

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009584.D
 Acq On : 05 Feb 2020 03:40
 Operator : CG/JU
 Sample : L1323-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT45

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-BN020320MA.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	3.052	9	11	12	rBV2	4130	3500	0.11%	0.008%
2	3.076	12	15	24	rVB	40435	63312	2.00%	0.153%
3	3.405	70	71	75	rVB4	5397	4413	0.14%	0.011%
4	3.575	99	100	103	rBV3	4529	3227	0.10%	0.008%
5	3.758	129	131	137	rVB4	7024	11499	0.36%	0.028%
6	3.834	142	144	148	rVB5	2940	3266	0.10%	0.008%
7	4.646	280	282	285	rBV4	3728	3761	0.12%	0.009%
8	6.328	563	568	571	rVB5	1879	3552	0.11%	0.009%
9	6.434	581	586	588	rVB5	2403	3591	0.11%	0.009%
10	6.634	614	620	631	rBV	690783	1130194	35.62%	2.731%
11	6.793	641	647	659	rBV	510709	791920	24.96%	1.913%
12	6.981	672	679	691	rBV	689481	1099207	34.64%	2.656%
13	7.440	750	757	766	rBV	610342	982741	30.97%	2.374%
14	7.528	769	772	778	rVB6	7652	11072	0.35%	0.027%
15	8.146	871	877	890	rBV	780329	1273995	40.15%	3.078%
16	8.581	943	951	963	rBV	662562	1097713	34.60%	2.652%
17	8.728	972	976	979	rVB5	3333	4290	0.14%	0.010%
18	9.034	1022	1028	1033	rVB	12541	17337	0.55%	0.042%
19	9.293	1065	1072	1086	rVV	547529	899222	28.34%	2.173%
20	9.822	1155	1162	1176	rBV	776968	1321123	41.64%	3.192%
21	9.934	1179	1181	1186	rVB4	3364	4508	0.14%	0.011%
