

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027495.D
 Acq On : 17 Jun 2017 6:37
 Operator : SJ/MA
 Sample : I3600-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5A12

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-BG061617.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	4.078	28	32	42	rVB2	12979	21628	1.45%	0.132%
2	4.783	149	152	158	rVB4	1211	2393	0.16%	0.015%
3	6.557	448	454	457	rBV5	1080	1893	0.13%	0.012%
4	6.739	477	485	487	rBV5	1795	2727	0.18%	0.017%
5	7.456	602	607	614	rBV6	3107	5784	0.39%	0.035%
6	7.550	616	623	628	rVB4	1071	2126	0.14%	0.013%
7	7.656	633	641	656	rVB	41989	83604	5.62%	0.509%
8	7.832	662	671	680	rBV	149306	261147	17.56%	1.591%
9	8.049	698	708	717	rBV	143413	268967	18.08%	1.639%
10	8.279	743	747	754	rBV3	1171	3247	0.22%	0.020%
11	8.519	781	788	798	rBV	188448	338139	22.73%	2.060%
12	8.907	851	854	860	rVB5	1030	1918	0.13%	0.012%
13	9.195	894	903	914	rVB2	111624	204916	13.78%	1.249%
14	9.683	974	986	1004	rBV	180304	349548	23.50%	2.130%
15	9.812	1004	1008	1014	rBV4	1838	3573	0.24%	0.022%
16	10.405	1101	1109	1121	rBV	149784	283292	19.04%	1.726%
17	10.605	1140	1143	1150	rBV4	898	1930	0.13%	0.012%
18	10.946	1191	1201	1212	rVB	217402	416349	27.99%	2.537%
19	11.058	1215	1220	1224	rVB4	1149	1945	0.13%	0.012%
