

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026819.D
 Acq On : 1 May 2017 23:09
 Operator : SJ/MA
 Sample : I2850-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSY5

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	55	58	63	rVB	30800	40128	1.24%	0.089%
2	5.108	341	344	351	rVB3	14699	23825	0.73%	0.053%
3	7.188	691	698	716	rVB	386646	799366	24.61%	1.764%
4	7.329	716	722	732	rBV	429669	718893	22.13%	1.587%
5	7.547	753	759	767	rBV	503012	865384	26.65%	1.910%
6	8.011	830	838	847	rBV	463470	802513	24.71%	1.771%
7	8.727	952	960	973	rBV	390742	786692	24.22%	1.736%
8	9.168	1027	1035	1044	rBV	502747	903646	27.82%	1.994%
9	9.585	1103	1106	1112	rVB4	13557	21024	0.65%	0.046%
10	9.891	1151	1158	1170	rVB	434639	784835	24.16%	1.732%
11	10.437	1244	1251	1282	rVB	630911	1275940	39.29%	2.816%
12	10.807	1307	1314	1329	rVB	819946	1483935	45.69%	3.275%
13	10.943	1329	1337	1359	rVB	419162	860473	26.49%	1.899%
14	11.348	1403	1406	1414	rVB5	5818	13905	0.43%	0.031%
15	12.282	1560	1565	1567	rBV4	8140	13167	0.41%	0.029%
16	12.323	1567	1572	1579	rVV6	12360	26999	0.83%	0.060%
17	12.394	1579	1584	1591	rVB2	14234	24044	0.74%	0.053%
18	13.234	1721	1727	1734	rVB6	6497	13643	0.42%	0.030%
19	13.445	1759	1763	1766	rBV4	8397	12463	0.38%	0.028%
20	13.557	1773	1782	1797	rVB8	22312	72566	2.23%	0.160%
21	14.021	1853	1861	1865	rVV	1348051	1906274	58.69%	4.207%
