

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009846.D
 Acq On : 22 Feb 2020 15:23
 Operator : CG/JU
 Sample : L1516-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD26

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_N\METHODS\SOM-EPA-BN021220MA.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	3.034	5	8	15	rVB	43910	62788	1.92%	0.152%
2	3.717	121	124	129	rVB5	8678	11379	0.35%	0.028%
3	3.940	159	162	166	rVB5	6946	9287	0.28%	0.022%
4	4.211	204	208	210	rVB5	2377	3582	0.11%	0.009%
5	4.328	225	228	233	rBV5	4875	8913	0.27%	0.022%
6	4.599	270	274	278	rBV4	8181	13044	0.40%	0.032%
7	4.723	293	295	299	rVB5	3023	3435	0.10%	0.008%
8	5.199	373	376	378	rBV4	2788	3501	0.11%	0.008%
9	5.705	460	462	467	rBV5	2239	3823	0.12%	0.009%
10	6.593	606	613	628	rBV	714277	1218234	37.19%	2.946%
11	6.746	633	639	650	rBV	547630	842346	25.71%	2.037%
12	6.928	663	670	684	rBV	729353	1171747	35.77%	2.834%
13	7.264	721	727	730	rBV5	3741	6538	0.20%	0.016%
14	7.387	742	748	758	rBV	548665	866699	26.46%	2.096%
15	7.481	759	764	771	rVB4	13294	24190	0.74%	0.058%
16	8.105	862	870	888	rBV	765086	1292516	39.45%	3.126%
17	8.534	936	943	960	rBV	721552	1208530	36.89%	2.922%
18	8.722	971	975	979	rBV7	3271	5008	0.15%	0.012%
19	8.975	1014	1018	1024	rVB	17749	24778	0.76%	0.060%
