

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026757.D
 Acq On : 28 Apr 2017 21:39
 Operator : SJ/MA
 Sample : I2816-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT43

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	3.428	53	58	71	rVB	39984	77853	1.67%	0.140%
2	4.181	182	186	194	rBV3	11929	23246	0.50%	0.042%
3	5.109	341	344	351	rVV7	4817	7254	0.16%	0.013%
4	6.096	509	512	518	rVB8	4100	8774	0.19%	0.016%
5	6.208	525	531	538	rBV8	5111	13500	0.29%	0.024%
6	7.189	689	698	715	rVV	707197	1320202	28.36%	2.377%
7	7.330	715	722	732	rVB	639761	1050296	22.56%	1.891%
8	7.424	735	738	744	rVB7	5429	10389	0.22%	0.019%
9	7.547	751	759	774	rBV	789998	1340975	28.80%	2.415%
10	7.782	795	799	804	rBV4	3030	6931	0.15%	0.012%
11	8.011	830	838	847	rBV	462082	811559	17.43%	1.461%
12	8.722	948	959	980	rBV	975408	1857479	39.89%	3.345%
13	9.163	1024	1034	1049	rBV	717478	1314531	28.23%	2.367%
14	9.339	1057	1064	1075	rVB10	6970	19488	0.42%	0.035%
15	9.586	1099	1106	1114	rVB3	16459	29543	0.63%	0.053%
16	9.891	1148	1158	1168	rBV	629877	1129623	24.26%	2.034%
17	10.438	1243	1251	1272	rBV	975108	1836889	39.45%	3.308%
18	10.573	1272	1274	1280	rVB5	4681	8067	0.17%	0.015%
19	10.808	1305	1314	1327	rVB	805794	1432561	30.77%	2.580%
20	10.943	1327	1337	1357	rBV	1000554	1907535	40.97%	3.435%
21	12.295	1558	1567	1570	rBV6	3057	6855	0.15%	0.012%
22	12.389	1576	1583	1595	rBV	19073	41945	0.90%	0.076%
