

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
 Data File : BN005833.D
 Acq On : 21 May 2019 20:08
 Operator : JU/SJ
 Sample : K2693-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHF5

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-BN051819MA.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	6.769	639	643	656	rVB2	51588	139394	14.08%	1.555%
2	6.916	664	668	681	rVB	59339	123060	12.43%	1.373%
3	7.110	696	701	710	rBV2	75354	144810	14.63%	1.616%
4	7.569	774	779	790	rVB	104009	209902	21.20%	2.342%
5	8.292	897	902	911	rBV3	76089	162751	16.44%	1.816%
6	8.722	970	975	985	rVB	74848	150267	15.18%	1.677%
7	9.439	1092	1097	1105	rBV2	62601	125927	12.72%	1.405%
8	9.998	1186	1192	1204	rBV2	52760	145422	14.69%	1.623%
9	10.328	1242	1248	1258	rVB	165557	288051	29.09%	3.214%
10	10.498	1271	1277	1290	rBV2	50332	143680	14.51%	1.603%
11	11.975	1526	1528	1531	rBV3	2568	3466	0.35%	0.039%
12	12.304	1582	1584	1586	rBV	1942	2018	0.20%	0.023%
13	12.998	1700	1702	1703	rBV2	1472	1006	0.10%	0.011%
14	13.045	1708	1710	1712	rBV	1510	1362	0.14%	0.015%
15	13.104	1719	1720	1723	rBV2	1513	1821	0.18%	0.020%
16	13.269	1746	1748	1750	rBV2	1271	1004	0.10%	0.011%
17	13.586	1800	1802	1803	rBV	1465	1132	0.11%	0.013%