20	11.340	1259	1268	1280	rVB	295200	559126	37.59%	3.407%
21	11.469	1283	1290	1298	rBV7	2387	5224	0.35%	0.032%
22	11.992	1375	1379	1383	rBV3	1445	2525	0.17%	0.015%
23	12.585	1476	1480	1487	rVB2	1800	2687	0.18%	0.016%
24	12.767	1505	1511	1514	rVB5	1720	3597	0.24%	0.022%
25	12.885	1524	1531	1537	rVB5	3243	5331	0.36%	0.032%
26	13.067	1557	1562	1568	rBV2	4478	6872	0.46%	0.042%
27	13.467	1622	1630	1635	rVB6	3213	5800	0.39%	0.035%
28	13.702	1662	1670	1677	rBV4	4919	8795	0.59%	0.054%
29	13.749	1677	1678	1685	rVB4	979	1864	0.13%	0.011%
30	13.801	1685	1687	1695	rBV3	1193	2240	0.15%	0.014%
31	13.978	1710	1717	1721	rVB5	1395	3133	0.21%	0.019%
32	14.489	1795	1804	1809	rBV	500967	763603	51.33%	4.653%
33	14.536	1809	1812	1825	rVV	125381	184225	12.38%	1.123%
34	14.800	1847	1857	1869	rBV	503075	820107	55.13%	4.997%

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35	14.959	1877	1884	1890	rVB5	1790	4122	0.28%	0.025%
36	15.106	1900	1909	1918	rBV2	499237	832365	55.96%	5.072%
37	15.276	1930	1938	1951	rVB2	42595	81641	5.49%	0.497%
38	15.464	1964	1970	1973	rBV5	3594	4991	0.34%	0.030%
39	15.864	2034	2038	2040	rBV3	3081	3080	0.21%	0.019%
40	15.905	2040	2045	2050	rVB3	5750	9226	0.62%	0.056%
41	15.952	2050	2053	2060	rBV5	1460	3481	0.23%	0.021%