23	13.346	1743	1746	1752	rBV7	3810	7045	0.15%	0.013%
24	13.440	1757	1762	1767	rBV4	7040	10922	0.23%	0.020%
25	13.523	1770	1776	1781	rBV7	5087	8336	0.18%	0.015%
26	13.593	1781	1788	1794	rVB8	3956	9778	0.21%	0.018%
27	13.828	1819	1828	1834	rBV5	2459	7760	0.17%	0.014%
28	14.022	1853	1861	1866	rVV	1912081	2769421	59.48%	4.987%
29	14.069	1866	1869	1877	rVV	323033	434372	9.33%	0.782%
30	14.139	1877	1881	1885	rVB4	6360	10105	0.22%	0.018%
31	14.216	1888	1894	1898	rVB7	4217	8880	0.19%	0.016%
32	14.316	1898	1911	1921	rBV	2294575	3620605	77.76%	6.519%
33	14.510	1937	1944	1951	rVB	46628	62199	1.34%	0.112%
34	14.621	1953	1963	1972	rVB2	1240212	2011715	43.21%	3.622%

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35	14.839	1993	2000	2016	rBV	444503	1047612	22.50%	1.886%
36	15.003	2025	2028	2032	rVB6	7318	10343	0.22%	0.019%
37	15.062	2035	2038	2043	rVB6	8797	11948	0.26%	0.022%
38	15.121	2043	2048	2054	rVB4	15504	24180	0.52%	0.044%
39	15.191	2055	2060	2065	rVB4	14643	20218	0.43%	0.036%
40	15.250	2065	2070	2076	rBV8	4628	10590	0.23%	0.019%
41	15.409	2093	2097	2100	rBV2	10741	18279	0.39%	0.033%
42	15.456	2101	2105	2111	rVV	91107	115257	2.48%	0.208%
43	15.520	2111	2116	2119	rVV5	8612	13379	0.29%	0.024%
44	15.608	2120	2131	2142	rVV	3030344	4418436	94.90%	7.956%
45	15.726	2142	2151	2165	rVV	781072	1209774	25.98%	2.178%
46	15.849	2165	2172	2178	rVV6	59533	126179	2.71%	0.227%
