2392	rBV2	2564548	3741540	74.19%	5.111%
41	17.075	2392	2395	2400	rVV	1543840	2130321	42.24%	2.910%
42	17.134	2400	2405	2409	rVV2	2641051	3732009	74.00%	5.098%
43	17.169	2409	2411	2417	rVV	402067	481079	9.54%	0.657%
44	17.234	2417	2422	2427	rVB3	31825	62556	1.24%	0.085%
45	17.322	2432	2437	2440	rBV4	17621	32499	0.64%	0.044%
46	17.445	2447	2458	2467	rBV2	145721	290211	5.75%	0.396%
47	17.557	2471	2477	2484	rVV3	31492	68798	1.36%	0.094%
48	17.622	2484	2488	2496	rVB6	24682	50679	1.00%	0.069%
49	17.910	2530	2537	2539	rBV	162583	227564	4.51%	0.311%
50	18.039	2556	2559	2564	rVB	93957	133977	2.66%	0.183%
51	18.110	2565	2571	2575	rBV3	234490	437302	8.67%	0.597%
52	18.145	2575	2577	2583	rVB	112613	134158	2.66%	0.183%
53	18.228	2587	2591	2594	rBV3	28014	40020	0.79%	0.055%
54	18.269	2594	2598	2602	rBV3	59906	93953	1.86%	0.128%
55	18.416	2619	2623	2628	rBV	127707	176693	3.50%	0.241%
56	18.469	2628	2632	2638	rVB	65490	88596	1.76%	0.121%
57	18.669	2662	2666	2670	rVB3	39024	49786	0.99%	0.068%