18	13.622	1803	1808	1813	rVV	224937	351859	35.54%	3.926%
19	13.675	1813	1817	1828	rVB	54469	100095	10.11%	1.117%
20	13.892	1849	1854	1865	rBV	230930	364148	36.78%	4.064%
21	14.086	1884	1887	1889	rBV	1634	2233	0.23%	0.025%
22	14.204	1901	1907	1919	rVB2	271262	429674	43.40%	4.795%
23	14.310	1923	1925	1928	rVB2	1529	1493	0.15%	0.017%
24	14.339	1928	1930	1934	rBV2	1065	1339	0.14%	0.015%
25	14.463	1949	1951	1953	rBV2	1116	1089	0.11%	0.012%
26	14.516	1954	1960	1973	rBV6	17603	60796	6.14%	0.678%
27	14.692	1989	1990	1991	rBV	2919	1049	0.11%	0.012%
28	15.086	2054	2057	2058	rBV	1663	1676	0.17%	0.019%
29	15.210	2072	2078	2090	rBV	291620	492706	49.77%	5.498%
30	15.392	2104	2109	2117	rBV4	22470	43558	4.40%	0.486%
31	15.463	2117	2121	2128	rVB3	3391	5808	0.59%	0.065%
32	15.669	2154	2156	2159	rVB2	982	1067	0.11%	0.012%
33	15.786	2174	2176	2180	rBV	1083	1306	0.13%	0.015%
34	15.898	2191	2195	2196	rBV2	936	1260	0.13%	0.014%

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35	15.986	2207	2210	2212	rBV	1128	1190	0.12%	0.013%
36	16.245	2247	2254	2259	rBV3	916	1764	0.18%	0.020%
37	16.668	2325	2326	2331	rVB2	1458	1162	0.12%	0.013%
38	16.757	2338	2341	2346	rVV2	1144	2230	0.23%	0.025%
39	16.792	2346	2347	2352	rVB2	1070	1048	0.11%	0.012%
