

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
 Data File : BG021289.D
 Acq On : 5 Mar 2016 3:31
 Operator : UM/SJ
 Sample : H1626-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHFK3

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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	2.949	17	19	22	rVB2	1122	998	0.26%	0.021%
2	3.196	56	61	64	rVB3	1669	2648	0.69%	0.056%
3	3.536	113	119	123	rVV2	2578	3630	0.94%	0.077%
4	3.813	162	166	167	rVV	1111	1271	0.33%	0.027%
5	5.540	456	460	465	rBB	950	1328	0.34%	0.028%
6	7.091	721	724	729	rBB	1480	1963	0.51%	0.042%
7	7.279	749	756	764	rVB	61619	106155	27.58%	2.261%
8	7.449	779	785	793	rBB	50258	80255	20.85%	1.709%
9	7.655	813	820	829	rBB	63003	102562	26.64%	2.184%
10	8.131	893	901	907	rBB	45510	74975	19.48%	1.597%
11	8.824	1012	1019	1027	rBB	78360	131532	34.17%	2.801%
12	9.288	1092	1098	1106	rBB	65247	113531	29.49%	2.418%
13	9.388	1109	1115	1120	rBB2	4550	6789	1.76%	0.145%
14	10.017	1215	1222	1228	rBB	56542	99850	25.94%	2.126%
15	10.552	1304	1313	1321	rBB	78663	136930	35.57%	2.916%
16	10.939	1372	1379	1386	rBB	69891	122930	31.93%	2.618%
17	11.069	1394	1401	1409	rBV	70625	125865	32.70%	2.680%
18	12.514	1643	1647	1648	rBB	1006	1053	0.27%	0.022%
19	13.625	1831	1836	1840	rBB2	4201	6239	1.62%	0.133%
20	14.142	1917	1924	1928	rBV	148527	218727	56.82%	4.658%
21	14.189	1928	1932	1938	rVB	97068	135793	35.28%	2.892%
22	14.435	1967	1974	1981	rBB	164915	253459	65.84%	5.397%
23	14.612	2000	2004	2008	rBB	4325	5218	1.36%	0.111%
24	14.741	2020	2026	2033	rBB2	103532	164985	42.86%	3.513%
25	14.917	2051	2056	2068	rBV	72670	115998	30.13%	2.470%
26	15.052	2076	2079	2085	rBB	734	1375	0.36%	0.029%
27	15.229	2106	2109	2113	rBB	1135	1575	0.41%	0.034%
28	15.516	2154	2158	2161	rBV	2077	2713	0.70%	0.058%
29	15.558	2161	2165	2170	rVB	9252	11767	3.06%	0.251%
30	15.728	2187	2194	2201	rVB	211773	316745	82.28%	6.745%
31	15.834	2207	2212	2220	rBB	78041	115226	29.93%	2.454%
32	15.969	2228	2235	2238	rBV2	4166	7089	1.84%	0.151%
33	16.004	2238	2241	2247	rVB	1138	1446	0.38%	0.031%
34	16.063	2248	2251	2253	rBB2	1276	1309	0.34%	0.028%

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 Title : SVOA CALIBRATION

35	16.110	2257	2259	2263	rBV2	1446	1656	0.43%	0.035%
36	16.180	2268	2271	2275	rBB2	1441	1369	0.36%	0.029%
37	16.421	2307	2312	2320	rVV	10126	19134	4.97%	0.407%
38	16.750	2366	2368	2369	rBV	1339	992	0.26%	0.021%
39	16.821	2377	2380	2384	rVB	800	1105	0.29%	0.024%
40	16.874	2387	2389	2393	rVB	1122	1220	0.32%	0.026%
41	16.932	2395	2399	2403	rBV	1048	1217	0.32%	0.026%
42	16.997	2406	2410	2412	rBV2	832	1134	0.29%	0.024%
43	17.209	2441	2446	2450	rBV2	7609	9622	2.50%	0.205%
44	17.267	2452	2456	2461	rVB2	2898	4388	1.14%	0.093%
45	17.373	2471	2474	2477	rVB	883	997	0.26%	0.021%
46	17.473	2484	2491	2498	rBV2	127447	192372	49.97%	4.097%
47	17.573	2502	2508	2514	rVV2	219515	332554	86.39%	7.082%
48	17.626	2514	2517	2520	rVB	1098	1419	0.37%	0.030%
49	17.679	2524	2526	2530	rBV2	1070	956	0.25%	0.020%
50	17.743	2533	2537	2540	rBV2	780	1175	0.31%	0.025%
51	17.831	2546	2552	2563	rBV2	39299	59451	15.44%	1.266%
52	17.943	2567	2571	2576	rVV2	4850	7233	1.88%	0.154%
53	18.225	2615	2619	2622	rVV3	904	1397	0.36%	0.030%
54	18.343	2634	2639	2646	rBV2	51146	70225	18.24%	1.495%
55	18.636	2684	2689	2694	rBV2	3208	4680	1.22%	0.100%
56	18.766	2707	2711	2715	rVB2	5860	6554	1.70%	0.140%
57	18.877	2726	2730	2733	rBV2	827	1335	0.35%	0.028%
58	19.001	2749	2751	2754	rVV2	940	1201	0.31%	0.026%
59	19.089	2763	2766	2768	rVB2	1216	1128	0.29%	0.024%
60	19.189	2779	2783	2792	rVV	18078	29082	7.55%	0.619%
61	19.253	2792	2794	2797	rVV	3166	4120	1.07%	0.088%
62	19.488	2824	2834	2838	rBV4	3972	9164	2.38%	0.195%
63	19.600	2849	2853	2861	rBV2	15716	22318	5.80%	0.475%
64	19.659	2861	2863	2864	rVV2	1282	993	0.26%	0.021%
65	19.741	2873	2877	2881	rVV2	1884	2400	0.62%	0.051%
66	19.847	2887	2895	2901	rBV2	267484	384954	100.00%	8.198%
67	19.947	2910	2912	2914	rBV3	2223	1754	0.46%	0.037%
68	20.229	2958	2960	2963	rVB4	1572	1332	0.35%	0.028%
69	20.328	2975	2977	2978	rBV2	1755	1390	0.36%	0.030%
70	20.499	3003	3006	3008	rVB3	2081	2573	0.67%	0.055%
71	20.681	3035	3037	3039	rBV2	1393	1453	0.38%	0.031%