58	18.716	2670	2674	2678	rVB2	30608	37489	0.74%	0.051%
59	18.757	2678	2681	2686	rVB2	41036	50625	1.00%	0.069%
60	18.839	2688	2695	2698	rBV	85300	153691	3.05%	0.210%
61	18.875	2698	2701	2704	rVV	34435	46657	0.93%	0.064%
62	18.904	2704	2706	2709	rVB2	28366	32189	0.64%	0.044%
63	18.986	2715	2720	2729	rVB4	61077	129231	2.56%	0.177%
64	19.104	2731	2740	2748	rBV	1797535	2421225	48.01%	3.307%
65	19.175	2748	2752	2754	rVV	24988	31239	0.62%	0.043%
66	19.210	2754	2758	2760	rVV	45045	64567	1.28%	0.088%
67	19.233	2760	2762	2769	rVB7	47158	80928	1.60%	0.111%
68	19.351	2776	2782	2785	rVB2	40173	83317	1.65%	0.114%
69	19.445	2792	2798	2801	rBV	3530127	5043442	100.00%	6.889%
70	19.469	2801	2802	2811	rVV	1416197	1595913	31.64%	2.180%
71	19.545	2811	2815	2822	rVB2	85645	147981	2.93%	0.202%

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72	19.657	2830	2834	2840	rVB	97212	137332	2.72%	0.188%
73	19.716	2840	2844	2850	rVB	58752	91366	1.81%	0.125%