22	10.040	1194	1199	1203	rBV5	10533	19849	0.63%	0.048%
23	10.187	1218	1224	1233	rVB	876107	1411063	44.47%	3.409%
24	10.334	1242	1249	1265	rBV	645518	1172144	36.94%	2.832%
25	11.799	1493	1498	1505	rVB4	11256	21136	0.67%	0.051%
26	12.099	1543	1549	1554	rBV4	6718	14428	0.45%	0.035%
27	12.228	1567	1571	1575	rBV3	2725	4695	0.15%	0.011%
28	12.422	1600	1604	1607	rVB3	2742	3571	0.11%	0.009%
29	12.687	1646	1649	1653	rVB4	3134	4481	0.14%	0.011%
30	12.922	1683	1689	1694	rBV5	4927	7736	0.24%	0.019%
31	12.993	1694	1701	1705	rBV2	20430	31202	0.98%	0.075%
32	13.375	1760	1766	1771	rBV6	3152	5611	0.18%	0.014%
33	13.499	1781	1787	1792	rBV	1344220	1793018	56.51%	4.332%
34	13.546	1792	1795	1801	rVB	233025	312607	9.85%	0.755%

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35	13.704	1817	1822	1825	rBV5	2943	4356	0.14%	0.011%
36	13.763	1825	1832	1845	rVV	1544735	2178972	68.67%	5.264%
37	14.016	1872	1875	1879	rVV4	4567	7183	0.23%	0.017%
38	14.075	1879	1885	1894	rVB	1275112	1843373	58.10%	4.454%
39	14.304	1919	1924	1946	rBV	514345	932859	29.40%	2.254%
40	14.451	1948	1949	1953	rVV4	4277	6359	0.20%	0.015%
41	14.522	1957	1961	1968	rVV6	11245	19477	0.61%	0.047%
42	14.904	2023	2026	2034	rBV4	5627	13381	0.42%	0.032%
43	14.969	2034	2037	2042	rVB4	7576	11380	0.36%	0.027%
44	15.075	2049	2055	2064	rVB	1906236	2678268	84.41%	6.471%
