

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG0828530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

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-BG080217.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	3.737	22	25	32	rVB7	5231	8294	0.45%	0.042%
2	3.825	32	40	48	rBV4	12602	27160	1.47%	0.138%
3	4.325	120	125	132	rVB3	13578	22009	1.19%	0.112%
4	4.442	143	145	154	rVB7	4527	6907	0.37%	0.035%
5	4.548	157	163	170	rVB7	4027	8615	0.47%	0.044%
6	4.883	212	220	223	rBV6	4335	9402	0.51%	0.048%
7	5.453	308	317	321	rBV3	6509	13295	0.72%	0.067%
8	5.541	326	332	340	rVB6	3988	8941	0.48%	0.045%
9	5.800	368	376	381	rVB6	2318	5811	0.31%	0.029%
10	5.858	381	386	390	rVV3	2366	5572	0.30%	0.028%
11	5.905	390	394	401	rVB2	3905	6986	0.38%	0.035%
12	5.988	401	408	420	rBV4	9717	29486	1.60%	0.150%
13	6.346	463	469	478	rVV8	4014	11696	0.63%	0.059%
14	6.975	569	576	583	rBV5	3769	6773	0.37%	0.034%
15	7.298	629	631	637	rVV3	3599	5582	0.30%	0.028%
16	7.421	645	652	656	rVV3	6632	12056	0.65%	0.061%
17	7.492	656	664	680	rVB	260999	539544	29.22%	2.737%
18	7.656	684	692	700	rBV	185301	315915	17.11%	1.603%
19	7.874	717	729	737	rBV	260240	470055	25.45%	2.385%
20	7.973	742	746	755	rVB4	8141	14234	0.77%	0.072%
21	8.132	762	773	777	rBV4	2558	6069	0.33%	0.031%
22	8.338	801	808	820	rVB	186778	332456	18.00%	1.687%
23	8.708	862	871	879	rVB5	2276	5597	0.30%	0.028%
24	8.966	909	915	920	rBV3	6760	11358	0.62%	0.058%
