

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
 Data File : BN010134.D
 Acq On : 07 Mar 2020 00:09
 Operator : CG/JU
 Sample : L1834-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0DG9

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	3.011	34	38	47	rVB2	27532	44444	1.76%	0.184%
2	3.293	85	86	89	rBV	7707	7767	0.31%	0.032%
3	3.405	103	105	109	rVB	11210	10812	0.43%	0.045%
4	3.458	113	114	117	rBV	9461	8113	0.32%	0.034%
5	3.605	137	139	142	rVB	8918	8789	0.35%	0.036%
6	3.746	160	163	164	rBV	7254	7782	0.31%	0.032%
7	3.840	175	179	181	rVB	9797	10671	0.42%	0.044%
8	3.899	186	189	191	rBV	8829	10110	0.40%	0.042%
9	4.181	235	237	242	rVB	6449	7699	0.30%	0.032%
10	4.358	264	267	268	rBV	7896	9665	0.38%	0.040%
11	4.475	283	287	288	rBV	9201	11829	0.47%	0.049%
12	4.617	308	311	312	rBV	10139	7593	0.30%	0.031%
13	4.640	312	315	318	rBV	8126	10802	0.43%	0.045%
14	4.705	323	326	329	rVV	6164	7415	0.29%	0.031%
15	5.087	387	391	393	rBV	7196	8792	0.35%	0.036%
16	5.105	393	394	397	rVB	10988	9803	0.39%	0.041%
17	5.134	397	399	402	rBV	11426	10841	0.43%	0.045%