45	15.222	2074	2080	2092	rBV	554485	818993	25.81%	1.979%
46	15.316	2092	2096	2100	rVB2	20314	30186	0.95%	0.073%
47	15.475	2120	2123	2129	rBV4	4150	6021	0.19%	0.015%
48	15.663	2152	2155	2160	rVB6	3234	4261	0.13%	0.010%
49	15.840	2181	2185	2186	rBV	8063	8440	0.27%	0.020%
50	15.869	2186	2190	2194	rVB7	7109	11145	0.35%	0.027%
51	15.992	2208	2211	2216	rBV6	4077	6436	0.20%	0.016%
52	16.275	2256	2259	2262	rBV4	4670	6026	0.19%	0.015%
53	16.416	2277	2283	2285	rBV5	3268	6709	0.21%	0.016%
54	16.622	2313	2318	2323	rVB4	8192	13894	0.44%	0.034%
55	16.828	2347	2353	2361	rBV	1526562	2131141	67.17%	5.149%
56	16.928	2364	2370	2381	rBV2	2069662	2843492	89.62%	6.870%
57	17.245	2417	2424	2431	rVV8	20518	41513	1.31%	0.100%
58	17.369	2441	2445	2447	rBV3	7058	7058	0.22%	0.017%
59	17.475	2462	2463	2466	rVB3	4034	3721	0.12%	0.009%
60	17.539	2470	2474	2476	rVB5	6961	9033	0.28%	0.022%
61	17.681	2494	2498	2502	rBV	19405	33612	1.06%	0.081%
62	17.757	2506	2511	2522	rBV	282094	454834	14.33%	1.099%
63	17.957	2542	2545	2546	rBV3	4465	4202	0.13%	0.010%
64	18.010	2552	2554	2555	rBV2	3795	3668	0.12%	0.009%
65	18.051	2556	2561	2567	rVV6	14550	30749	0.97%	0.074%
66	18.116	2570	2572	2575	rBV4	3190	4388	0.14%	0.011%
67	18.192	2581	2585	2592	rVB6	20593	26551	0.84%	0.064%
68	18.310	2602	2605	2608	rBV4	5342	7723	0.24%	0.019%
69	18.439	2622	2627	2628	rBV5	4858	8043	0.25%	0.019%