74	19.798	2853	2858	2860	rBV	93719	164489	3.26%	0.225%
75	19.939	2876	2882	2884	rBV3	79643	147620	2.93%	0.202%
76	19.975	2884	2888	2895	rVB	220633	344631	6.83%	0.471%
77	20.075	2901	2905	2909	rBV	150150	187130	3.71%	0.256%
78	20.133	2909	2915	2919	rVV2	129455	237498	4.71%	0.324%
79	20.169	2919	2921	2925	rVB2	31601	37964	0.75%	0.052%
80	20.216	2926	2929	2932	rBV2	34441	50962	1.01%	0.070%
81	20.275	2936	2939	2942	rVV	64436	73183	1.45%	0.100%
82	20.322	2943	2947	2951	rVV3	74186	108976	2.16%	0.149%
83	20.498	2973	2977	2979	rBV3	53133	62890	1.25%	0.086%
84	20.733	3013	3017	3022	rBV	94759	148100	2.94%	0.202%
85	20.892	3041	3044	3047	rBV3	75657	90732	1.80%	0.124%
86	20.933	3047	3051	3053	rBV	92100	108331	2.15%	0.148%
87	20.963	3053	3056	3064	rVV3	596760	978878	19.41%	1.337%
88	21.163	3088	3090	3094	rVB	58481	64691	1.28%	0.088%
89	21.251	3098	3105	3109	rVV3	2882917	4559431	90.40%	6.228%
90	21.286	3109	3111	3122	rVB	616068	772004	15.31%	1.055%
91	21.404	3127	3131	3135	rBV	280234	320898	6.36%	0.438%