42	16.093	2063	2077	2086	rBV	702224	1116759	75.08%	6.805%
43	16.193	2086	2094	2103	rBV	255427	397858	26.75%	2.424%
44	16.252	2103	2104	2108	rVV4	2273	2263	0.15%	0.014%
45	16.328	2108	2117	2123	rVB8	6677	15024	1.01%	0.092%
46	16.616	2163	2166	2168	rBV4	1395	1959	0.13%	0.012%
47	16.769	2185	2192	2208	rVB2	14078	32560	2.19%	0.198%
48	16.957	2220	2224	2229	rBV7	2244	3316	0.22%	0.020%
49	17.109	2243	2250	2255	rVV7	2127	4845	0.33%	0.030%
50	17.162	2255	2259	2262	rVV6	1313	2644	0.18%	0.016%
51	17.198	2262	2265	2275	rVV8	4824	12811	0.86%	0.078%
52	17.280	2275	2279	2281	rVB4	1102	1800	0.12%	0.011%
53	17.409	2297	2301	2302	rBV4	2502	2025	0.14%	0.012%
54	17.556	2321	2326	2330	rVB3	8419	11413	0.77%	0.070%
55	17.615	2331	2336	2338	rVV6	2625	3696	0.25%	0.023%
56	17.656	2338	2343	2346	rVV5	2414	3501	0.24%	0.021%
57	17.856	2370	2377	2386	rBV2	679885	1075835	72.32%	6.556%
58	17.955	2386	2394	2403	rVV	779741	1255194	84.38%	7.649%
59	18.026	2403	2406	2414	rVB8	2751	5971	0.40%	0.036%
60	18.096	2414	2418	2419	rBV4	2366	3042	0.20%	0.019%
61	18.302	2447	2453	2459	rVB7	4773	7499	0.50%	0.046%
62	18.425	2472	2474	2477	rBV4	1599	1903	0.13%	0.012%
63	18.472	2481	2482	2487	rBV5	1825	1883	0.13%	0.011%
64	18.537	2490	2493	2496	rBV4	1626	1839	0.12%	0.011%
65	18.572	2496	2499	2504	rVV6	3927	5979	0.40%	0.036%
