

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046947.D
 Acq On : 17 Oct 2020 18:18
 Operator : CG/JU
 Sample : L4201-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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	3.486	21	25	30	rVB3	13767	20282	0.79%	0.075%
2	3.756	67	71	73	rBV2	5708	9092	0.35%	0.033%
3	4.238	147	153	157	rVB4	3638	6608	0.26%	0.024%
4	6.165	480	481	489	rVB3	1974	3958	0.15%	0.015%
5	7.223	653	661	672	rBV	362590	663236	25.85%	2.436%
6	7.393	681	690	699	rBV	256923	426889	16.64%	1.568%
7	7.599	718	725	732	rBV	351526	603534	23.52%	2.217%
8	7.652	732	734	735	rBV2	8437	7106	0.28%	0.026%
9	8.069	796	805	813	rBV	221419	368835	14.37%	1.355%
10	8.128	813	815	819	rVB2	2868	3954	0.15%	0.015%
11	8.768	916	924	933	rBV	458263	791441	30.84%	2.907%
12	9.232	995	1003	1010	rVV	354110	625167	24.36%	2.296%
13	9.385	1026	1029	1031	rBV4	2856	3979	0.16%	0.015%
14	9.649	1070	1074	1079	rVB4	3502	6141	0.24%	0.023%
15	9.955	1119	1126	1135	rBV	327746	567509	22.12%	2.085%
16	10.495	1210	1218	1229	rBV	484743	858244	33.45%	3.153%
17	10.883	1277	1284	1291	rBV	316635	552527	21.53%	2.030%
18	11.012	1297	1306	1318	rBV	418605	778219	30.33%	2.859%
19	12.352	1531	1534	1537	rVV	2317	3666	0.14%	0.013%
20	12.387	1537	1540	1546	rVV	5693	9907	0.39%	0.036%
21	12.464	1546	1553	1560	rVB3	7801	13916	0.54%	0.051%
22	13.515	1728	1732	1734	rBV2	2971	3127	0.12%	0.011%