47	15.896	2178	2180	2185	rVV6	9477	13138	0.28%	0.024%
48	15.955	2185	2190	2194	rVV7	11997	17087	0.37%	0.031%
49	16.008	2196	2199	2205	rVB6	12823	19043	0.41%	0.034%
50	16.072	2205	2210	2218	rBV3	17938	21954	0.47%	0.040%
51	16.313	2246	2251	2261	rBV	110006	205467	4.41%	0.370%
52	16.531	2284	2288	2290	rBV4	5866	7800	0.17%	0.014%
53	16.654	2304	2309	2313	rBV4	13381	24971	0.54%	0.045%
54	16.713	2317	2319	2323	rVB4	10806	10574	0.23%	0.019%
55	16.766	2323	2328	2334	rVB8	9258	14558	0.31%	0.026%
56	16.819	2334	2337	2341	rBV5	10936	13368	0.29%	0.024%
57	16.883	2345	2348	2352	rVB5	6651	9373	0.20%	0.017%
58	17.101	2379	2385	2389	rBV	52693	64327	1.38%	0.116%
59	17.154	2389	2394	2406	rVB7	22817	48863	1.05%	0.088%
60	17.248	2406	2410	2417	rBV9	5753	12447	0.27%	0.022%
61	17.353	2422	2428	2436	rBV2	1440362	2157319	46.33%	3.885%
62	17.453	2438	2445	2463	rVB2	2867561	4431304	95.17%	7.979%
63	17.629	2474	2475	2483	rVB8	4714	7024	0.15%	0.013%
64	17.835	2507	2510	2514	rBV3	9851	12471	0.27%	0.022%
65	18.123	2554	2559	2566	rVB9	6188	9613	0.21%	0.017%
66	18.235	2571	2578	2595	rBV	312361	585850	12.58%	1.055%
67	18.628	2640	2645	2653	rVB10	22669	48507	1.04%	0.087%
68	18.722	2658	2661	2665	rVB6	5751	7325	0.16%	0.013%
69	18.822	2673	2678	2685	rBV	106616	142827	3.07%	0.257%
70	18.963	2697	2702	2708	rVB9	11825	19847	0.43%	0.036%
71	19.081	2718	2722	2727	rBV7	6283	13077	0.28%	0.024%