92	21.798	3196	3198	3201	rVB	76669	83355	1.65%	0.114%
93	21.833	3201	3204	3215	rBV2	262254	392455	7.78%	0.536%
94	22.292	3278	3282	3287	rBV	419170	548456	10.87%	0.749%
95	22.798	3363	3368	3376	rBV2	567874	1478925	29.32%	2.020%
96	23.286	3447	3451	3454	rBV	160654	272872	5.41%	0.373%
97	23.339	3454	3460	3466	rBV2	1742630	3335452	66.13%	4.556%
98	23.480	3477	3484	3490	rBV	1616390	2859818	56.70%	3.906%
99	23.986	3565	3570	3581	rVB	351118	690242	13.69%	0.943%
100	24.721	3690	3695	3702	rVB	193388	390569	7.74%	0.534%

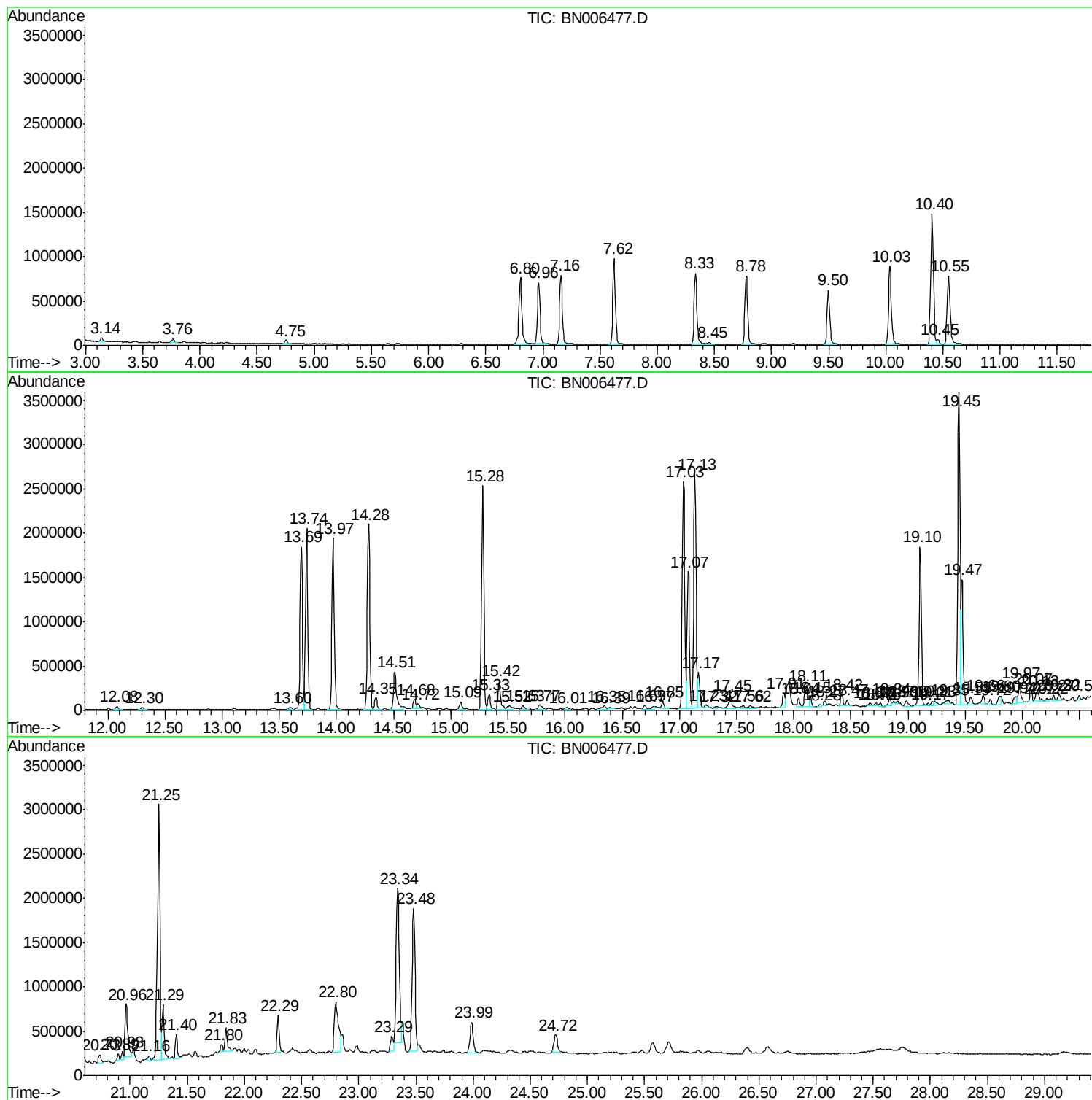
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



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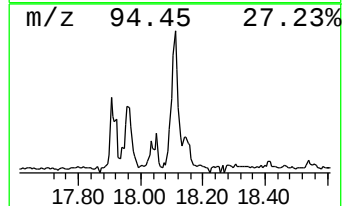
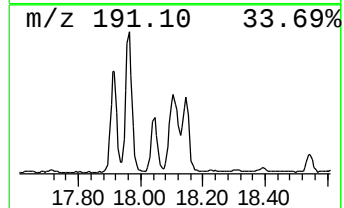
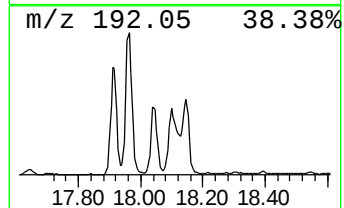
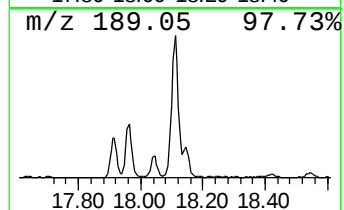
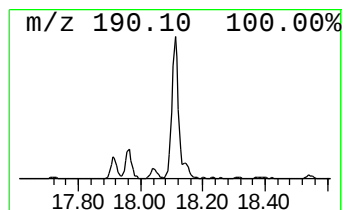
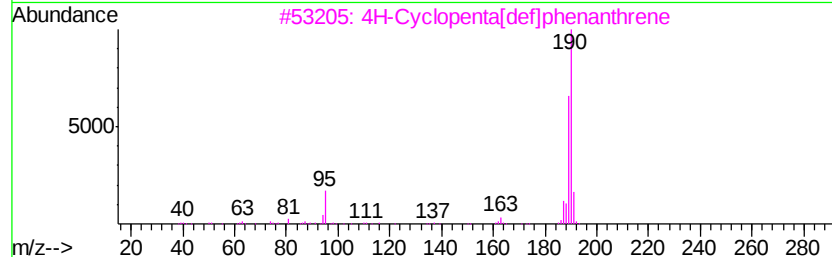
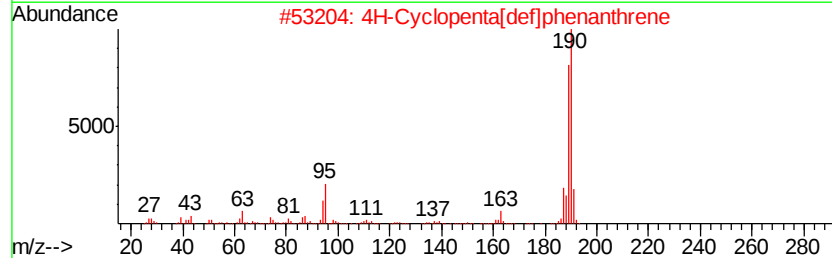
