

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026937.D
 Acq On : 10 May 2017 14:18
 Operator : SJ/MA
 Sample : I2960-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC43

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.424	54	57	67	rVB2	41096	69070	1.74%	0.134%
2	4.182	180	186	200	rVB	1277462	2072954	52.20%	4.009%
3	7.184	690	697	715	rBV	656400	1334598	33.61%	2.581%
4	7.325	715	721	732	rVB	592144	976218	24.58%	1.888%
5	7.542	750	758	769	rBV	706389	1246544	31.39%	2.411%
6	8.007	828	837	847	rVB	506812	883342	22.24%	1.708%
7	8.718	950	958	982	rVB	896699	1678248	42.26%	3.245%
8	9.164	1025	1034	1049	rVV	683257	1242519	31.29%	2.403%
9	9.329	1056	1062	1066	rBV7	7303	11775	0.30%	0.023%
10	9.581	1100	1105	1111	rVB3	12590	21170	0.53%	0.041%
11	9.887	1149	1157	1169	rBV	564107	1030500	25.95%	1.993%
12	10.433	1242	1250	1273	rBV	849667	1647066	41.47%	3.185%
13	10.803	1301	1313	1328	rBV	838211	1512431	38.08%	2.925%
14	10.939	1328	1336	1355	rVV	570090	1152499	29.02%	2.229%
15	11.814	1475	1485	1490	rBV7	9878	22951	0.58%	0.044%
16	12.213	1548	1553	1559	rVB5	5504	8879	0.22%	0.017%
17	12.390	1577	1583	1589	rVV2	14968	27011	0.68%	0.052%
18	12.454	1589	1594	1600	rVB4	9692	14522	0.37%	0.028%