23	13.586	1740	1744	1749	rVB5	9306	13796	0.54%	0.051%
24	14.097	1825	1831	1836	rBV	893040	1352026	52.69%	4.966%
25	14.144	1836	1839	1846	rVB	221549	290276	11.31%	1.066%
26	14.391	1873	1881	1890	rVB	977870	1559651	60.78%	5.729%
27	14.538	1904	1906	1910	rVV2	3138	3129	0.12%	0.011%
28	14.591	1910	1915	1918	rVV4	4725	5946	0.23%	0.022%
29	14.655	1921	1926	1928	rVV2	36866	51642	2.01%	0.190%
30	14.696	1928	1933	1941	rVV	546142	858681	33.47%	3.154%
31	14.761	1941	1944	1948	rVV2	7462	8470	0.33%	0.031%
32	14.884	1958	1965	1972	rBV	423176	682062	26.58%	2.505%
33	14.943	1972	1975	1981	rVV5	10910	18713	0.73%	0.069%
34	15.014	1984	1987	1989	rBV3	3199	4271	0.17%	0.016%

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35	15.102	1997	2002	2008	rVV5	16103	27266	1.06%	0.100%
36	15.437	2055	2059	2062	rVB3	4312	6647	0.26%	0.024%
37	15.484	2065	2067	2071	rVV2	4255	6515	0.25%	0.024%
38	15.531	2073	2075	2081	rVV	2554	4552	0.18%	0.017%
39	15.689	2093	2102	2109	rBV	1306970	1962578	76.49%	7.209%
40	15.801	2113	2121	2130	rBV	460828	672673	26.22%	2.471%
41	15.930	2138	2143	2153	rVB	18484	28776	1.12%	0.106%
42	16.071	2164	2167	2172	rBV5	8281	12567	0.49%	0.046%
43	16.165	2179	2183	2188	rVB6	7498	11784	0.46%	0.043%
44	16.253	2193	2198	2207	rVB4	7415	14051	0.55%	0.052%
45	16.341	2208	2213	2214	rBV2	2878	4418	0.17%	0.016%
46	16.377	2214	2219	2226	rVV3	22364	39076	1.52%	0.144%