25	9.037	920	927	941	rVV	320000	585255	31.69%	2.969%
26	9.442	984	996	999	rBV5	4653	11010	0.60%	0.056%
27	9.507	999	1007	1021	rBV	256341	492650	26.68%	2.500%
28	10.030	1090	1096	1101	rBV4	3010	6687	0.36%	0.034%
29	10.230	1121	1130	1144	rVB	220537	425107	23.02%	2.157%
30	10.453	1162	1168	1178	rVV6	16042	36967	2.00%	0.188%
31	10.541	1178	1183	1188	rVB6	3728	6967	0.38%	0.035%
32	10.776	1211	1223	1240	rVB	333486	639730	34.64%	3.246%
33	11.082	1268	1275	1280	rBV4	8895	15155	0.82%	0.077%
34	11.158	1280	1288	1302	rVB	258931	484920	26.26%	2.460%

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Integration Parameters: LSCINT.P

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35	11.287	1302	1310	1325	rBV	196263	397332	21.52%	2.016%
36	12.133	1444	1454	1457	rVB6	7393	14764	0.80%	0.075%
37	12.515	1510	1519	1527	rBV3	15124	28016	1.52%	0.142%
38	12.609	1527	1535	1538	rBV4	4219	8700	0.47%	0.044%
39	12.721	1548	1554	1561	rBV6	6617	16604	0.90%	0.084%
40	12.791	1561	1566	1574	rVB	15547	26834	1.45%	0.136%
41	12.938	1588	1591	1597	rVB5	2963	5759	0.31%	0.029%
42	13.003	1597	1602	1610	rBV6	6887	17028	0.92%	0.086%
43	13.144	1622	1626	1628	rBV4	6346	7324	0.40%	0.037%
44	13.208	1632	1637	1647	rBV4	21184	46204	2.50%	0.234%
45	13.297	1647	1652	1654	rBV4	5148	5787	0.31%	0.029%
46	13.397	1664	1669	1674	rBV7	4431	7259	0.39%	0.037%
47	13.449	1674	1678	1689	rVB3	14276	25344	1.37%	0.129%
48	13.731	1717	1726	1732	rBV	28420	49949	2.70%	0.253%