22	14.068	1865	1869	1877	rVV	263866	386191	11.89%	0.852%
23	14.145	1877	1882	1887	rVB7	5988	12050	0.37%	0.027%
24	14.315	1899	1911	1922	rBV	1609745	2546683	78.41%	5.621%
25	14.509	1937	1944	1952	rVB3	30588	49964	1.54%	0.110%
26	14.621	1952	1963	1971	rBV2	1207589	1943590	59.84%	4.290%
27	14.697	1971	1976	1986	rVB2	5056	14140	0.44%	0.031%
28	14.850	1991	2002	2015	rBV	180369	504284	15.53%	1.113%
29	15.126	2043	2049	2058	rBV6	17962	39852	1.23%	0.088%
30	15.402	2092	2096	2100	rBV4	12215	22796	0.70%	0.050%
31	15.455	2100	2105	2110	rVV	53034	70226	2.16%	0.155%
32	15.496	2110	2112	2119	rVV6	7619	11712	0.36%	0.026%
33	15.608	2119	2131	2143	rVV	1990041	2988183	92.01%	6.595%
34	15.731	2144	2152	2161	rVV	454112	717928	22.10%	1.585%

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35	15.802	2161	2164	2167	rVV4	19702	25642	0.79%	0.057%
36	15.849	2167	2172	2178	rVV4	37117	77739	2.39%	0.172%
37	15.948	2185	2189	2196	rVV9	11322	16722	0.51%	0.037%
38	16.001	2196	2198	2204	rVV4	8977	11970	0.37%	0.026%
39	16.078	2204	2211	2214	rVB6	13646	19957	0.61%	0.044%
40	16.154	2218	2224	2227	rBV8	5037	12511	0.39%	0.028%
41	16.313	2245	2251	2260	rBV	65616	115971	3.57%	0.256%
42	16.654	2304	2309	2313	rBV5	12822	21999	0.68%	0.049%
43	16.765	2323	2328	2332	rBV7	13307	23732	0.73%	0.052%
44	16.824	2334	2338	2343	rVB8	8053	13338	0.41%	0.029%