66	18.619	2504	2507	2511	rVB5	1702	2530	0.17%	0.015%
67	18.696	2513	2520	2546	rBV	112567	244604	16.44%	1.490%
68	18.925	2556	2559	2562	rBV5	3024	4950	0.33%	0.030%
69	19.025	2573	2576	2577	rBV3	2114	1945	0.13%	0.012%
70	19.060	2578	2582	2589	rVB9	4586	7393	0.50%	0.045%
71	19.154	2595	2598	2604	rBV7	1937	4278	0.29%	0.026%

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72	19.225	2604	2610	2612	rBV7	1921	4289	0.29%	0.026%
73	19.348	2626	2631	2637	rVB8	5486	8004	0.54%	0.049%
74	19.471	2651	2652	2658	rVV6	2312	3661	0.25%	0.022%
75	19.524	2659	2661	2664	rVB4	2937	2328	0.16%	0.014%
76	19.554	2664	2666	2669	rBV4	2186	2618	0.18%	0.016%
77	19.648	2680	2682	2687	rVB6	1950	2580	0.17%	0.016%
78	19.689	2687	2689	2691	rBV3	2365	2189	0.15%	0.013%
79	19.765	2695	2702	2705	rBV8	2875	7194	0.48%	0.044%
80	19.841	2705	2715	2726	rVV8	21428	79715	5.36%	0.486%
81	19.953	2727	2734	2756	rVV	164489	329111	22.12%	2.005%
82	20.112	2756	2761	2766	rVB6	11828	22987	1.55%	0.140%
83	20.223	2772	2780	2793	rBV2	970296	1487512	100.00%	9.064%
84	20.488	2824	2825	2828	rBV2	3734	2800	0.19%	0.017%
85	20.535	2829	2833	2836	rVV5	4003	5849	0.39%	0.036%
86	21.222	2948	2950	2955	rVB6	6301	7552	0.51%	0.046%
87	21.792	3042	3047	3052	rBV9	9682	23057	1.55%	0.140%