70	18.569	2646	2649	2650	rBV3	6999	7206	0.23%	0.017%
71	18.634	2655	2660	2662	rBV7	10293	15100	0.48%	0.036%

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72	18.698	2667	2671	2676	rVB5	15314	20774	0.65%	0.050%
73	18.739	2676	2678	2679	rBV2	4485	3998	0.13%	0.010%
74	18.869	2696	2700	2704	rBV	25551	30732	0.97%	0.074%
75	18.898	2704	2705	2707	rBV2	5882	4398	0.14%	0.011%
76	18.934	2709	2711	2713	rVB3	9473	7969	0.25%	0.019%
77	18.957	2713	2715	2718	rBV4	4025	4072	0.13%	0.010%
78	19.051	2727	2731	2739	rBV3	92246	160033	5.04%	0.387%
79	19.122	2740	2743	2748	rVB	20576	29899	0.94%	0.072%
80	19.233	2755	2762	2769	rBV	2456521	3172975	100.00%	7.666%
81	19.286	2769	2771	2777	rVB7	10976	13265	0.42%	0.032%
82	19.451	2797	2799	2801	rBV2	5919	4825	0.15%	0.012%
83	19.792	2854	2857	2860	rBV4	13675	16431	0.52%	0.040%
84	20.780	3021	3025	3033	rBV	759013	950737	29.96%	2.297%
85	21.039	3063	3069	3074	rBV	1767073	2282139	71.92%	5.514%
86	21.227	3098	3101	3106	rBV2	89826	89204	2.81%	0.216%
87	21.651	3169	3173	3179	rBV2	122371	204198	6.44%	0.493%
88	22.080	3243	3246	3251	rBV	138626	174477	5.50%	0.422%
89	22.198	3263	3266	3270	rVB	117022	140309	4.42%	0.339%
90	22.551	3323	3326	3331	rVB	178181	229831	7.24%	0.555%
91	23.016	3399	3405	3411	rBV	1807999	2951498	93.02%	7.131%
92	23.074	3412	3415	3420	rVV	206751	300726	9.48%	0.727%