18	5.169	402	405	407	rBV	13224	8649	0.34%	0.036%
19	5.311	428	429	432	rVB	8625	7806	0.31%	0.032%
20	5.352	432	436	437	rBV	8644	9999	0.40%	0.041%
21	5.952	533	538	541	rBV	6007	8181	0.32%	0.034%
22	5.999	543	546	550	rVB	8373	14157	0.56%	0.059%
23	6.093	558	562	566	rBV	8277	17011	0.67%	0.070%
24	6.469	624	626	627	rBV	11860	7382	0.29%	0.031%
25	6.569	638	643	652	rBV3	58439	135803	5.37%	0.561%
26	6.716	661	668	679	rBV	266364	468092	18.51%	1.935%
27	6.899	693	699	708	rBV	301566	512788	20.27%	2.120%
28	7.275	760	763	766	rBV	8625	12199	0.48%	0.050%
29	7.352	770	776	785	rBV2	305614	542756	21.46%	2.244%
30	7.452	791	793	796	rBV	7184	9321	0.37%	0.039%
31	7.505	800	802	804	rBV	6170	7723	0.31%	0.032%
32	7.563	810	812	814	rVB	9471	7453	0.29%	0.031%
33	7.593	814	817	819	rBV	8188	11668	0.46%	0.048%
34	7.663	826	829	830	rVV	6926	8059	0.32%	0.033%

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35	7.693	833	834	839	rVB	8013	10584	0.42%	0.044%
36	7.934	870	875	878	rBV	8273	15258	0.60%	0.063%
37	7.975	878	882	889	rBV	10389	25769	1.02%	0.107%