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72	19.151	2730	2734	2738	rBV7	8557	11722	0.25%	0.021%
73	19.192	2738	2741	2746	rBV7	9486	13725	0.29%	0.025%
74	19.298	2756	2759	2763	rVB6	6459	9259	0.20%	0.017%
75	19.374	2765	2772	2781	rBV	44955	103813	2.23%	0.187%
76	19.451	2781	2785	2789	rVB7	12916	17399	0.37%	0.031%
77	19.498	2789	2793	2797	rBV2	101577	152171	3.27%	0.274%
78	19.539	2797	2800	2806	rVB2	47077	73470	1.58%	0.132%
79	19.621	2810	2814	2822	rVB	29122	53156	1.14%	0.096%
80	19.733	2826	2833	2846	rBV	3183400	4553366	97.80%	8.199%
81	19.845	2848	2852	2855	rBV6	10207	14980	0.32%	0.027%
82	19.915	2860	2864	2868	rBV5	22357	27542	0.59%	0.050%
83	20.168	2903	2907	2913	rBV	187154	249761	5.36%	0.450%
84	20.315	2928	2932	2935	rBV6	15071	25276	0.54%	0.046%
85	20.585	2971	2978	2982	rBV9	15435	43629	0.94%	0.079%
86	20.685	2992	2995	3000	rBV7	11461	19295	0.41%	0.035%
87	21.360	3097	3110	3127	rBV7	102286	659776	14.17%	1.188%
88	21.595	3143	3150	3159	rBV	1400424	2315430	49.73%	4.169%
89	21.736	3169	3174	3190	rVB7	107031	287381	6.17%	0.517%
90	22.365	3278	3281	3286	rBV6	21288	34498	0.74%	0.062%
91	22.847	3358	3363	3368	rBV9	37428	80184	1.72%	0.144%
92	23.000	3384	3389	3392	rBV6	37614	61694	1.33%	0.111%
93	23.041	3393	3396	3405	rVB6	58253	109821	2.36%	0.198%
94	23.822	3523	3529	3538	rVB2	77204	167982	3.61%	0.302%
95	24.545	3639	3652	3673	rBV2	1654477	4655974	100.00%	8.384%