19	12.601	1614	1619	1626	rBV7	4461	8349	0.21%	0.016%
20	12.678	1626	1632	1636	rBV5	9935	18140	0.46%	0.035%
21	12.883	1664	1667	1674	rVB6	3938	8579	0.22%	0.017%
22	13.024	1683	1691	1694	rBV5	4850	11231	0.28%	0.022%
23	13.159	1710	1714	1718	rVB4	5733	10453	0.26%	0.020%
24	13.224	1718	1725	1734	rBV6	8099	19607	0.49%	0.038%
25	13.436	1752	1761	1766	rBV3	20651	35495	0.89%	0.069%
26	13.571	1779	1784	1796	rVB7	7148	22887	0.58%	0.044%
27	13.800	1816	1823	1832	rVB10	5228	15846	0.40%	0.031%
28	13.947	1842	1848	1852	rBV7	11150	24373	0.61%	0.047%
29	14.017	1852	1860	1864	rVV	1624477	2374211	59.78%	4.591%
30	14.064	1864	1868	1876	rVV	671354	958641	24.14%	1.854%
31	14.129	1876	1879	1884	rVB3	8429	11289	0.28%	0.022%
32	14.211	1890	1893	1898	rVB5	9175	12467	0.31%	0.024%
33	14.311	1898	1910	1923	rBV	2077326	3216731	81.00%	6.221%
34	14.505	1934	1943	1951	rVB2	56419	76653	1.93%	0.148%

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35	14.617	1951	1962	1975	rVV2	1264424	1996764	50.28%	3.861%
36	14.775	1983	1989	1993	rVB7	4650	9472	0.24%	0.018%
37	14.834	1993	1999	2015	rBV	375778	963127	24.25%	1.863%
38	15.004	2024	2028	2034	rVV9	10444	21129	0.53%	0.041%