45	17.018	2365	2371	2377	rBV9	11403	21934	0.68%	0.048%
46	17.100	2377	2385	2389	rVV2	43446	59775	1.84%	0.132%
47	17.153	2389	2394	2401	rVB4	20997	34688	1.07%	0.077%
48	17.247	2404	2410	2417	rBV6	29453	59450	1.83%	0.131%
49	17.359	2417	2429	2439	rVV2	1327900	2041447	62.86%	4.506%
50	17.453	2439	2445	2454	rVB2	1856944	2858744	88.02%	6.310%
51	17.735	2490	2493	2500	rVB8	4923	11805	0.36%	0.026%
52	17.834	2507	2510	2514	rBV	19116	28422	0.88%	0.063%
53	17.881	2514	2518	2524	rVV9	11025	26360	0.81%	0.058%
54	17.934	2524	2527	2537	rVV9	11567	30405	0.94%	0.067%
55	18.122	2550	2559	2564	rBV10	21261	53898	1.66%	0.119%
56	18.175	2564	2568	2574	rBV4	37975	69900	2.15%	0.154%
57	18.234	2574	2578	2587	rBV2	317549	523831	16.13%	1.156%
58	18.363	2596	2600	2613	rVB7	50803	118429	3.65%	0.261%
59	18.528	2622	2628	2633	rBV9	26109	52634	1.62%	0.116%
60	18.657	2646	2650	2652	rBV4	28359	34834	1.07%	0.077%
61	18.692	2653	2656	2661	rVV7	22122	35597	1.10%	0.079%
62	18.733	2661	2663	2666	rVB4	12053	12599	0.39%	0.028%
63	18.839	2675	2681	2686	rBV10	19342	30335	0.93%	0.067%
64	18.957	2693	2701	2707	rVB5	36052	84923	2.61%	0.187%
65	19.156	2730	2735	2740	rBV6	29965	55408	1.71%	0.122%
66	19.292	2753	2758	2764	rBV9	16103	27068	0.83%	0.060%
67	19.374	2766	2772	2776	rBV2	37328	77242	2.38%	0.170%
68	19.450	2782	2785	2789	rVB5	16928	27947	0.86%	0.062%