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72	20.846	3063	3065	3070	rVB4	2766	3319	0.86%	0.071%
73	21.016	3092	3094	3097	rBV4	1934	2152	0.56%	0.046%
74	21.116	3109	3111	3112	rBV2	1480	1115	0.29%	0.024%
75	21.357	3147	3152	3162	rBV2	46682	73770	19.16%	1.571%
76	21.739	3210	3217	3225	rVB	136951	226100	58.73%	4.815%
77	21.915	3244	3247	3252	rVB6	3766	5637	1.46%	0.120%
78	22.379	3320	3326	3328	rBV6	2388	3933	1.02%	0.084%
79	22.526	3346	3351	3359	rBV7	9294	20723	5.38%	0.441%
80	22.814	3398	3400	3401	rBV2	1943	1372	0.36%	0.029%
81	23.419	3496	3503	3509	rBV5	6752	14837	3.85%	0.316%
82	23.742	3556	3558	3559	rBV2	1692	1436	0.37%	0.031%
83	24.042	3603	3609	3614	rVB5	10513	19867	5.16%	0.423%
84	24.095	3616	3618	3620	rBV3	3330	3384	0.88%	0.072%
85	24.289	3649	3651	3652	rBV2	1834	1571	0.41%	0.033%
86	24.776	3723	3734	3746	rVB	136722	368100	95.62%	7.839%
87	24.994	3761	3771	3785	rVB2	81573	228665	59.40%	4.869%
88	25.405	3839	3841	3842	rBV2	2010	1027	0.27%	0.022%
89	26.133	3957	3965	3975	rVB4	11971	36827	9.57%	0.784%
90	26.251	3980	3985	3986	rBV4	5403	8634	2.24%	0.184%
91	27.773	4242	4244	4245	rBV2	1442	1032	0.27%	0.022%
92	27.814	4249	4251	4254	rVV4	1710	1554	0.40%	0.033%
93	28.166	4309	4311	4313	rBV3	1953	998	0.26%	0.021%
94	28.372	4344	4346	4348	rBV2	1830	1721	0.45%	0.037%
95	29.623	4557	4559	4561	rBV3	1531	1491	0.39%	0.032%
96	30.464	4700	4702	4704	rBV3	1443	1163	0.30%	0.025%
97	31.598	4893	4895	4896	rBV2	1408	987	0.26%	0.021%
98	31.833	4933	4935	4936	rBV2	1715	1486	0.39%	0.032%
99	32.309	5014	5016	5018	rBV2	1894	1395	0.36%	0.030%
100	32.332	5018	5020	5022	rBV2	1561	1625	0.42%	0.035%