49	13.966	1763	1766	1773	rBV8	6354	8325	0.45%	0.042%
50	14.125	1783	1793	1797	rVV9	10795	25448	1.38%	0.129%
51	14.266	1811	1817	1820	rVV6	11946	22405	1.21%	0.114%
52	14.337	1820	1829	1833	rVV	588771	903663	48.93%	4.585%
53	14.384	1833	1837	1848	rVV	186022	283084	15.33%	1.436%
54	14.501	1852	1857	1861	rVB7	6848	9245	0.50%	0.047%
55	14.642	1873	1881	1892	rBV	630836	1048863	56.80%	5.322%
56	14.765	1899	1902	1904	rBV3	7759	8237	0.45%	0.042%
57	14.795	1904	1907	1913	rVB	26234	34684	1.88%	0.176%
58	14.948	1918	1933	1940	rBV2	396897	669616	36.26%	3.397%
59	15.153	1960	1968	1978	rBV	145463	319639	17.31%	1.622%
60	15.294	1988	1992	1996	rBV7	12933	22347	1.21%	0.113%
61	15.335	1996	1999	2008	rVB10	16051	38174	2.07%	0.194%
62	15.418	2008	2013	2018	rVB7	14544	25655	1.39%	0.130%
63	15.482	2021	2024	2028	rVB6	8007	9918	0.54%	0.050%
64	15.559	2031	2037	2040	rBV8	13464	23213	1.26%	0.118%
65	15.635	2049	2050	2059	rVB9	8323	14199	0.77%	0.072%
66	15.747	2059	2069	2074	rBV2	43353	85227	4.61%	0.432%
67	15.817	2074	2081	2082	rBV7	9245	17514	0.95%	0.089%
68	15.935	2094	2101	2111	rBV	833843	1294328	70.09%	6.567%
69	16.058	2115	2122	2129	rBV	178342	277941	15.05%	1.410%
70	16.152	2129	2138	2150	rBV5	29566	86117	4.66%	0.437%
71	16.258	2150	2156	2160	rBV9	6160	14207	0.77%	0.072%

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72	16.293	2160	2162	2165	rBV4	8126	7653	0.41%	0.039%
73	16.369	2172	2175	2181	rBV8	8127	7274	0.39%	0.037%