69	19.503	2789	2794	2805	rBV2	110707	195744	6.03%	0.432%
70	19.626	2811	2815	2823	rVB2	22813	43296	1.33%	0.096%
71	19.732	2824	2833	2846	rBV	2062801	3114493	95.89%	6.874%

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72	19.914	2860	2864	2868	rBV7	13009	22018	0.68%	0.049%
73	19.961	2869	2872	2875	rBV5	14285	20545	0.63%	0.045%
74	20.008	2876	2880	2886	rVV9	32412	55690	1.71%	0.123%
75	20.173	2904	2908	2914	rBV	87501	128593	3.96%	0.284%
76	20.261	2920	2923	2929	rVB7	31785	49943	1.54%	0.110%
77	20.326	2929	2934	2939	rBV8	28668	64331	1.98%	0.142%
78	20.414	2941	2949	2955	rVB4	138384	201105	6.19%	0.444%
79	20.572	2969	2976	2986	rBV10	101773	278662	8.58%	0.615%
80	20.690	2991	2996	3002	rVB	199597	287015	8.84%	0.633%
81	20.743	3003	3005	3012	rVB7	20224	23575	0.73%	0.052%
82	20.860	3020	3025	3031	rBV10	17846	48521	1.49%	0.107%
83	21.095	3062	3065	3068	rBV5	38710	51579	1.59%	0.114%
84	21.225	3082	3087	3100	rBV3	150749	292994	9.02%	0.647%
85	21.372	3103	3112	3128	rBV7	142480	762287	23.47%	1.682%
86	21.607	3144	3152	3170	rBV	1791132	3247823	100.00%	7.168%
87	21.736	3172	3174	3179	rVB5	36280	45681	1.41%	0.101%
88	22.000	3214	3219	3225	rVB4	54815	85548	2.63%	0.189%
89	22.370	3279	3282	3286	rBV5	37765	54239	1.67%	0.120%
90	22.576	3313	3317	3319	rBV5	30568	44781	1.38%	0.099%
91	22.858	3358	3365	3386	rBV	590787	1597230	49.18%	3.525%
92	23.046	3394	3397	3403	rVB2	54892	94769	2.92%	0.209%