39	15.057	2034	2037	2040	rVB5	6490	8508	0.21%	0.016%
40	15.122	2044	2048	2054	rVB3	13495	20763	0.52%	0.040%
41	15.186	2054	2059	2064	rVB6	11505	17511	0.44%	0.034%
42	15.239	2064	2068	2072	rBV6	7599	10782	0.27%	0.021%
43	15.339	2079	2085	2090	rBV9	4802	8726	0.22%	0.017%
44	15.404	2090	2096	2098	rBV7	10876	19760	0.50%	0.038%
45	15.451	2098	2104	2110	rVB	80749	109323	2.75%	0.211%
46	15.604	2121	2130	2143	rVB	2387099	3677776	92.61%	7.112%
47	15.727	2145	2151	2163	rBV	469313	734927	18.51%	1.421%
48	15.845	2163	2171	2177	rBV3	49806	99552	2.51%	0.193%
49	15.950	2184	2189	2195	rVB7	13151	20395	0.51%	0.039%
50	16.003	2195	2198	2204	rBV3	12315	17526	0.44%	0.034%
51	16.068	2204	2209	2213	rBV4	12690	19767	0.50%	0.038%
52	16.185	2221	2229	2230	rBV8	6088	12888	0.32%	0.025%
53	16.309	2242	2250	2258	rBV	77647	149498	3.76%	0.289%
54	16.649	2302	2308	2312	rBV5	11826	20917	0.53%	0.040%
55	16.708	2316	2318	2322	rVV5	8142	8373	0.21%	0.016%
56	16.755	2322	2326	2332	rVV8	9732	17663	0.44%	0.034%
57	16.808	2332	2335	2340	rVB5	6172	9942	0.25%	0.019%
58	16.884	2344	2348	2358	rBV5	8129	23256	0.59%	0.045%
59	17.096	2378	2384	2388	rBV	36696	50393	1.27%	0.097%
60	17.149	2388	2393	2405	rVB8	15526	38097	0.96%	0.074%