74	16.628	2211	2219	2226	rBV4	57996	148262	8.03%	0.752%
75	16.828	2252	2253	2255	rBV2	8240	6837	0.37%	0.035%
76	16.945	2270	2273	2275	rBV4	10345	11322	0.61%	0.057%
77	17.192	2310	2315	2316	rBV4	14085	21736	1.18%	0.110%
78	17.404	2347	2351	2356	rBV	30916	43650	2.36%	0.221%
79	17.456	2356	2360	2369	rVB3	27444	47764	2.59%	0.242%
80	17.697	2394	2401	2412	rBV	483413	833043	45.11%	4.227%
81	17.797	2412	2418	2427	rVV	904178	1391101	75.33%	7.058%
82	17.874	2427	2431	2438	rVB9	22758	41905	2.27%	0.213%
83	18.144	2474	2477	2486	rVB8	28399	48641	2.63%	0.247%
84	18.543	2540	2545	2553	rBV3	111051	199410	10.80%	1.012%
85	18.620	2555	2558	2564	rVB3	32254	53827	2.91%	0.273%
86	18.755	2578	2581	2586	rBV7	20914	39492	2.14%	0.200%
87	19.102	2638	2640	2647	rVB8	17770	25536	1.38%	0.130%
88	19.354	2680	2683	2686	rBV5	8812	10409	0.56%	0.053%
89	19.607	2724	2726	2733	rBV8	13595	26158	1.42%	0.133%
90	19.736	2743	2748	2753	rVB	66281	116626	6.32%	0.592%
91	19.801	2754	2759	2770	rBV	65355	141554	7.67%	0.718%
92	20.071	2799	2805	2817	rVB	1118553	1846749	100.00%	9.370%
93	20.165	2817	2821	2827	rBV9	22950	52144	2.82%	0.265%
94	20.888	2941	2944	2948	rBV	23598	34155	1.85%	0.173%
95	21.599	3061	3065	3074	rVB9	54558	125533	6.80%	0.637%
96	21.863	3105	3110	3118	rVB	88473	141551	7.66%	0.718%
97	22.028	3130	3138	3145	rBV	546429	1081244	58.55%	5.486%
98	22.174	3160	3163	3171	rVB7	31112	56773	3.07%	0.288%