20	9.246	1056	1064	1081	rBV	586083	1003949	30.65%	2.428%
21	9.458	1098	1100	1105	rVB5	2431	3941	0.12%	0.010%
22	9.775	1147	1154	1170	rBV	783653	1366763	41.72%	3.305%
23	9.928	1178	1180	1183	rVB4	3420	3947	0.12%	0.010%
24	10.134	1206	1215	1223	rBV	760459	1215775	37.11%	2.940%
25	10.287	1232	1241	1258	rBV	678565	1348293	41.16%	3.260%
26	11.752	1484	1490	1498	rBV3	6671	15501	0.47%	0.037%
27	12.634	1638	1640	1643	rBV3	3962	3614	0.11%	0.009%
28	12.863	1678	1679	1684	rVB3	4286	4946	0.15%	0.012%
29	12.946	1688	1693	1696	rBV4	10543	17176	0.52%	0.042%
30	13.263	1742	1747	1754	rBV2	31030	51994	1.59%	0.126%
31	13.457	1774	1780	1785	rBV	1425651	1925135	58.76%	4.655%
32	13.504	1785	1788	1798	rVB	163124	230508	7.04%	0.557%
33	13.593	1798	1803	1806	rVB4	3075	4529	0.14%	0.011%
34	13.716	1817	1824	1837	rBV	1575798	2291647	69.95%	5.542%

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35	13.975	1863	1868	1871	rBV3	4295	5554	0.17%	0.013%
36	14.028	1871	1877	1886	rBV	1096627	1544072	47.13%	3.734%
37	14.269	1913	1918	1940	rBV	481371	1003707	30.64%	2.427%
38	14.493	1953	1956	1963	rVB5	6625	9410	0.29%	0.023%
39	14.863	2015	2019	2022	rBV3	4020	5531	0.17%	0.013%
40	14.922	2025	2029	2035	rVB6	7985	11397	0.35%	0.028%
41	14.981	2035	2039	2042	rBV4	2869	4817	0.15%	0.012%