38	8.040	889	893	894	rBV	6923	9379	0.37%	0.039%
39	8.075	894	899	907	rVV	201887	360053	14.23%	1.488%
40	8.158	911	913	915	rVV	10561	9059	0.36%	0.037%
41	8.193	917	919	922	rVB	10501	10188	0.40%	0.042%
42	8.499	964	971	983	rVV	383092	709584	28.05%	2.933%
43	8.605	987	989	992	rVB	7208	7475	0.30%	0.031%
44	8.628	992	993	997	rBV	9082	9439	0.37%	0.039%
45	8.834	1025	1028	1031	rVV	7152	9731	0.38%	0.040%
46	8.887	1035	1037	1041	rVB	7443	9092	0.36%	0.038%
47	8.922	1041	1043	1044	rBV	10609	8346	0.33%	0.035%
48	8.934	1044	1045	1048	rVB	10016	8967	0.35%	0.037%
49	9.146	1080	1081	1084	rBV	7892	10157	0.40%	0.042%
50	9.210	1086	1092	1101	rBV	322695	578261	22.86%	2.390%
51	9.305	1107	1108	1113	rVB	10815	12015	0.47%	0.050%
52	9.387	1120	1122	1125	rVB	7723	8602	0.34%	0.036%
53	9.434	1127	1130	1133	rVV	6705	10940	0.43%	0.045%
54	9.463	1133	1135	1138	rVB	8359	10420	0.41%	0.043%
55	9.640	1162	1165	1167	rBV	9048	10474	0.41%	0.043%
56	9.752	1178	1184	1197	rBV2	272085	690980	27.32%	2.856%
57	10.099	1237	1243	1254	rVB	415851	735003	29.06%	3.038%