40	16.904	2362	2366	2369	rBV2	659	1015	0.10%	0.011%
41	16.963	2370	2376	2386	rVV2	399665	567073	57.28%	6.328%
42	17.068	2388	2394	2411	rVV2	307191	531135	53.65%	5.927%
43	17.263	2423	2427	2429	rBV	936	1103	0.11%	0.012%
44	17.380	2446	2447	2452	rVB2	1133	1264	0.13%	0.014%
45	17.433	2452	2456	2457	rBV2	1341	1315	0.13%	0.015%
46	17.615	2483	2487	2490	rBV3	1176	1435	0.14%	0.016%
47	17.886	2525	2533	2539	rBV5	10741	19559	1.98%	0.218%
48	17.945	2542	2543	2546	rVV2	3244	2751	0.28%	0.031%
49	18.080	2564	2566	2569	rBV2	1120	1055	0.11%	0.012%
50	18.163	2575	2580	2583	rBV3	2186	3279	0.33%	0.037%
51	18.204	2583	2587	2589	rVV2	1338	1667	0.17%	0.019%
52	18.251	2593	2595	2598	rVV2	1270	1336	0.13%	0.015%
53	18.380	2615	2617	2620	rVB2	1103	1117	0.11%	0.012%
54	18.404	2620	2621	2624	rBV2	1453	1424	0.14%	0.016%
55	18.486	2632	2635	2637	rBV3	1614	1470	0.15%	0.016%
56	18.533	2640	2643	2644	rBV2	1344	1279	0.13%	0.014%
57	18.557	2644	2647	2649	rVB2	1581	1208	0.12%	0.013%
58	18.727	2675	2676	2680	rVB2	1081	999	0.10%	0.011%
59	18.762	2680	2682	2685	rBV2	1004	1205	0.12%	0.013%
60	18.792	2685	2687	2690	rBV2	1204	1602	0.16%	0.018%
61	18.851	2694	2697	2699	rBV2	1073	1143	0.12%	0.013%