47	16.471	2230	2235	2241	rBV4	6924	10751	0.42%	0.039%
48	16.535	2241	2246	2247	rBV4	3216	3344	0.13%	0.012%
49	16.823	2291	2295	2302	rVV5	6476	12114	0.47%	0.044%
50	17.099	2339	2342	2343	rBV2	4201	3983	0.16%	0.015%
51	17.229	2358	2364	2369	rBV3	3952	7554	0.29%	0.028%
52	17.440	2394	2400	2410	rVB	724289	1096646	42.74%	4.028%
53	17.540	2410	2417	2425	rBV	1337437	2061663	80.35%	7.573%
54	17.605	2425	2428	2430	rVB2	4356	3758	0.15%	0.014%
55	17.710	2445	2446	2448	rVV	3450	3117	0.12%	0.011%
56	18.098	2509	2512	2514	rVV3	3790	3132	0.12%	0.012%
57	18.263	2537	2540	2543	rBV5	5926	7134	0.28%	0.026%
58	18.321	2546	2550	2557	rBV	180384	256338	9.99%	0.942%
59	18.498	2577	2580	2585	rBV5	3035	3863	0.15%	0.014%
60	18.627	2598	2602	2603	rBV4	2842	3253	0.13%	0.012%
61	18.674	2608	2610	2613	rVV2	6223	6242	0.24%	0.023%
62	18.727	2617	2619	2620	rBV2	5376	4214	0.16%	0.015%
63	18.827	2633	2636	2639	rVB5	3098	3588	0.14%	0.013%
64	18.985	2661	2663	2665	rBV3	3650	3109	0.12%	0.011%
65	19.062	2675	2676	2682	rBV6	3529	4870	0.19%	0.018%
66	19.121	2684	2686	2690	rVB5	4266	5115	0.20%	0.019%
67	19.220	2700	2703	2706	rBV3	14040	16186	0.63%	0.059%
68	19.385	2729	2731	2735	rVB5	5598	6393	0.25%	0.023%
69	19.455	2739	2743	2748	rBV2	20449	36325	1.42%	0.133%
70	19.549	2758	2759	2762	rBV3	6526	6890	0.27%	0.025%
71	19.591	2762	2766	2770	rBV4	60968	82462	3.21%	0.303%

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72	19.673	2778	2780	2782	rBV2	5026	3844	0.15%	0.014%