58	10.393	1291	1293	1296	rBV	11137	16192	0.64%	0.067%
59	10.528	1315	1316	1320	rVB	7290	8579	0.34%	0.035%
60	10.604	1324	1329	1332	rBV	7824	10130	0.40%	0.042%
61	10.904	1376	1380	1382	rBV	6696	7791	0.31%	0.032%
62	11.051	1404	1405	1408	rVB	10678	8993	0.36%	0.037%
63	11.087	1408	1411	1413	rBV	7966	10769	0.43%	0.045%
64	11.104	1413	1414	1418	rVB	9092	7883	0.31%	0.033%
65	11.146	1418	1421	1425	rVB	6470	7733	0.31%	0.032%
66	11.487	1477	1479	1482	rVB	9013	7484	0.30%	0.031%
67	11.563	1490	1492	1494	rBV	9617	10083	0.40%	0.042%
68	11.816	1534	1535	1537	rBV	12036	8292	0.33%	0.034%
69	11.857	1540	1542	1543	rBV	10355	8467	0.33%	0.035%
70	11.946	1554	1557	1561	rBV	4933	8292	0.33%	0.034%
71	12.581	1664	1665	1668	rBV	13887	13516	0.53%	0.056%

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72	12.904	1717	1720	1722	rBV	11444	13273	0.52%	0.055%
73	12.934	1722	1725	1726	rVV	7986	8040	0.32%	0.033%
74	13.098	1751	1753	1757	rVB	9327	9748	0.39%	0.040%
75	13.145	1757	1761	1764	rBV	6008	11896	0.47%	0.049%
76	13.428	1803	1809	1815	rBV	873670	1285226	50.81%	5.313%