88	22.057	3091	3092	3100	rVB8	7706	9159	0.62%	0.056%
89	22.233	3113	3122	3130	rBV	635622	1212730	81.53%	7.390%
90	23.073	3260	3265	3270	rBV5	10694	21247	1.43%	0.129%
91	23.854	3392	3398	3405	rVB3	20689	42604	2.86%	0.260%
92	24.084	3430	3437	3447	rVB	58899	124493	8.37%	0.759%
93	24.777	3546	3555	3563	rBV4	33687	75322	5.06%	0.459%
94	25.112	3608	3612	3617	rVB7	6491	9482	0.64%	0.058%
95	25.635	3687	3701	3715	rBV2	433216	1412630	94.97%	8.608%
96	25.887	3731	3744	3757	rVB	368693	1289750	86.71%	7.859%
97	27.156	3950	3960	3972	rVB2	40024	132739	8.92%	0.809%
98	28.719	4215	4226	4237	rVB3	38102	147612	9.92%	0.899%
99	30.594	4536	4545	4564	rVB7	26592	126661	8.51%	0.772%
100	32.109	4801	4803	4808	rBV6	5570	8552	0.57%	0.052%

Sum of corrected areas: 16410907

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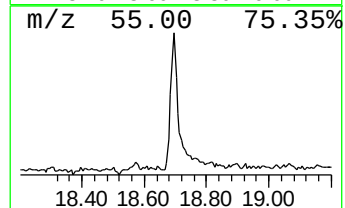
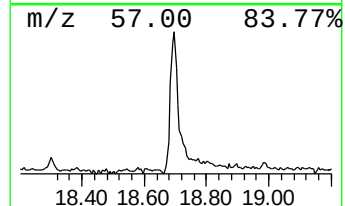
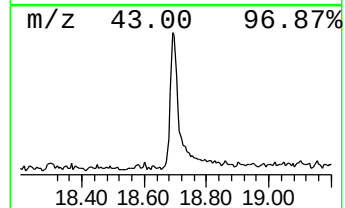
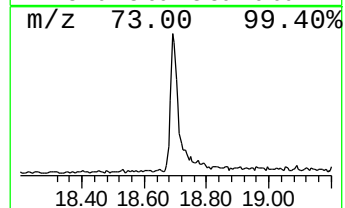
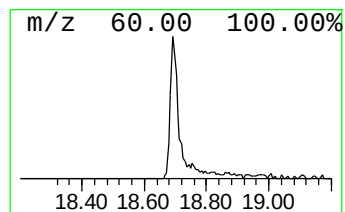
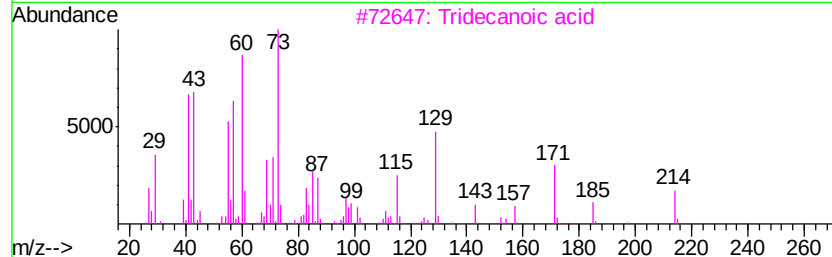
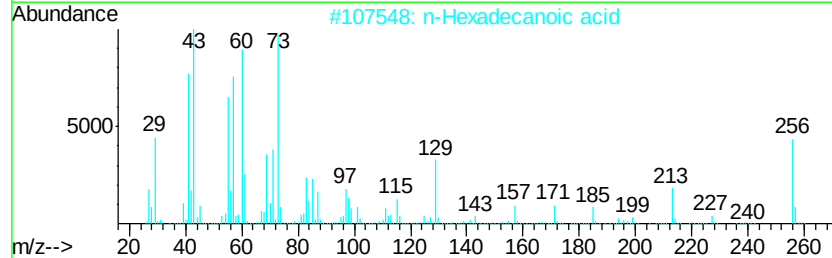
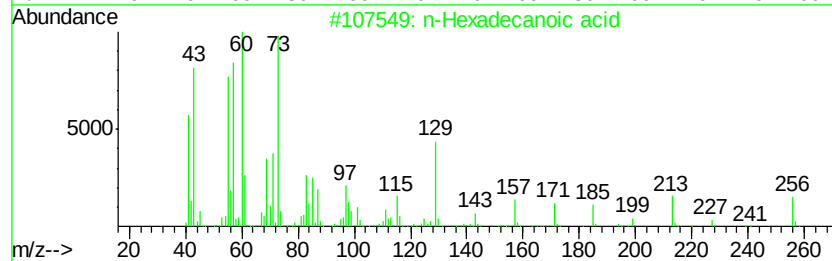
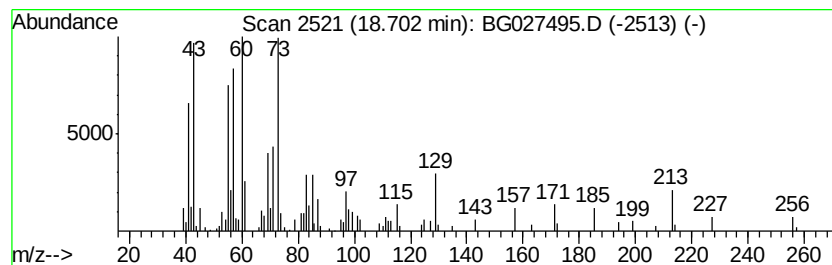