96	24.756	3677	3688	3704	rVB3	910086	2573444	55.27%	4.634%
97	25.843	3865	3873	3885	rVB3	102687	277231	5.95%	0.499%
98	27.154	4087	4096	4107	rBV5	93018	307457	6.60%	0.554%
99	28.740	4358	4366	4379	rVB5	58740	235526	5.06%	0.424%
100	30.661	4685	4693	4711	rVB6	51600	239705	5.15%	0.432%

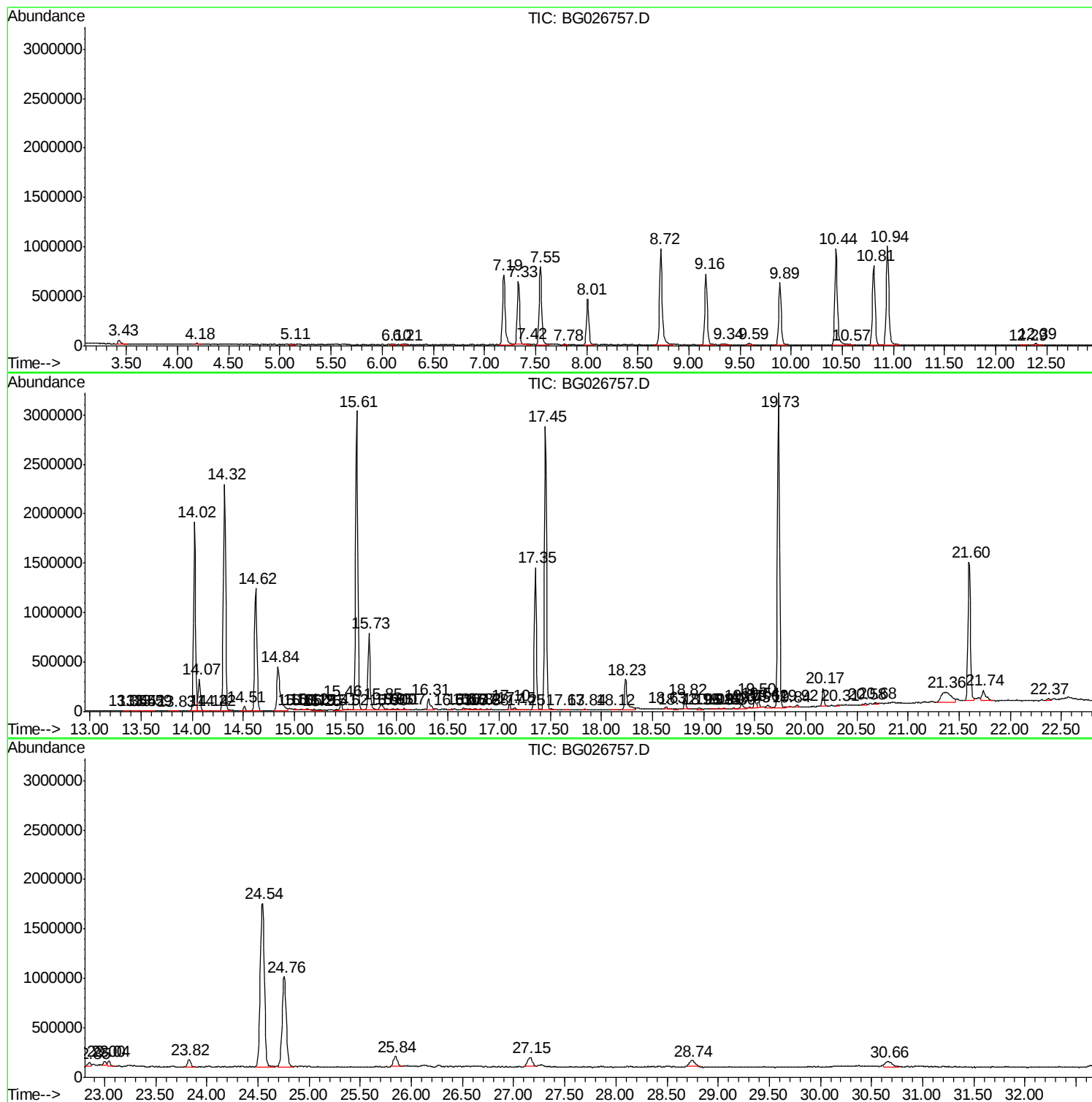
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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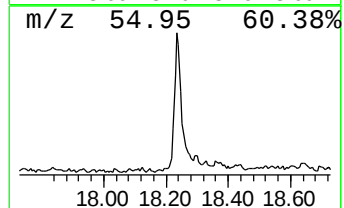
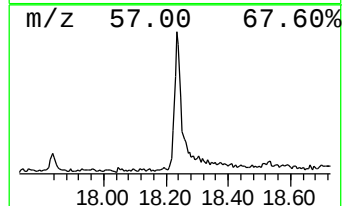
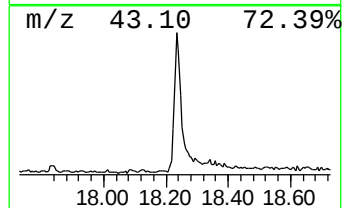
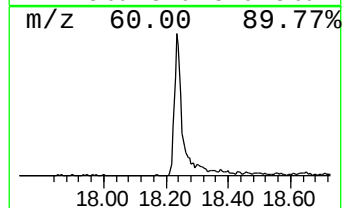
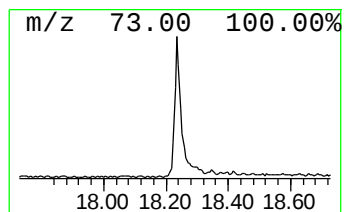
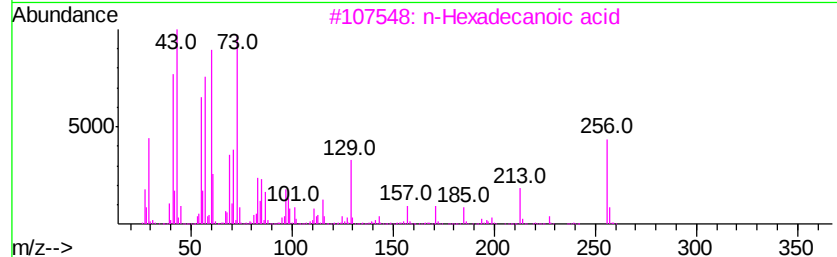
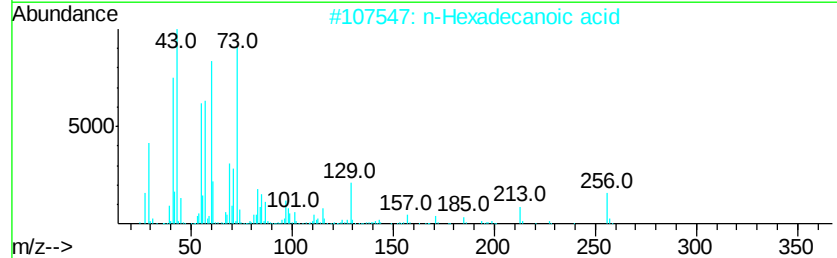
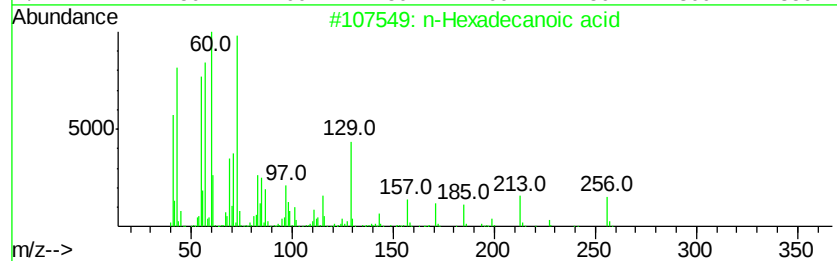
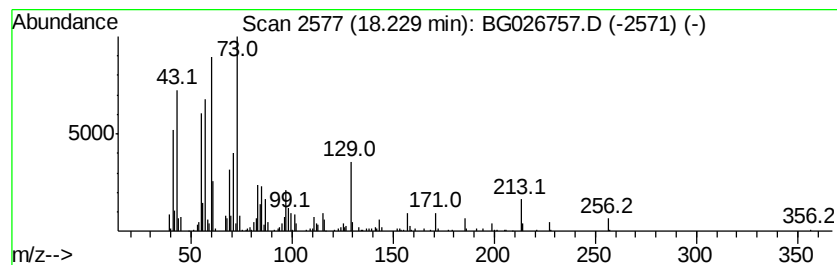
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.43 ng/ul	585850	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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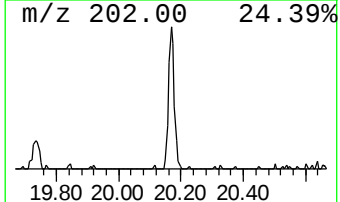
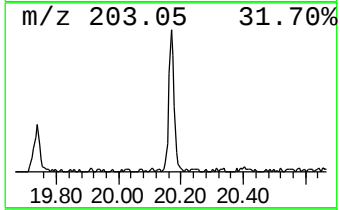
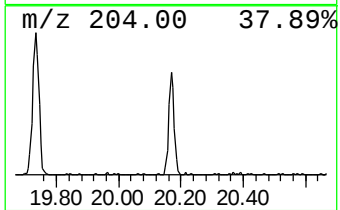
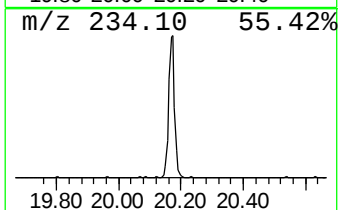
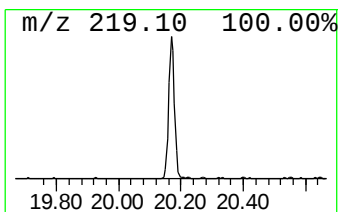
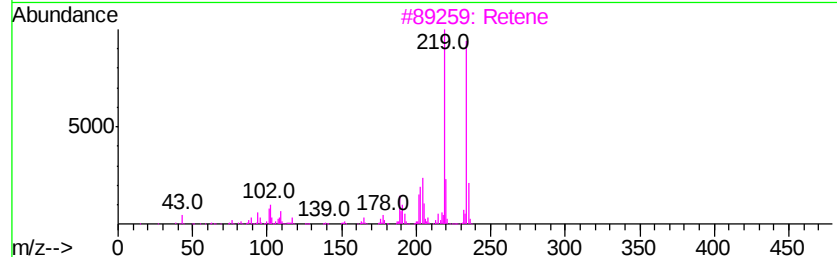
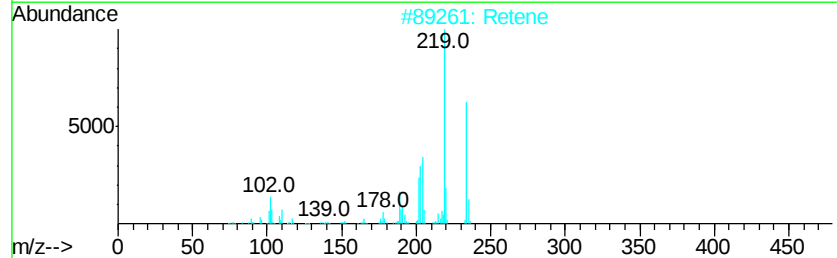
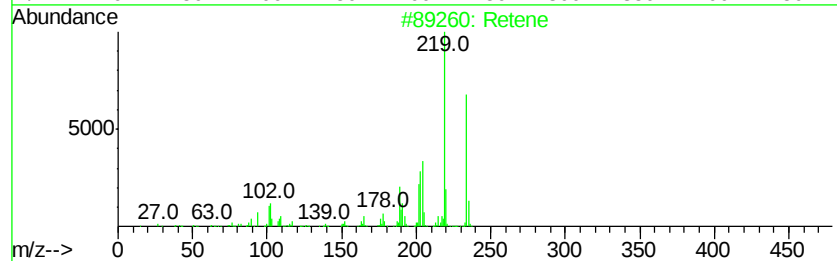
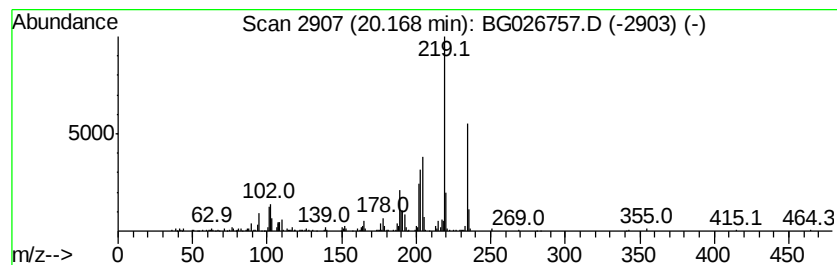