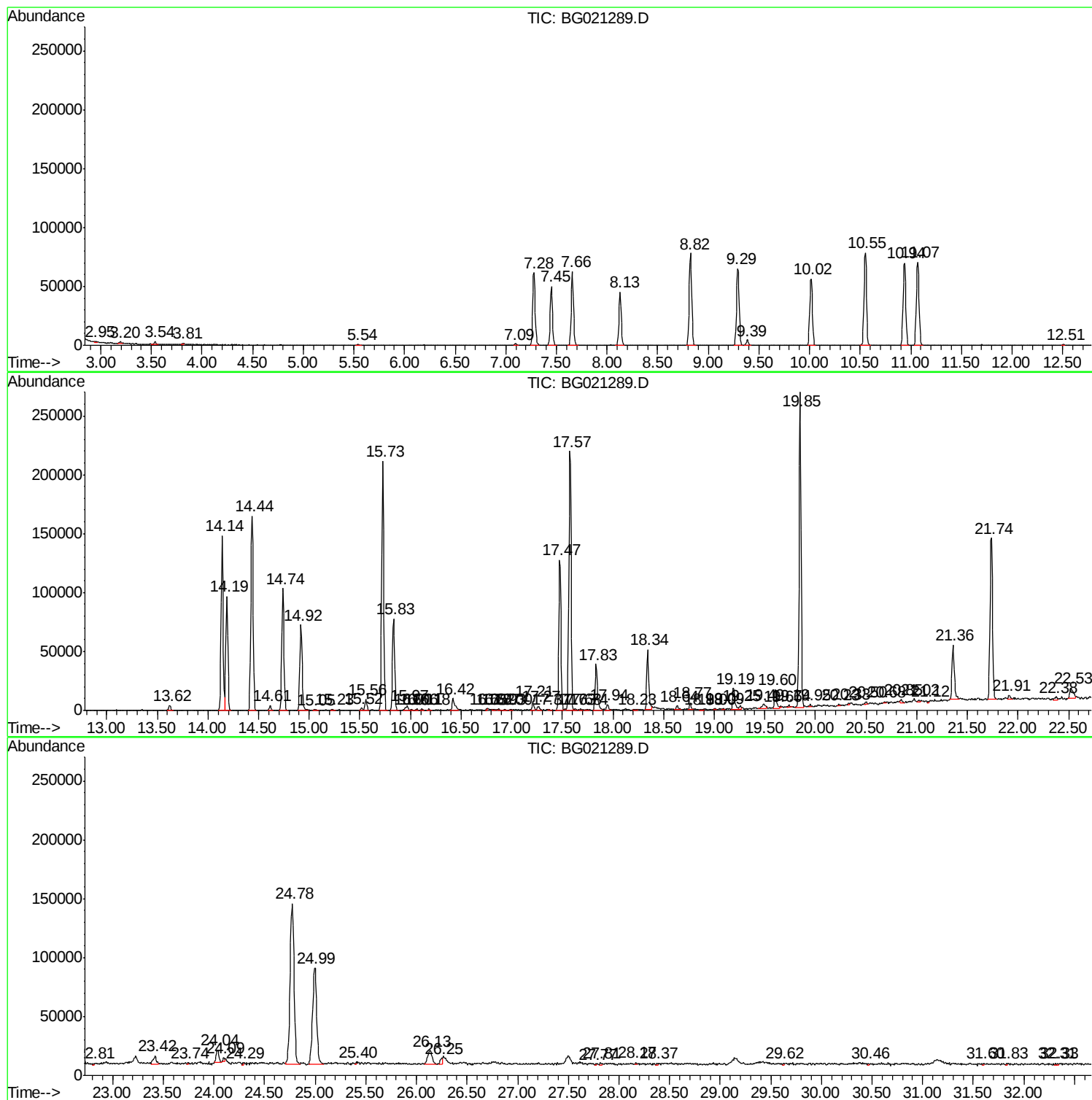
Sum of corrected areas: 4695897

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



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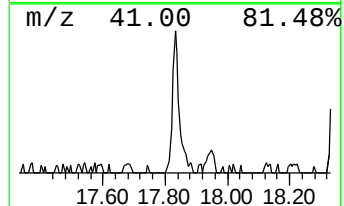
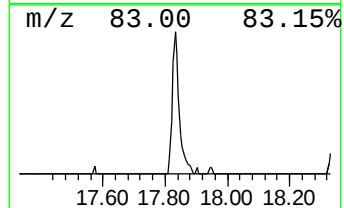
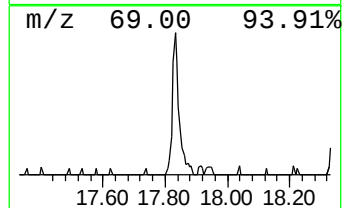
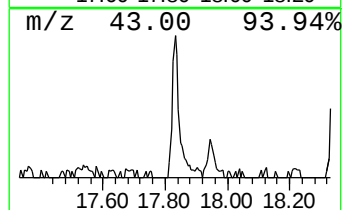
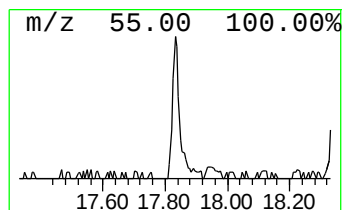
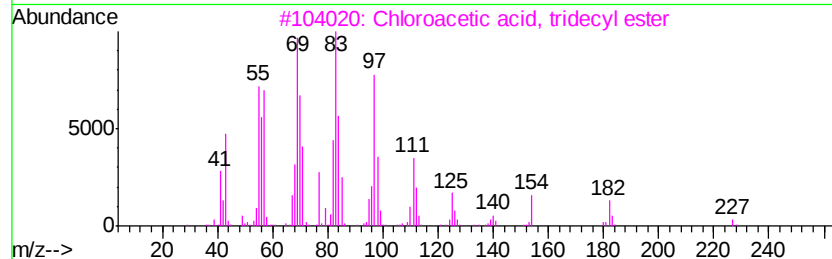
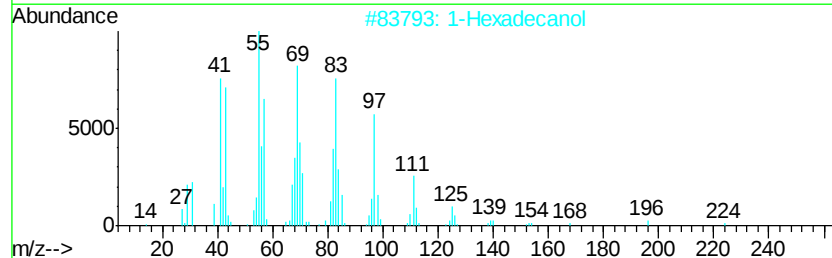
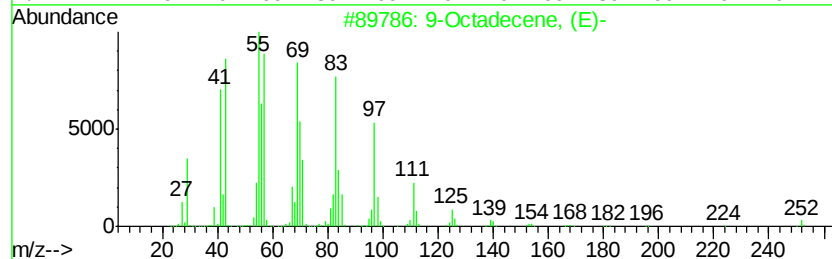
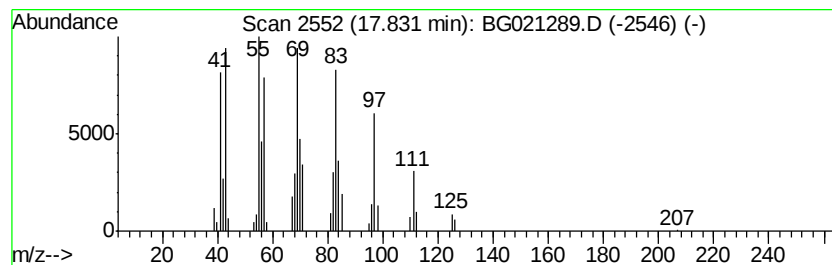
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	6.18 ng/ul	59451	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		Chloroacetic acid, tridecyl ester	276	C15H29ClO2	018277-85-5	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5		1-Nonadecene	266	C19H38	018435-45-5	81