61	17.355	2418	2428	2438	rBV2	1343411	2146648	54.05%	4.151%
62	17.449	2438	2444	2460	rVB2	2395859	3739870	94.17%	7.232%
63	17.760	2493	2497	2504	rVB9	7385	15114	0.38%	0.029%
64	17.836	2504	2510	2514	rBV6	15415	22252	0.56%	0.043%
65	18.007	2533	2539	2545	rVB10	5823	11757	0.30%	0.023%
66	18.236	2570	2578	2593	rBV2	191703	434530	10.94%	0.840%
67	18.424	2605	2610	2622	rVB2	17155	51965	1.31%	0.100%
68	18.518	2622	2626	2629	rBV2	15192	21598	0.54%	0.042%
69	18.641	2645	2647	2654	rVB7	9854	16206	0.41%	0.031%
70	18.724	2654	2661	2666	rVV10	8975	19661	0.50%	0.038%
71	18.771	2666	2669	2674	rVB7	8860	10322	0.26%	0.020%

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72	18.964	2700	2702	2708	rVB7	8468	11945	0.30%	0.023%
73	19.011	2708	2710	2715	rBV6	6173	9530	0.24%	0.018%
74	19.147	2724	2733	2737	rBV2	62159	87227	2.20%	0.169%
75	19.282	2752	2756	2763	rVB10	10728	25281	0.64%	0.049%
76	19.399	2765	2776	2784	rBV2	97968	206892	5.21%	0.400%
77	19.499	2784	2793	2803	rBV4	84415	191275	4.82%	0.370%
78	19.622	2810	2814	2820	rVB	33770	62972	1.59%	0.122%
79	19.734	2826	2833	2847	rBV	2669028	3971253	100.00%	7.680%
80	19.928	2862	2866	2867	rBV4	8850	9964	0.25%	0.019%