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Retene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.16 ng/ul	249761	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	99
2		Retene	234	C18H18	000483-65-8	95
3		Retene	234	C18H18	000483-65-8	94
4		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
5		2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	68



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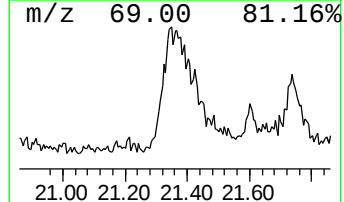
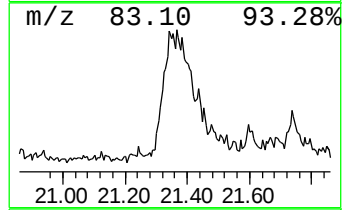
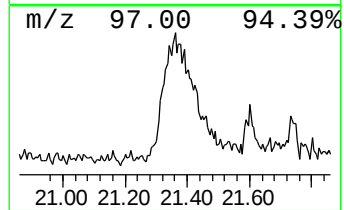
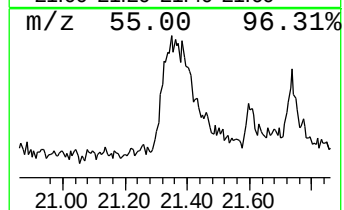
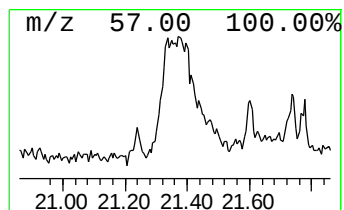
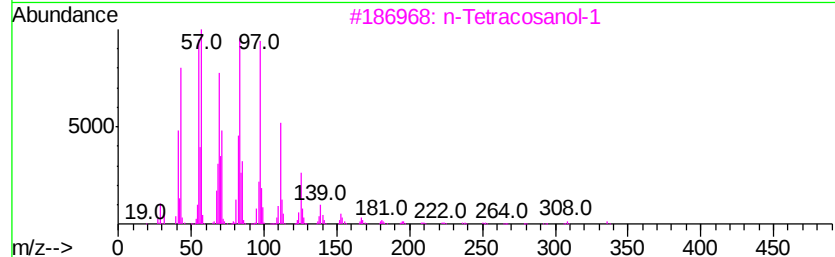
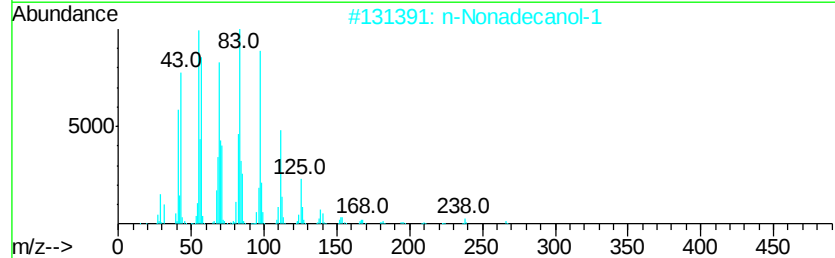
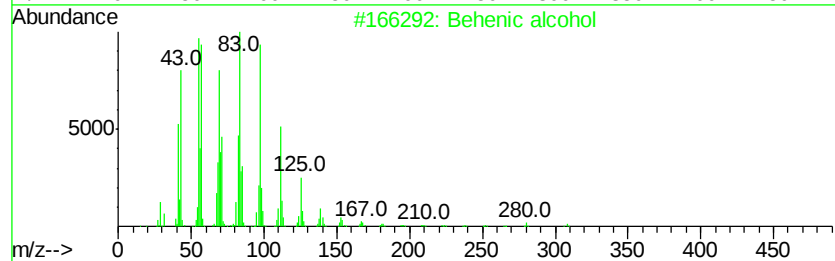
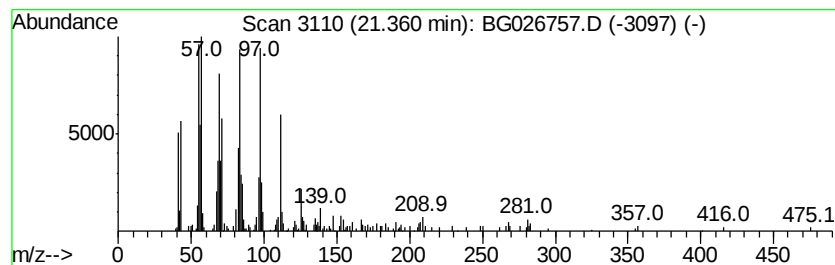
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Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	5.70 ng/ul	659776	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		n-Nonadecanol-1	284 C19H40O	001454-84-8 91
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 91
4		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
5		1-Heneicosanol	312 C21H44O	015594-90-8 90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026757.D
Acq On : 28 Apr 2017 21:39
Operator : SJ/MA
Sample : I2816-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT43

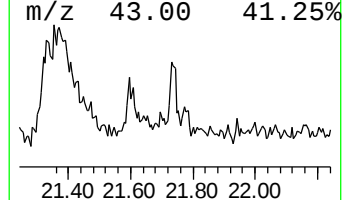