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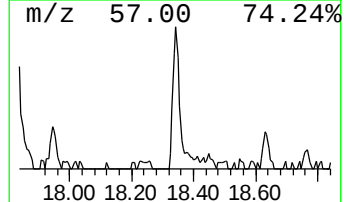
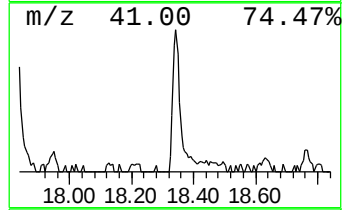
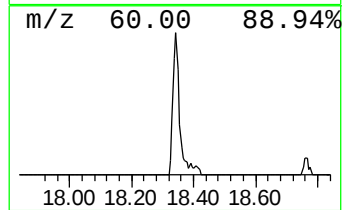
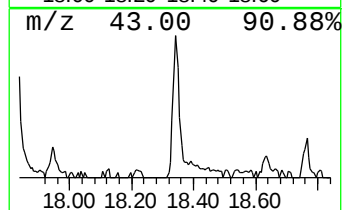
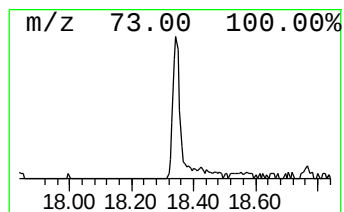
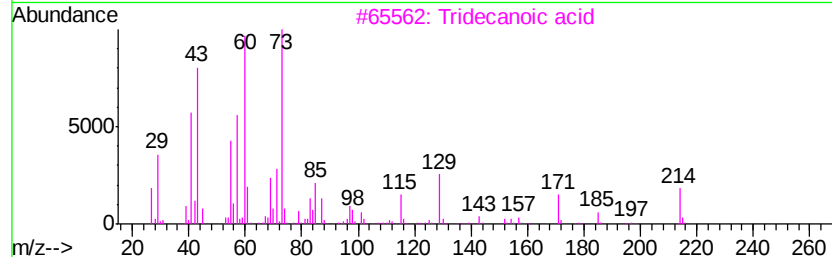
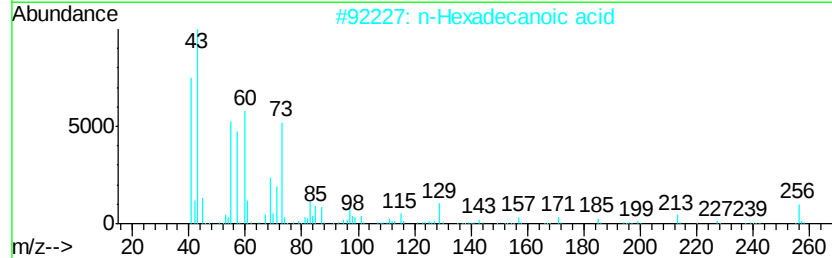
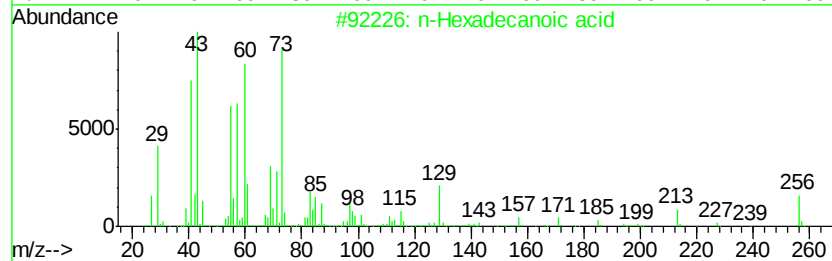
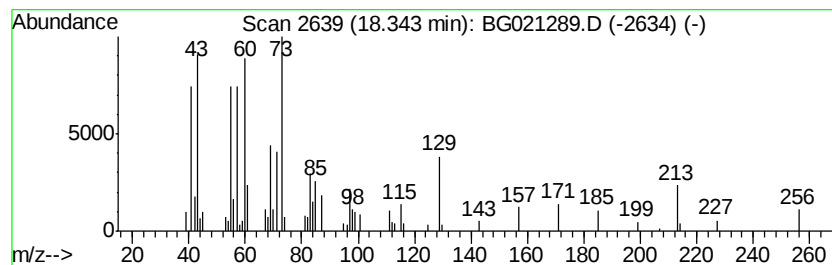
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	7.30 ng/ul	70225	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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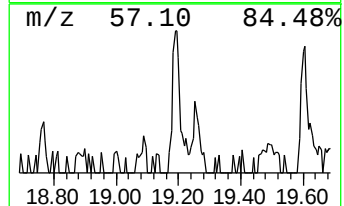
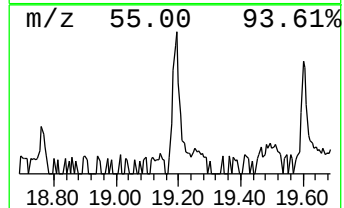
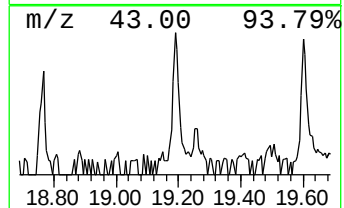
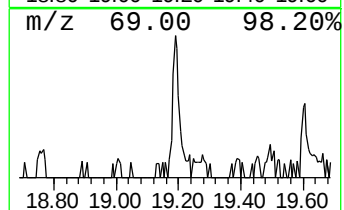
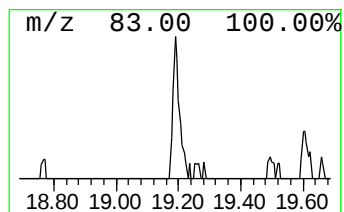