62	18.874	2699	2701	2703	rBV2	889	1079	0.11%	0.012%
63	18.892	2703	2704	2708	rVB	1401	1264	0.13%	0.014%
64	18.962	2713	2716	2718	rVB4	1327	1485	0.15%	0.017%
65	18.986	2718	2720	2723	rVB2	1082	1214	0.12%	0.014%
66	19.021	2723	2726	2732	rBV3	3742	5839	0.59%	0.065%
67	19.186	2749	2754	2755	rBV3	5382	7197	0.73%	0.080%
68	19.204	2755	2757	2758	rVV2	2511	2125	0.21%	0.024%
69	19.221	2758	2760	2762	rVV3	2142	2260	0.23%	0.025%
70	19.274	2765	2769	2770	rVV2	3307	3532	0.36%	0.039%
71	19.386	2782	2788	2805	rVV	429500	669544	67.63%	7.471%

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72	19.586	2820	2822	2825	rVB4	1416	1480	0.15%	0.017%
73	19.692	2837	2840	2841	rBV2	1303	1395	0.14%	0.016%
74	19.715	2843	2844	2846	rBV2	1695	1344	0.14%	0.015%
75	19.915	2876	2878	2881	rBV2	2534	3674	0.37%	0.041%
76	19.951	2881	2884	2886	rVV4	3661	3968	0.40%	0.044%
77	20.004	2891	2893	2894	rBV	1592	1346	0.14%	0.015%
78	20.086	2905	2907	2910	rBV3	1925	2348	0.24%	0.026%
79	20.198	2925	2926	2929	rVB2	2538	1479	0.15%	0.017%
80	20.227	2929	2931	2933	rBV3	2268	1815	0.18%	0.020%
81	20.339	2948	2950	2952	rVB3	3798	2386	0.24%	0.027%
82	20.362	2952	2954	2956	rVB3	2831	2228	0.23%	0.025%
83	20.433	2963	2966	2967	rBV3	2583	2630	0.27%	0.029%