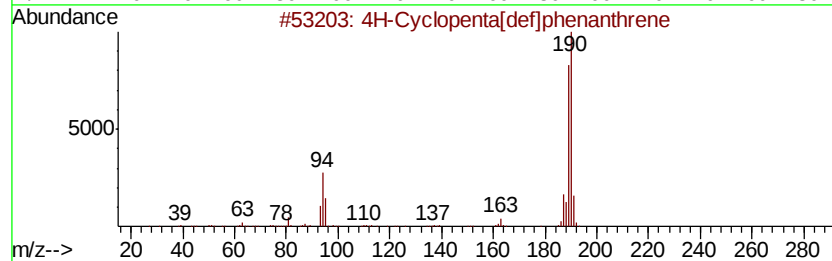
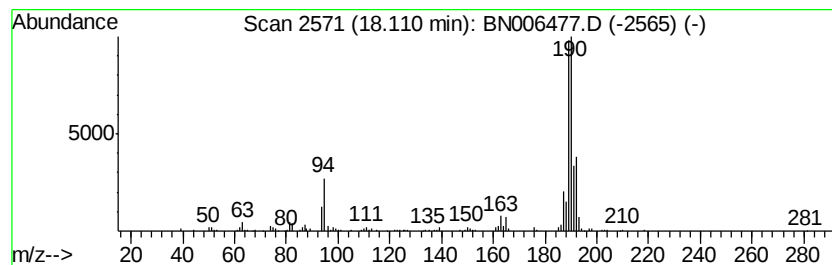
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.11	2.34 ng/ul	437302	Phenanthrene-d10	17.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42



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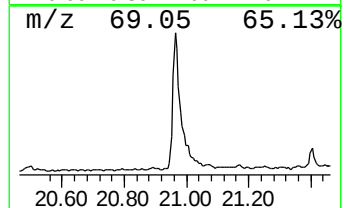
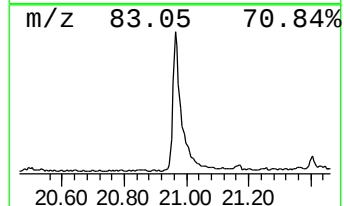
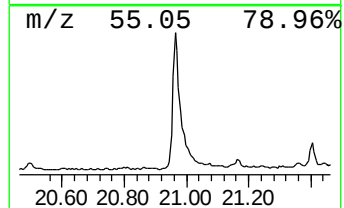
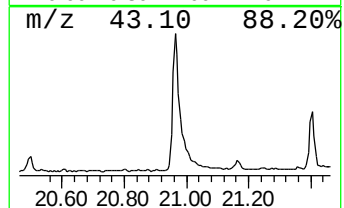
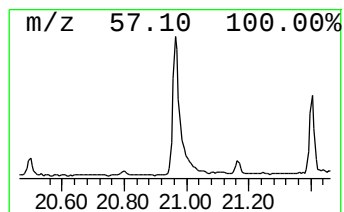
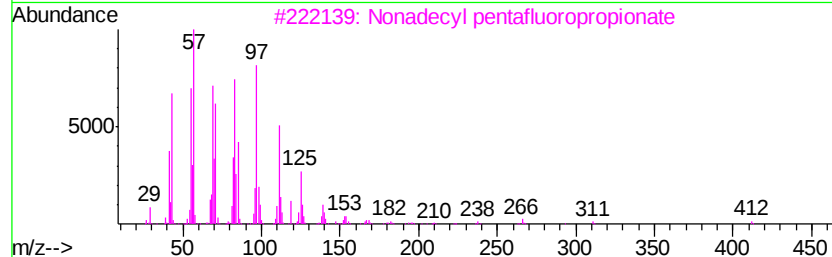
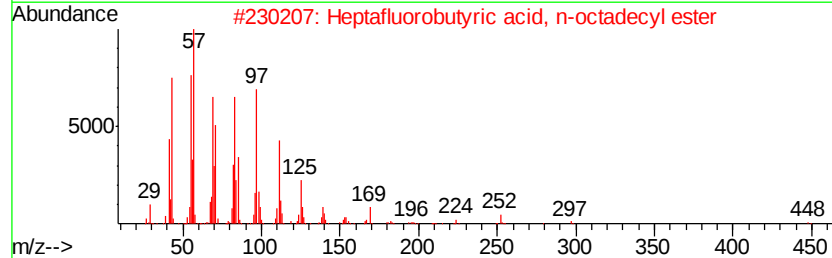
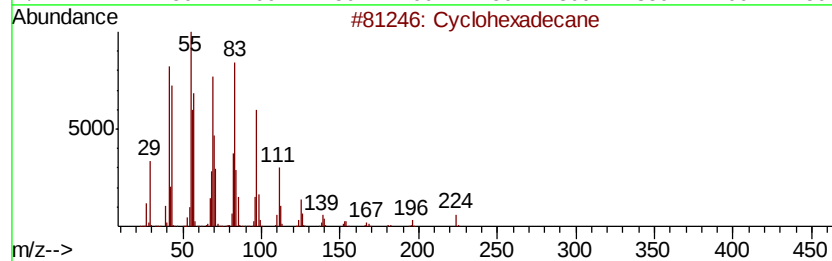
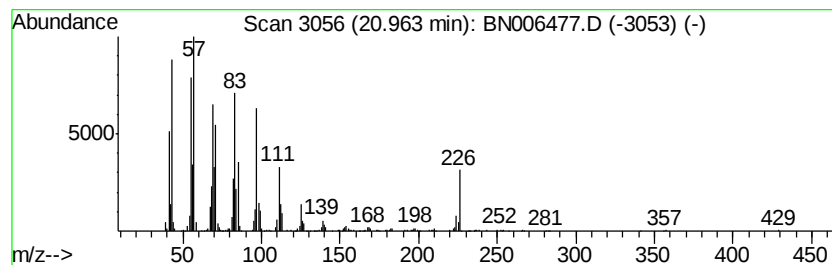
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.29 ng/ul	978878	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 92
2		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 87
3		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 87
4		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 87