93	23.145	3422	3427	3435	rVB2	1291810	2241180	70.63%	5.415%
94	23.669	3512	3516	3522	rVB2	182657	306606	9.66%	0.741%
95	23.739	3525	3528	3535	rVB3	158336	275336	8.68%	0.665%

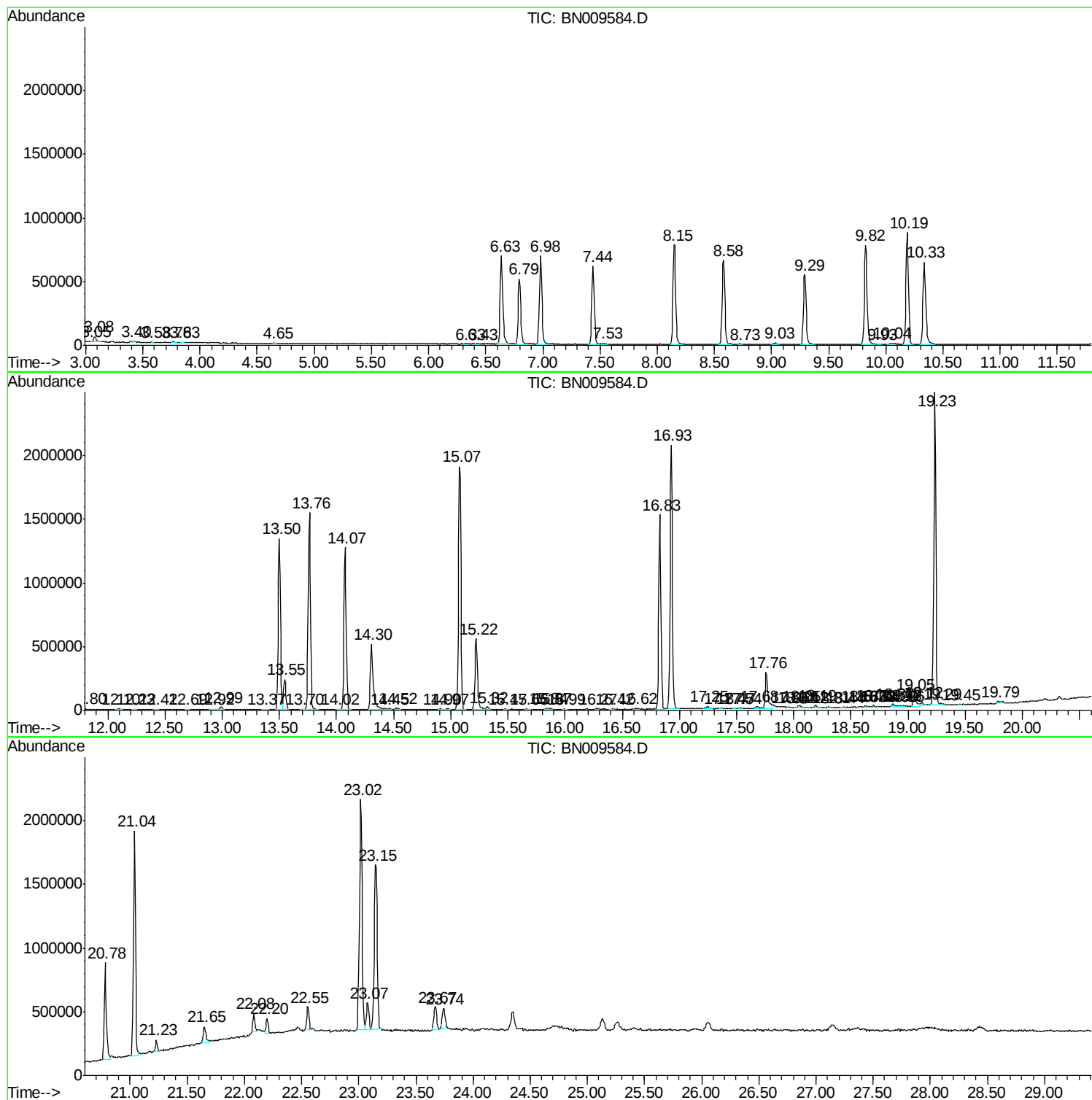
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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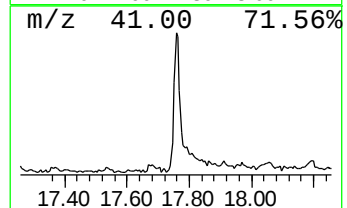
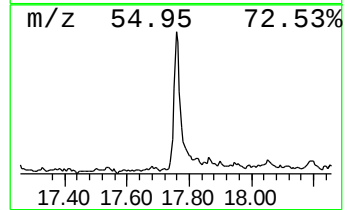
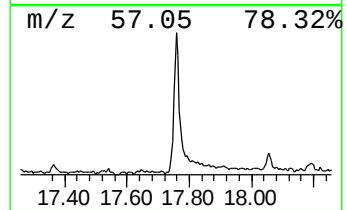
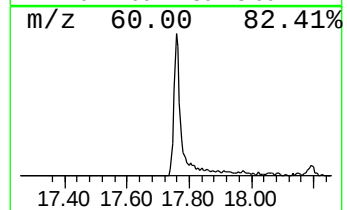
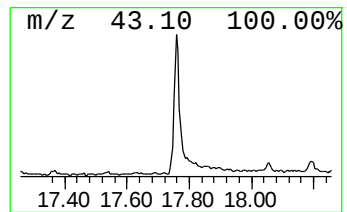
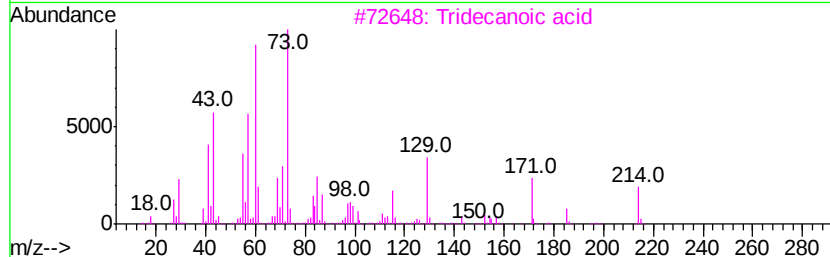
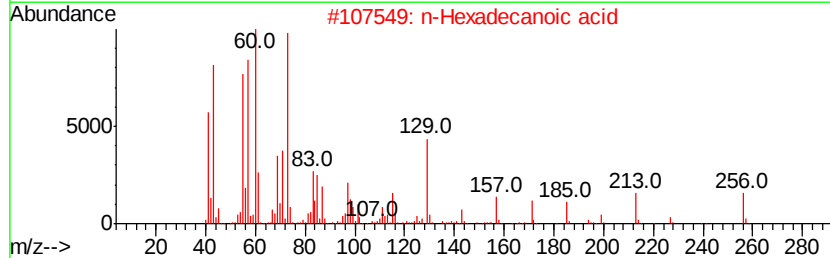
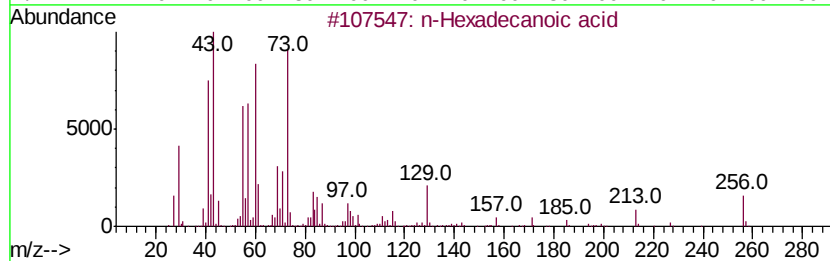
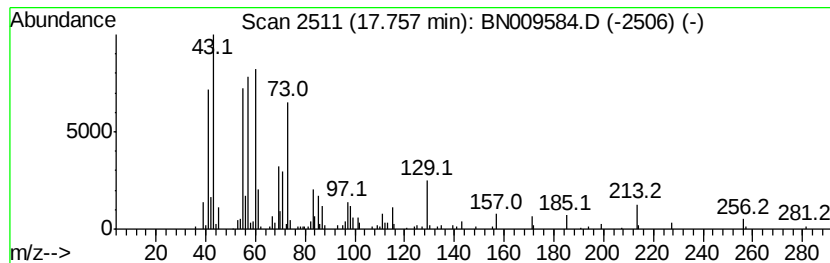
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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.		
17.76	4.27 ng/ul	454834	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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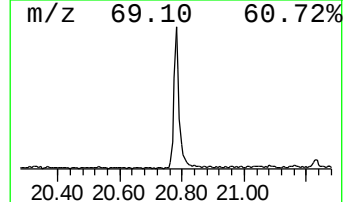
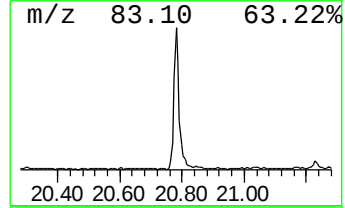
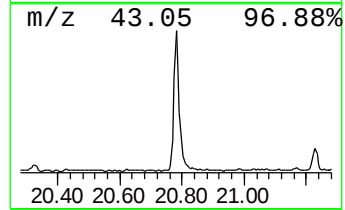
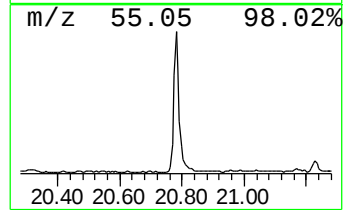
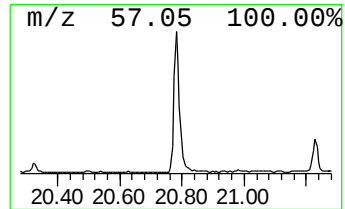
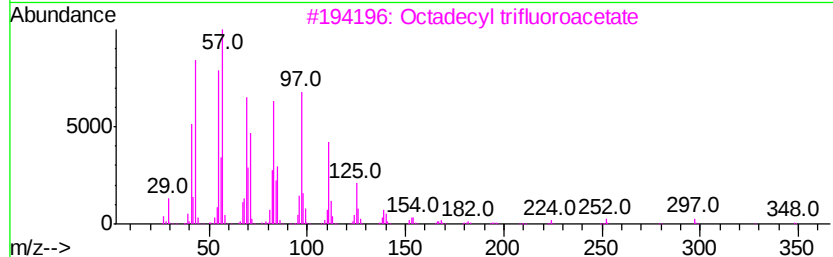
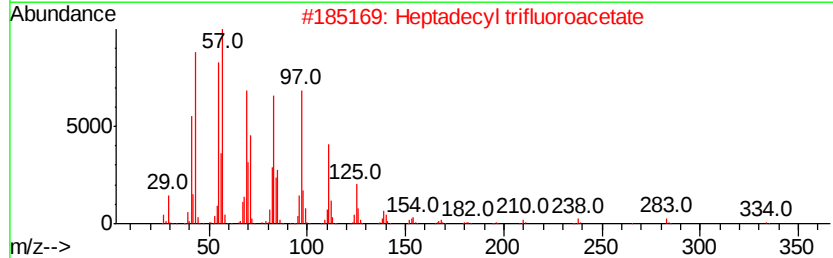
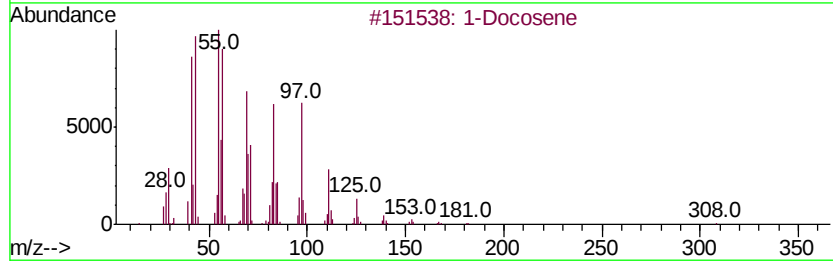
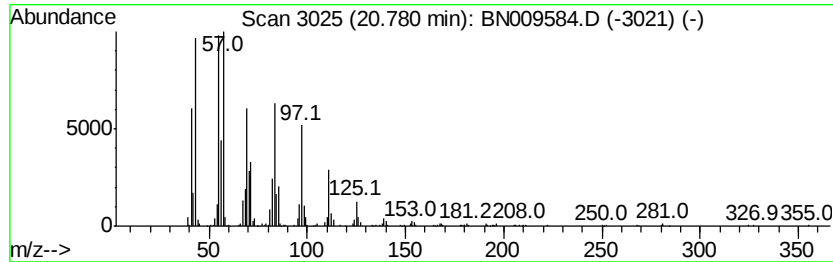