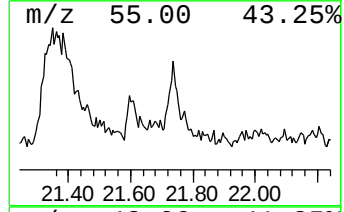
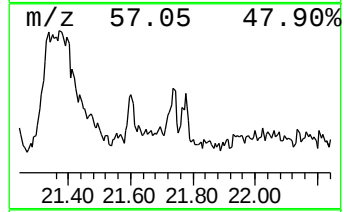
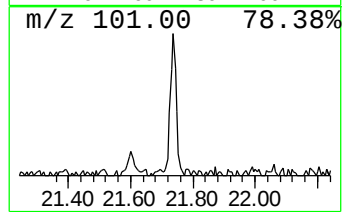
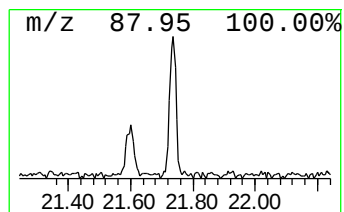
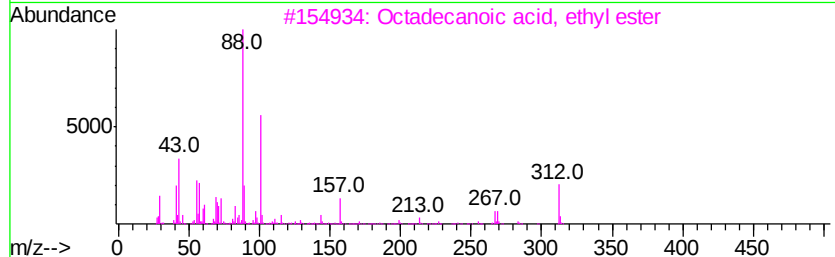
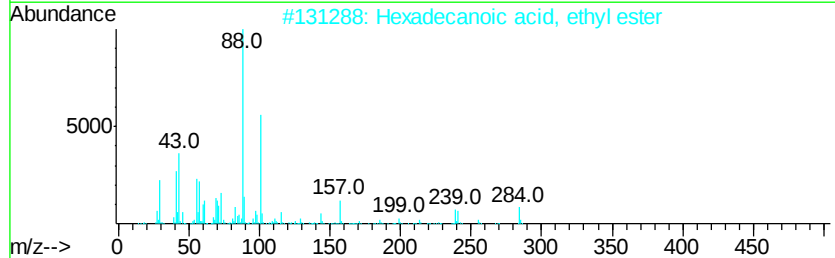
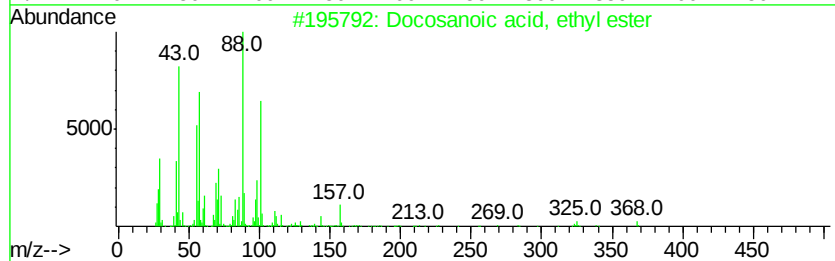
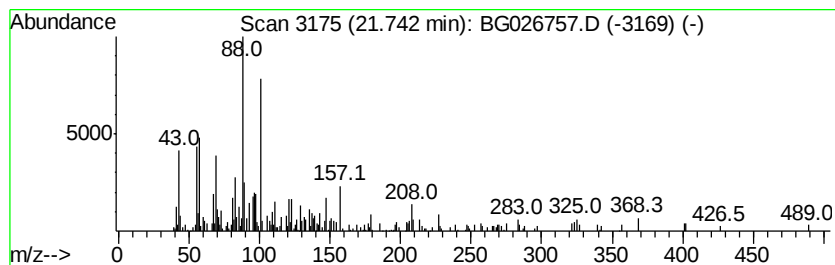
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Docosanoic acid, ethyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	2.48 ng/ul	287381	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, ethyl ester	368	C24H48O2	005908-87-2	83
2		Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	64
3		Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	50
4		Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	50
5		Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026757.D
Acq On : 28 Apr 2017 21:39
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Sample : I2816-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT43

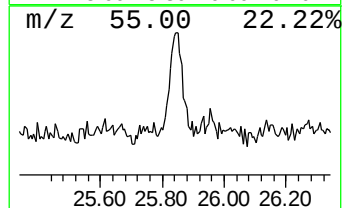
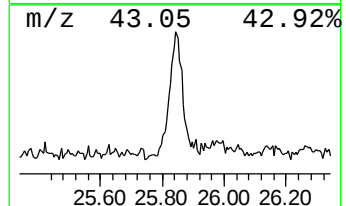
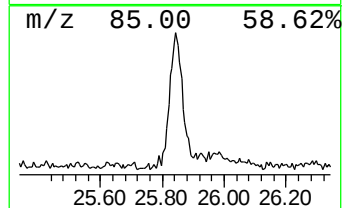
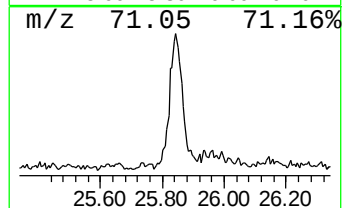
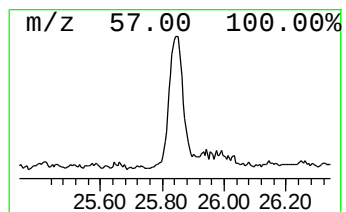
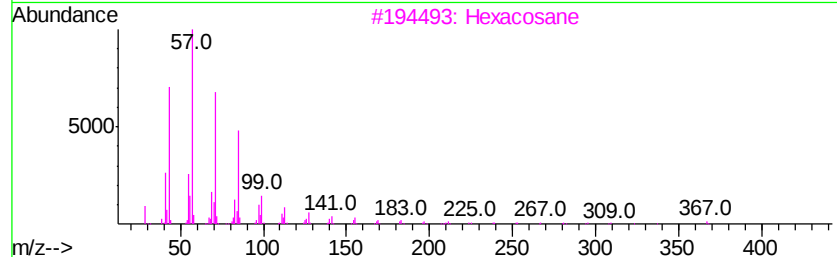
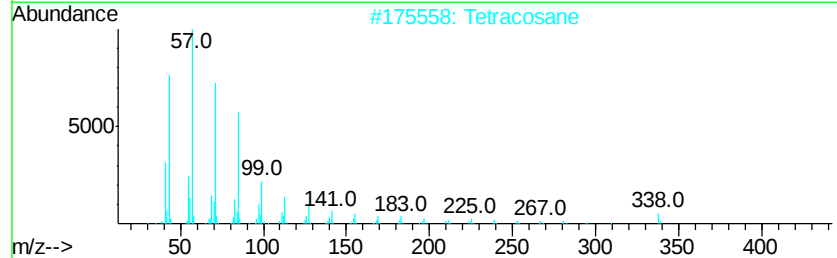
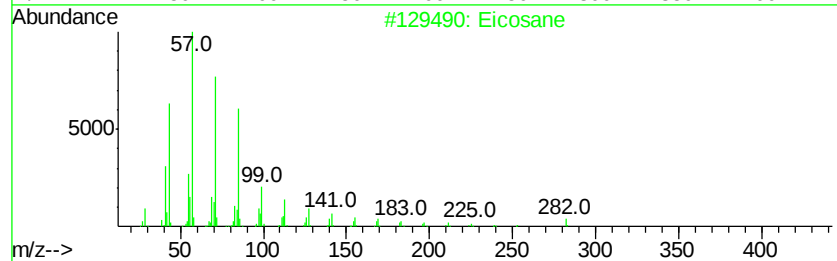
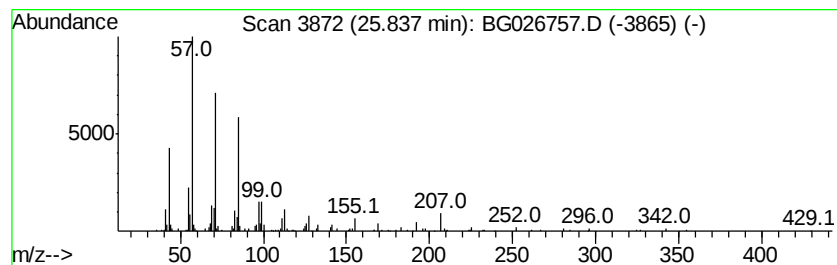