77	13.681	1846	1852	1864	rVV	999040	1490618	58.93%	6.162%
78	13.798	1870	1872	1873	rBV	11972	9818	0.39%	0.041%
79	13.998	1900	1906	1917	rVB	631535	960899	37.99%	3.972%
80	14.298	1951	1957	1962	rBV2	27843	71621	2.83%	0.296%
81	14.451	1981	1983	1985	rBV	8589	8289	0.33%	0.034%
82	14.528	1995	1996	1997	rBV	12072	7859	0.31%	0.032%
83	14.545	1997	1999	2002	rVV2	12348	17267	0.68%	0.071%
84	15.004	2071	2077	2086	rVB	1264234	1911708	75.58%	7.902%
85	15.169	2100	2105	2114	rBV	422408	758296	29.98%	3.135%
86	15.651	2185	2187	2189	rBV	10029	8792	0.35%	0.036%
87	15.887	2225	2227	2229	rBV	9919	7963	0.31%	0.033%
88	16.757	2370	2375	2386	rVB	795930	1111027	43.92%	4.593%
89	16.857	2386	2392	2401	rBV	1529577	2240612	88.58%	9.262%
90	17.692	2530	2534	2542	rBV2	105078	176203	6.97%	0.728%
91	19.169	2780	2785	2798	rVB	1939033	2529490	100.00%	10.456%
92	20.722	3045	3049	3056	rBV2	214056	283603	11.21%	1.172%
93	20.986	3089	3094	3100	rBV	958777	1198198	47.37%	4.953%
94	21.586	3193	3196	3202	rVB2	86660	116130	4.59%	0.480%
95	22.016	3266	3269	3273	rVB	164699	176651	6.98%	0.730%