84	20.451	2967	2969	2973	rVB4	7883	10418	1.05%	0.116%
85	20.927	3046	3050	3060	rBV3	27302	52482	5.30%	0.586%
86	21.215	3093	3099	3114	rBV	552284	880257	88.91%	9.823%
87	21.374	3123	3126	3131	rBV2	25244	26999	2.73%	0.301%
88	21.809	3197	3200	3205	rBV	37968	49310	4.98%	0.550%
89	22.268	3274	3278	3284	rBV	68560	89843	9.07%	1.003%
90	22.762	3358	3362	3371	rVB	74032	107054	10.81%	1.195%
91	22.933	3388	3391	3398	rVB2	40697	54876	5.54%	0.612%
92	23.292	3446	3452	3464	rBV	449903	990043	100.00%	11.048%
93	23.433	3470	3476	3489	rVB	451698	963671	97.34%	10.754%
94	23.939	3557	3562	3569	rVB2	73675	135650	13.70%	1.514%
95	24.080	3582	3586	3592	rVB5	57039	98467	9.95%	1.099%
96	24.656	3680	3684	3693	rVB2	62741	121638	12.29%	1.357%

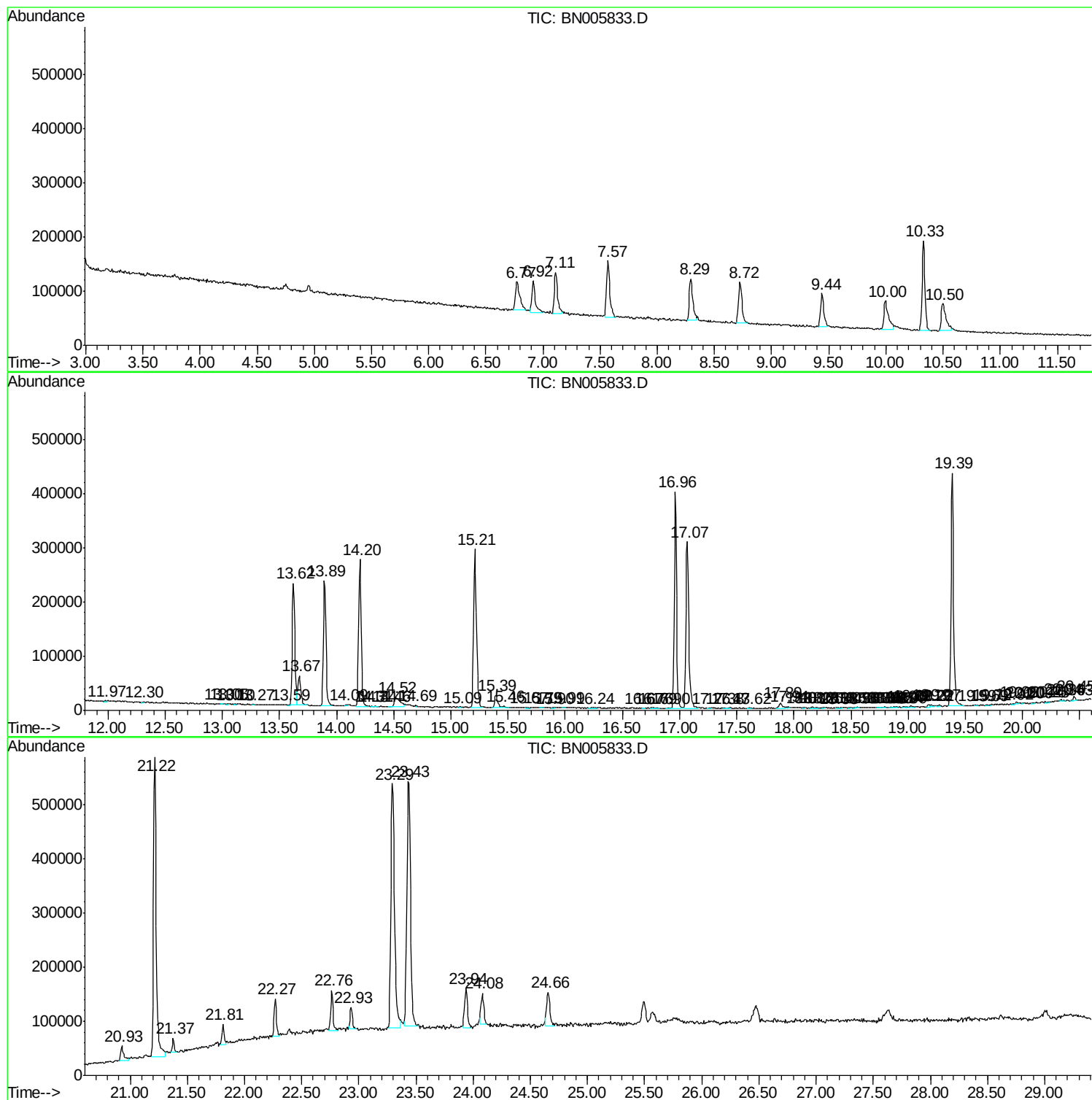
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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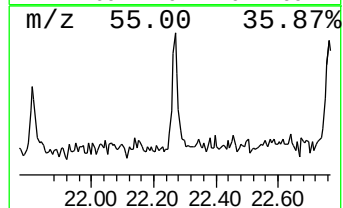
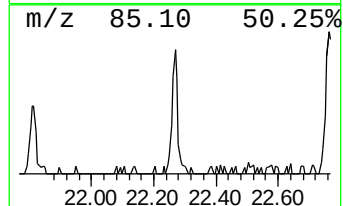
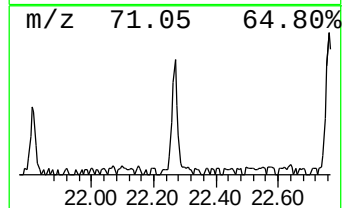
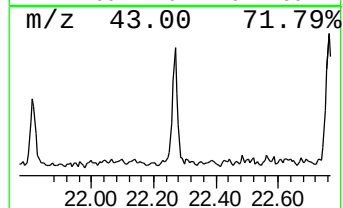
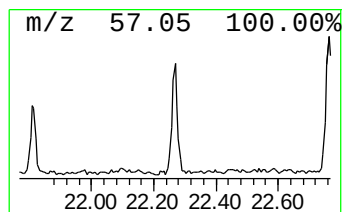
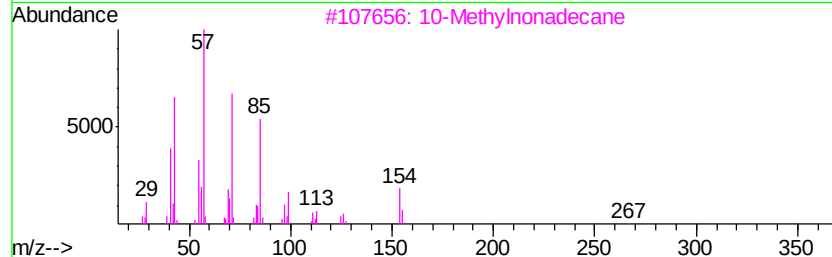
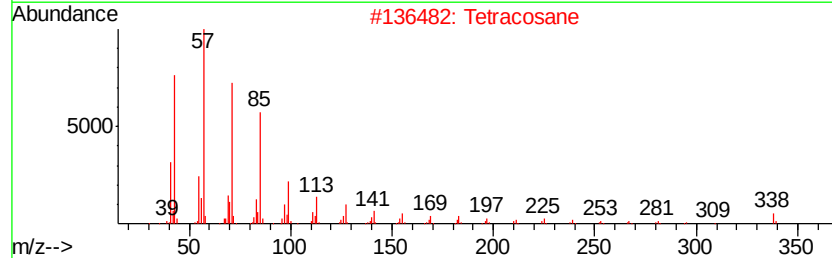
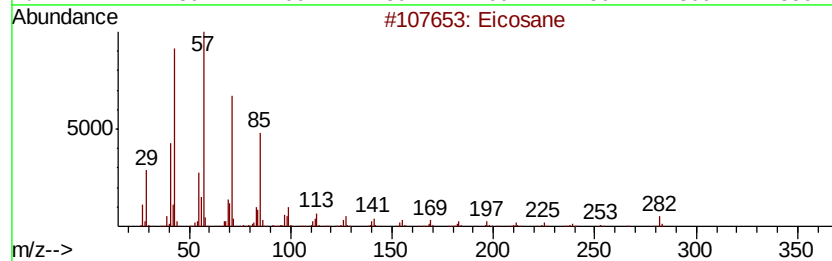