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.15 ng/ul	277231	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	86
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
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Sample : I2816-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT43

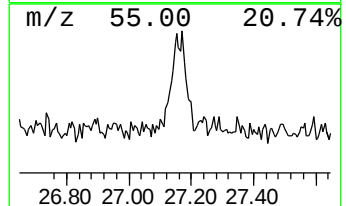
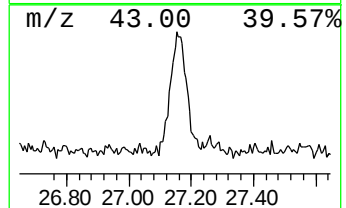
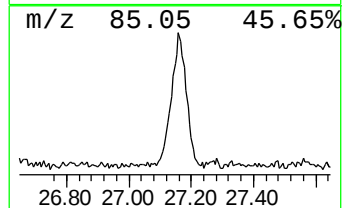
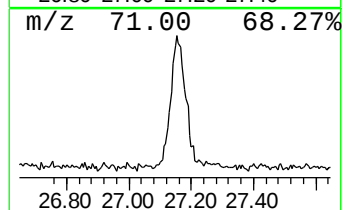
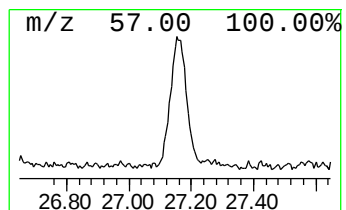
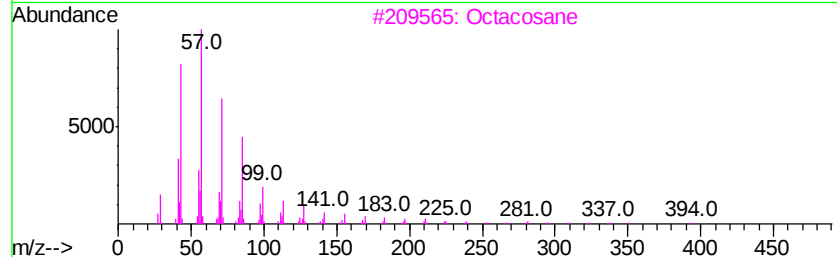
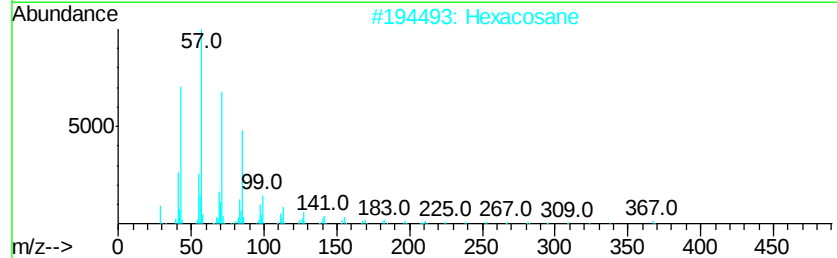
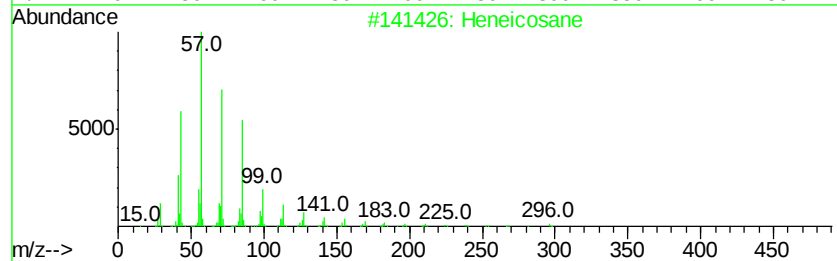
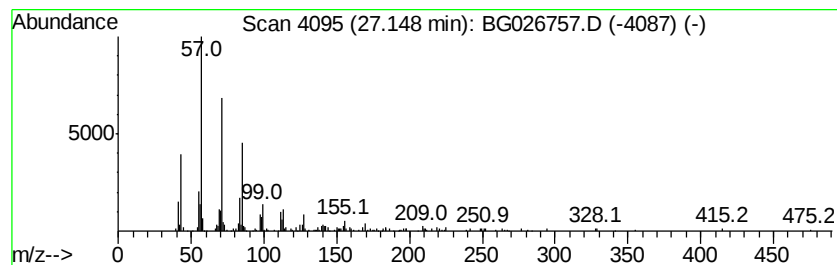
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.39 ng/ul	307457	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octacosane	394	C28H58	000630-02-4	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\
Data File : BG026757.D
Acq On : 28 Apr 2017 21:39
Operator : SJ/MA
Sample : I2816-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT43

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	18.23	5.4	ng/ul	585850	4	17.35	2157320	20.0
Retene	20.17	2.2	ng/ul	249761	5	21.60	2315430	20.0
Behenic alcohol	21.36	5.7	ng/ul	659776	5	21.60	2315430	20.0
Docosanoic acid, ...	21.74	2.5	ng/ul	287381	5	21.60	2315430	20.0
(DEL) Alkane: Str...	25.84	2.1	ng/ul	277231	6	24.76	2573440	20.0
(DEL) Alkane: Str...	27.15	2.4	ng/ul	307457	6	24.76	2573440	20.0