96	22.127	3285	3288	3293	rVB	158763	184065	7.28%	0.761%
97	22.474	3344	3347	3353	rVB	216344	260481	10.30%	1.077%
98	22.945	3422	3427	3432	rBV	1441318	2392194	94.57%	9.889%
99	23.080	3444	3450	3456	rVB2	648132	1205173	47.64%	4.982%
100	23.563	3529	3532	3538	rVB	232689	350152	13.84%	1.447%

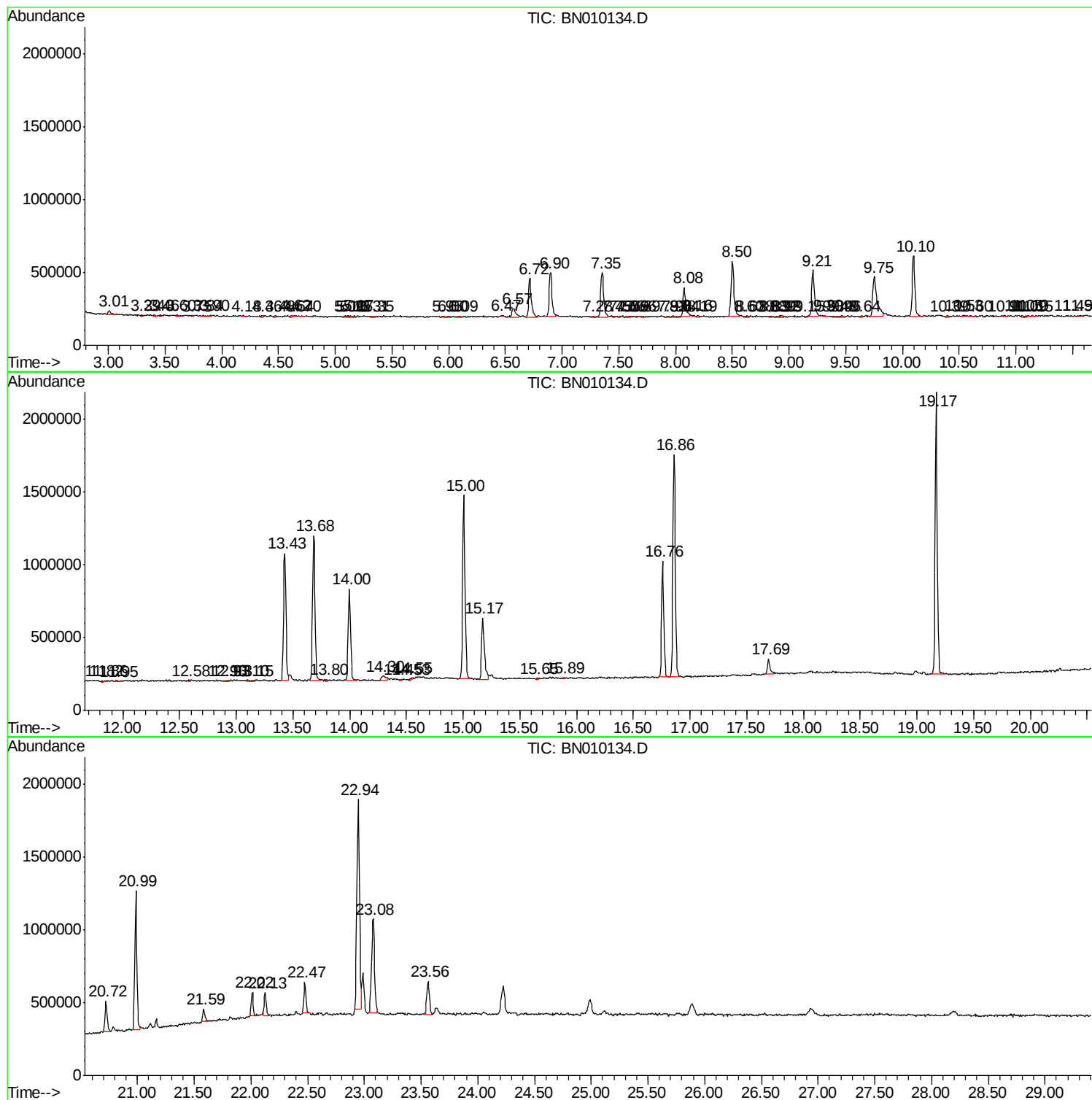
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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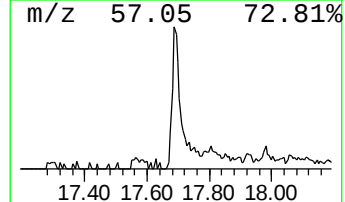
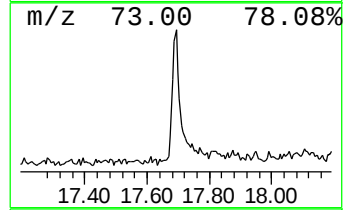
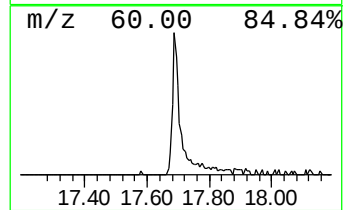
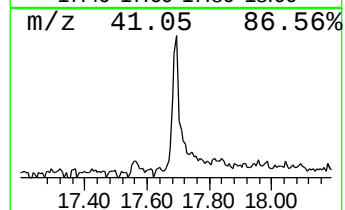
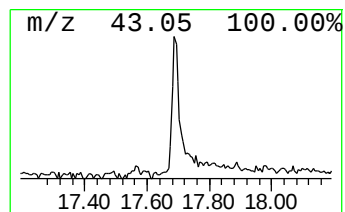
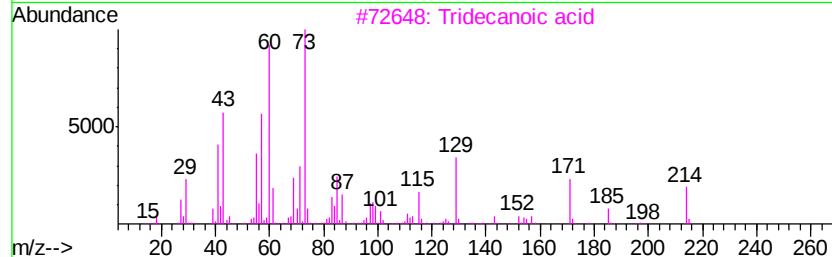
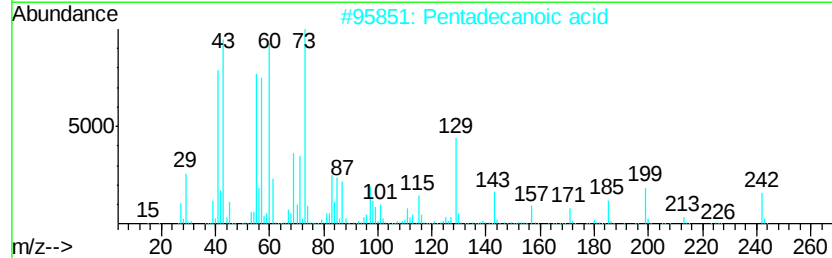
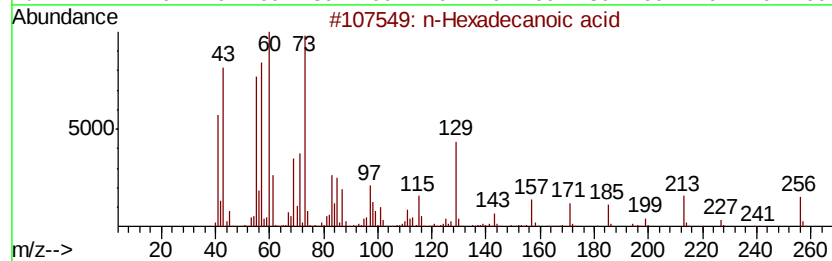
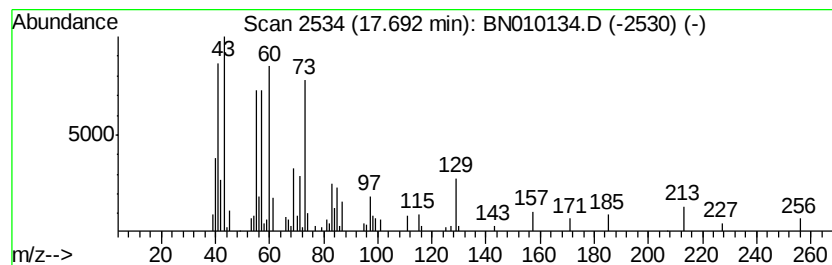
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	3.17 ng/ul	176203	Phenanthrene-d10	16.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Undecanoic acid	186	C11H22O2	000112-37-8	80