42	15.034	2042	2048	2057	rVV	2041681	2778953	84.83%	6.720%
43	15.187	2069	2074	2086	rBV	684444	1032565	31.52%	2.497%
44	15.275	2086	2089	2094	rVV3	25483	34849	1.06%	0.084%
45	15.322	2094	2097	2101	rVV4	3329	3877	0.12%	0.009%
46	15.428	2108	2115	2117	rBV6	3734	6070	0.19%	0.015%
47	15.798	2174	2178	2179	rBV3	4289	5075	0.15%	0.012%
48	15.828	2179	2183	2190	rVB5	7953	10263	0.31%	0.025%
49	16.040	2216	2219	2222	rVB4	2612	3840	0.12%	0.009%
50	16.234	2250	2252	2256	rBV3	5696	7428	0.23%	0.018%
51	16.340	2269	2270	2275	rVB3	2974	3847	0.12%	0.009%
52	16.463	2290	2291	2296	rVB4	2785	3403	0.10%	0.008%
53	16.581	2307	2311	2317	rVB4	7725	12495	0.38%	0.030%
54	16.787	2340	2346	2353	rBV	1365249	1777304	54.25%	4.298%
55	16.887	2357	2363	2378	rBV	2097263	2905824	88.70%	7.027%
56	17.028	2384	2387	2391	rVB3	5091	6923	0.21%	0.017%
57	17.098	2396	2399	2402	rBV4	2781	3522	0.11%	0.009%
58	17.169	2408	2411	2413	rBV4	3017	3403	0.10%	0.008%
59	17.204	2413	2417	2424	rVB2	26060	35842	1.09%	0.087%
60	17.328	2433	2438	2442	rBV6	4464	8735	0.27%	0.021%
61	17.587	2478	2482	2487	rBV4	11761	15870	0.48%	0.038%
62	17.716	2499	2504	2513	rBV2	271828	398614	12.17%	0.964%
63	18.010	2548	2554	2557	rBV5	6409	13227	0.40%	0.032%
64	18.145	2572	2577	2582	rVV3	21905	28217	0.86%	0.068%
65	18.398	2617	2620	2623	rBV3	4120	5720	0.17%	0.014%