73	19.708	2782	2786	2790	rVV	21008	28699	1.12%	0.105%
74	19.743	2790	2792	2796	rVB3	9933	8811	0.34%	0.032%
75	19.826	2800	2806	2815	rBV	1837658	2565906	100.00%	9.425%
76	19.920	2820	2822	2824	rBV3	3826	3653	0.14%	0.013%
77	20.137	2855	2859	2862	rBV	77547	87462	3.41%	0.321%
78	20.172	2862	2865	2869	rVB	111519	122380	4.77%	0.450%
79	20.319	2886	2890	2893	rBV6	12527	22880	0.89%	0.084%
80	20.636	2939	2944	2945	rBV5	17438	22793	0.89%	0.084%
81	20.725	2953	2959	2967	rBV	168952	233869	9.11%	0.859%
82	20.842	2974	2979	2981	rBV5	21788	33354	1.30%	0.123%
83	21.124	3024	3027	3030	rBV2	54364	65427	2.55%	0.240%
84	21.165	3030	3034	3042	rVB	584258	794505	30.96%	2.918%
85	21.341	3060	3064	3074	rBV	270794	418327	16.30%	1.537%
86	21.594	3105	3107	3109	rVB3	11516	8325	0.32%	0.031%
87	21.712	3120	3127	3136	rBV	696071	1138912	44.39%	4.184%
88	21.900	3156	3159	3164	rVB3	24369	34189	1.33%	0.126%
89	22.235	3212	3216	3219	rBV4	21830	25694	1.00%	0.094%
90	22.276	3219	3223	3229	rVB4	33499	48164	1.88%	0.177%
91	22.517	3260	3264	3266	rBV5	35117	52156	2.03%	0.192%
92	23.698	3462	3465	3473	rVB8	25097	53822	2.10%	0.198%
93	23.909	3499	3501	3505	rBV5	10079	12364	0.48%	0.045%
94	24.027	3515	3521	3528	rVB2	48862	101831	3.97%	0.374%
95	24.344	3574	3575	3578	rVB3	11199	5579	0.22%	0.020%
96	24.737	3631	3642	3656	rVB	814175	2275262	88.67%	8.358%