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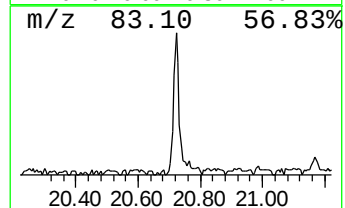
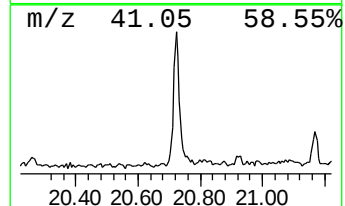
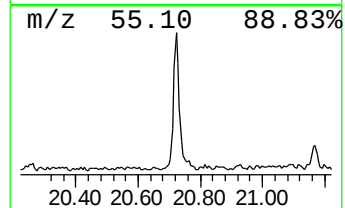
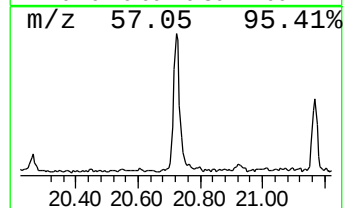
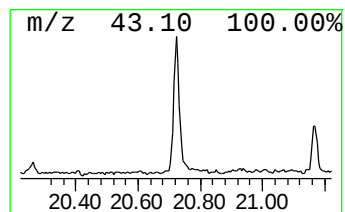
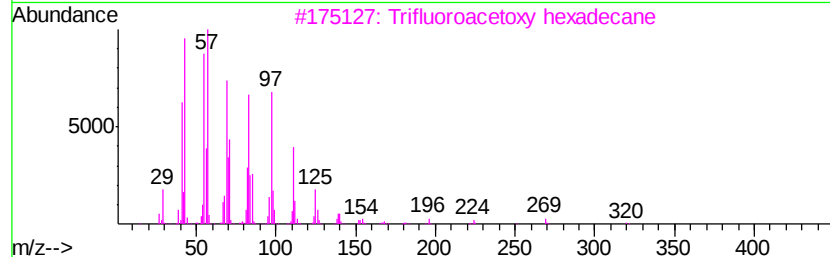
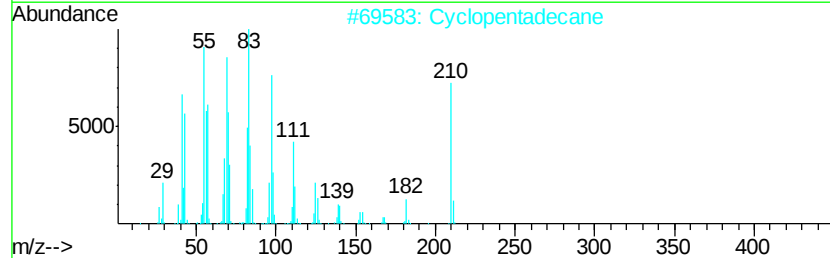
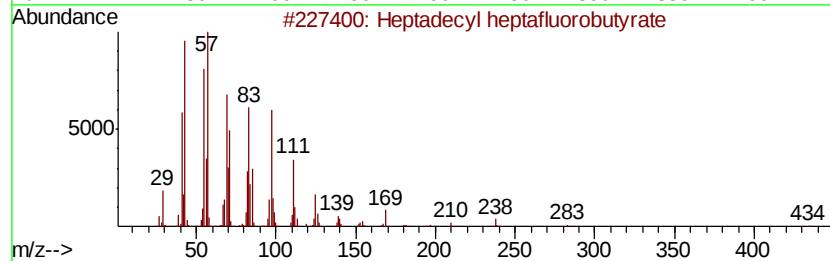
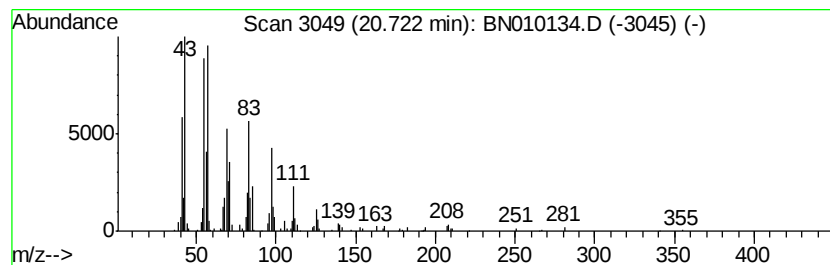
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.73 ng/ul	283603	Chrysene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	93
2		Cyclopentadecane	210	C15H30	000295-48-7	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	91
5		1,2-Octadecanediol	286	C18H38O2	020294-76-2	91



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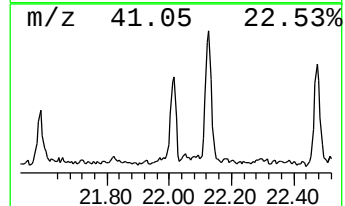
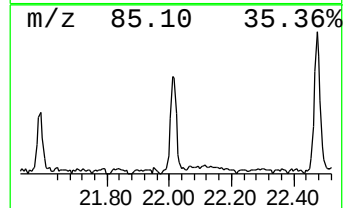
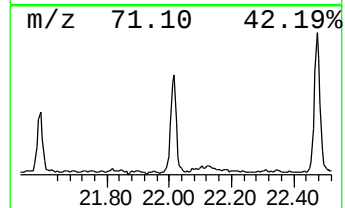
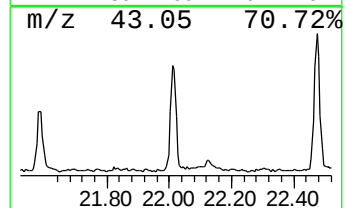
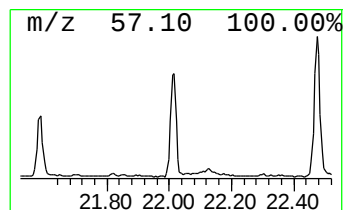
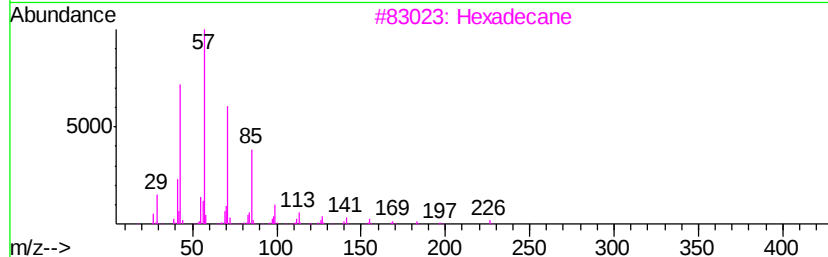
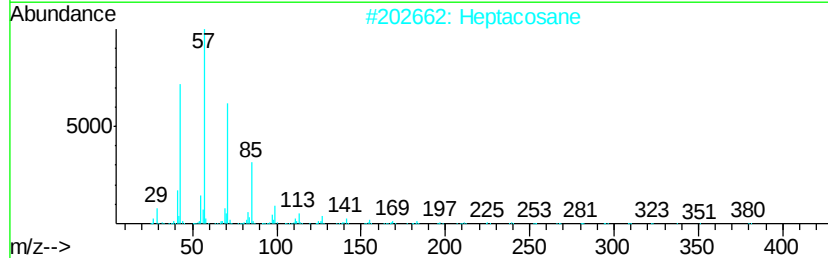
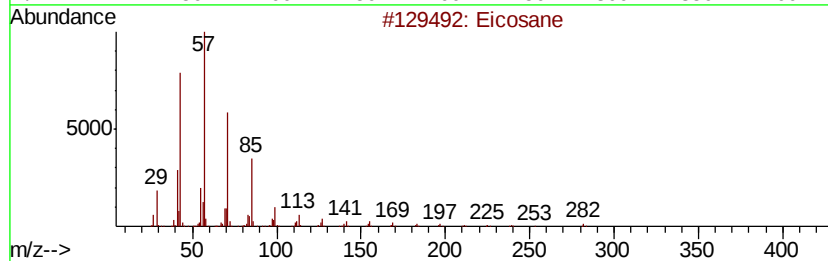