66	18.528	2639	2642	2645	rVB4	5259	7247	0.22%	0.018%
67	18.586	2648	2652	2656	rVV4	10988	13610	0.42%	0.033%
68	18.657	2660	2664	2666	rBV4	5208	6083	0.19%	0.015%
69	18.728	2672	2676	2677	rBV3	4855	5966	0.18%	0.014%
70	18.828	2690	2693	2697	rBV2	17321	22818	0.70%	0.055%
71	18.886	2700	2703	2706	rVV5	9547	12482	0.38%	0.030%

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72	19.010	2719	2724	2731	rBV5	51863	84635	2.58%	0.205%
73	19.075	2733	2735	2740	rVB2	16349	23613	0.72%	0.057%
74	19.192	2746	2755	2763	rBV	2367698	3276054	100.00%	7.922%
75	19.369	2783	2785	2789	rBV5	3470	5476	0.17%	0.013%
76	19.475	2801	2803	2805	rBV3	4782	5104	0.16%	0.012%
77	19.751	2846	2850	2853	rBV4	15818	22021	0.67%	0.053%
78	20.110	2910	2911	2913	rBV2	6209	3461	0.11%	0.008%
79	20.281	2939	2940	2945	rVB4	16282	17604	0.54%	0.043%
80	20.698	3006	3011	3015	rBV	46359	84273	2.57%	0.204%
81	20.745	3015	3019	3025	rVV2	492418	636893	19.44%	1.540%
82	20.804	3025	3029	3036	rVB	169556	233813	7.14%	0.565%
83	21.004	3058	3063	3070	rBV	1499195	1909151	58.28%	4.617%
84	21.192	3092	3095	3098	rBV2	64898	69639	2.13%	0.168%
85	21.610	3162	3166	3172	rBV3	94478	136490	4.17%	0.330%
86	22.039	3236	3239	3243	rVB	109692	134877	4.12%	0.326%
87	22.151	3254	3258	3264	rBV	463420	572475	17.47%	1.384%