5		Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3 87



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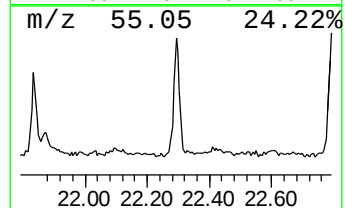
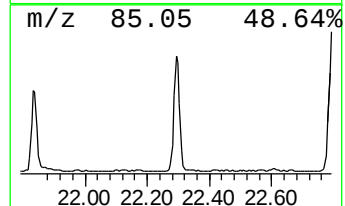
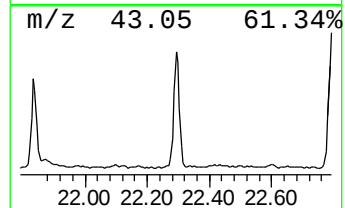
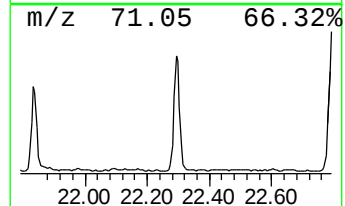
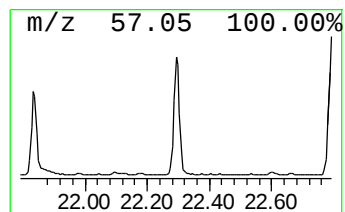
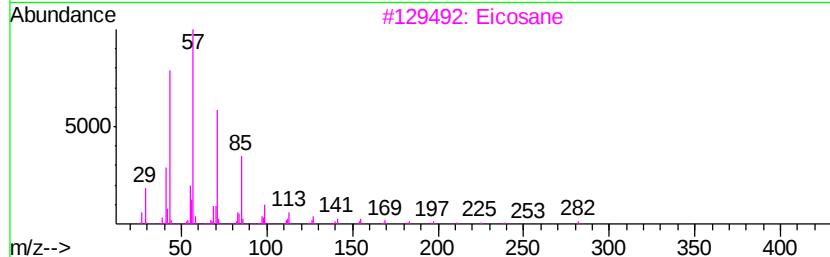
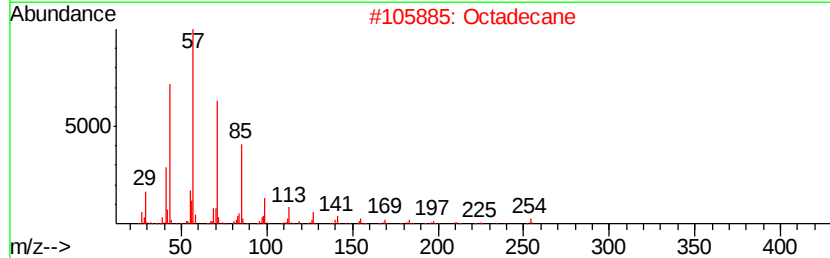
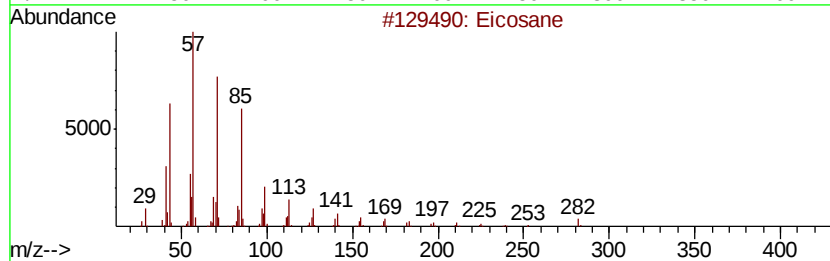
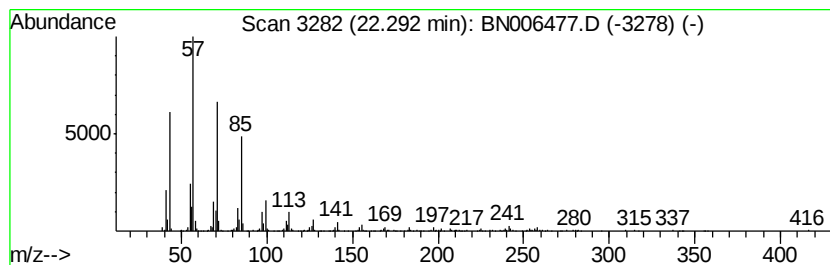
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.41 ng/ul	548456	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octadecane	254	C18H38	000593-45-3	96
3		Eicosane	282	C20H42	000112-95-8	95
4		Hexacosane	366	C26H54	000630-01-3	93
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
Data File : BN006477.D
Acq On : 21 Jun 2019 22:15
Operator : HP/JU
Sample : K3335-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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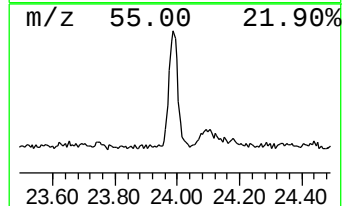