93	23.833	3524	3531	3539	rVB2	86533	187351	5.77%	0.414%
94	24.550	3642	3653	3666	rBV2	1096000	3009590	92.66%	6.642%
95	24.762	3679	3689	3704	rVB2	852753	2428762	74.78%	5.360%
96	25.854	3866	3875	3885	rBV3	129812	349278	10.75%	0.771%
97	26.283	3940	3948	3956	rVB3	48117	149442	4.60%	0.330%
98	27.159	4090	4097	4109	rVB2	85373	297586	9.16%	0.657%
99	28.757	4358	4369	4382	rBV5	80182	367284	11.31%	0.811%
100	30.666	4688	4694	4709	rVB6	58317	234178	7.21%	0.517%

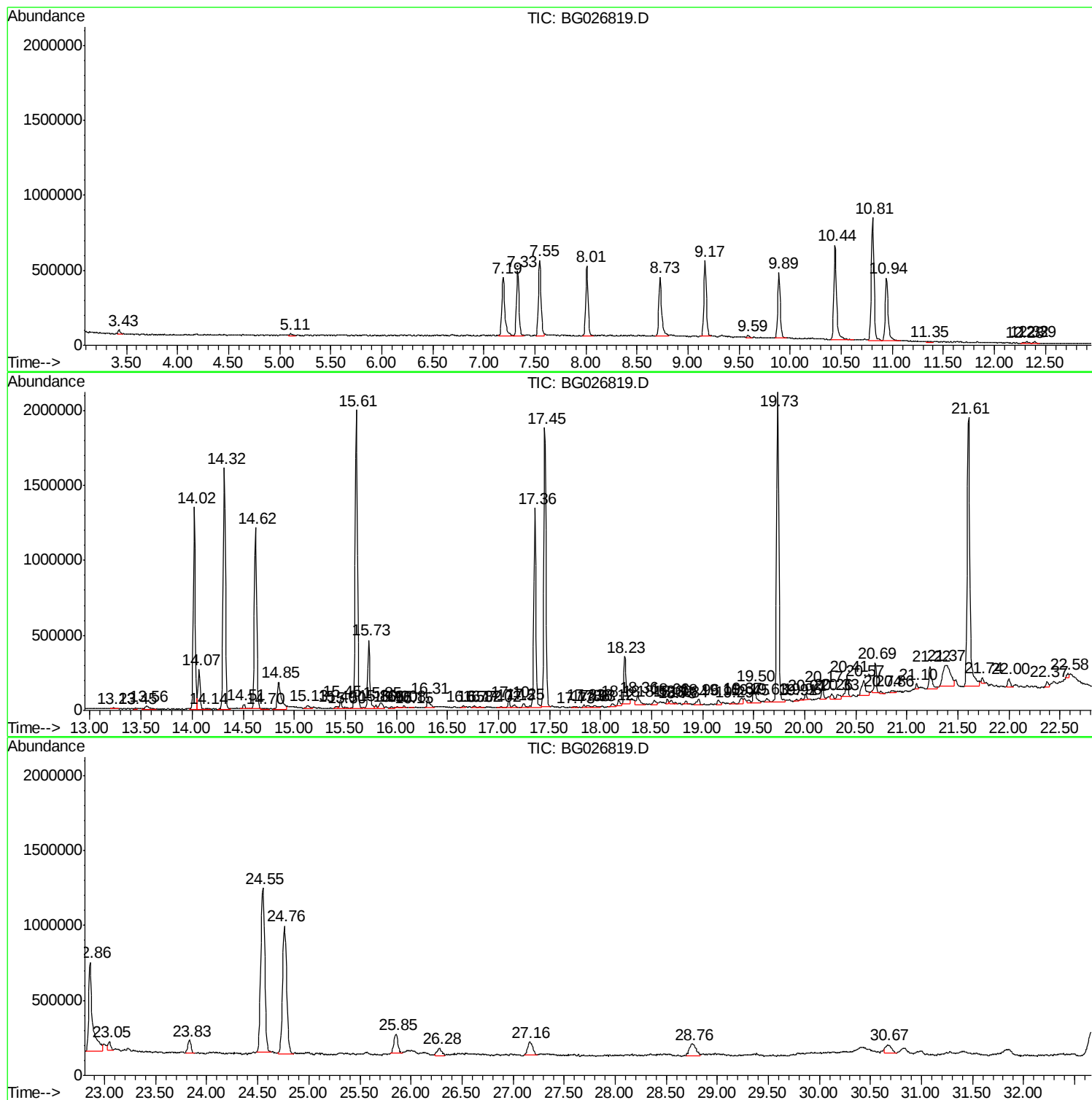
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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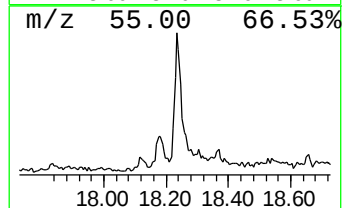
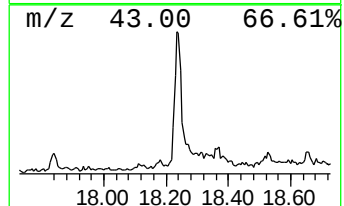
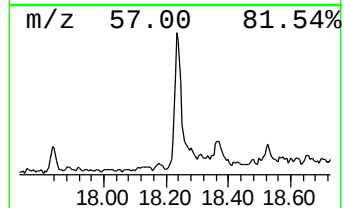
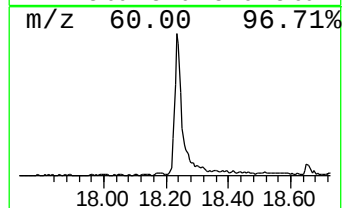
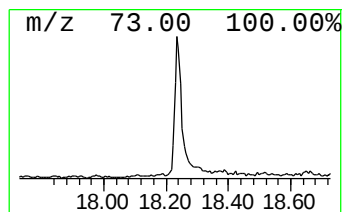
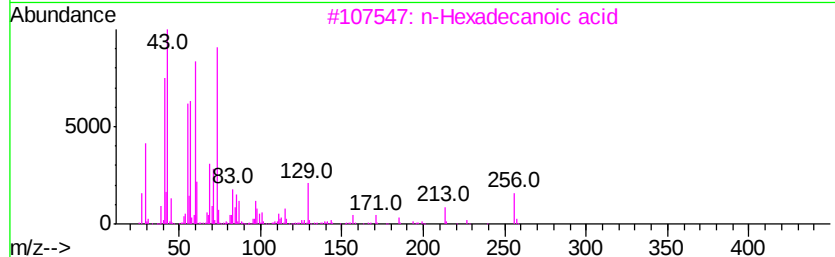
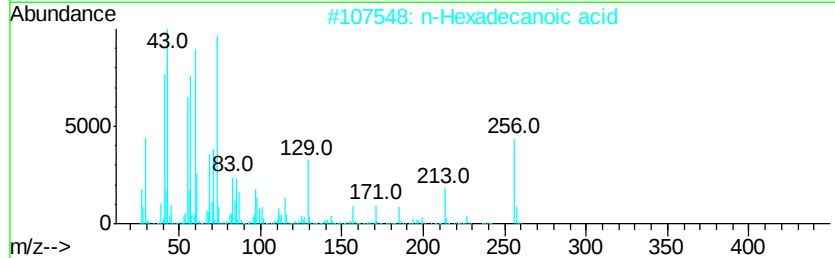
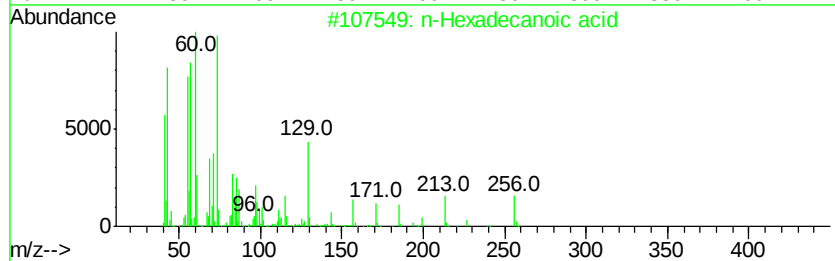
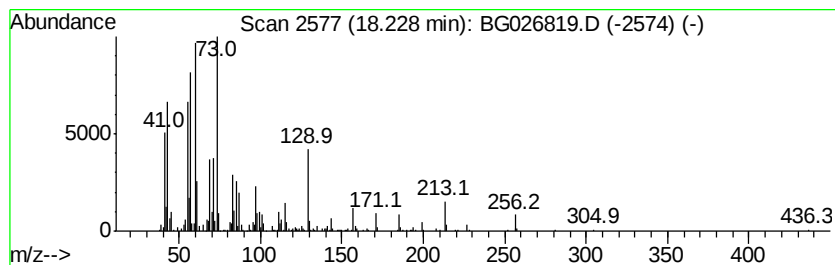
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	5.13 ng/ul	523831	Phenanthrene-d10	17.36

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	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	83



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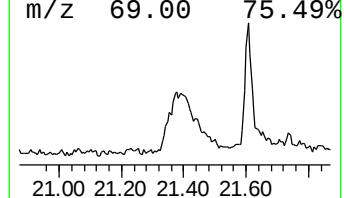
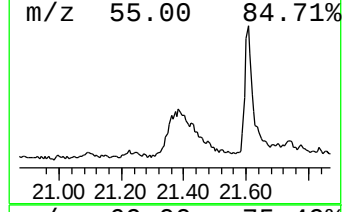