88	22.510	3315	3319	3322	rBV2	147096	186922	5.71%	0.452%
89	22.974	3391	3398	3403	rBV	1890589	3165420	96.62%	7.655%
90	23.022	3403	3406	3412	rVB2	161057	232493	7.10%	0.562%
91	23.098	3413	3419	3427	rVB	1112121	1939018	59.19%	4.689%
92	23.604	3502	3505	3511	rVB	131104	201152	6.14%	0.486%
93	23.680	3514	3518	3526	rVB8	98407	188531	5.75%	0.456%
94	24.269	3615	3618	3626	rVB2	105560	197540	6.03%	0.478%

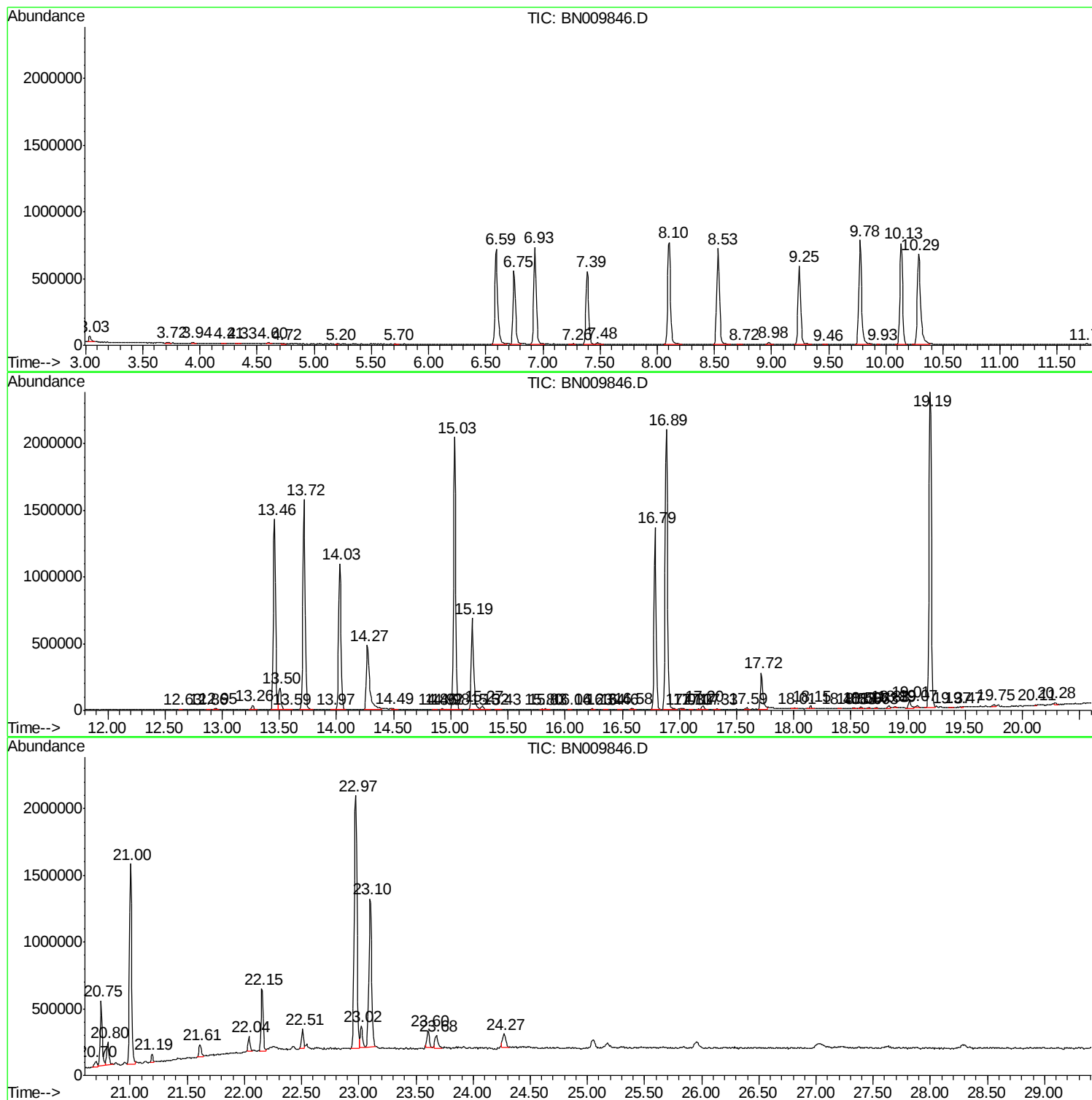
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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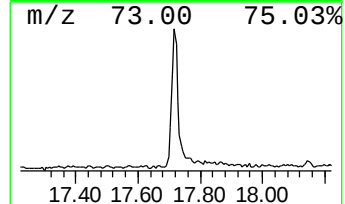
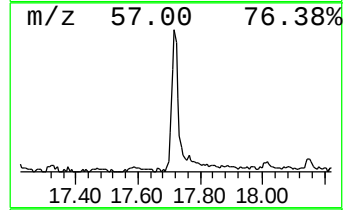
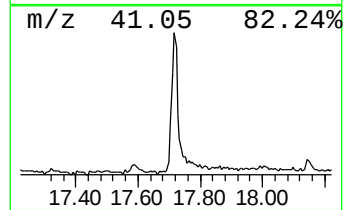
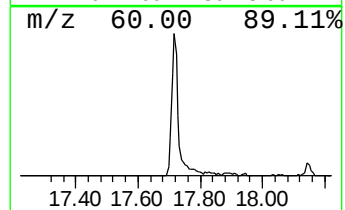
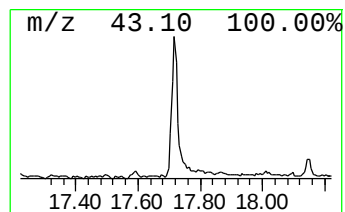
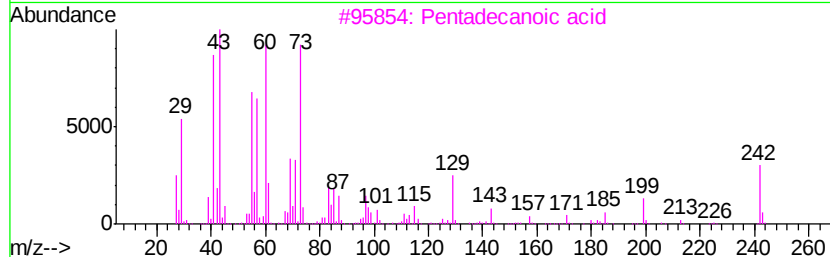
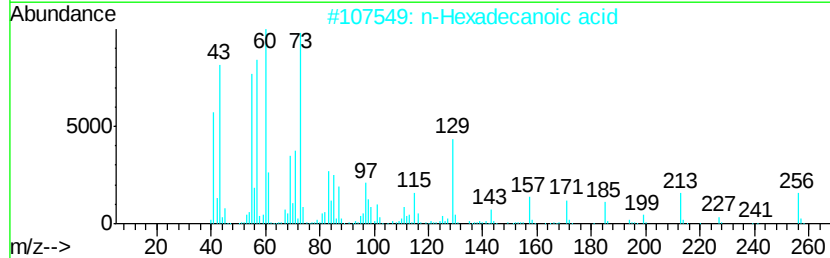
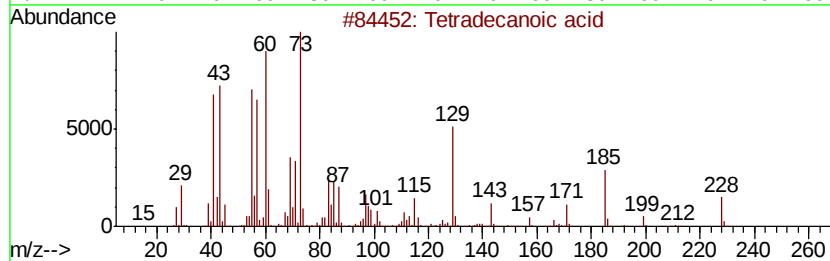
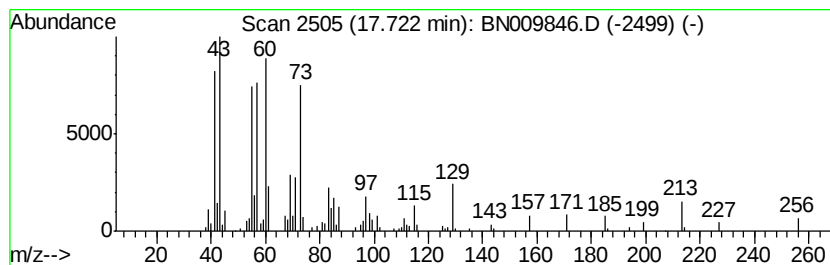
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.72	4.49 ng/ul	398614	Phenanthrene-d10	16.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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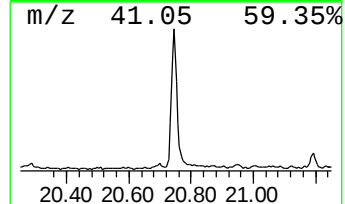
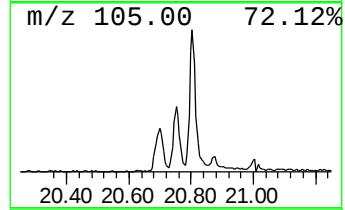
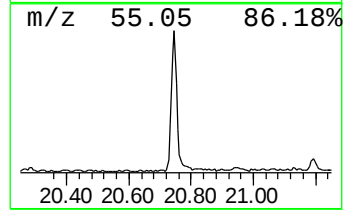
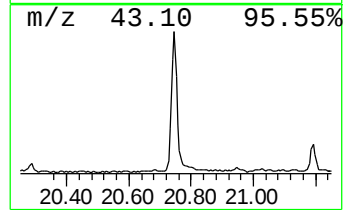