97	24.961	3669	3680	3691	rBV2	393664	1197969	46.69%	4.401%
98	26.124	3872	3878	3886	rVB4	43777	131299	5.12%	0.482%
99	26.230	3893	3896	3897	rBV3	19705	19179	0.75%	0.070%
100	27.493	4105	4111	4118	rVB8	31739	87514	3.41%	0.321%

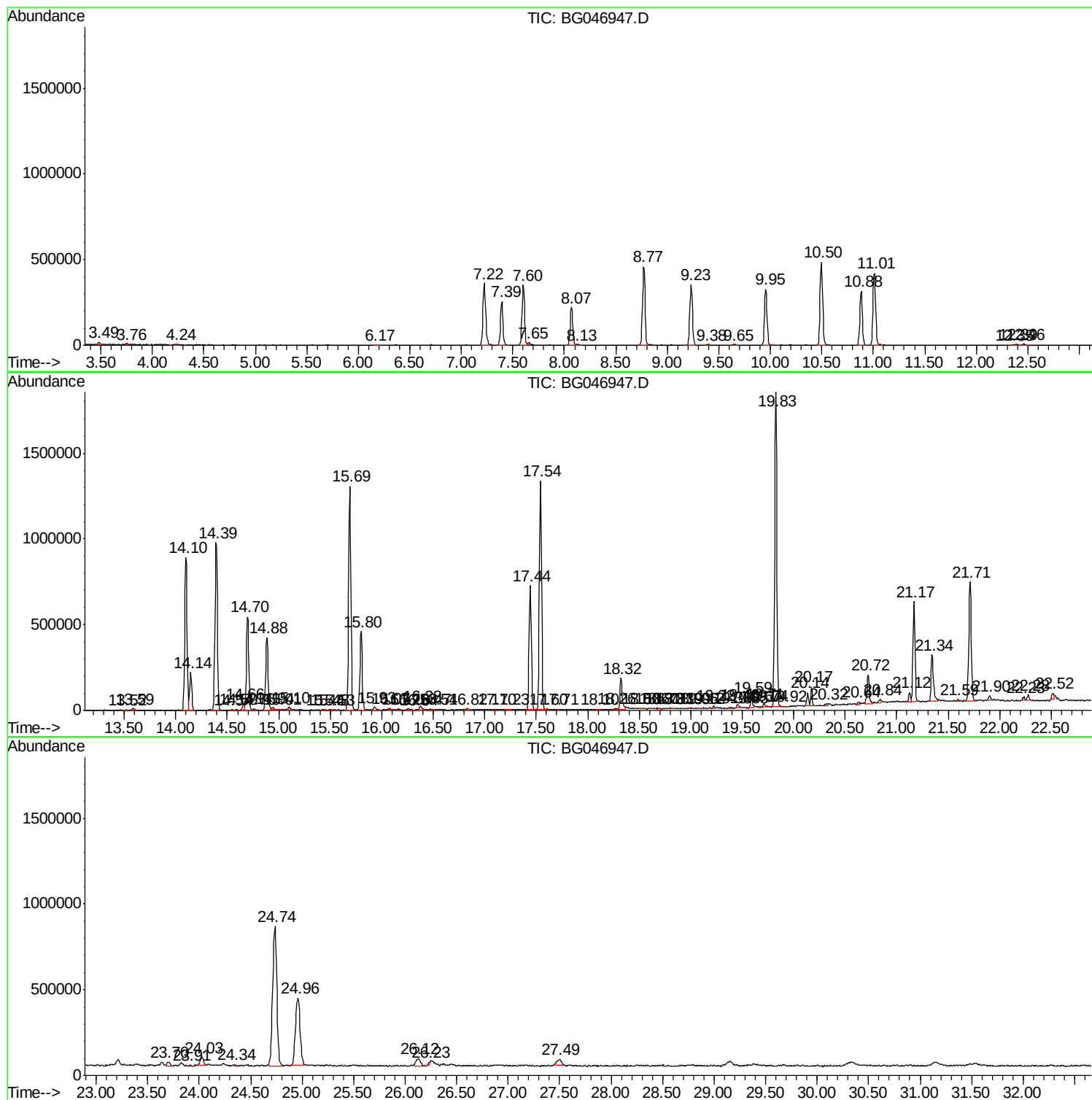
Sum of corrected areas: 27223116

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



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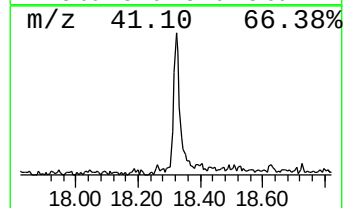
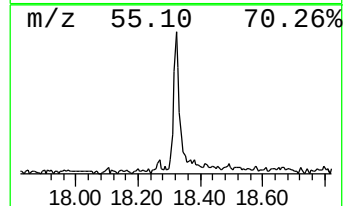
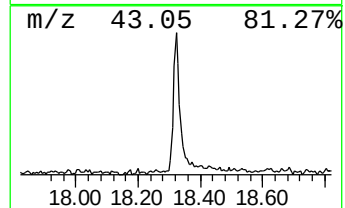
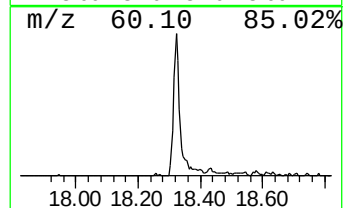
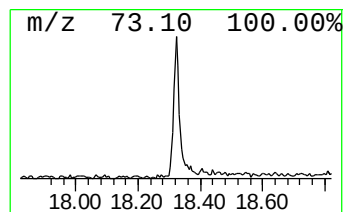
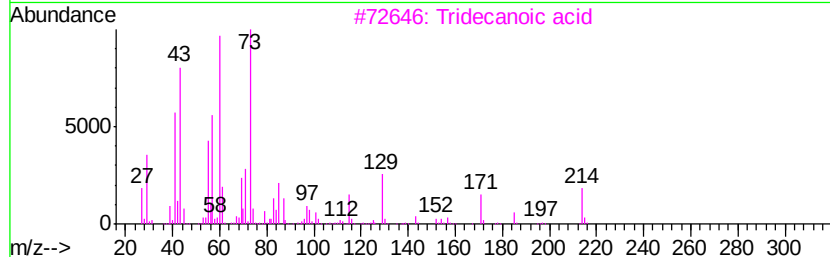
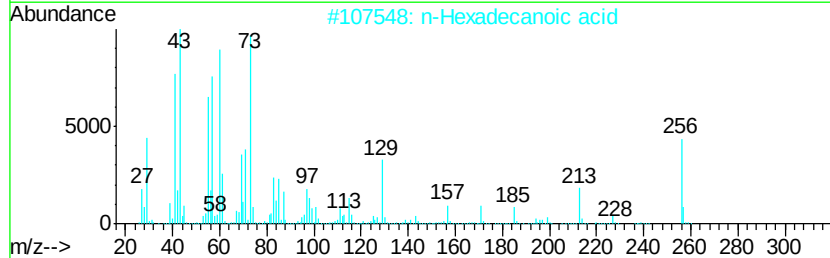
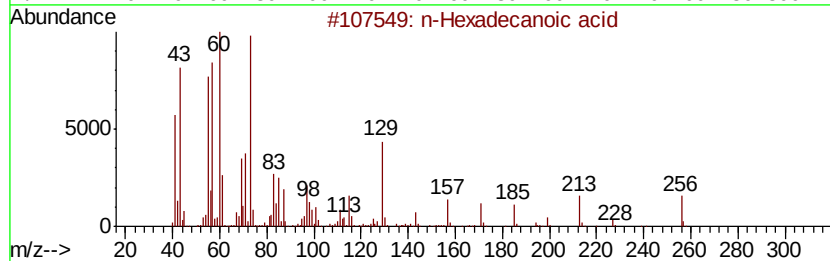
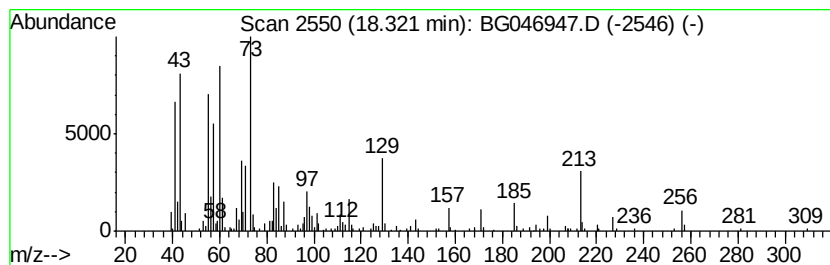
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.67 ng/ul	256338	Phenanthrene-d10	17.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	



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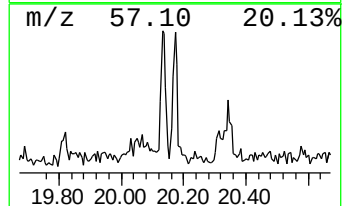
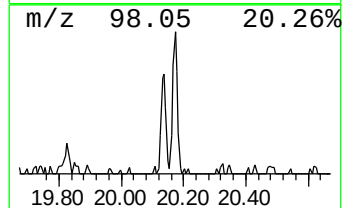
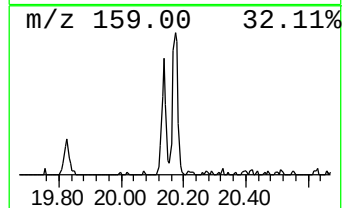
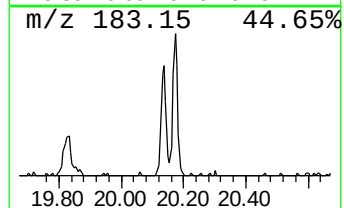
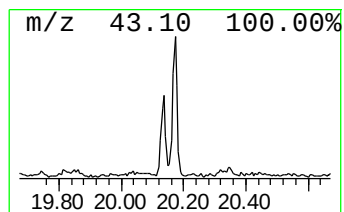
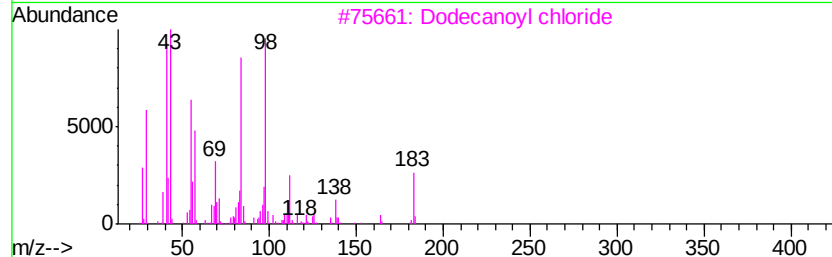
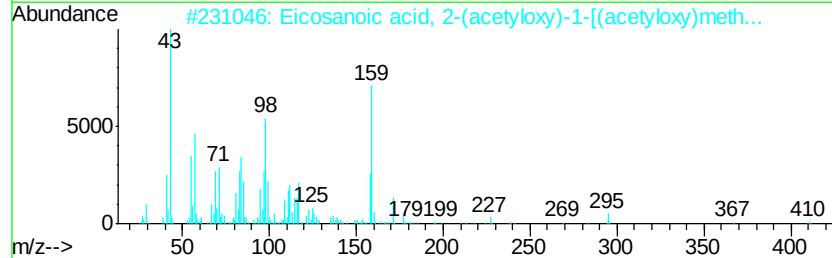
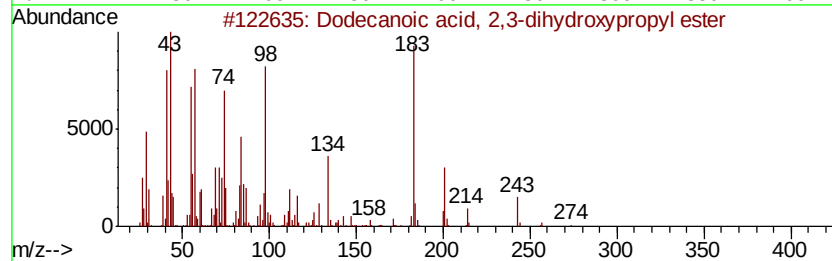
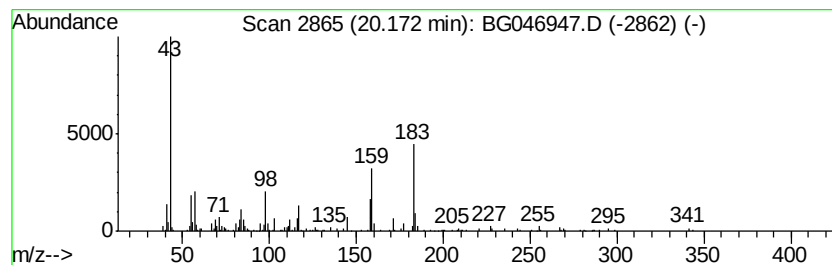