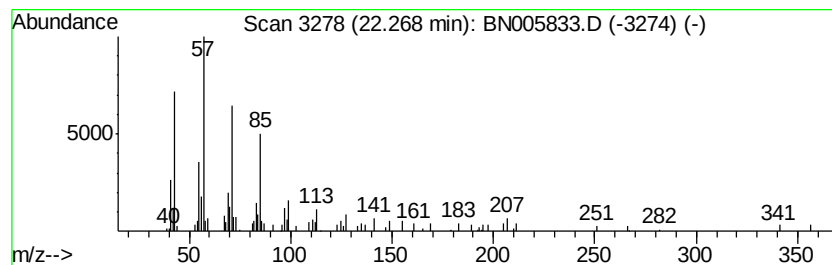
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.04 ng/ul	89843	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tetracosane	338	C24H50	000646-31-1	90
3		10-Methylnonadecane	282	C20H42	056862-62-5	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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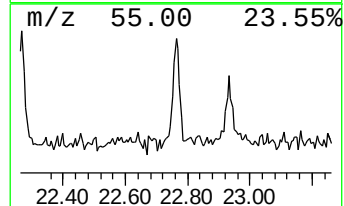
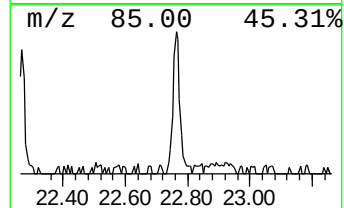
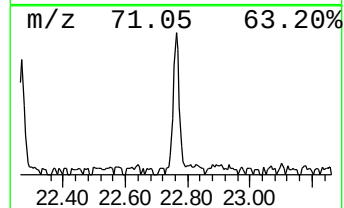
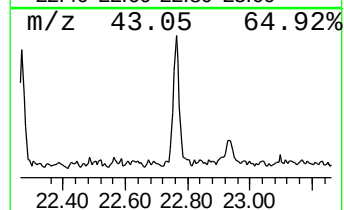
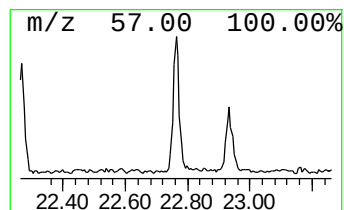
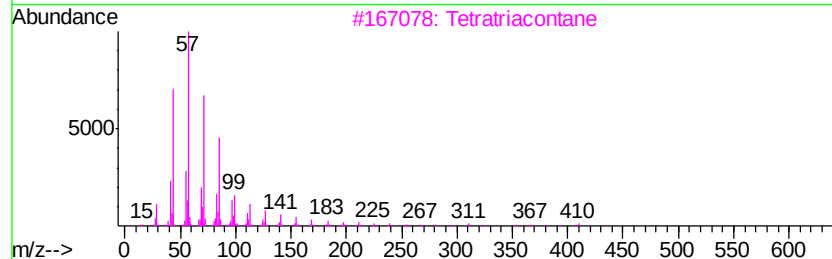
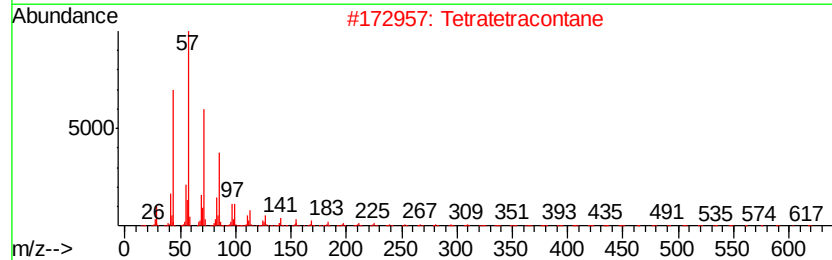
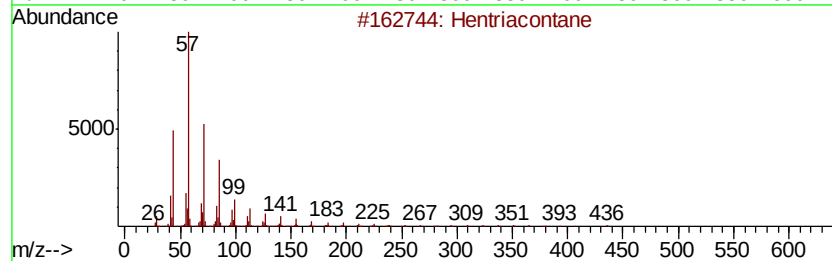
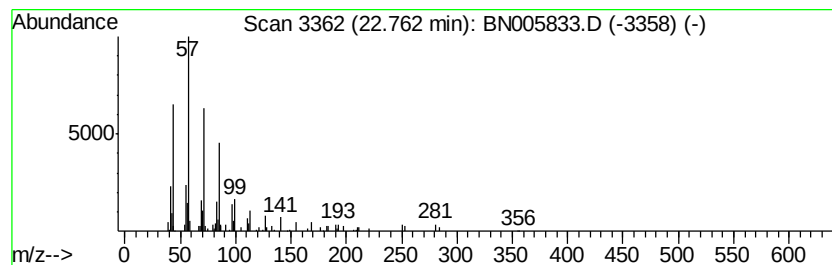
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	2.22 ng/ul	107054	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Heneicosane	296	C21H44	000629-94-7	90



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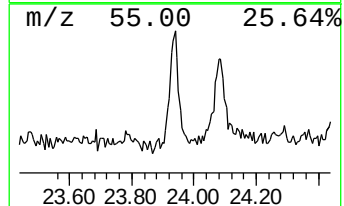
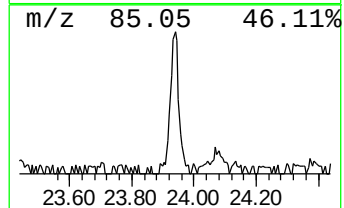
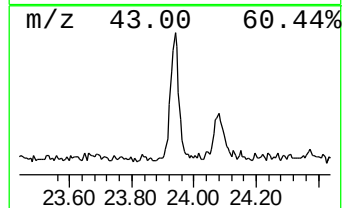
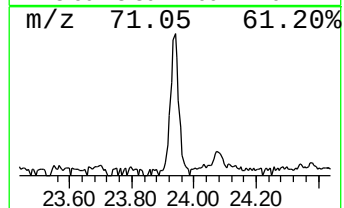
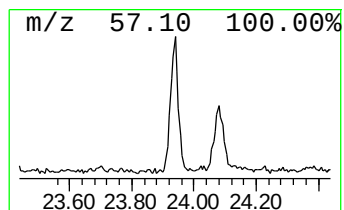
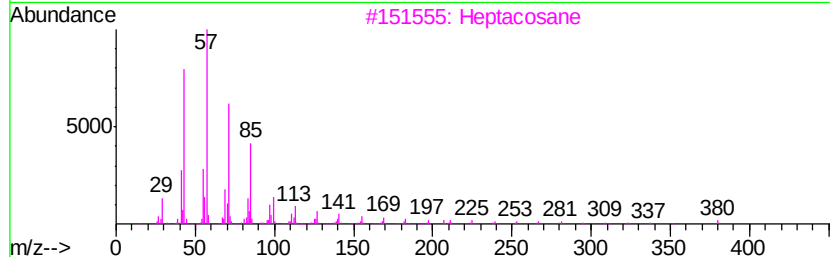
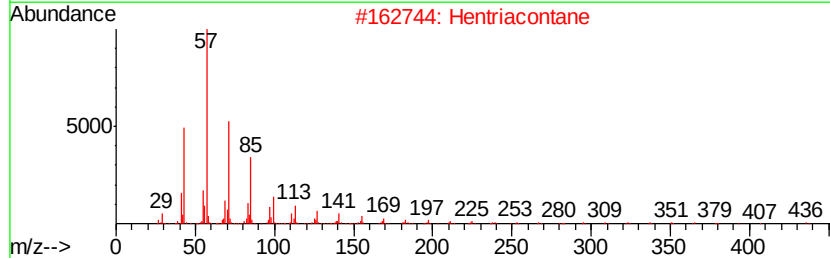