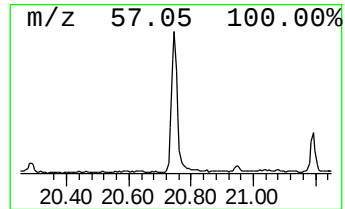
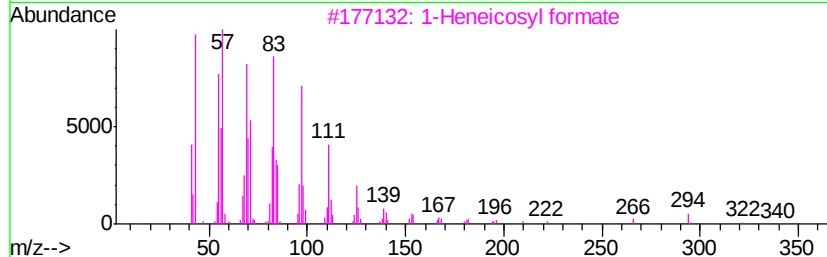
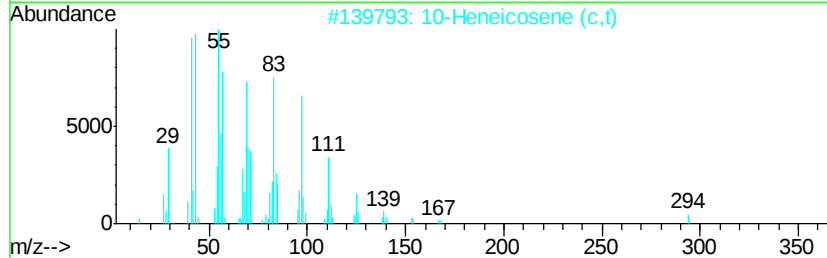
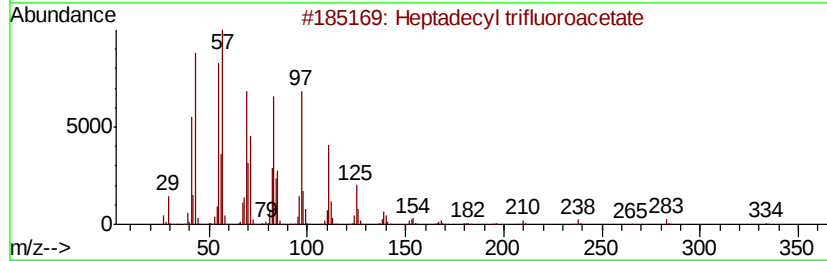
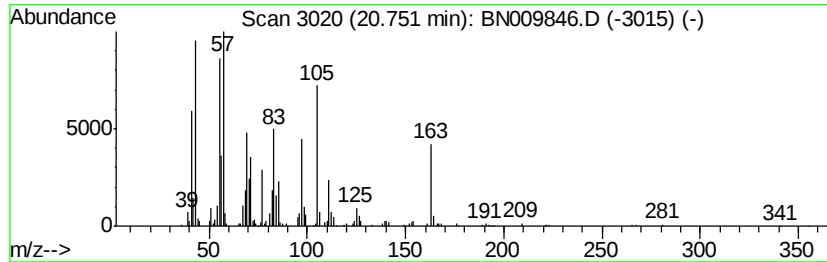
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.75	6.67 ng/ul	636893	Chrysene-d12		21.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
2		10-Heneicosene (c,t)	294	C21H42	095008-11-0	86
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
5		1-Eicosanol	298	C20H42O	000629-96-9	74



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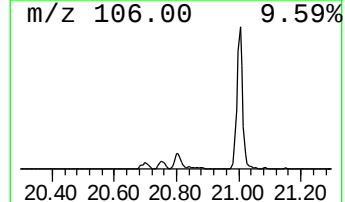
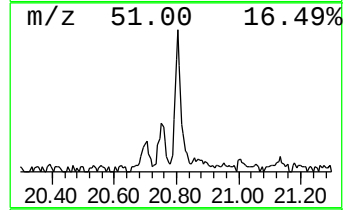
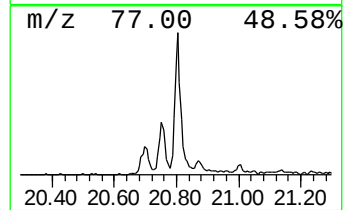
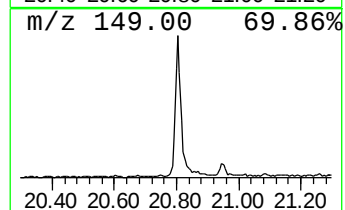
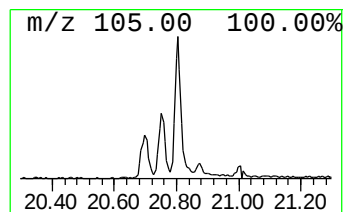
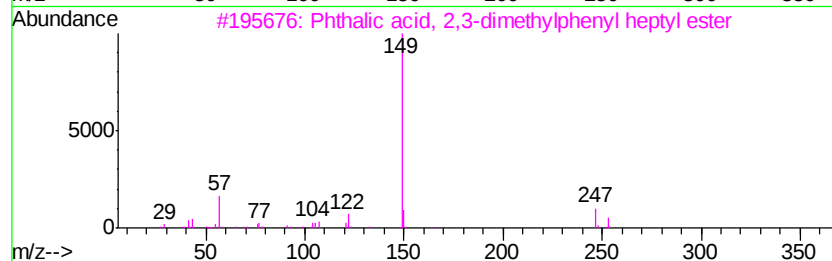
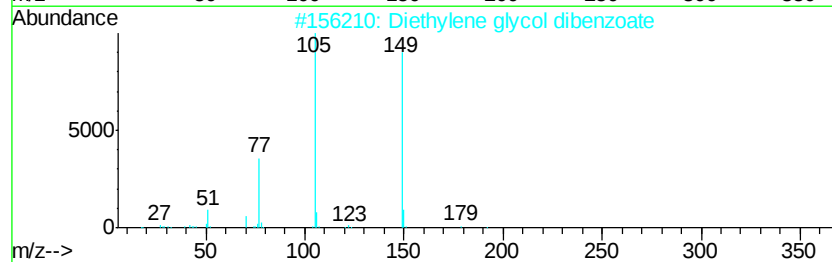
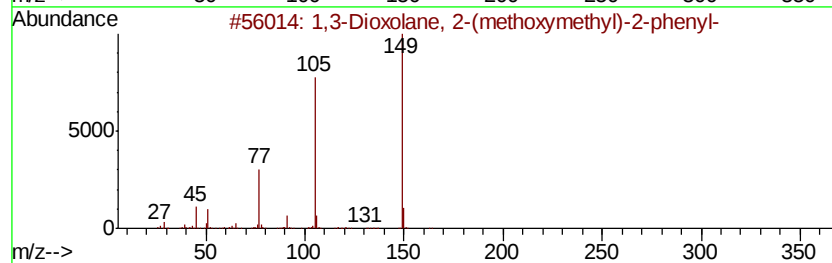
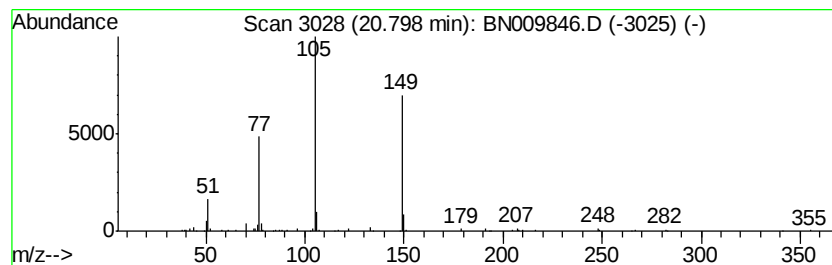
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.45 ng/ul	233813	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	83
2		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
3		Phthalic acid, 2,3-dimethylphenyl...	368	C23H28O4	1000357-08-9	43
4		Vinyl benzoate	148	C9H8O2	000769-78-8	38
5		1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	38