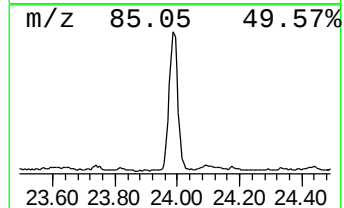
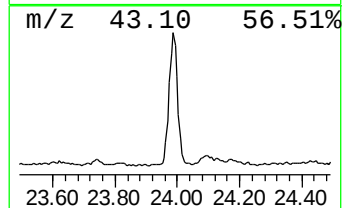
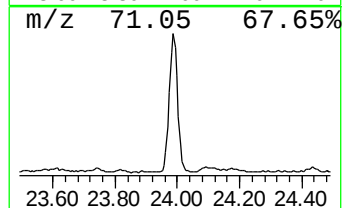
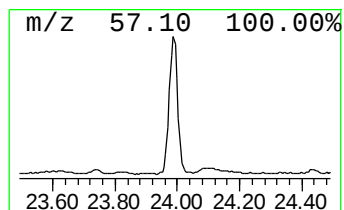
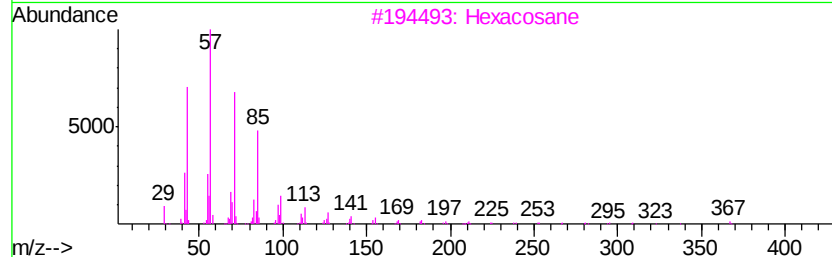
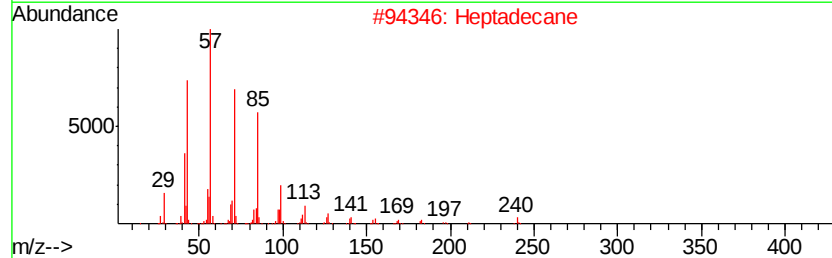
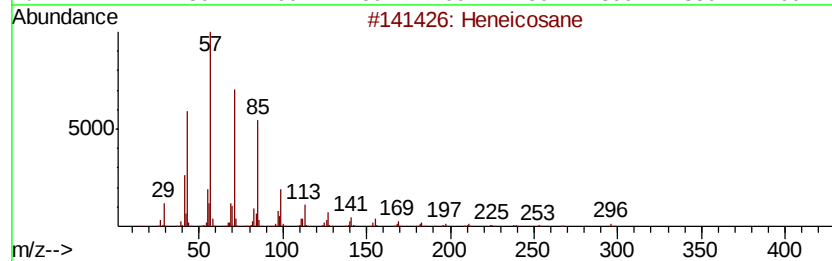
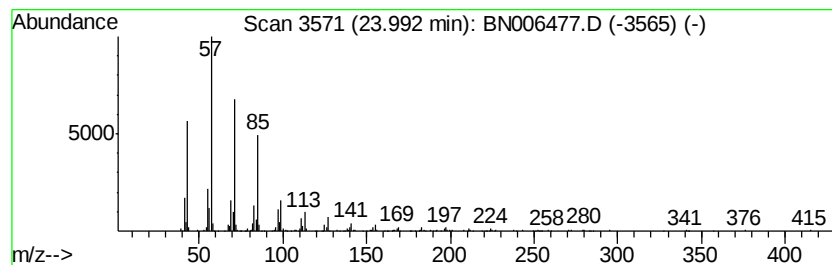
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.83 ng/ul	690242	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane	240	C17H36	000629-78-7	93
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
Data File : BN006477.D
Acq On : 21 Jun 2019 22:15
Operator : HP/JU
Sample : K3335-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Y0

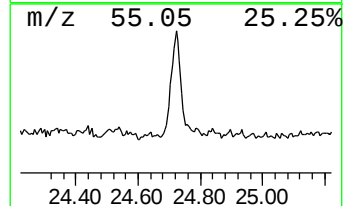
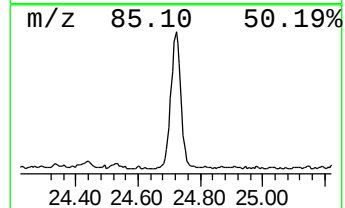
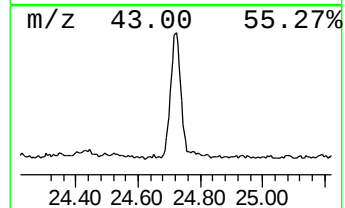
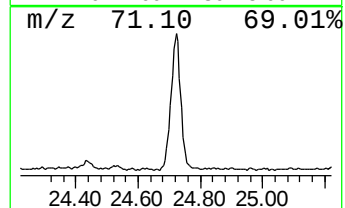
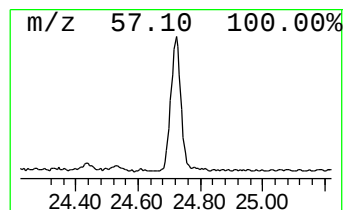
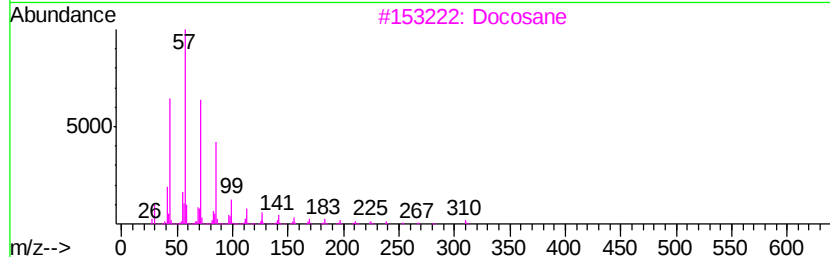
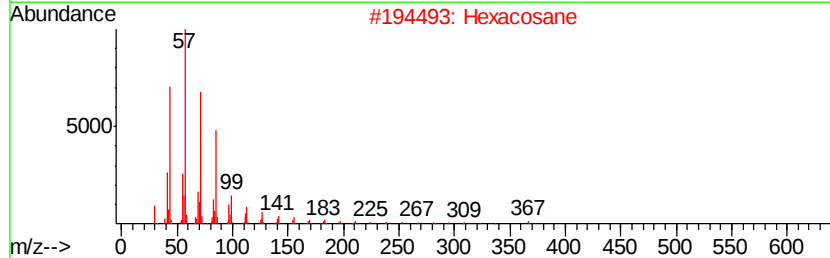