99	25.300	3686	3695	3717	rVB3	525259	1769223	95.80%	8.976%
100	25.541	3727	3736	3747	rVB3	288221	892857	48.35%	4.530%

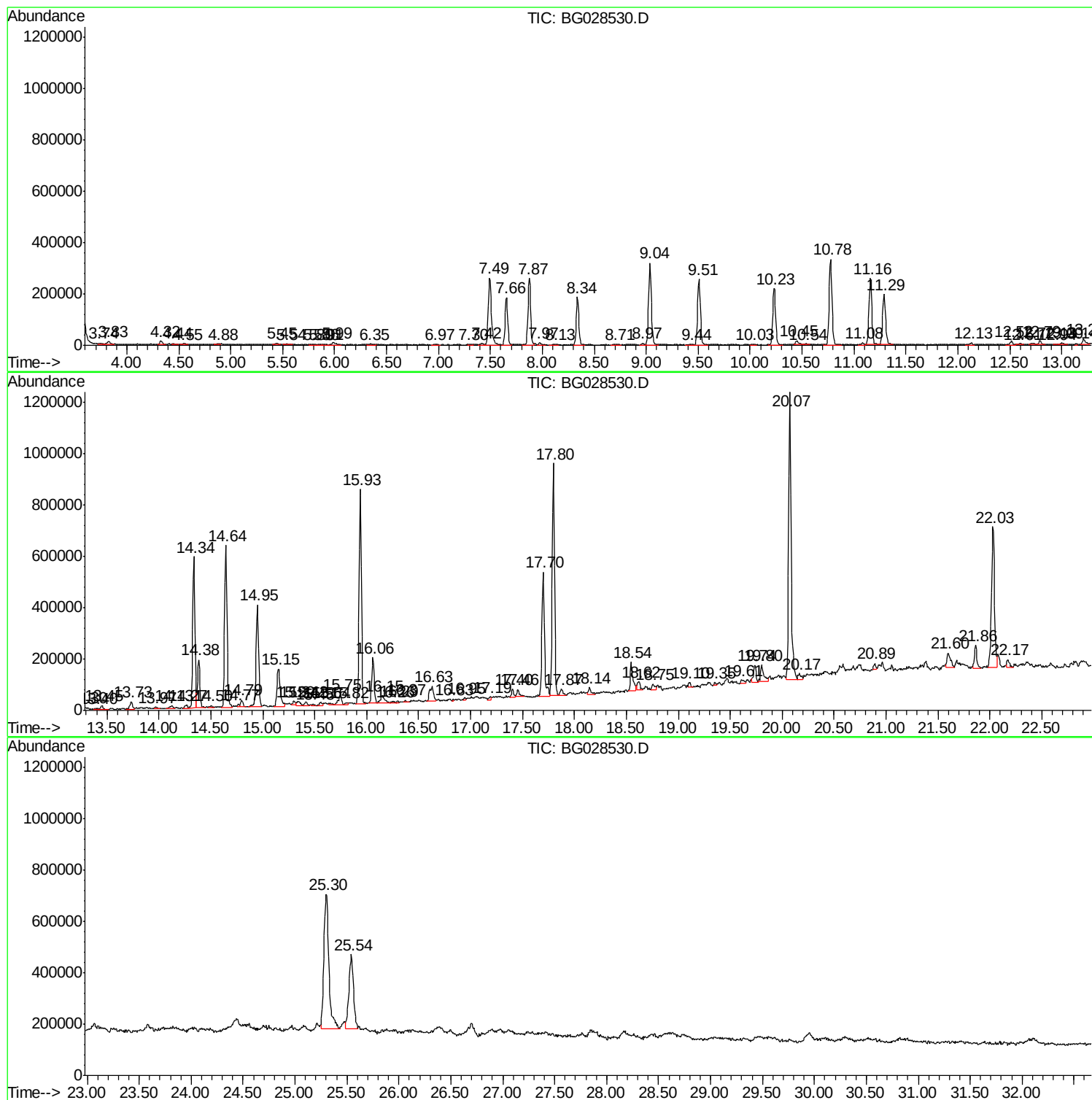
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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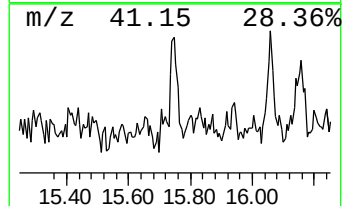
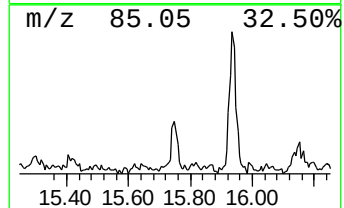
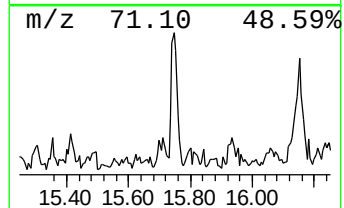
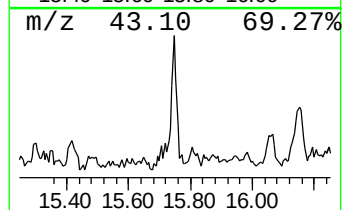
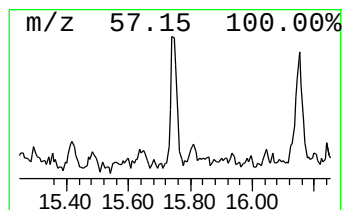
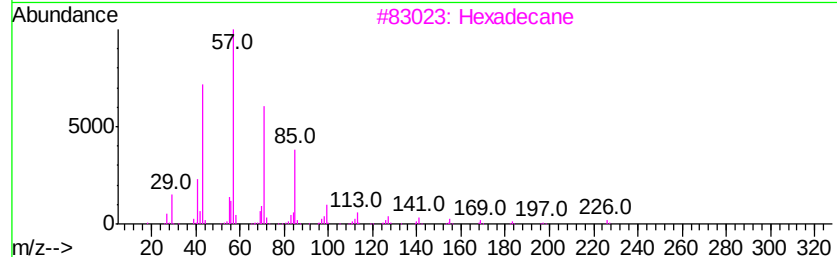
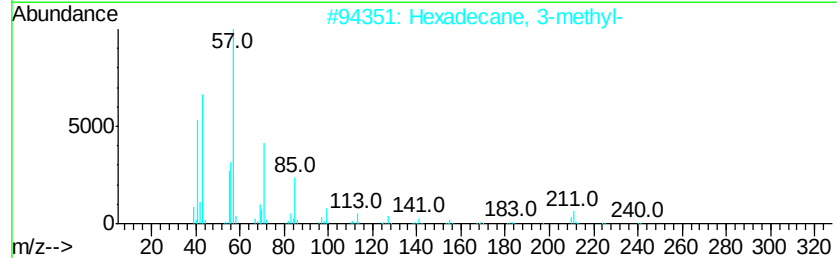
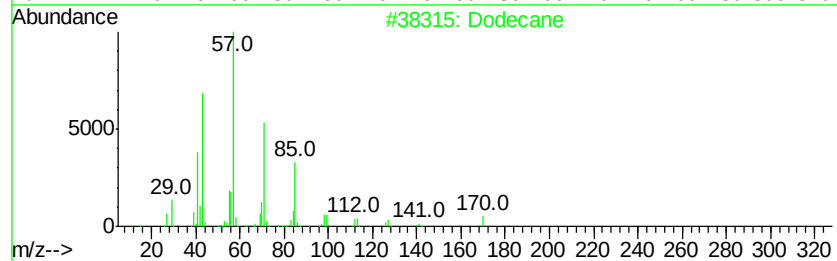
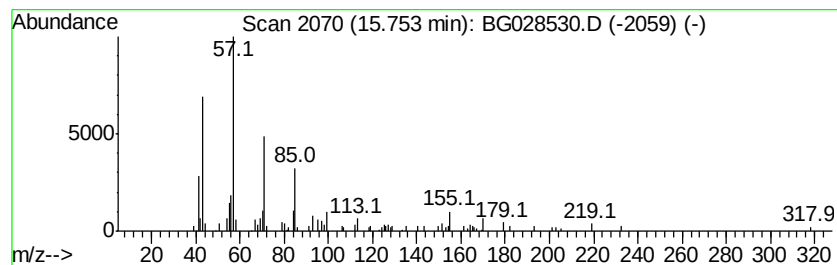
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
15.75	2.55 ng/ul	85227	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	76
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59
3		Hexadecane	226	C16H34	000544-76-3	59
4		Hexadecane	226	C16H34	000544-76-3	58
5		Dodecane	170	C12H26	000112-40-3	58



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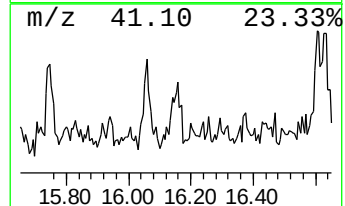
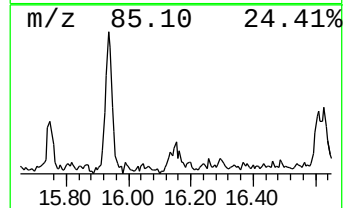
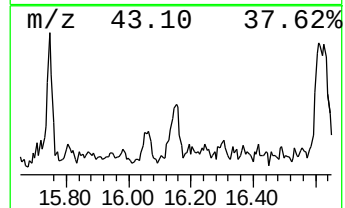
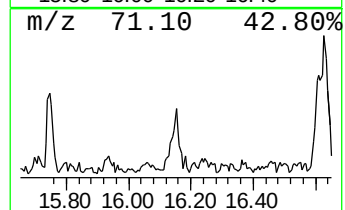
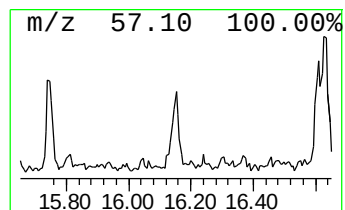
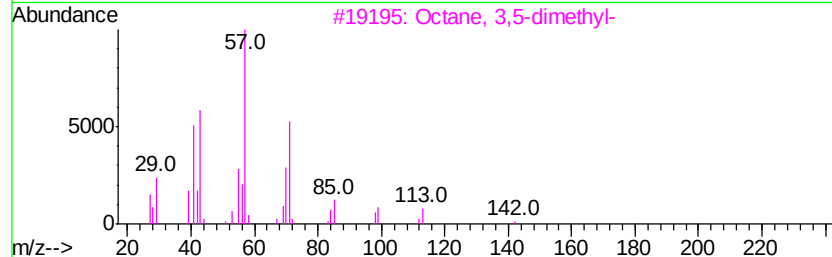
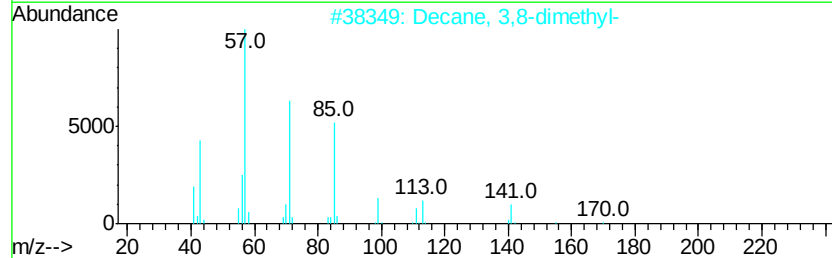
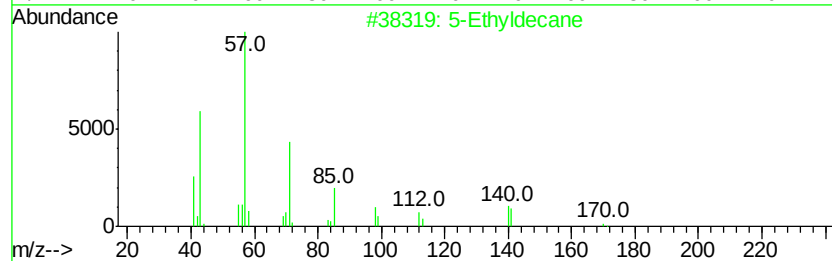
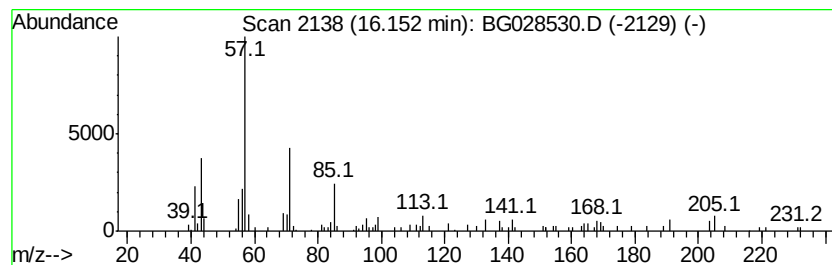