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DBD26

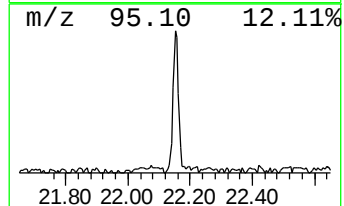
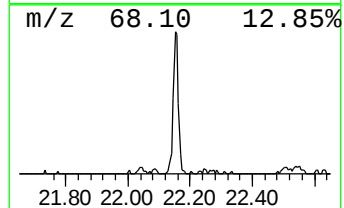
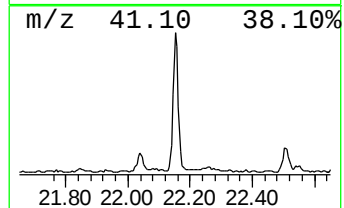
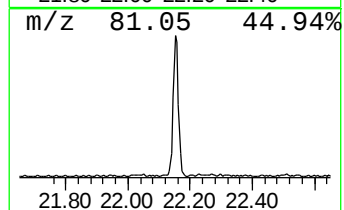
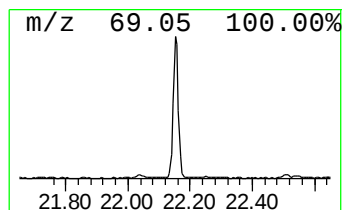
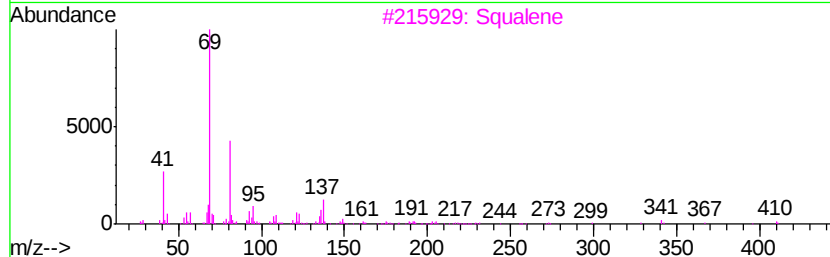
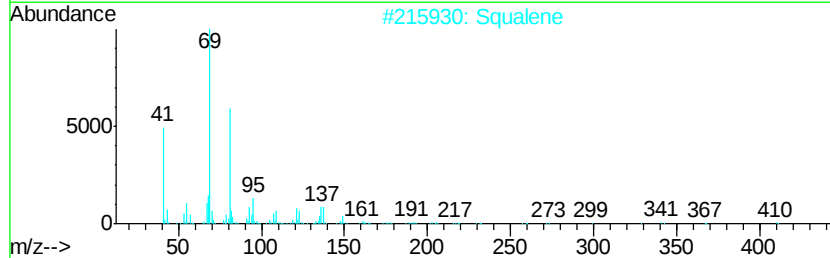
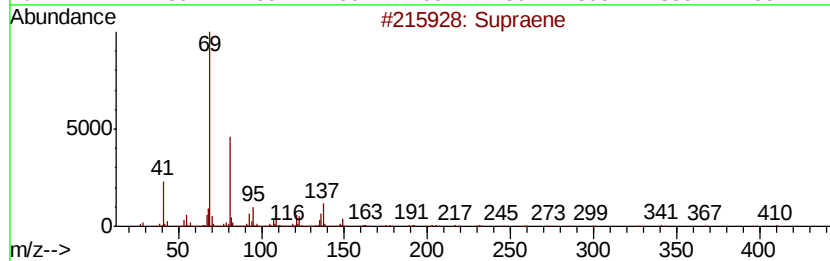
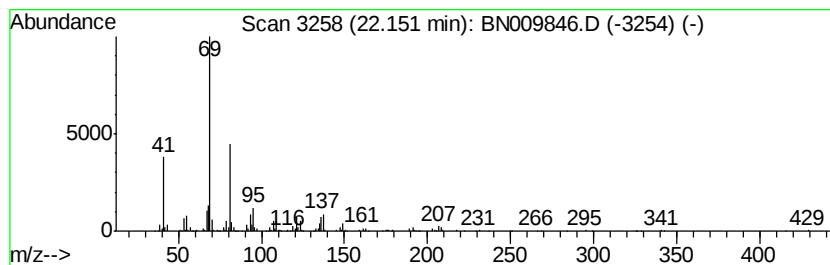
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	5.90 ng/ul	572475	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	000111-02-4	87
4		2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009846.D
Acq On : 22 Feb 2020 15:23
Operator : CG/JU
Sample : L1516-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD26

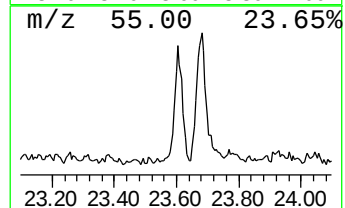
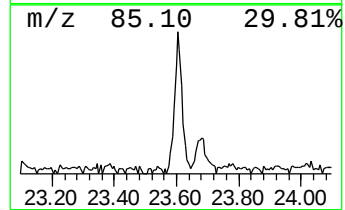
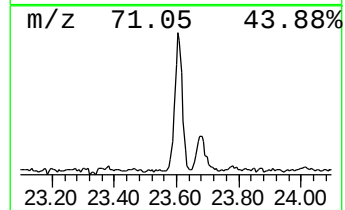
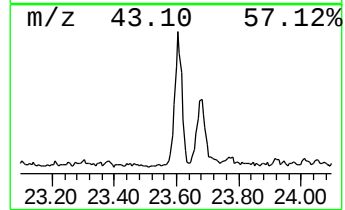
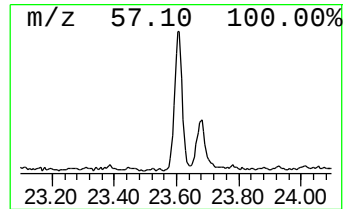
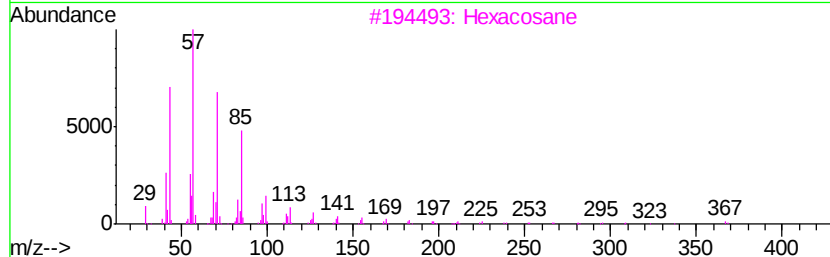
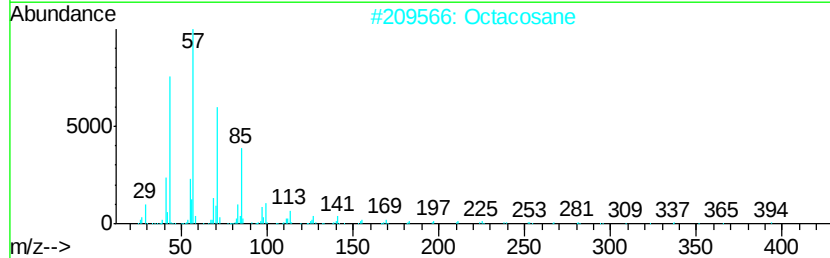
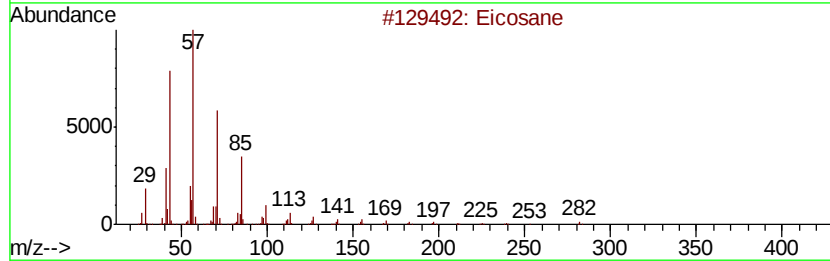
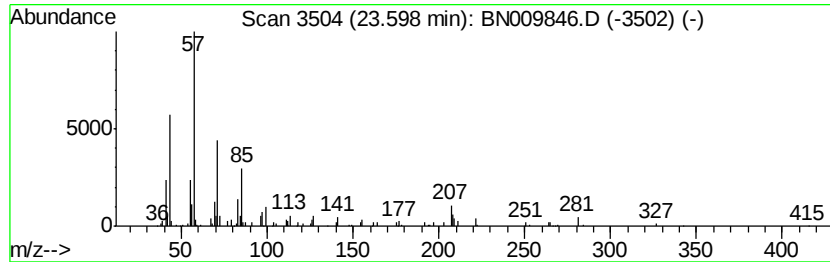
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	2.07 ng/ul	201152	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009846.D
Acq On : 22 Feb 2020 15:23
Operator : CG/JU