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.78	8.33 ng/ul	950737	Chrysene-d12	21.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90



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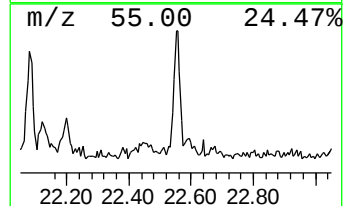
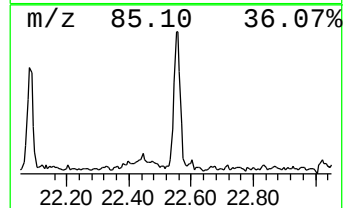
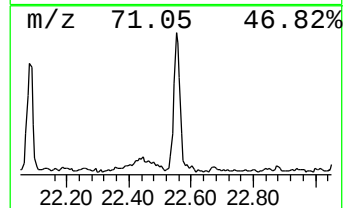
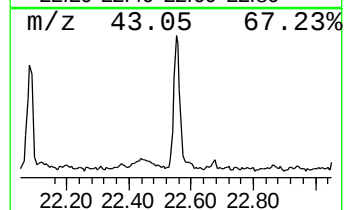
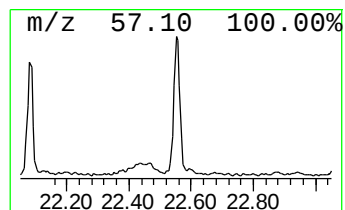
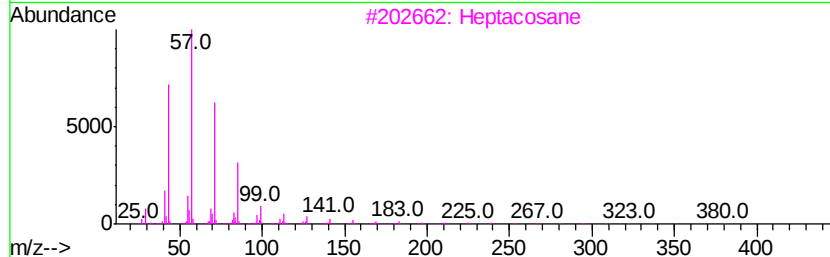
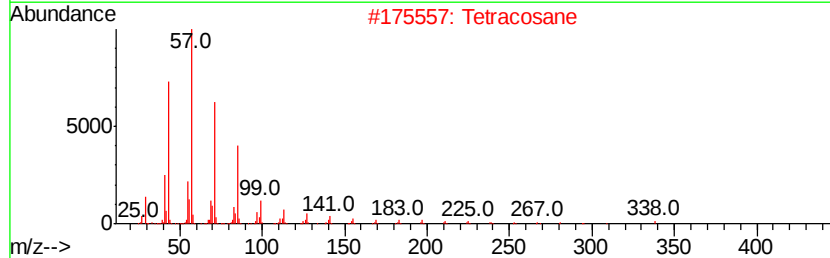
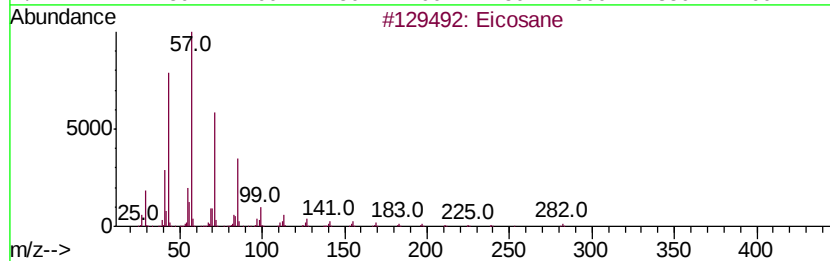
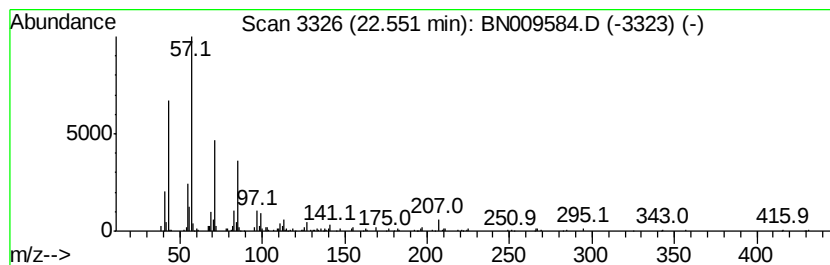
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.05 ng/ul	229831	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tetracosane	338	C24H50	000646-31-1	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Octacosane	394	C28H58	000630-02-4	81
5		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	76



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ClientSampleId :
GAT45

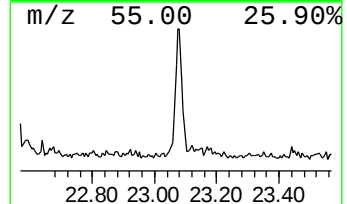
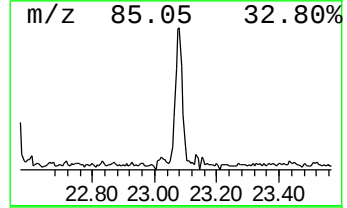
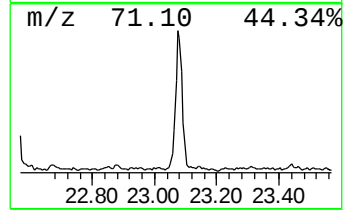
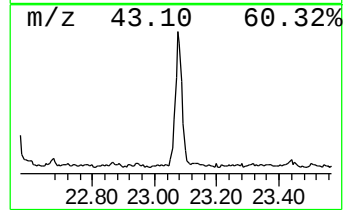
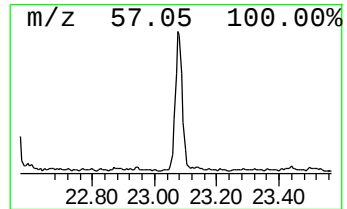
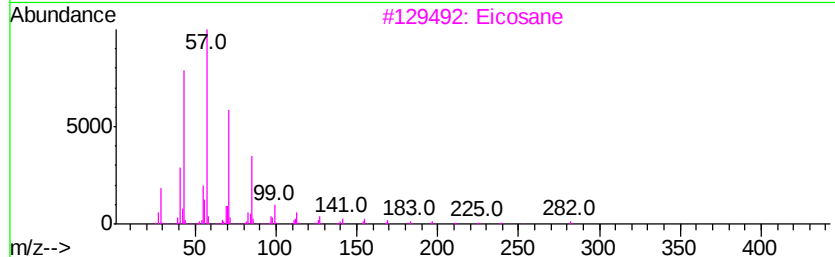
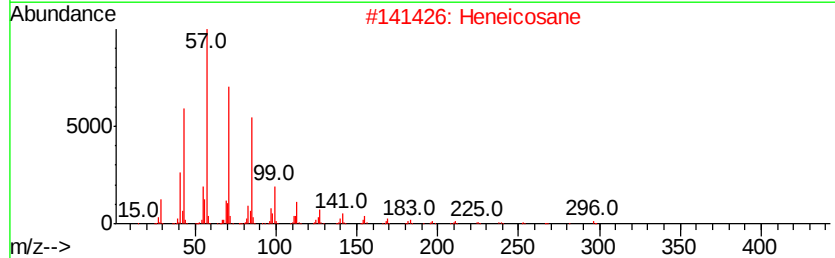
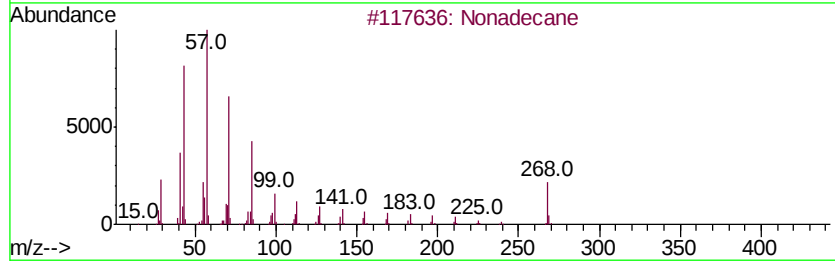
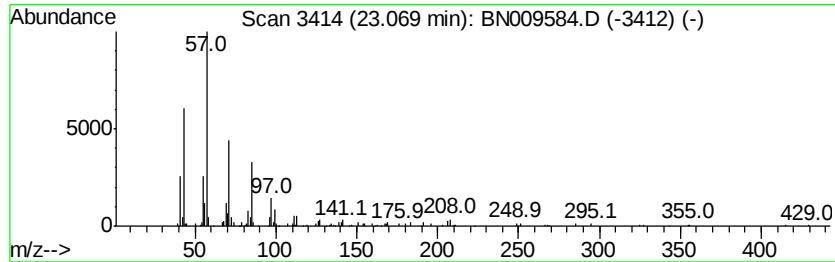