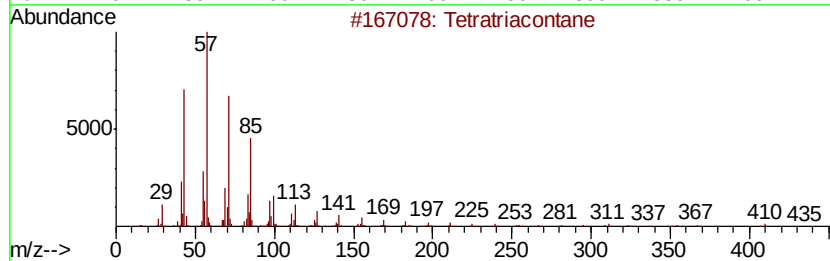
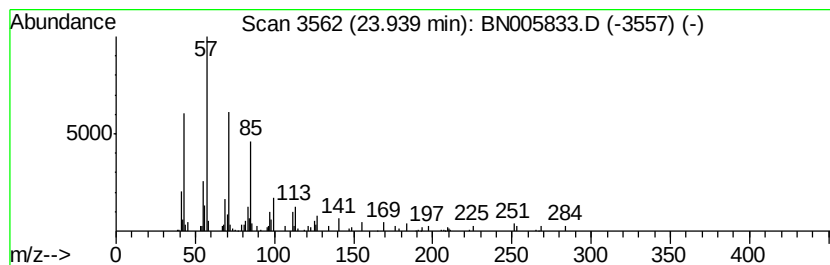
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.94	2.82 ng/ul	135650	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	87



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ClientSampleId :
BFHF5

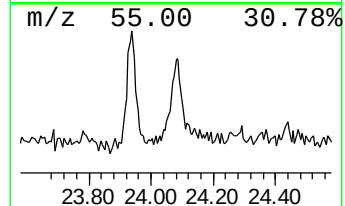
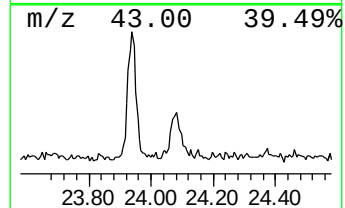
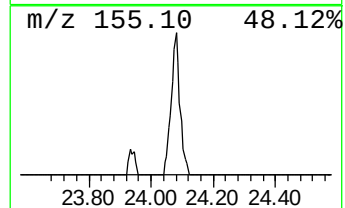
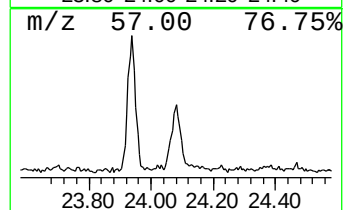
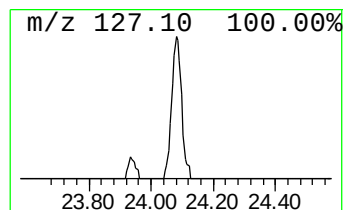
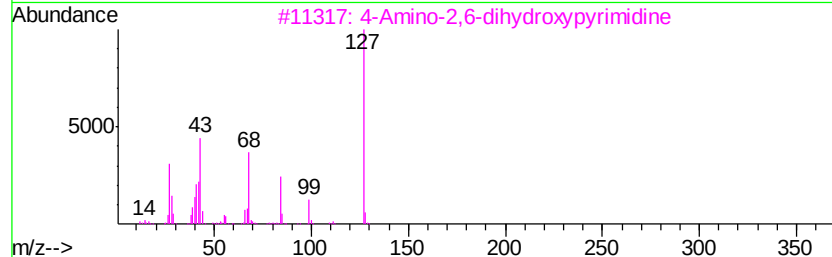
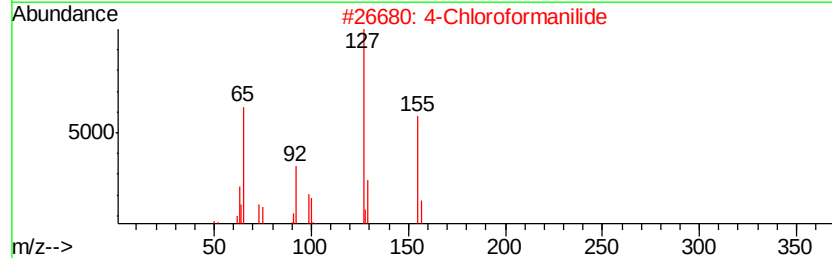
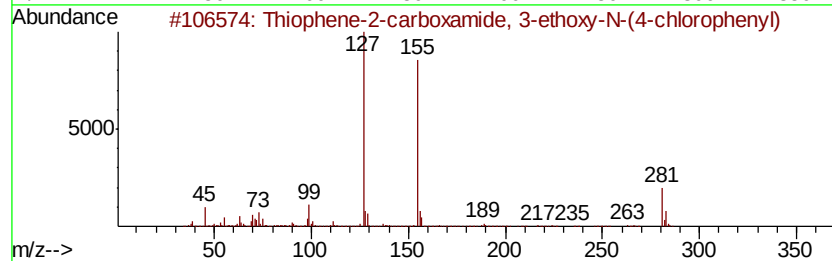
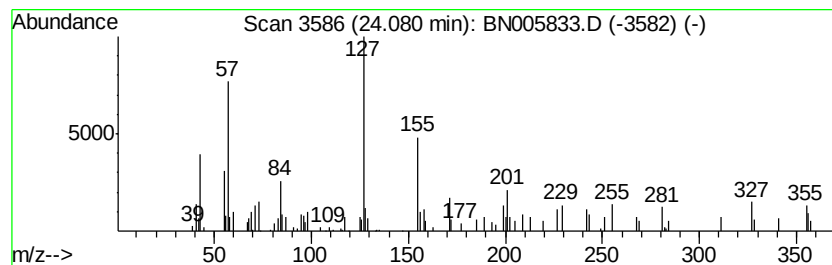
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.04 ng/ul	98467	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene-2-carboxamide, 3-ethox...	281	C13H12ClN02S	1000267-63-6	47
2		4-Chloroformanilide	155	C7H6ClNO	002617-79-0	43
3		4-Amino-2,6-dihydroxypvrimidine	127	C4H5N3O2	000873-83-6	35
4		4-Amino-2,6-dihydroxypvrimidine	127	C4H5N3O2	000873-83-6	35
5		5-Bromo-N-(4-chloro-phenyl)-2-cy...	422	C18H16BrClN2O3	1000275-08-5	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005833.D
Acq On : 21 May 2019 20:08
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHF5