Sample : L1516-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD26

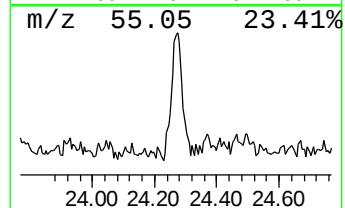
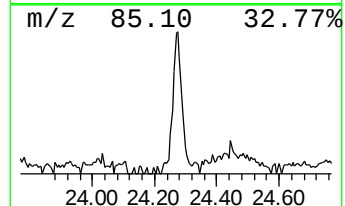
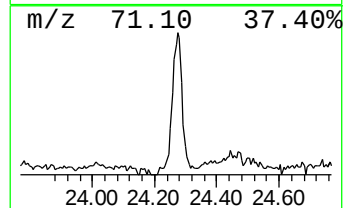
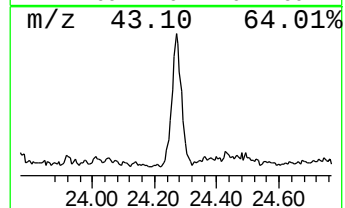
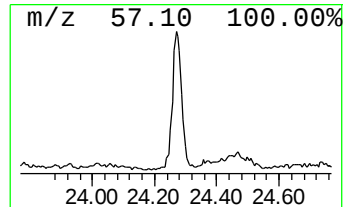
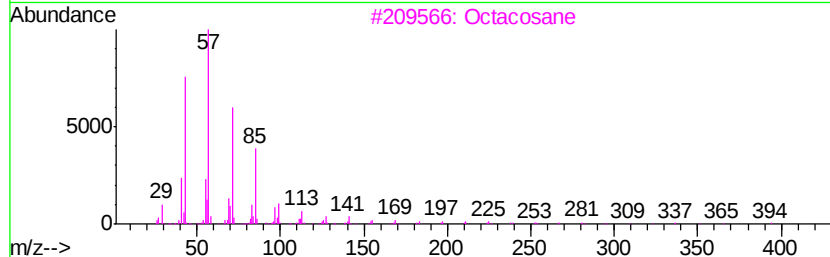
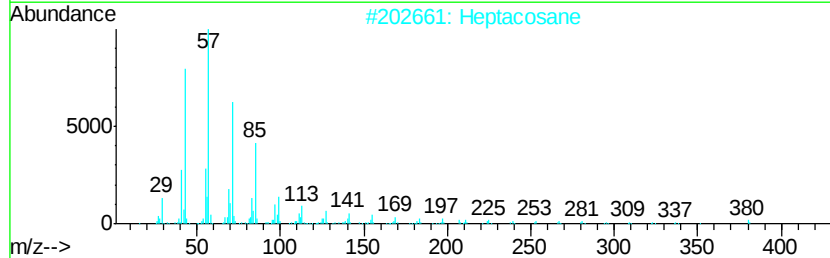
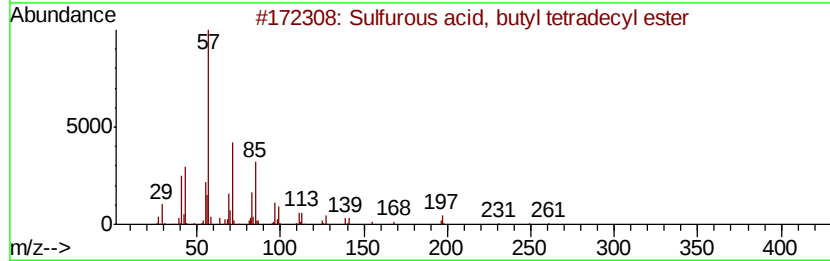
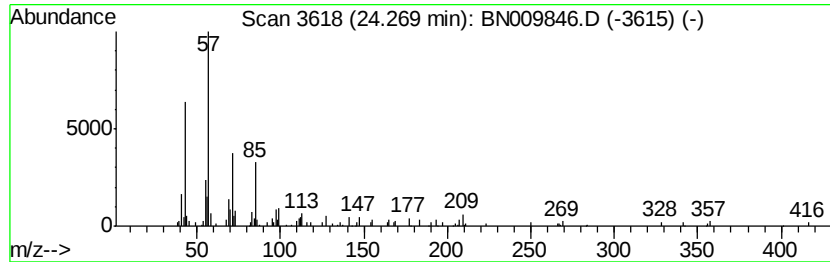
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	2.04 ng/ul	197540	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
2		Heptacosane	380	C27H56	000593-49-7	70
3		Octacosane	394	C28H58	000630-02-4	62
4		Nonadecane	268	C19H40	000629-92-5	62
5		Hentriacontane	437	C31H64	000630-04-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009846.D
Acq On : 22 Feb 2020 15:23
Operator : CG/JU
Sample : L1516-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
Tetradecanoic acid	17.72	4.5	ng/ul	398614	4	16.79	1777300	20.0
Heptadecyl triflu...	20.75	6.7	ng/ul	636893	5	21.00	1909150	20.0
1,3-Dioxolane, 2-...	20.80	2.5	ng/ul	233813	5	21.00	1909150	20.0
Supraene	22.15	5.9	ng/ul	572475	6	23.10	1939020	20.0
(DEL) Alkane: Str...	23.60	2.1	ng/ul	201152	6	23.10	1939020	20.0
Sulfurous acid, b...	24.27	2.0	ng/ul	197540	6	23.10	1939020	20.0