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.15 ng/ul	122380	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2,3-dihydroxypr...	274	C15H30O4	000142-18-7	27
2		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
3		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10
4		4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NO5	085333-98-8	9
5		Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	9



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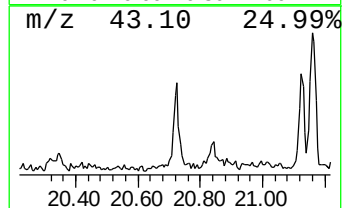
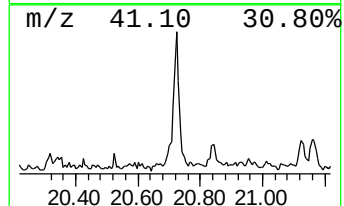
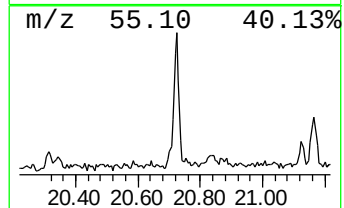
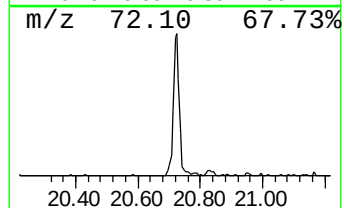
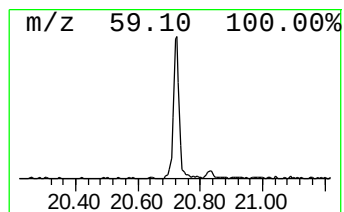
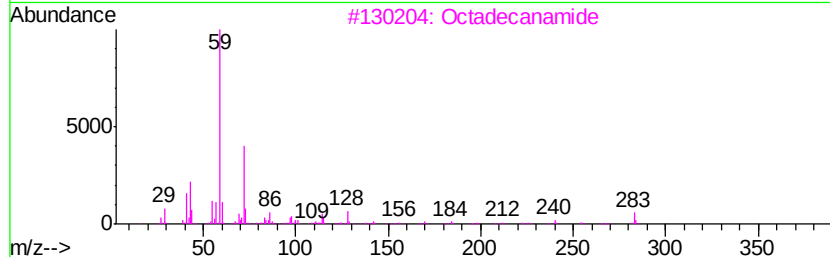
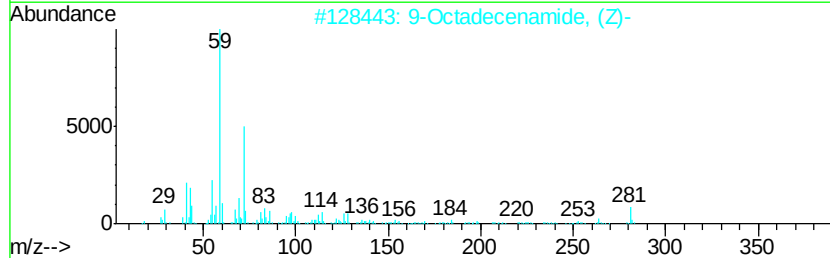
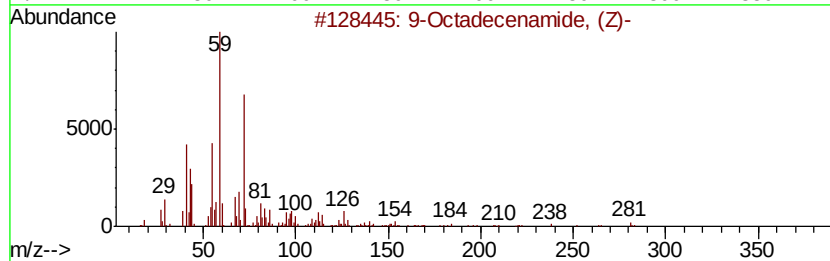
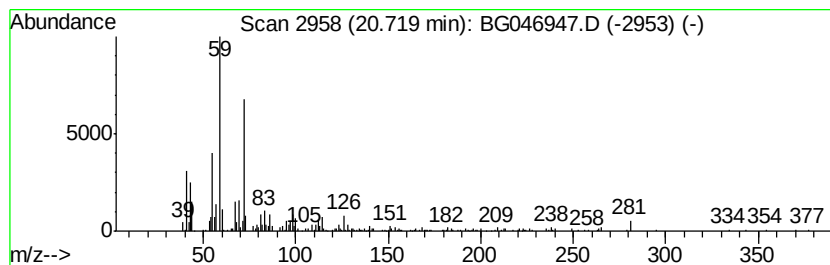
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.11 ng/ul	233869	Chrysene-d12	21.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3			Octadecanamide	283	C18H37NO	000124-26-5	59
4			Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	47
5			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046947.D
Acq On : 17 Oct 2020 18:18
Operator : CG/JU
Sample : L4201-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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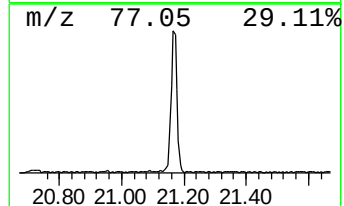
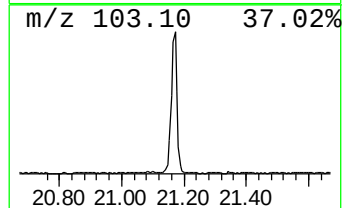