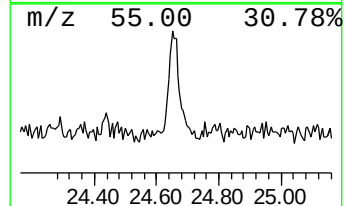
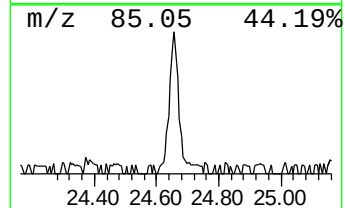
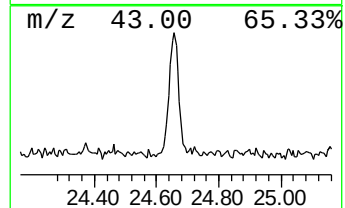
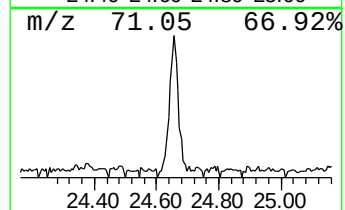
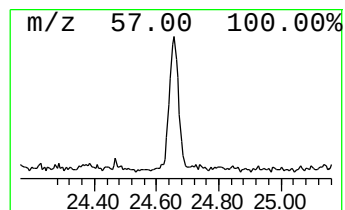
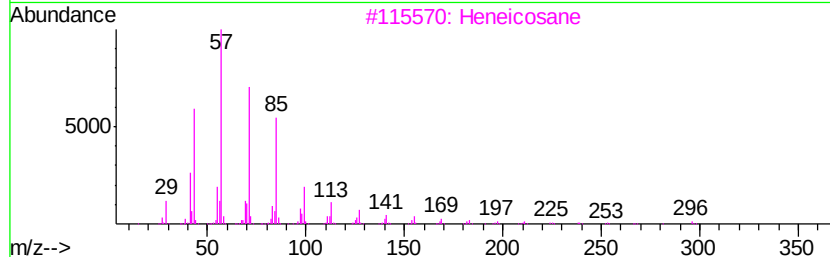
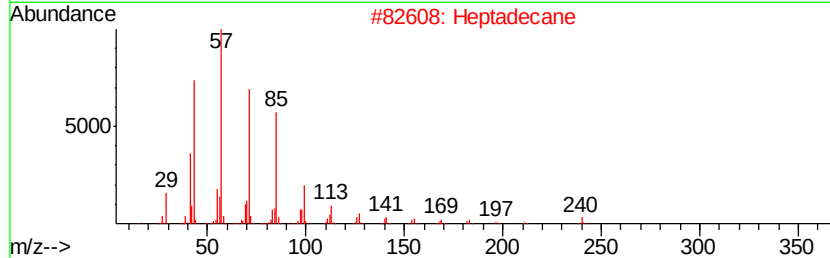
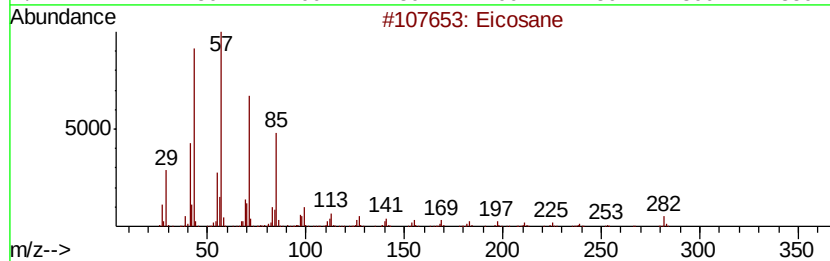
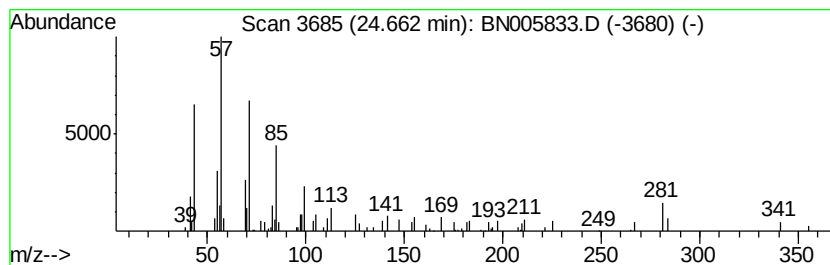
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.52 ng/ul	121638	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	74
2		Heptadecane	240	C17H36	000629-78-7	74
3		Heneicosane	296	C21H44	000629-94-7	74
4		Eicosane	282	C20H42	000112-95-8	72
5		Heptadecane	240	C17H36	000629-78-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052119\
Data File : BN005833.D
Acq On : 21 May 2019 20:08
Operator : JU/SJ
Sample : K2693-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFHF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	22.27	2.0	ng/ul	89843	5	21.22	880257	20.0
(DEL) Alkane: Str...	22.76	2.2	ng/ul	107054	6	23.43	963671	20.0
(DEL) Alkane: Str...	23.94	2.8	ng/ul	135650	6	23.43	963671	20.0
unknown-01	24.08	2.0	ng/ul	98467	6	23.43	963671	20.0
(DEL) Alkane: Str...	24.66	2.5	ng/ul	121638	6	23.43	963671	20.0