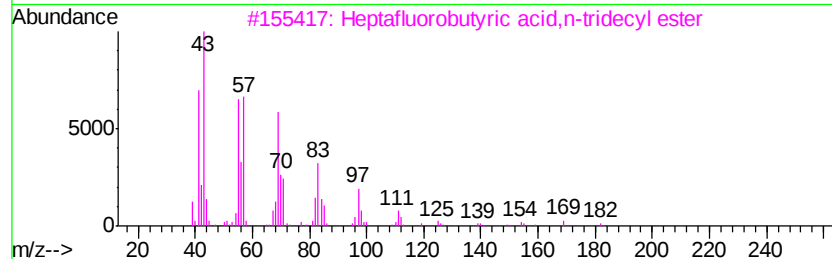
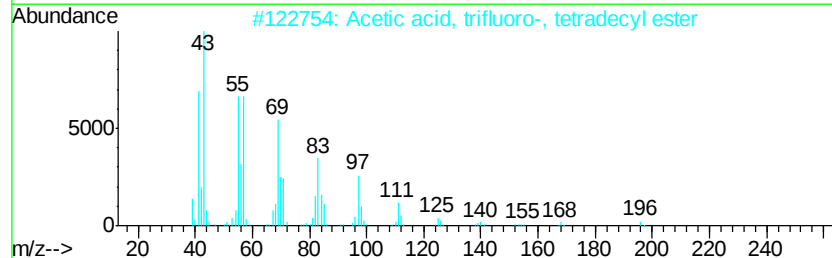
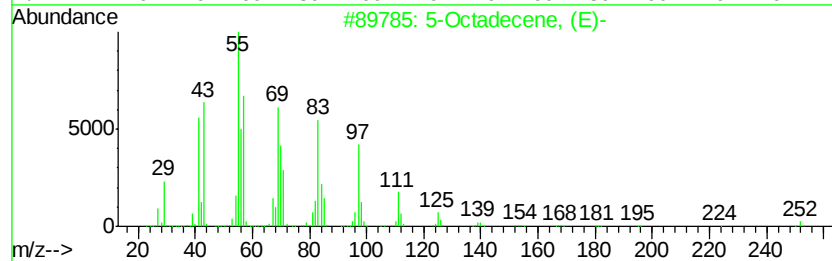
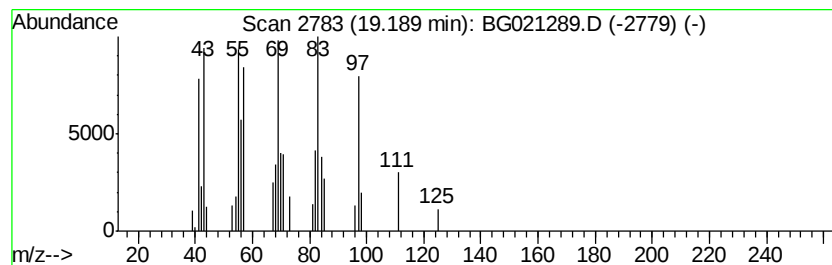
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Peak Number 3 (DEL) Alkane: Cyclic19.19 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	3.02 ng/ul	29082	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	80
2		Acetic acid, trifluoro-, tetradec...	310	C16H29F3O2	006222-02-2	64
3		Heptafluorobutyric acid, n-tridec...	396	C17H27F7O2	1000216-78-9	59
4		Cyclopentane, 1-ethyl-3-methyl-, ...	112	C8H16	002613-66-3	35
5		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021289.D
Acq On : 5 Mar 2016 3:31
Operator : UM/SJ
Sample : H1626-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFK3