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.70	4.55 ng/ul	244604	Phenanthrene-d10	17.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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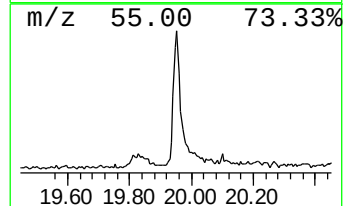
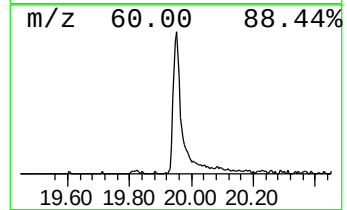
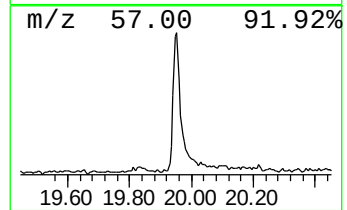
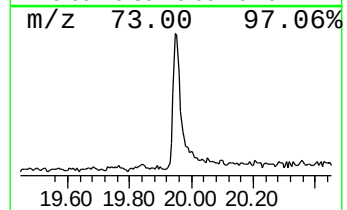
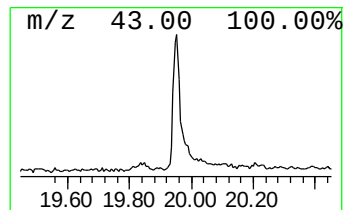
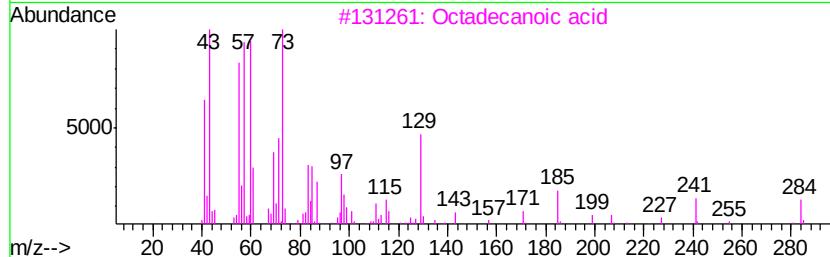
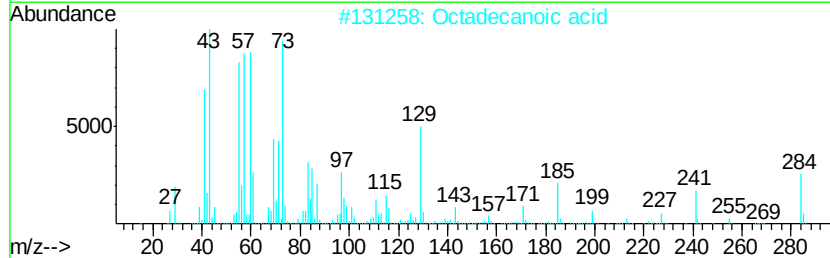
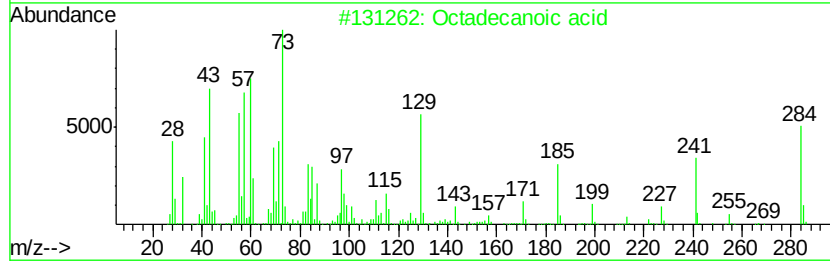
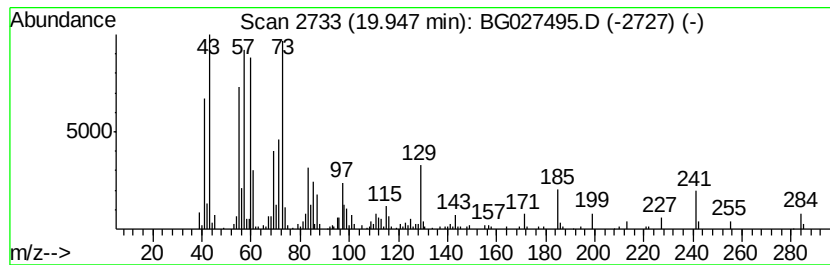
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	6.12 ng/ul	329111	Phenanthrene-d10	17.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	97
3			Octadecanoic acid	284	C18H36O2	000057-11-4	97
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	86



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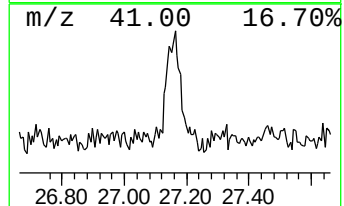
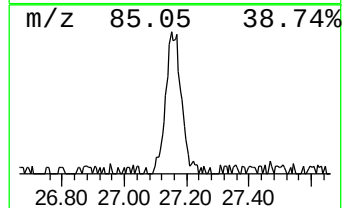
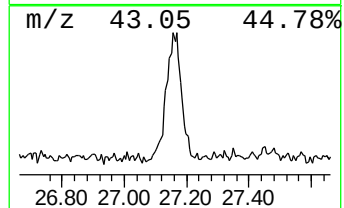
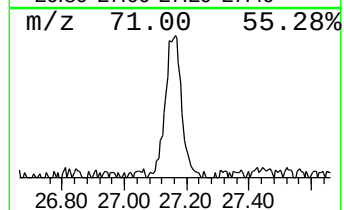
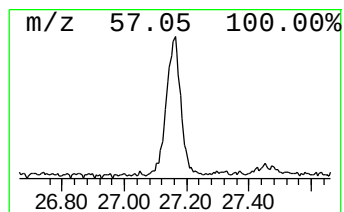
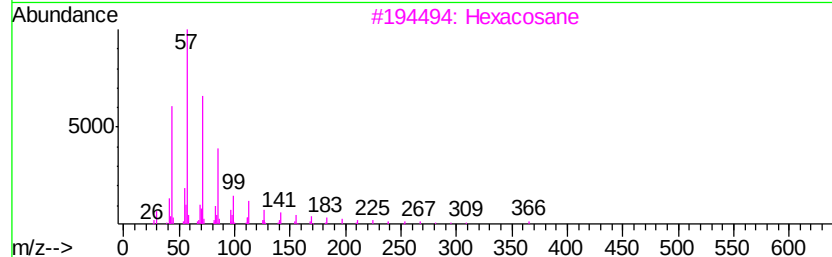
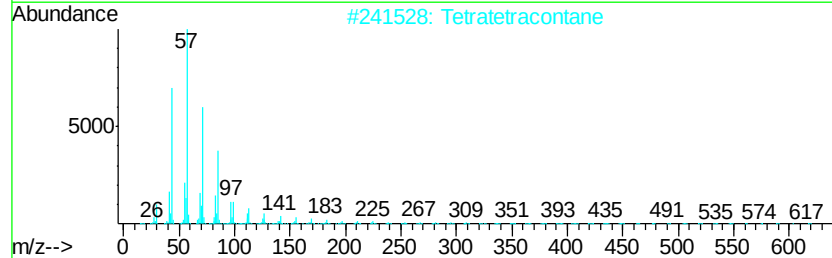
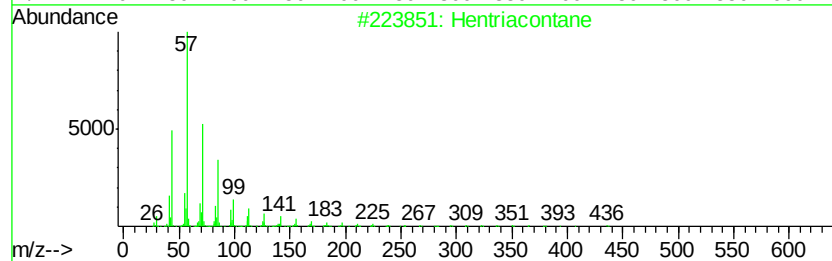
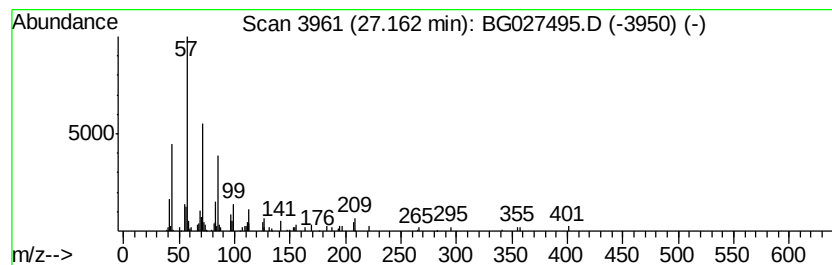
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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.