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.57 ng/ul	86117	Acenaphthene-d10	14.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Ethyldecane	170	C12H26	017302-36-2	64
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4		Octadecane	254	C18H38	000593-45-3	53
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53



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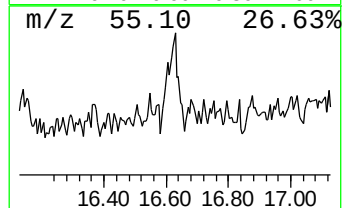
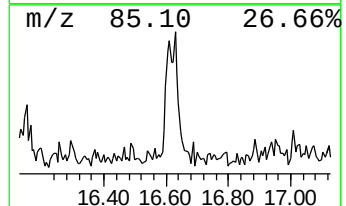
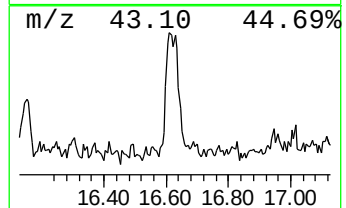
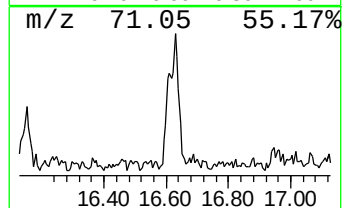
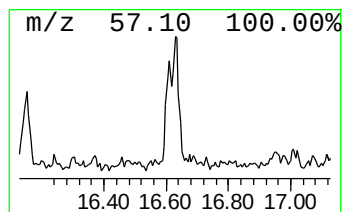
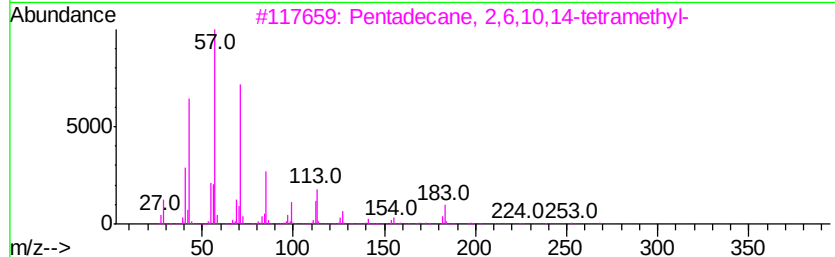
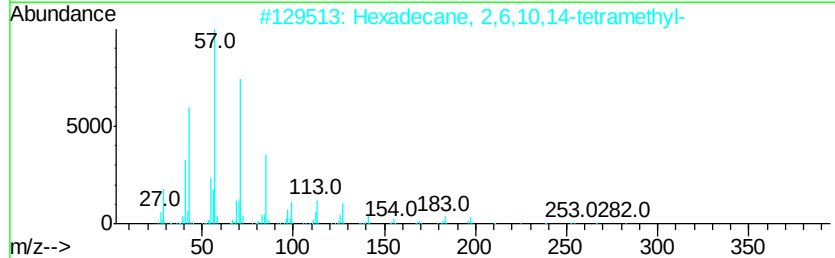
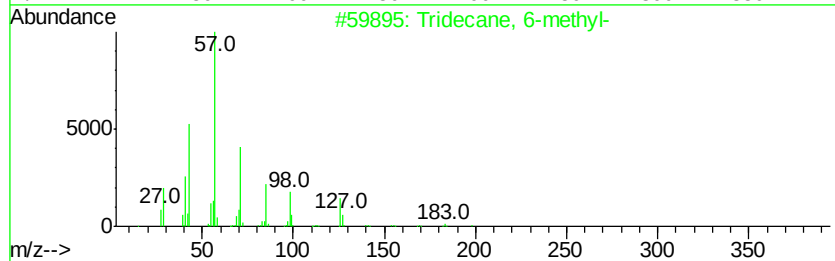
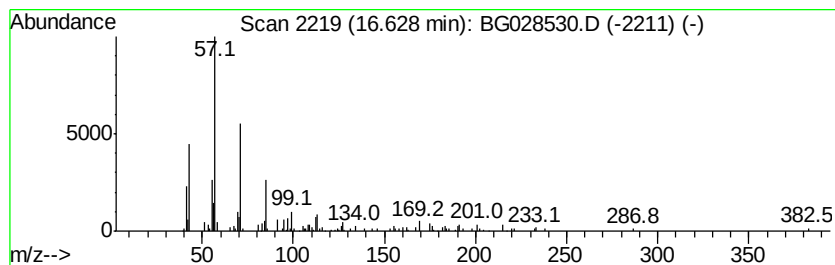
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.56 ng/ul	148262	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4		Hentriacontane	437	C31H64	000630-04-6	64
5		Hexadecane	226	C16H34	000544-76-3	64



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ClientSampleId :
B0AZ2

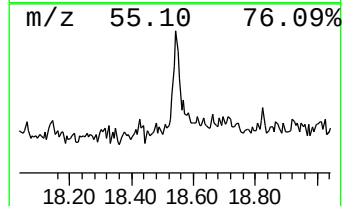
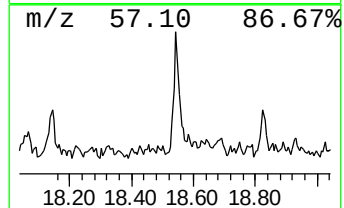
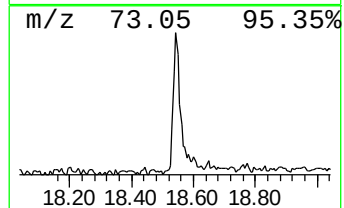
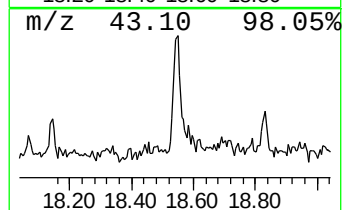
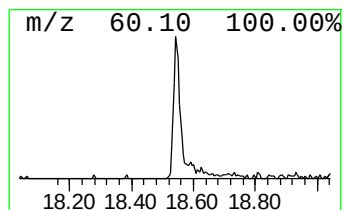
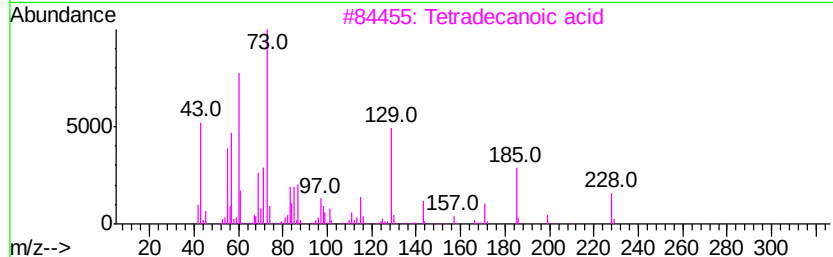
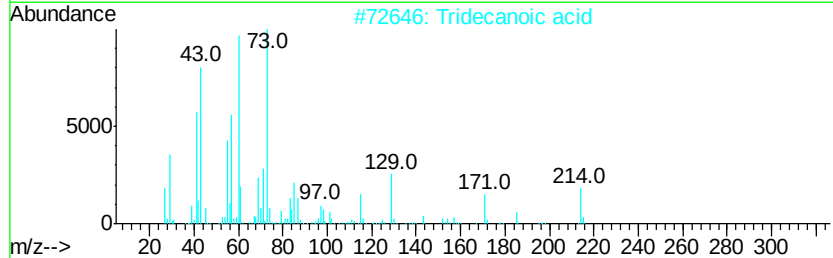
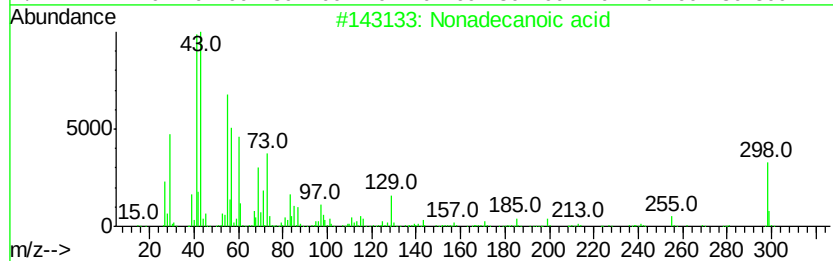
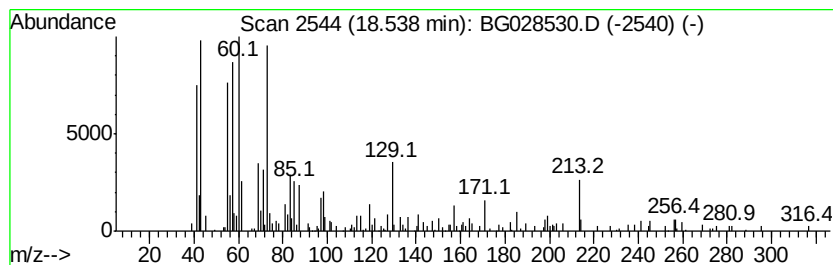