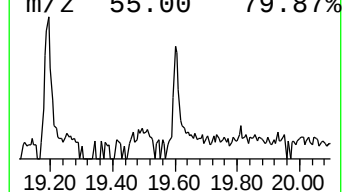
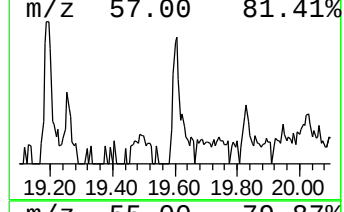
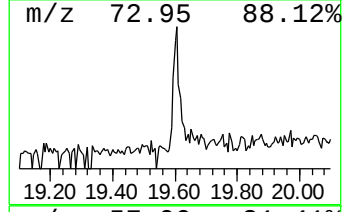
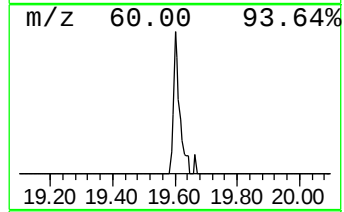
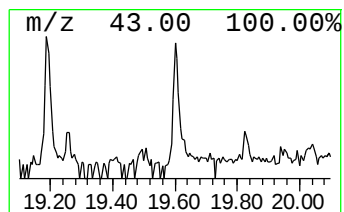
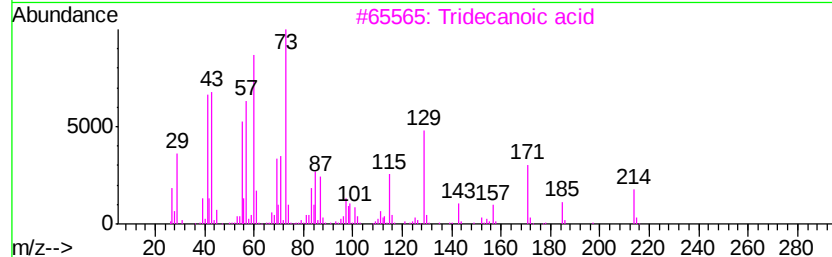
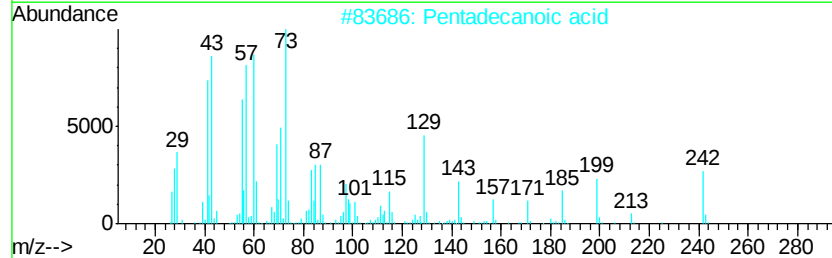
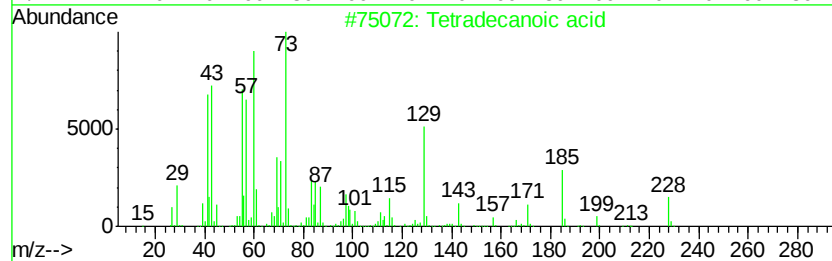
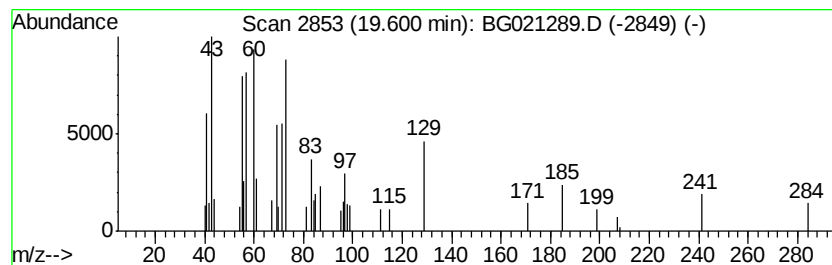
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.32 ng/ul	22318	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3		Tridecanoic acid	214	C13H26O2	000638-53-9	59
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50