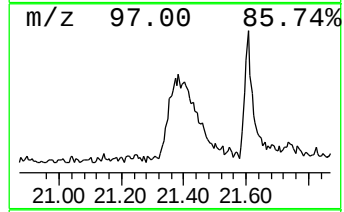
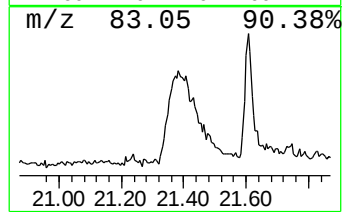
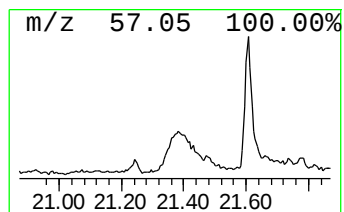
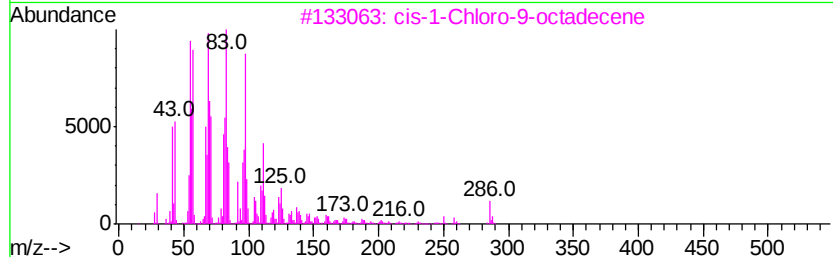
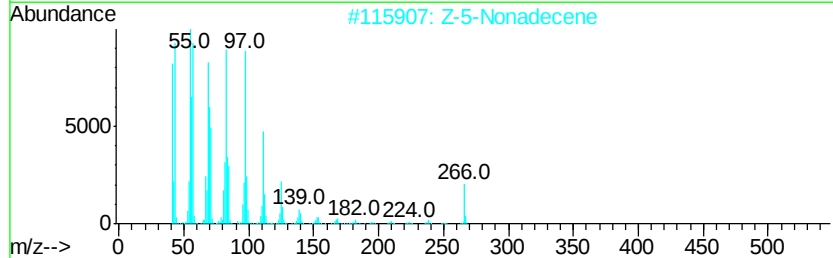
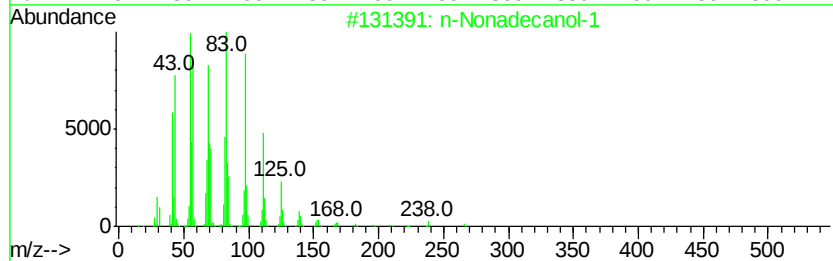
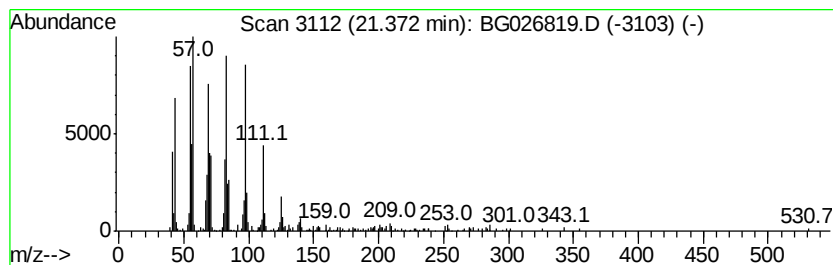
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.69 ng/ul	762287	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2		Z-5-Nonadecene	266	C19H38	1000131-11-8	92
3		cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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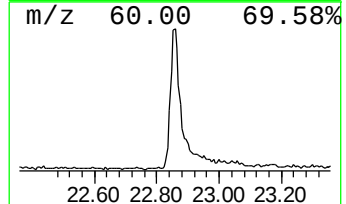
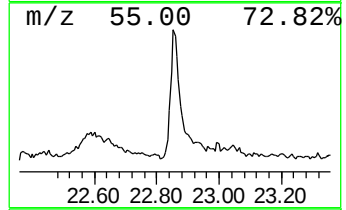
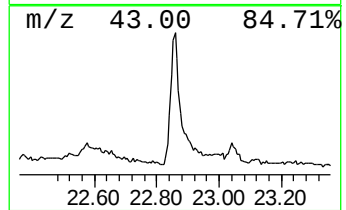
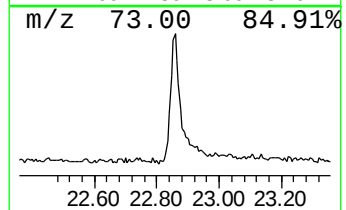
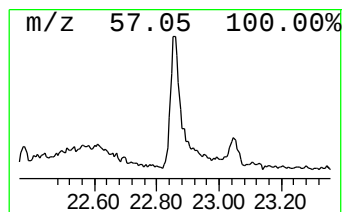
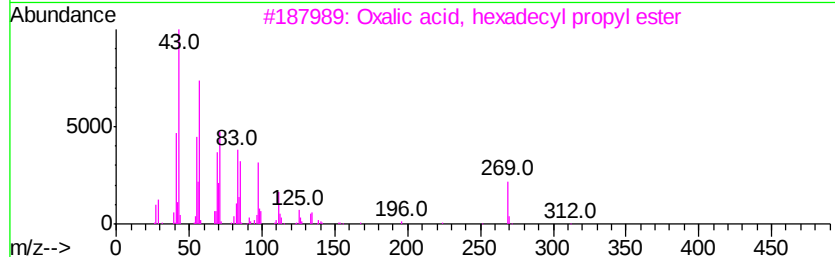
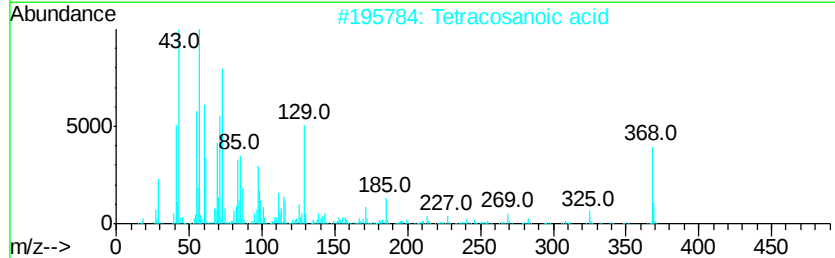
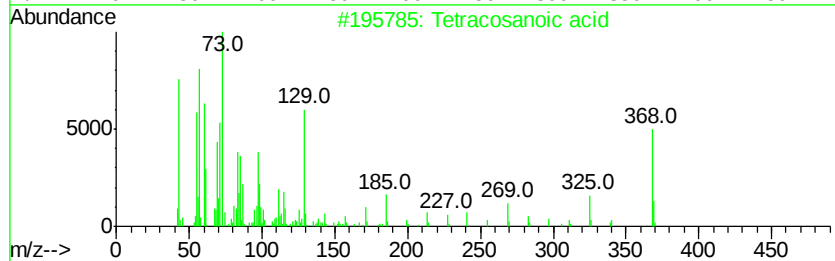
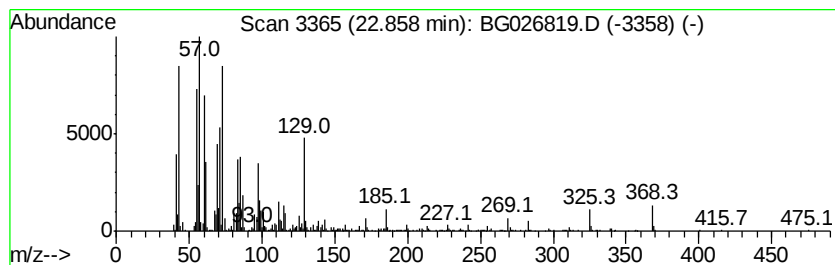
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Peak Number 3 Tetracosanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	9.84 ng/ul	1597230	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2		Tetracosanoic acid	368	C24H48O2	000557-59-5	98
3		Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	30
4		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	30