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Nonadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	4.79 ng/ul	199410	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanoic acid		298	C19H38O2	000646-30-0	72
2	Tridecanoic acid		214	C13H26O2	000638-53-9	68
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	59
4	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	59
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028530.D
Acq On : 28 Aug 2017 22:31
Operator : SJ/JU
Sample : I4905-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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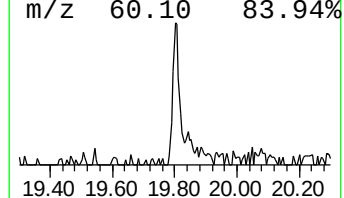
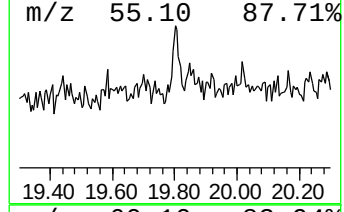
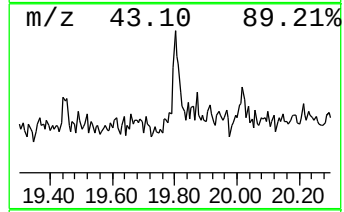
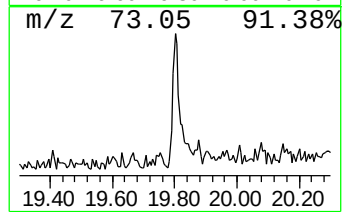
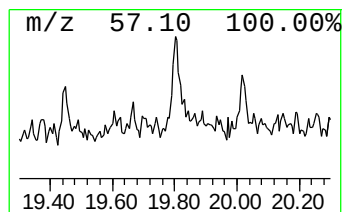
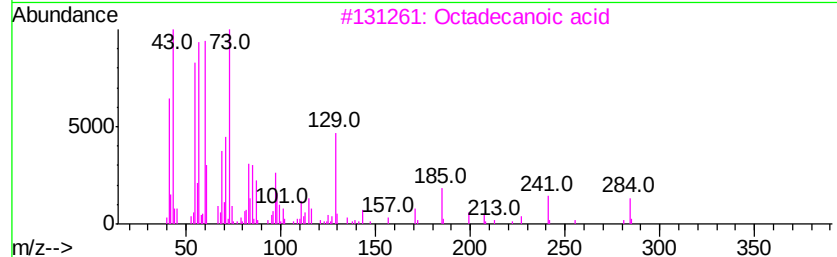
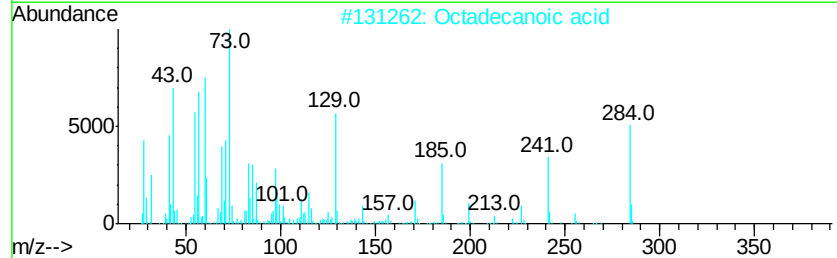
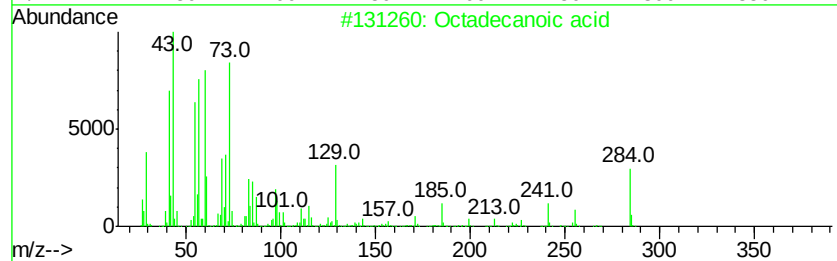
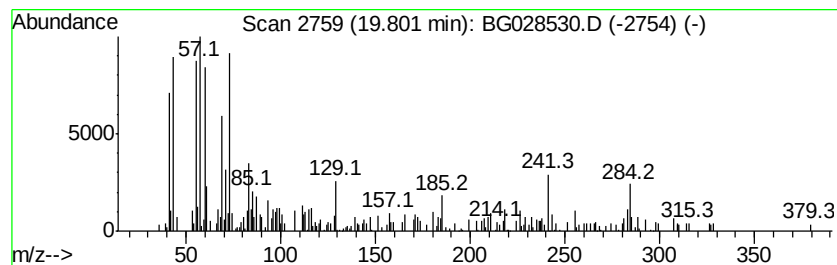
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.40 ng/ul	141554	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	94
2	Octadecanoic acid		284	C18H36O2	000057-11-4	93
3	Octadecanoic acid		284	C18H36O2	000057-11-4	93
4	Octadecanoic acid		284	C18H36O2	000057-11-4	90
5	Nonadecanoic acid		298	C19H38O2	000646-30-0	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028530.D
Acq On : 28 Aug 2017 22:31
Operator : SJ/JU
Sample : I4905-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AZ2

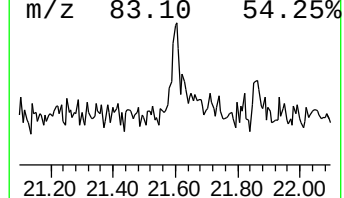