81	20.251	2910	2921	2926	rBV	125532	162215	4.08%	0.314%
82	20.316	2929	2932	2934	rBV4	9158	9002	0.23%	0.017%
83	20.351	2934	2938	2941	rVV6	11665	20665	0.52%	0.040%
84	20.698	2995	2997	3000	rVB4	13423	14776	0.37%	0.029%
85	20.745	3000	3005	3007	rBV3	29748	40689	1.02%	0.079%
86	21.232	3085	3088	3093	rVB	68172	86083	2.17%	0.166%
87	21.597	3142	3150	3164	rVB	1367686	2219601	55.89%	4.292%
88	22.366	3275	3281	3284	rBV	80500	136217	3.43%	0.263%
89	22.419	3285	3290	3299	rVB10	63585	155168	3.91%	0.300%
90	23.030	3391	3394	3404	rVB4	43714	85958	2.16%	0.166%
91	23.224	3423	3427	3433	rVB8	27569	51212	1.29%	0.099%
92	23.759	3512	3518	3521	rBV6	24473	51844	1.31%	0.100%
93	23.818	3521	3528	3541	rVB	179134	409683	10.32%	0.792%
94	24.017	3558	3562	3568	rVB9	19011	36239	0.91%	0.070%
95	24.546	3641	3652	3675	rVB2	1338586	3960889	99.74%	7.660%
96	24.758	3677	3688	3707	rVB2	762242	2323756	58.51%	4.494%
97	25.839	3863	3872	3884	rBV3	130883	411778	10.37%	0.796%
98	27.155	4086	4096	4106	rBV2	63632	226151	5.69%	0.437%
99	28.747	4356	4367	4378	rVB3	47248	197076	4.96%	0.381%
100	31.432	4815	4824	4837	rVB3	36308	180990	4.56%	0.350%

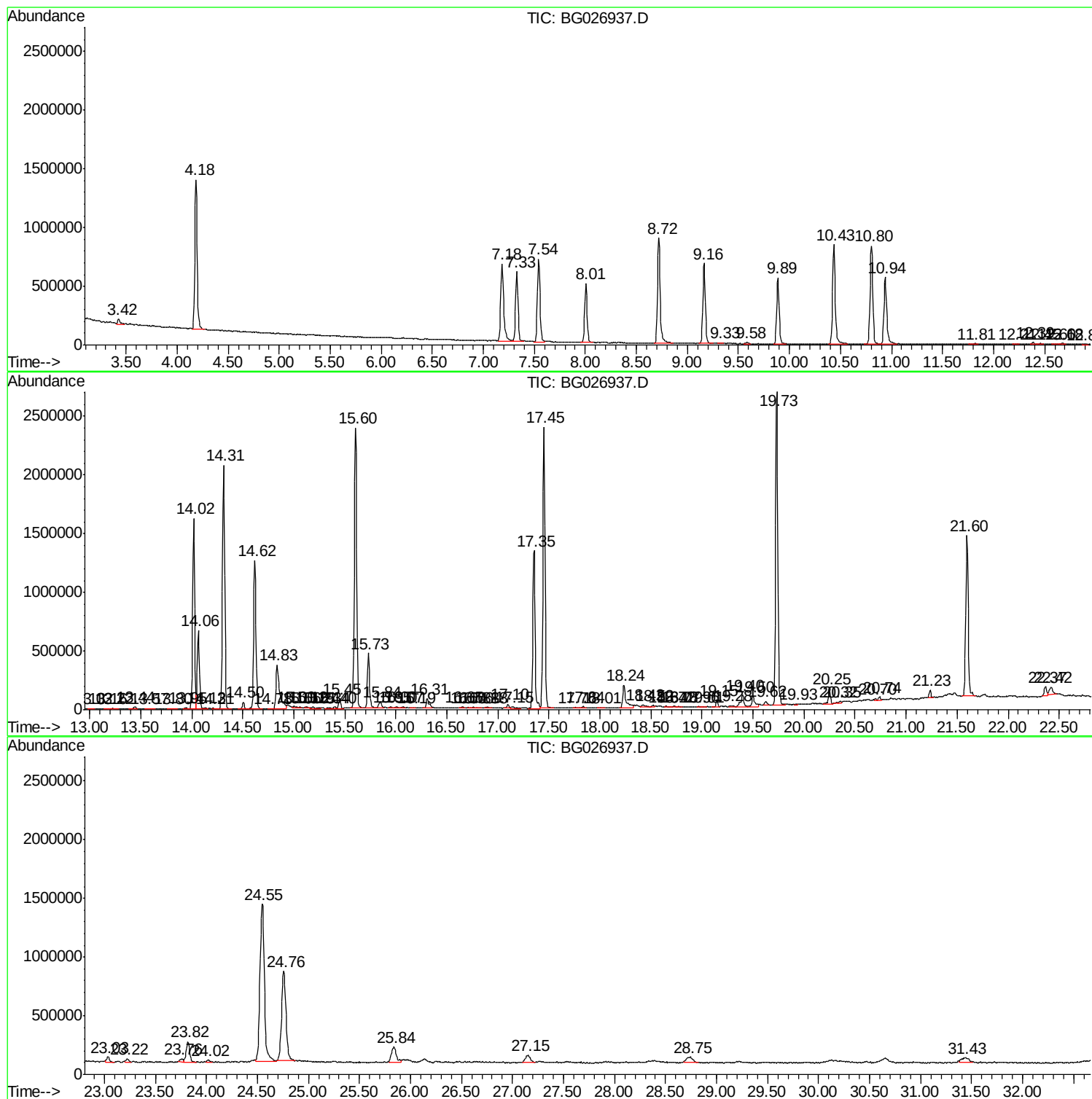