5		n-Decanoic acid	172	C10H20O2	000334-48-5	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026819.D
Acq On : 1 May 2017 23:09
Operator : SJ/MA
Sample : I2850-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSY5

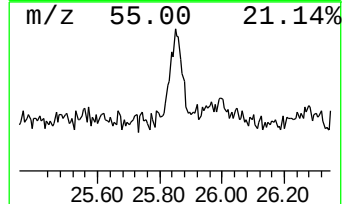
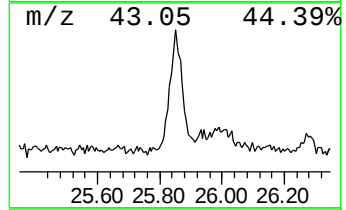
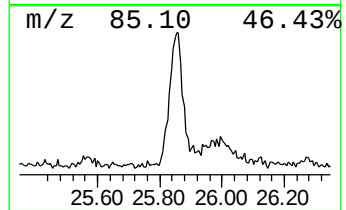
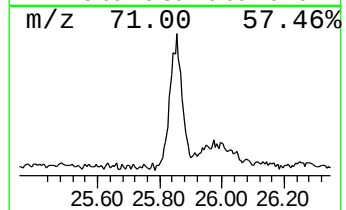
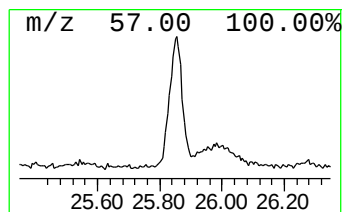
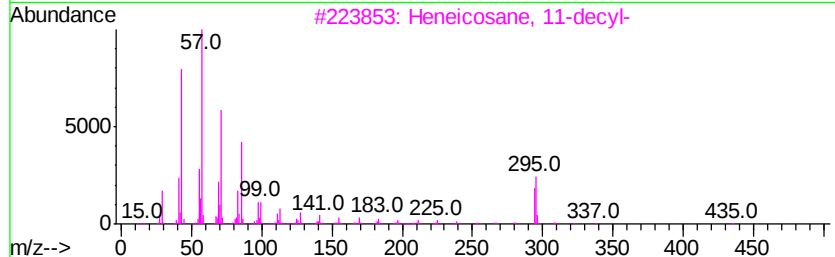
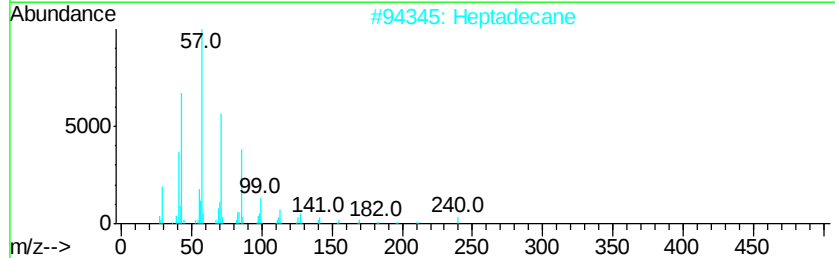
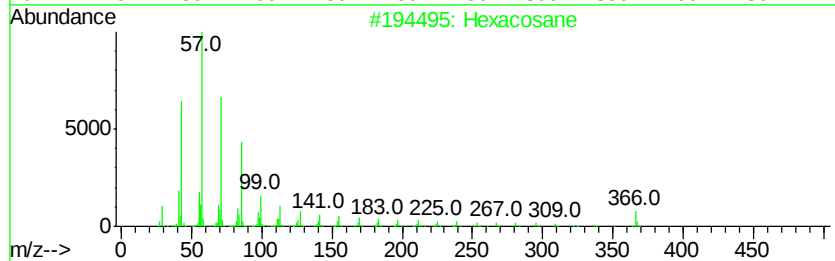
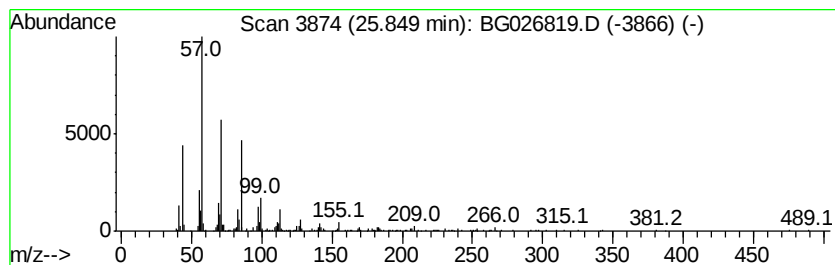
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.88 ng/ul	349278	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		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026819.D
Acq On : 1 May 2017 23:09
Operator : SJ/MA
Sample : I2850-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSY5

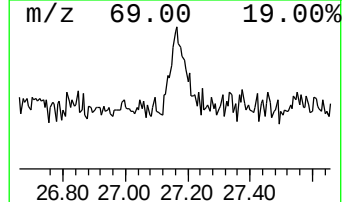
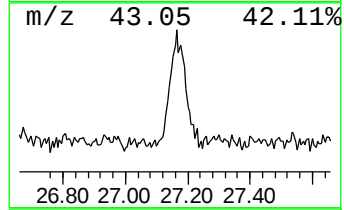
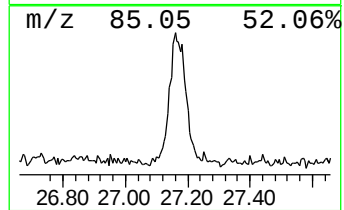
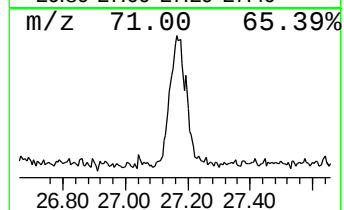
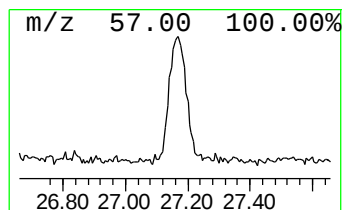
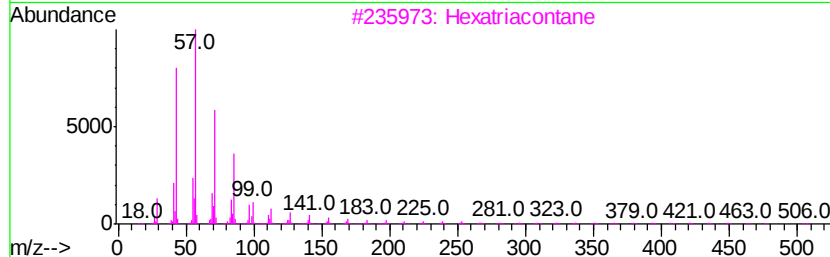
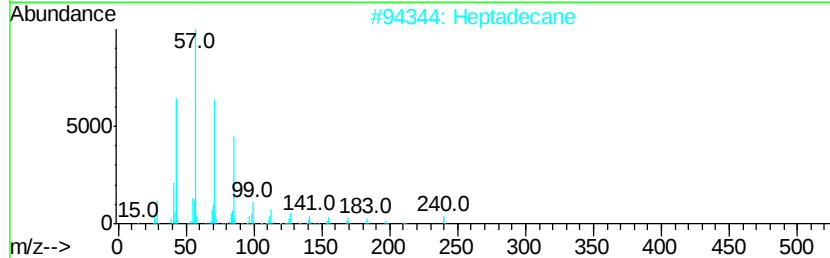
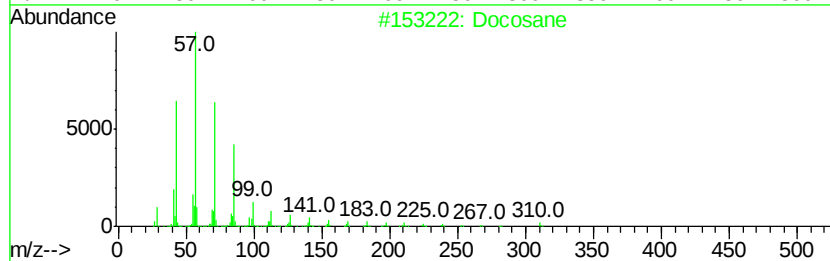
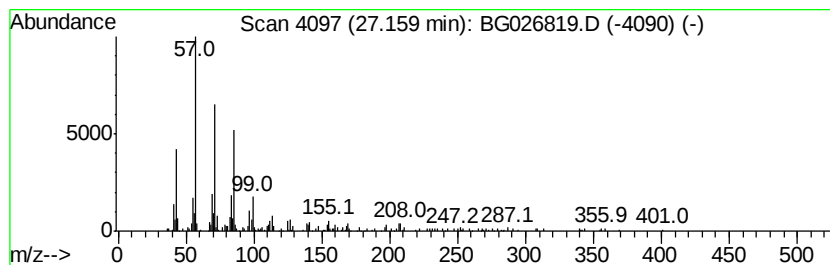
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Quant Title : SVOA CALIBRATION

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.