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	2.68 ng/ul	300726	Perylene-d12	23.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	76
2			Heneicosane	296	C21H44	000629-94-7	70
3			Eicosane	282	C20H42	000112-95-8	68
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			2-methyltetracosane	352	C25H52	1000376-72-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009584.D
 Acq On : 05 Feb 2020 03:40
 Operator : CG/JU
 Sample : L1323-05
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT45

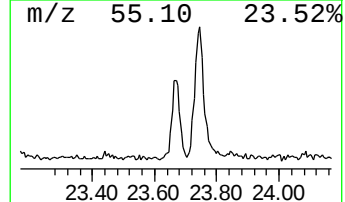
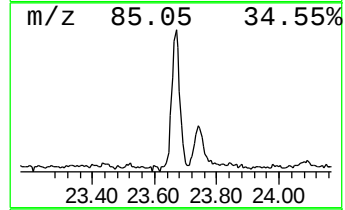
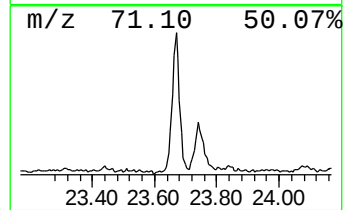
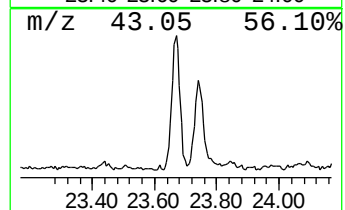
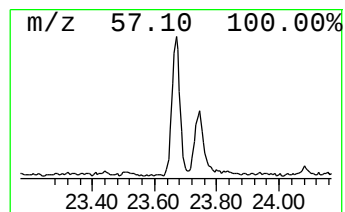
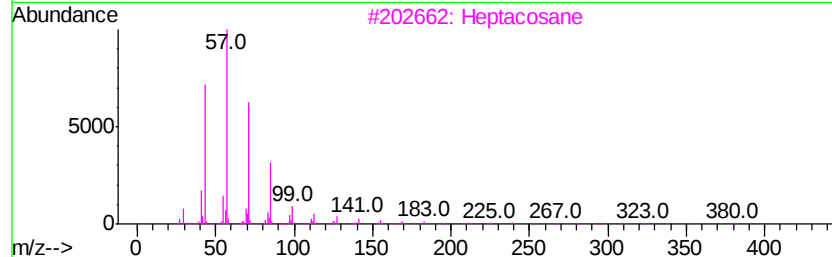
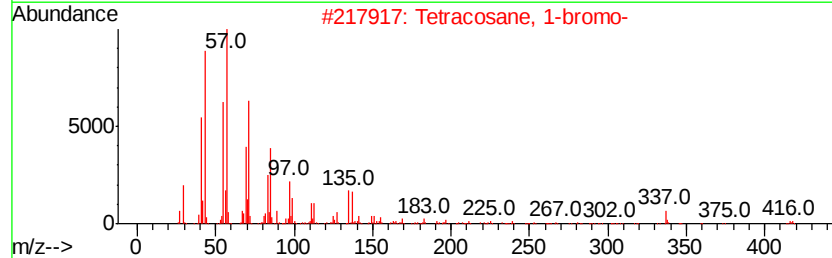
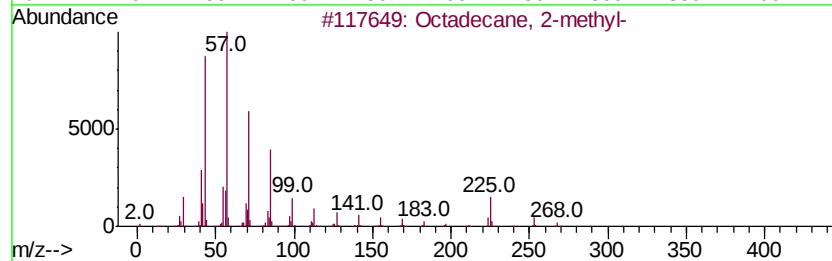
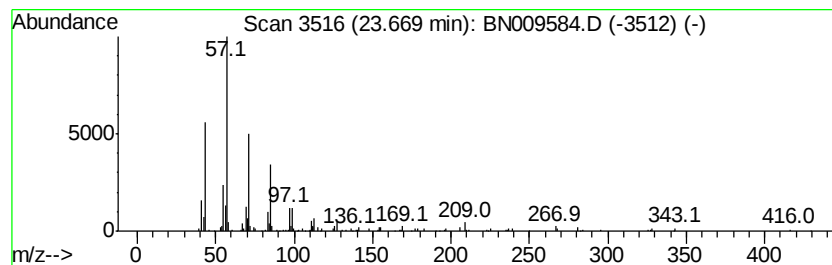
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	2.74 ng/ul	306606	Perylene-d12	23.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
2			Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	86
3			Heptacosane	380	C27H56	000593-49-7	83
4			Tetratetracontane	619	C44H90	007098-22-8	81
5			Nonadecane	268	C19H40	000629-92-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009584.D
Acq On : 05 Feb 2020 03:40
Operator : CG/JU
Sample : L1323-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT45