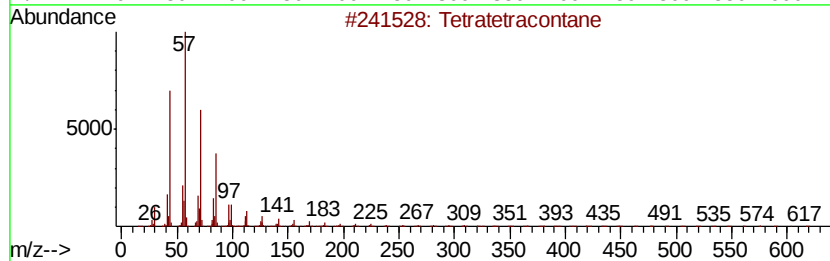
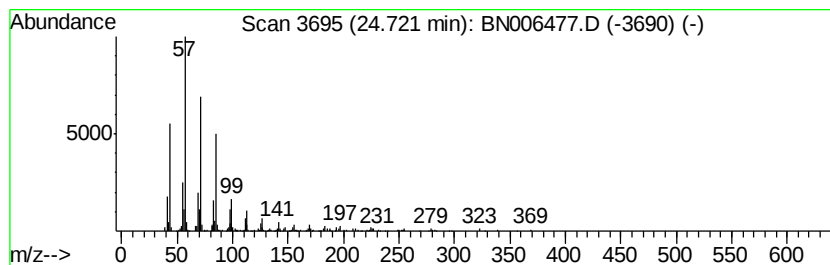
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Quant Title : SVOA CALIBRATION

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.
24.72	2.73 ng/ul	390569	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Docosane	310	C22H46	000629-97-0	87
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
Data File : BN006477.D
Acq On : 21 Jun 2019 22:15
Operator : HP/JU
Sample : K3335-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Y0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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
4H-Cyclopenta[def...	18.11	2.3	ng/ul	437302	4	17.03	3741540	20.0
(DEL) Alkane: Cyc...	20.96	4.3	ng/ul	978878	5	21.25	4559430	20.0
(DEL) Alkane: Str...	22.29	2.4	ng/ul	548456	5	21.25	4559430	20.0
(DEL) Alkane: Str...	23.99	4.8	ng/ul	690242	6	23.48	2859820	20.0
(DEL) Alkane: Str...	24.72	2.7	ng/ul	390569	6	23.48	2859820	20.0