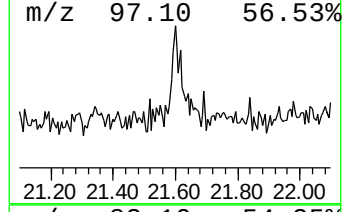
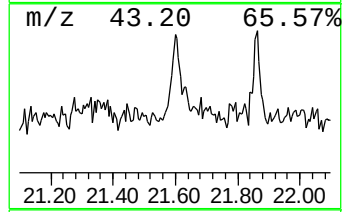
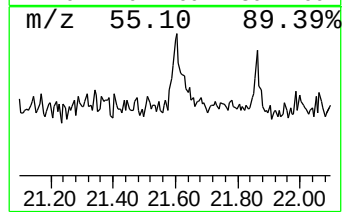
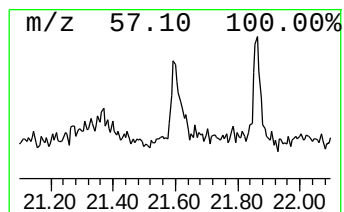
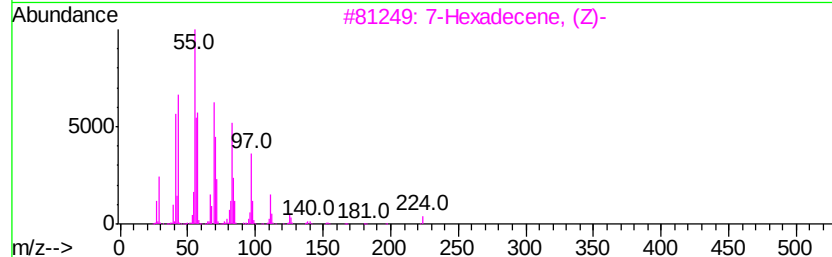
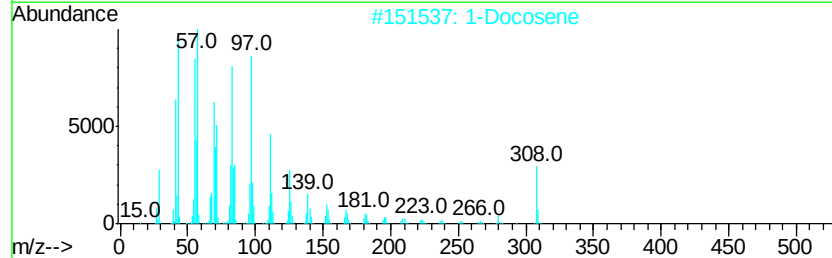
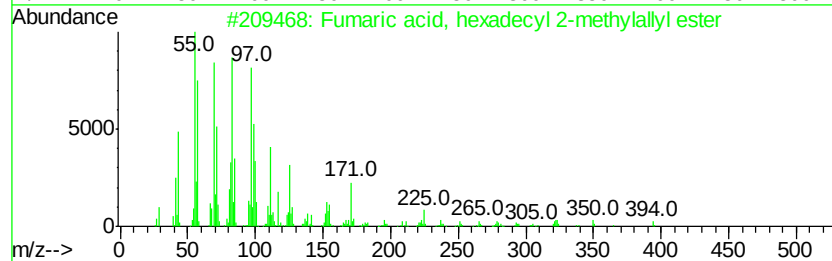
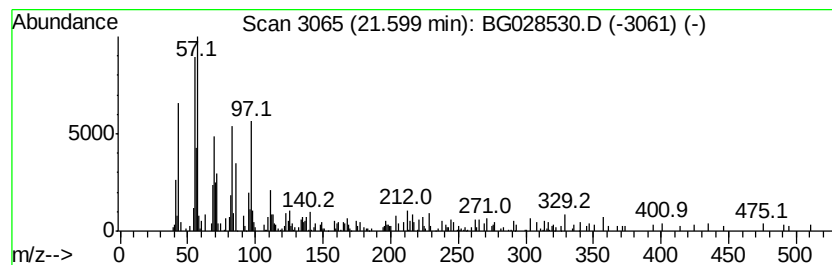
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Fumaric acid, hexadecyl 2-m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	2.32 ng/ul	125533	Chrysene-d12	22.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, hexadecyl 2-methyl...	394	C24H42O4	1000330-55-5	68
2		1-Docosene	308	C22H44	001599-67-3	64
3		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	58
4		1-Docosene	308	C22H44	001599-67-3	52
5		Cyclotetracosane	336	C24H48	000297-03-0	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082817\
Data File : BG028530.D
Acq On : 28 Aug 2017 22:31
Operator : SJ/JU
Sample : I4905-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AZ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
(DEL) Alkane: Str...	15.75	2.5	ng/ul	85227	3	14.95	669616	20.0
(DEL) Alkane: Str...	16.15	2.6	ng/ul	86117	3	14.95	669616	20.0
(DEL) Alkane: Str...	16.63	3.6	ng/ul	148262	4	17.70	833043	20.0
Nonadecanoic acid	18.54	4.8	ng/ul	199410	4	17.70	833043	20.0
Octadecanoic acid	19.80	3.4	ng/ul	141554	4	17.70	833043	20.0
Fumaric acid, hex...	21.60	2.3	ng/ul	125533	5	22.03	1081240	20.0