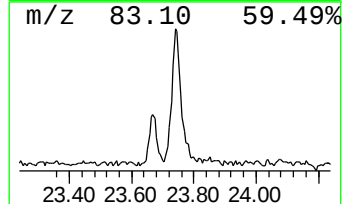
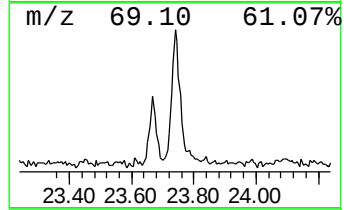
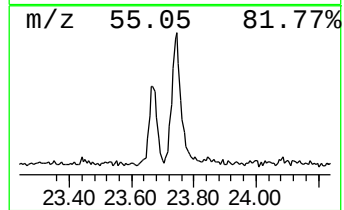
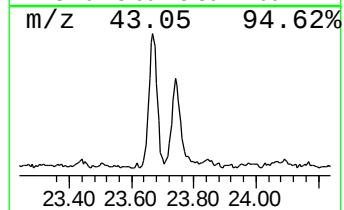
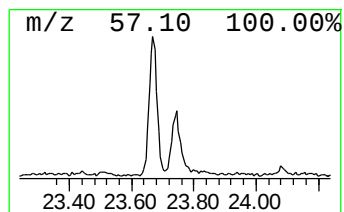
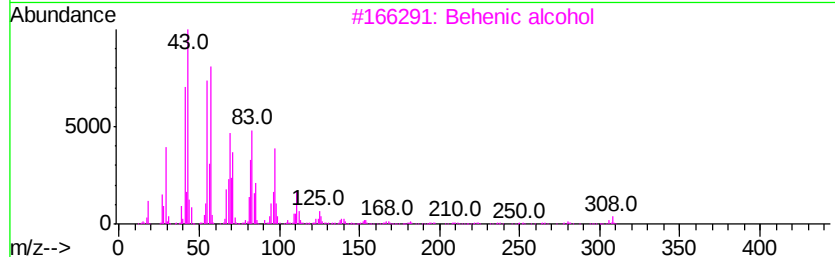
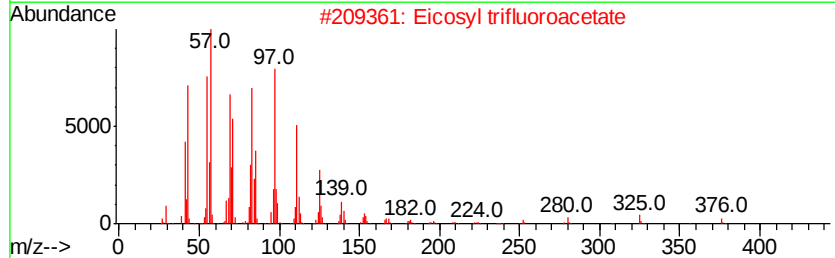
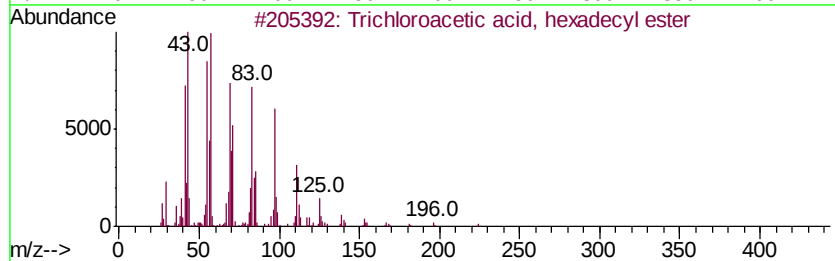
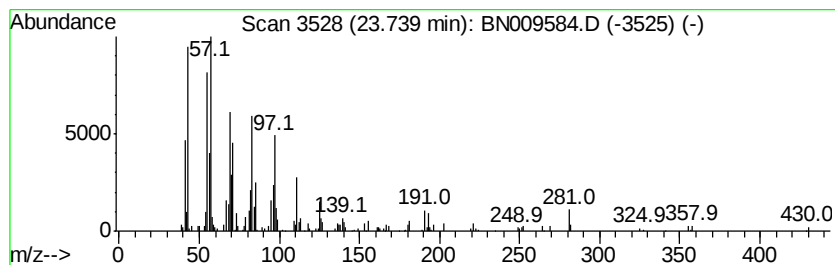
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.46 ng/ul	275336	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
2		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	83
3		Behenic alcohol	326	C22H46O	000661-19-8	83
4		1-Hexacosene	364	C26H52	018835-33-1	83
5		1-Heptacosanol	396	C27H56O	002004-39-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009584.D
Acq On : 05 Feb 2020 03:40
Operator : CG/JU
Sample : L1323-05
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT45

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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	17.76	4.3	ng/ul	454834	4	16.83	2131140	20.0
(DEL) Alkane: Str...	20.78	8.3	ng/ul	950737	5	21.04	2282140	20.0
(DEL) Alkane: Str...	22.55	2.0	ng/ul	229831	6	23.15	2241180	20.0
(DEL) Alkane: Str...	23.07	2.7	ng/ul	300726	6	23.15	2241180	20.0
(DEL) Alkane: Str...	23.67	2.7	ng/ul	306606	6	23.15	2241180	20.0
Trichloroacetic a...	23.74	2.5	ng/ul	275336	6	23.15	2241180	20.0