27.16	2.06 ng/ul	132739	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	83
2		Tetratetracontane	619	C44H90	007098-22-8	83
3		Hexacosane	366	C26H54	000630-01-3	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Octadecane	254	C18H38	000593-45-3	80



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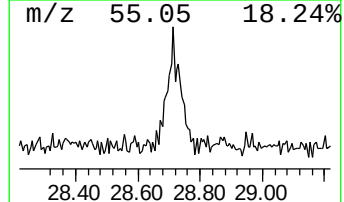
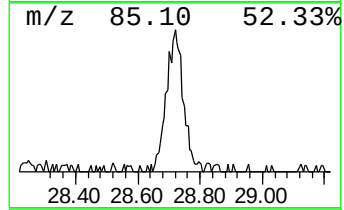
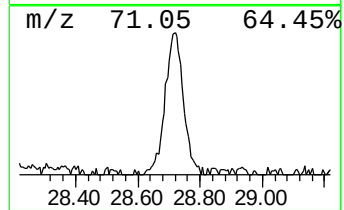
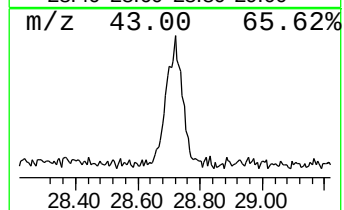
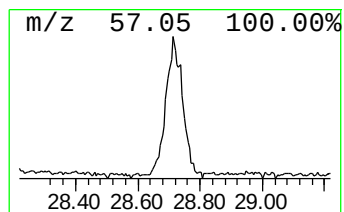
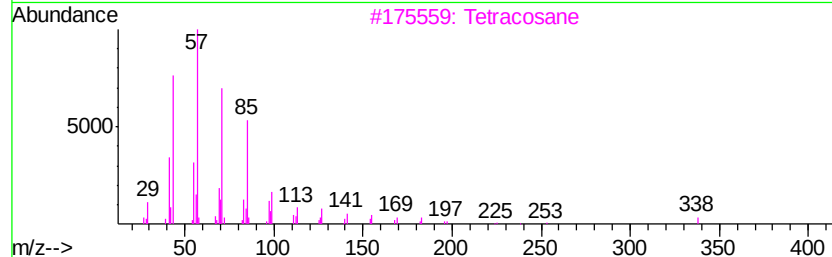
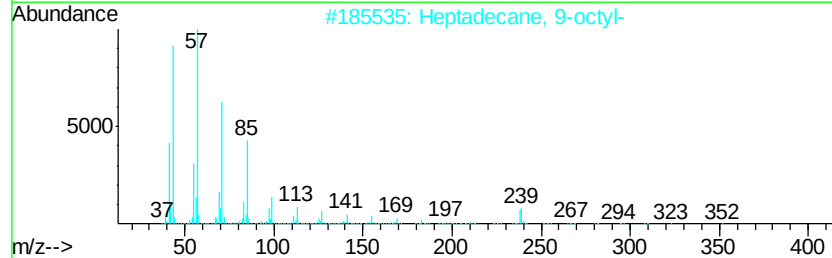
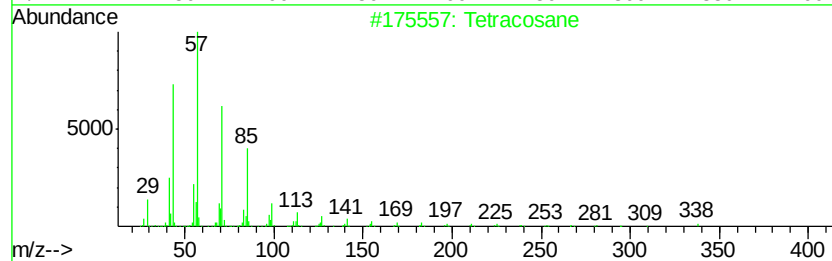
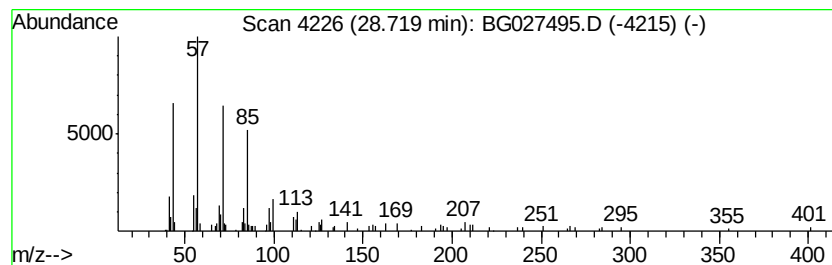
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.72	2.29 ng/ul	147612	Perylene-d12	25.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Docosane	310	C22H46	000629-97-0	83
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027495.D
Acq On : 17 Jun 2017 6:37
Operator : SJ/MA
Sample : I3600-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	18.70	4.5	ng/ul	244604	4	17.86	1075840	20.0
Octadecanoic acid	19.95	6.1	ng/ul	329111	4	17.86	1075840	20.0
(DEL) Alkane: Str...	27.16	2.1	ng/ul	132739	6	25.89	1289750	20.0
(DEL) Alkane: Str...	28.72	2.3	ng/ul	147612	6	25.89	1289750	20.0