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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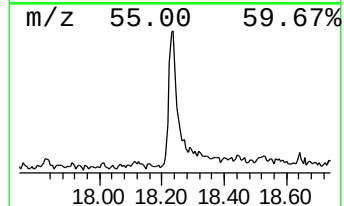
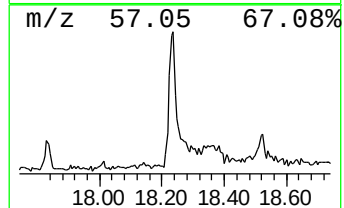
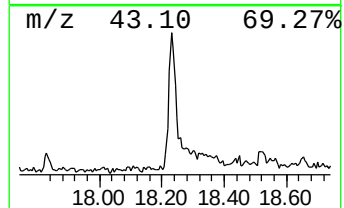
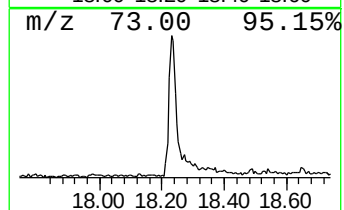
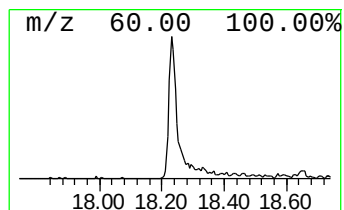
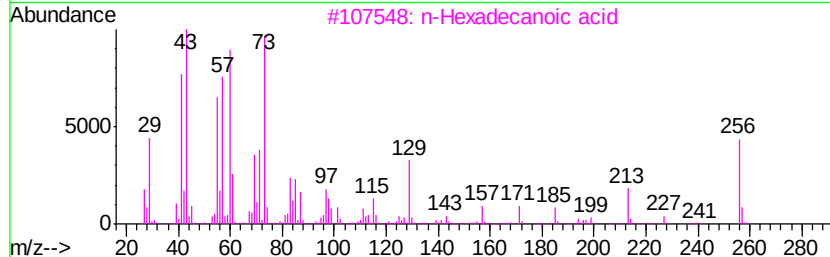
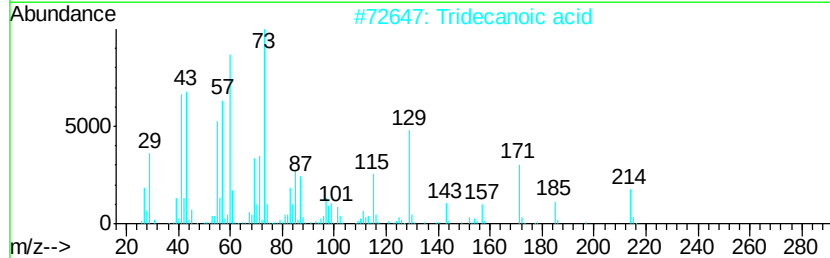
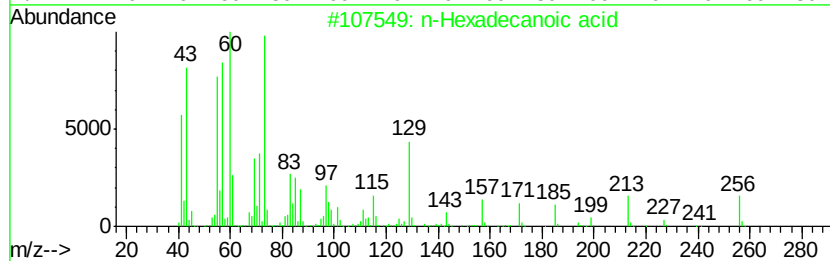
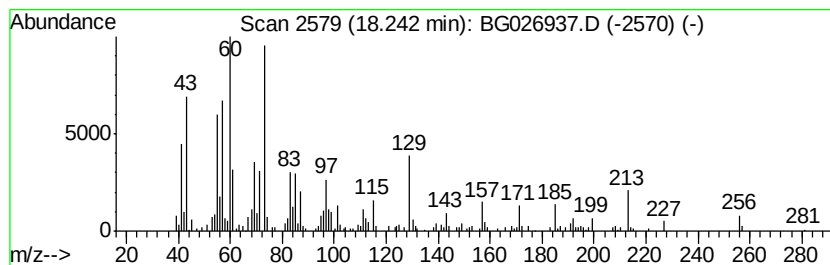
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.24	4.05 ng/ul	434530	Phenanthrene-d10	17.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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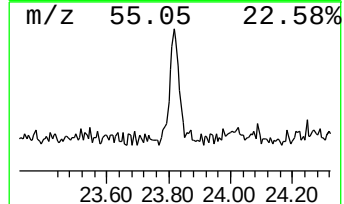
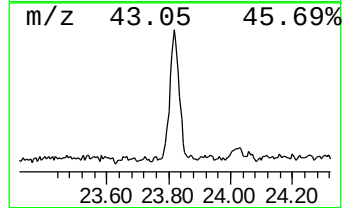
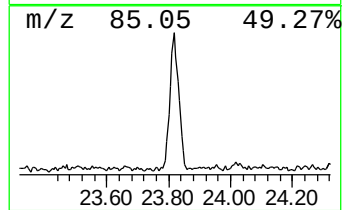
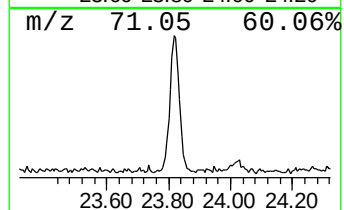
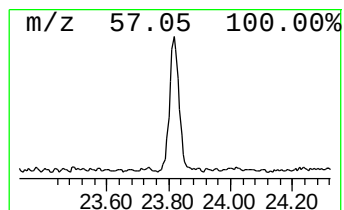
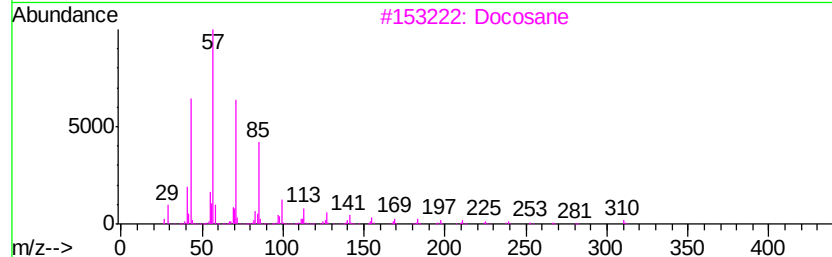
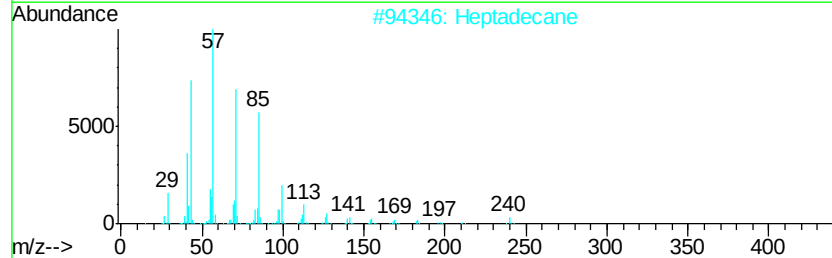
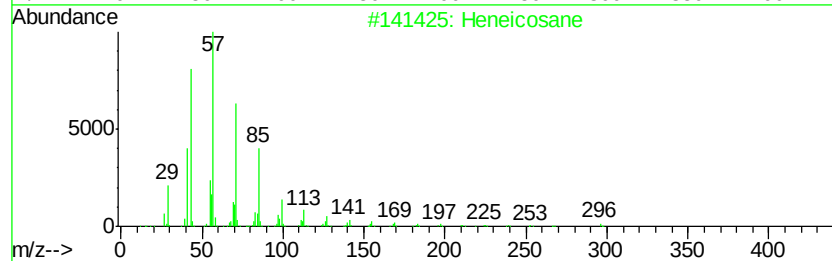
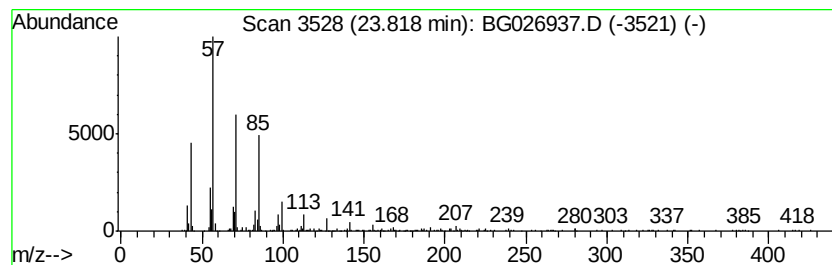
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
23.82	3.53 ng/ul	409683	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	80
2		Heptadecane	240	C17H36	000629-78-7	80