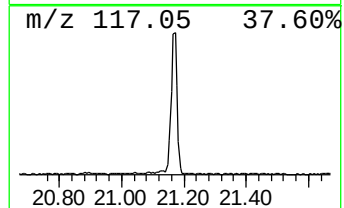
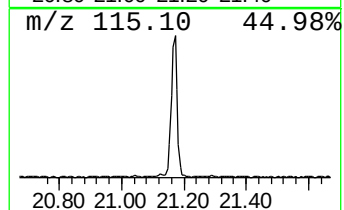
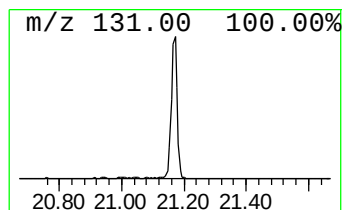
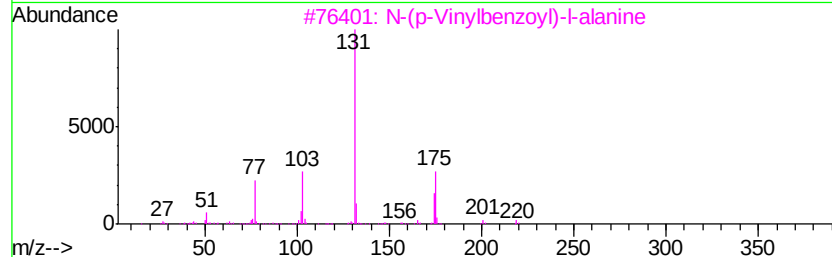
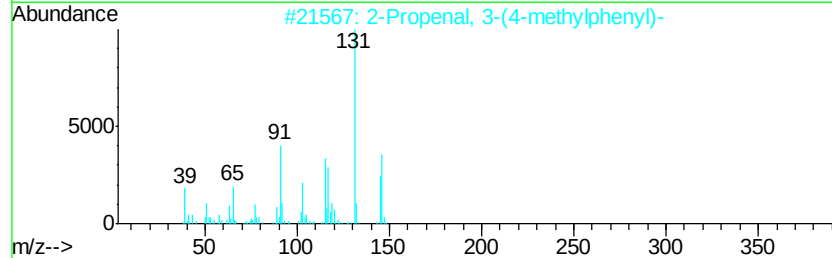
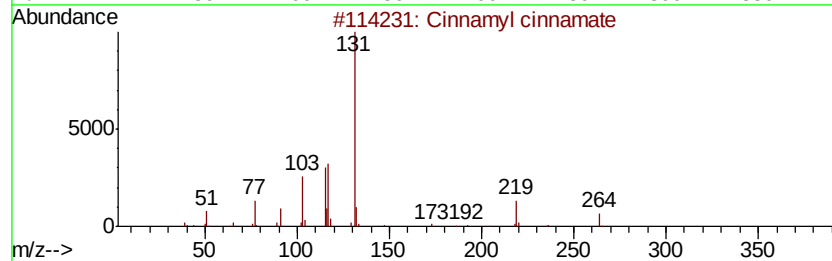
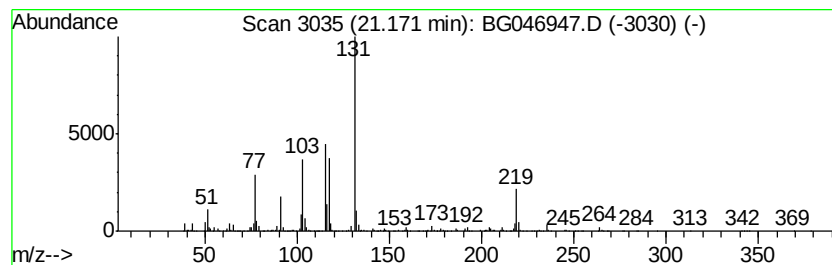
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	13.95 ng/ul	794505	Chrysene-d12	21.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86	
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	56	
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	38	
4	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	38	
5	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	38	



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Data File : BG046947.D
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Operator : CG/JU
Sample : L4201-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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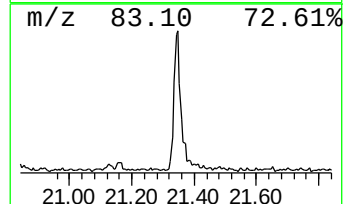
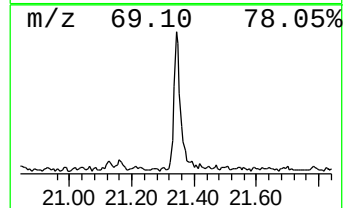
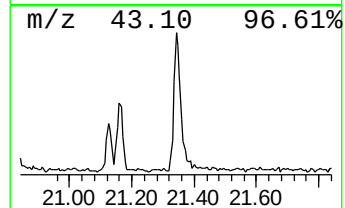
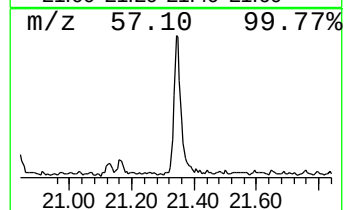
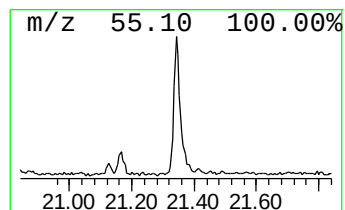
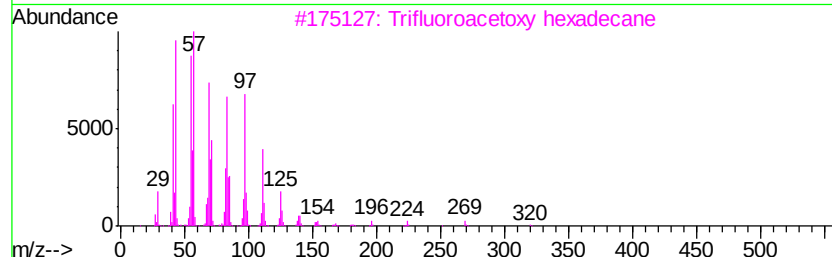
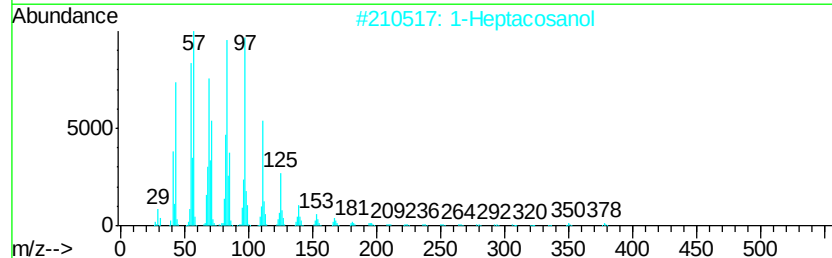
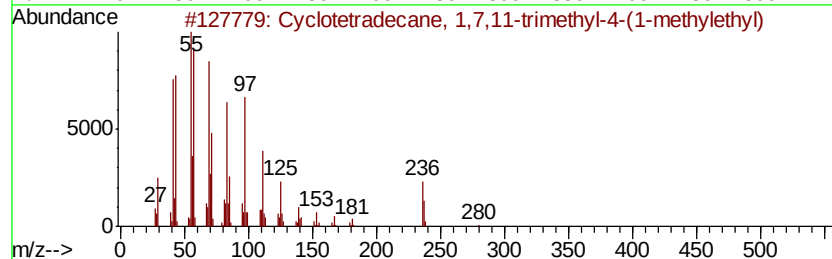
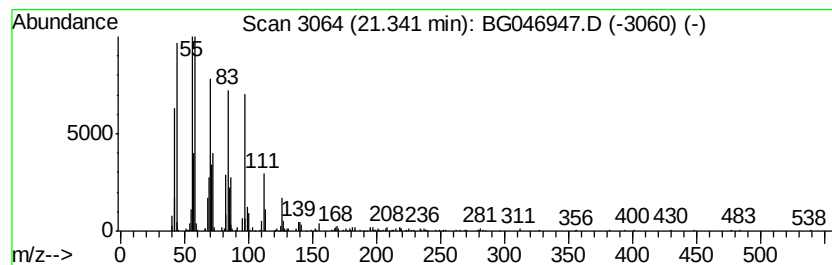
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	7.35 ng/ul	418327	Chrysene-d12	21.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