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Data File : BG021289.D
Acq On : 5 Mar 2016 3:31
Operator : UM/SJ
Sample : H1626-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFK3

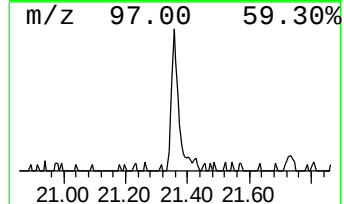
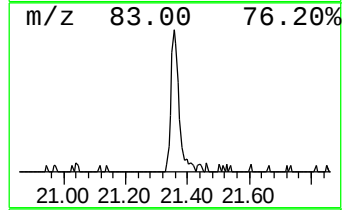
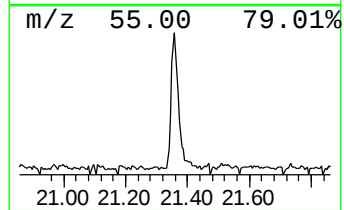
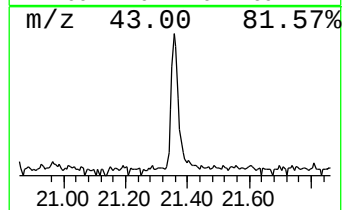
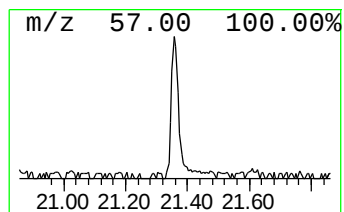
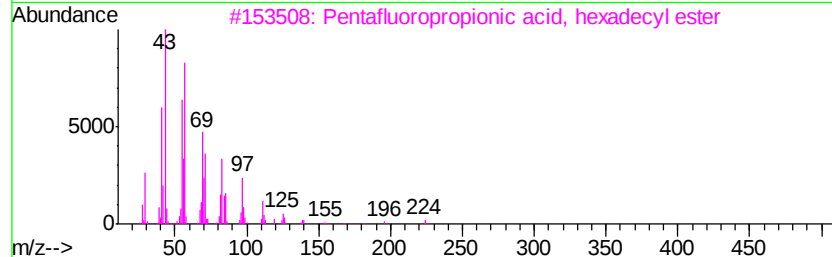
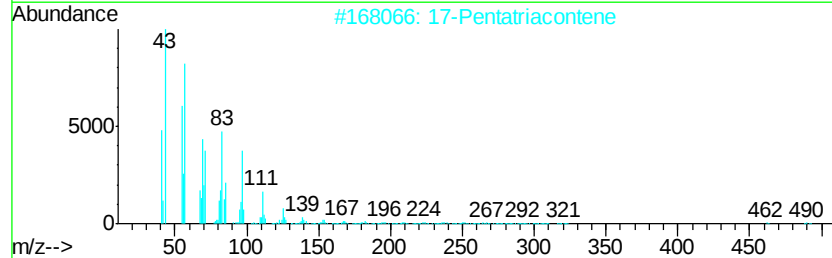
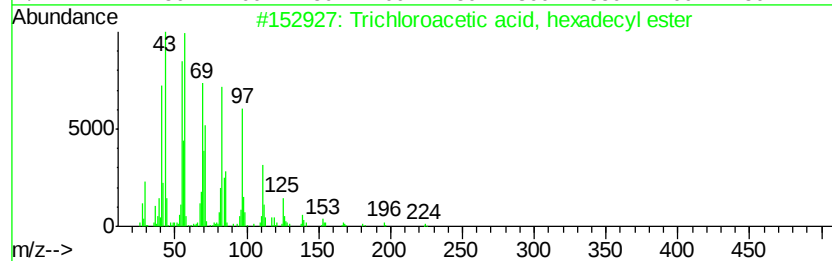
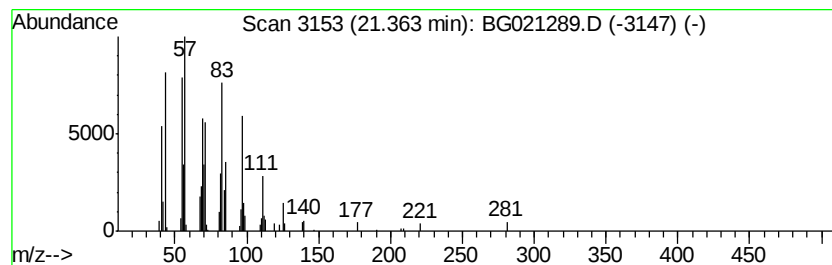
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	6.53 ng/ul	73770	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4		1-Nonadecene	266	C19H38	018435-45-5	90
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90



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Sample : H1626-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFK3