3		Docosane	310	C22H46	000629-97-0	80
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5		Hentriacontane	437	C31H64	000630-04-6	62



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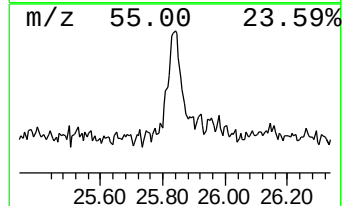
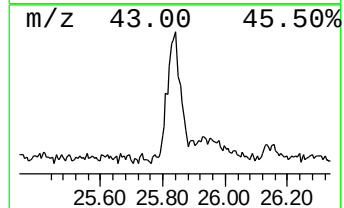
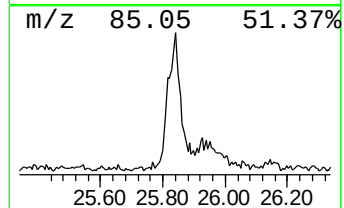
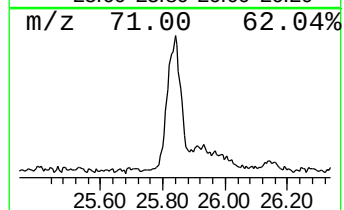
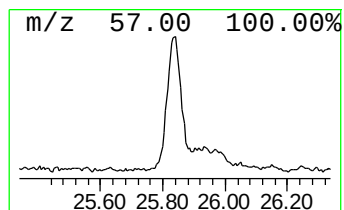
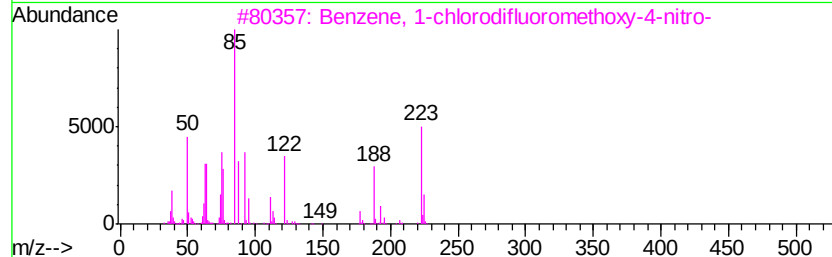
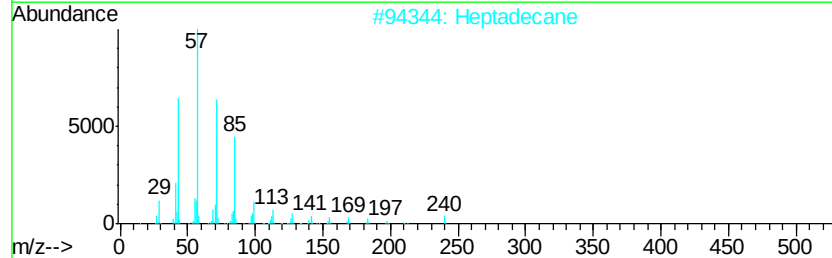
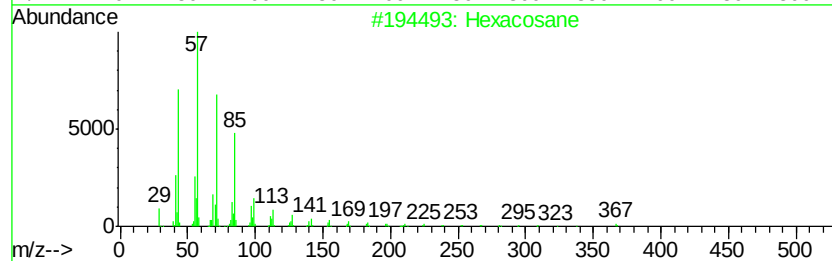
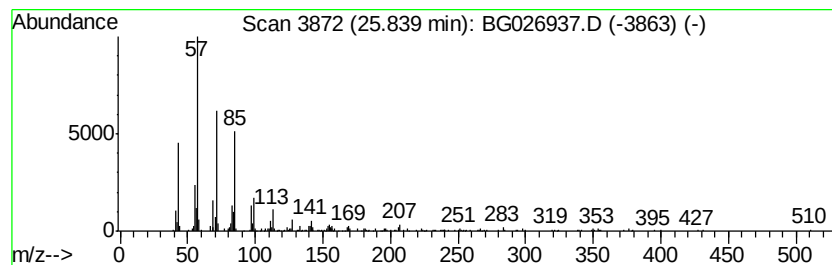
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	3.54 ng/ul	411778	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Benzene, 1-chlorodifluoromethoxy...	223	C7H4ClF2NO3	040750-71-8	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	87



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Sample : I2960-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC43

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
n-Hexadecanoic acid	18.24	4.0	ng/ul	434530	4	17.35	2146650	20.0
(DEL) Alkane: Str...	23.82	3.5	ng/ul	409683	6	24.76	2323760	20.0
(DEL) Alkane: Str...	25.84	3.5	ng/ul	411778	6	24.76	2323760	20.0