27.16	2.45 ng/ul	297586	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	80
2		Heptadecane	240	C17H36	000629-78-7	80
3		Hexatriacontane	507	C36H74	000630-06-8	80
4		Tetracosane	338	C24H50	000646-31-1	80
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026819.D
Acq On : 1 May 2017 23:09
Operator : SJ/MA
Sample : I2850-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSY5

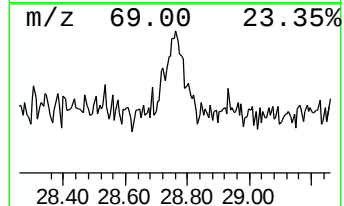
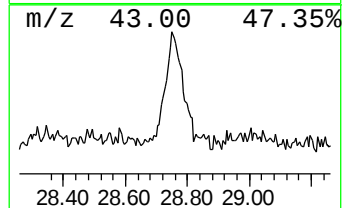
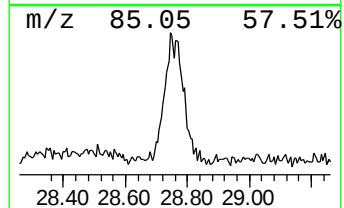
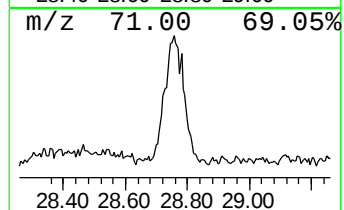
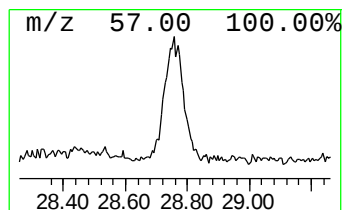
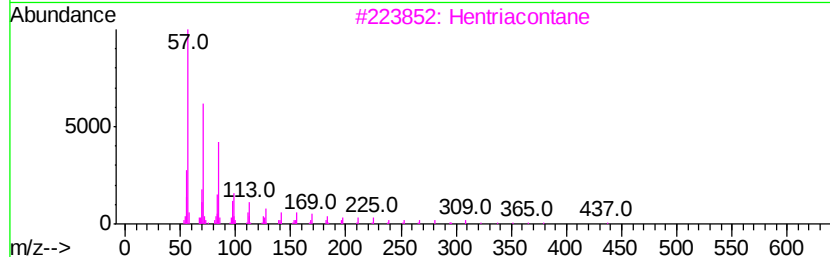
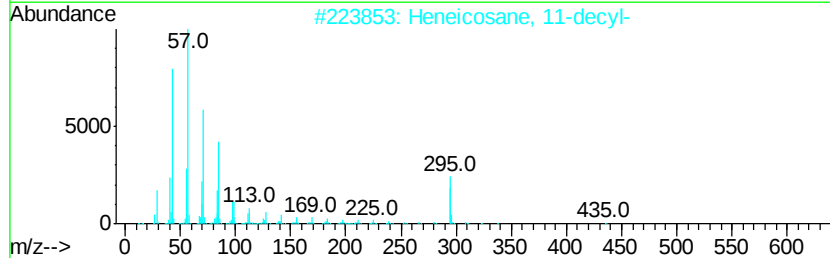
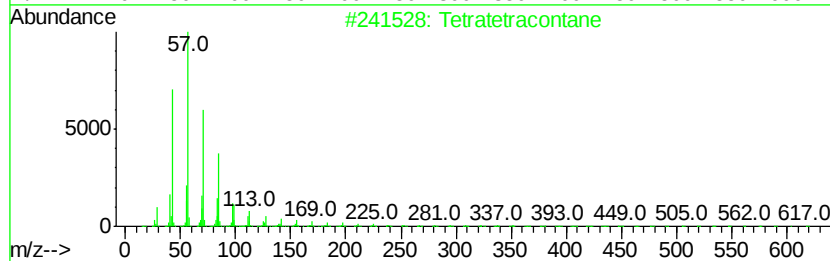
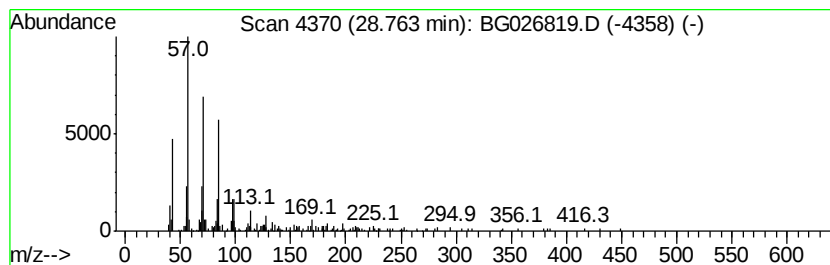
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
28.76	3.02 ng/ul	367284	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3			Hentriacontane	437	C31H64	000630-04-6	87
4			1-Chloroeicosane	316	C20H41Cl	042217-02-7	86
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
Data File : BG026819.D
Acq On : 1 May 2017 23:09
Operator : SJ/MA
Sample : I2850-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSY5

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	5.1	ng/ul	523831	4	17.36	2041450	20.0
n-Nonadecanol-1	21.37	4.7	ng/ul	762287	5	21.60	3247820	20.0
Tetracosanoic acid	22.86	9.8	ng/ul	1597230	5	21.60	3247820	20.0
(DEL) Alkane: Str...	25.85	2.9	ng/ul	349278	6	24.76	2428760	20.0
(DEL) Alkane: Str...	27.16	2.5	ng/ul	297586	6	24.76	2428760	20.0
(DEL) Alkane: Str...	28.76	3.0	ng/ul	367284	6	24.76	2428760	20.0