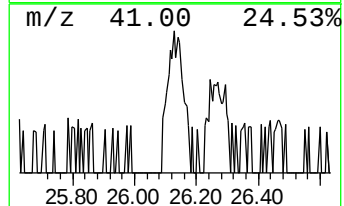
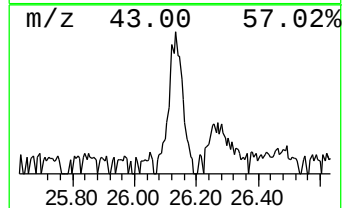
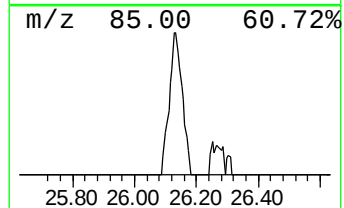
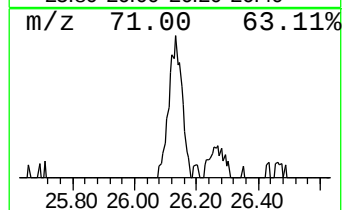
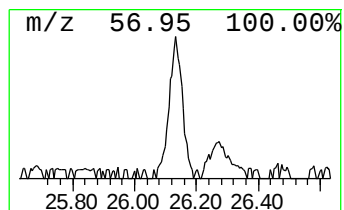
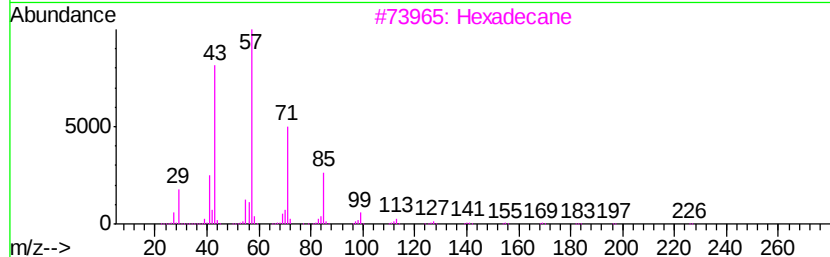
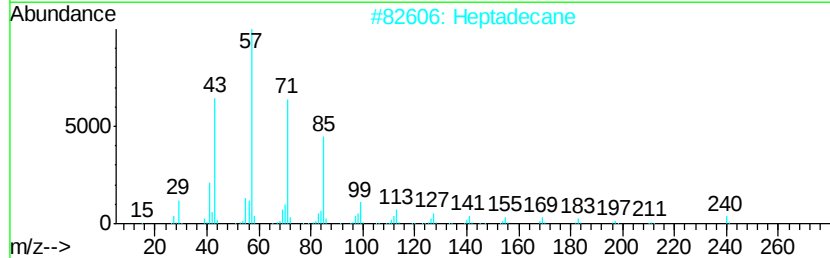
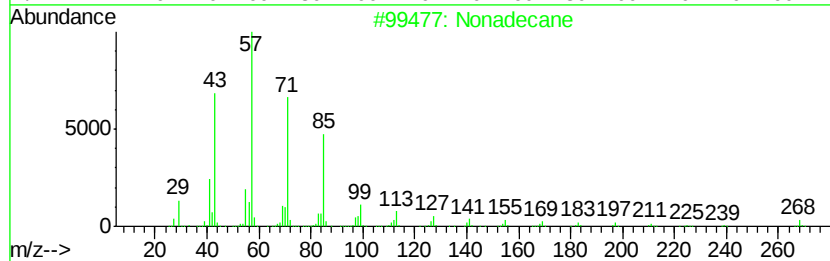
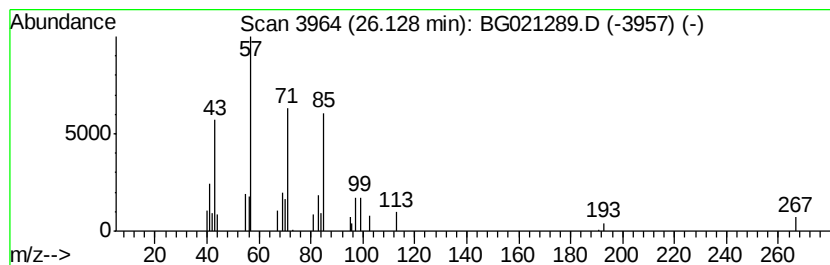
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	3.22 ng/ul	36827	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	72
2		Heptadecane	240	C17H36	000629-78-7	72
3		Hexadecane	226	C16H34	000544-76-3	64
4		Tetratetracontane	619	C44H90	007098-22-8	64
5		Tritetracontane	605	C43H88	007098-21-7	59



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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHFK3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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: Cyc...	17.83	6.2	ng/ul	59451	4	17.47	192372	20.0
n-Hexadecanoic acid	18.34	7.3	ng/ul	70225	4	17.47	192372	20.0
(DEL) Alkane: Cyc...	19.19	3.0	ng/ul	29082	4	17.47	192372	20.0
Tetradecanoic acid	19.60	2.3	ng/ul	22318	4	17.47	192372	20.0
Trichloroacetic a...	21.36	6.5	ng/ul	73770	5	21.74	226100	20.0
(DEL) Alkane: Str...	26.13	3.2	ng/ul	36827	6	25.00	228665	20.0