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Sample : L4201-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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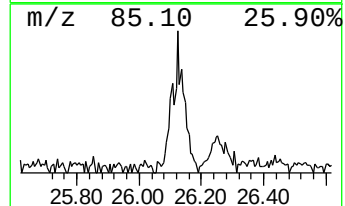
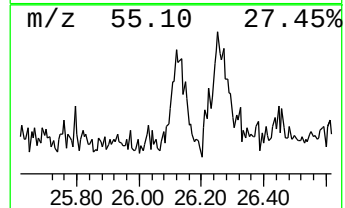
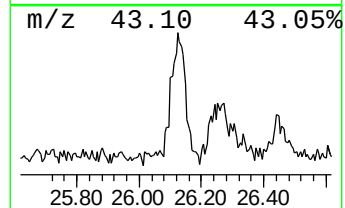
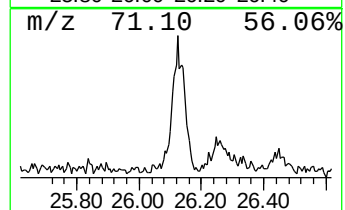
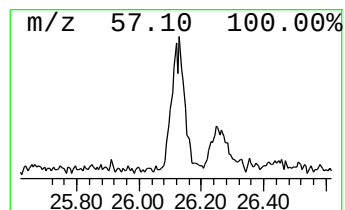
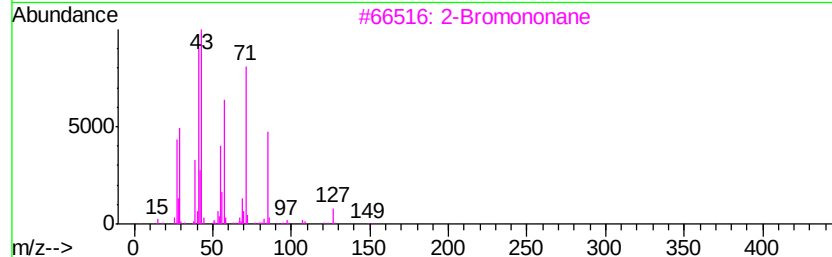
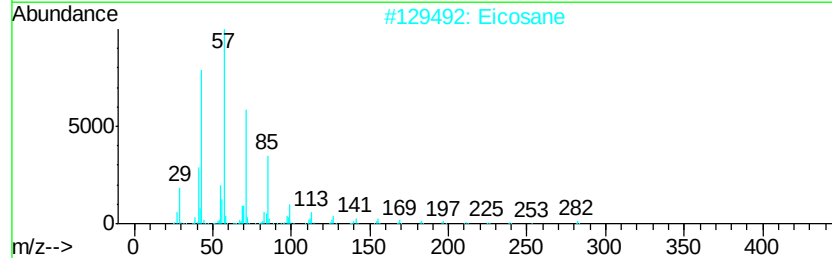
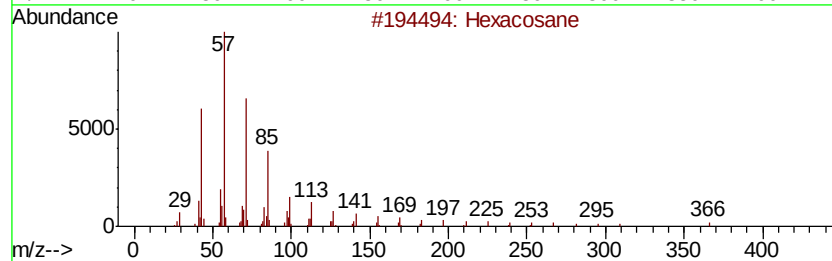
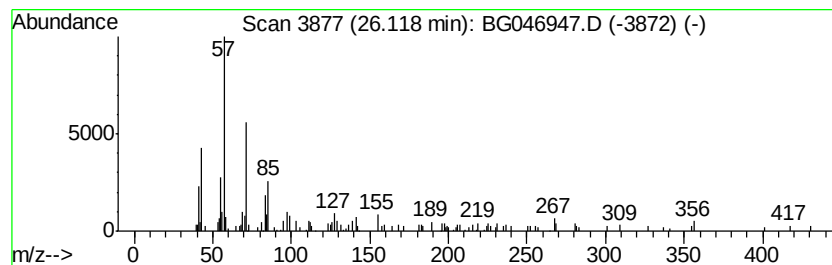
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	2.19 ng/ul	131299	Perylene-d12	24.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	59
2		Eicosane	282	C20H42	000112-95-8	59
3		2-Bromononane	206	C9H19Br	002216-35-5	59
4		Hexadecane	226	C16H34	000544-76-3	59
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	59



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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	18.32	4.7	ng/ul	256338	4	17.44	1096650	20.0
unknown-01	20.17	2.1	ng/ul	122380	5	21.71	1138910	20.0
9-Octadecenamide,...	20.72	4.1	ng/ul	233869	5	21.71	1138910	20.0
Cinnamyl cinnamate	21.17	13.9	ng/ul	794505	5	21.71	1138910	20.0
(DEL) Alkane: Cyc...	21.34	7.3	ng/ul	418327	5	21.71	1138910	20.0
(DEL) Alkane: Str...	26.12	2.2	ng/ul	131299	6	24.96	1197970	20.0