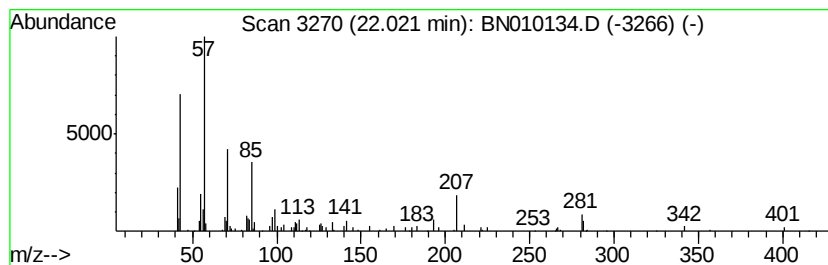
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.95 ng/ul	176651	Chrysene-d12	20.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptacosane	380	C27H56	000593-49-7	68
3		Hexadecane	226	C16H34	000544-76-3	64
4		Eicosane, 3-methyl-	296	C21H44	006418-46-8	64
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0DG9

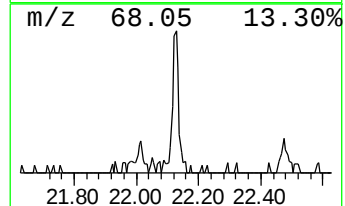
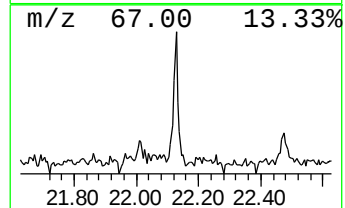
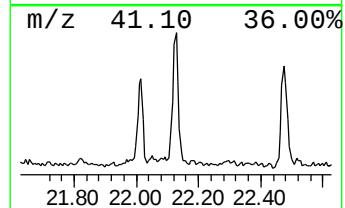
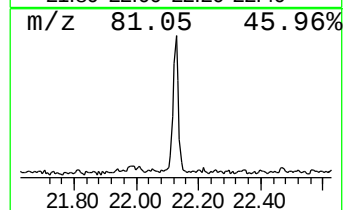
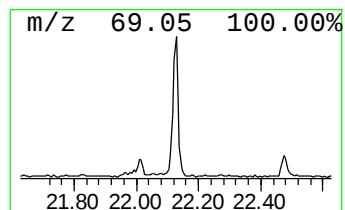
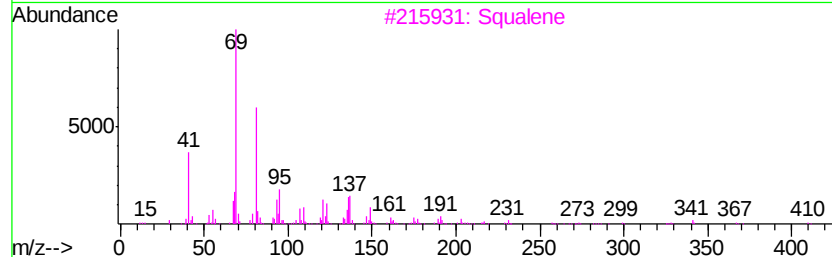
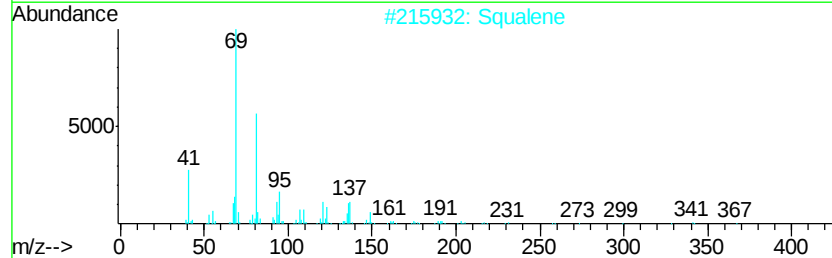
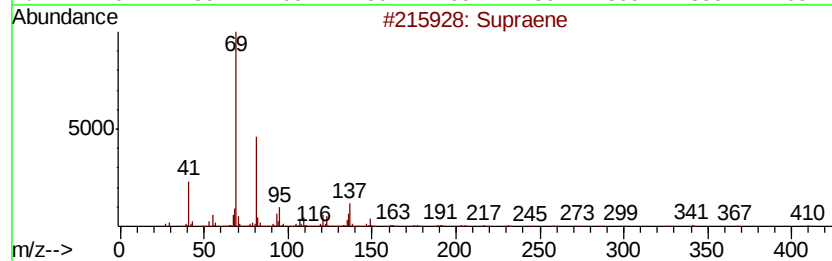
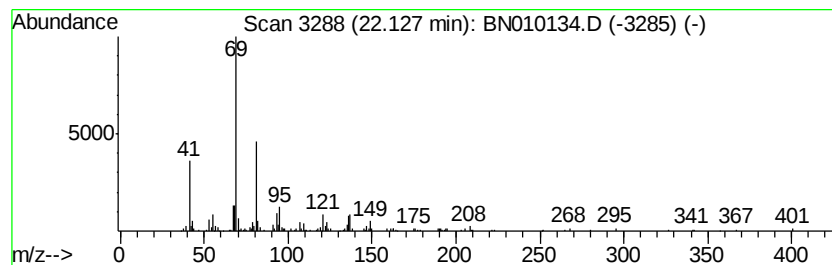
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	3.05 ng/ul	184065	Perylene-d12	23.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	87
3		Squalene	410	C30H50	000111-02-4	78
4		Squalene	410	C30H50	000111-02-4	78
5		Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010134.D
Acq On : 07 Mar 2020 00:09
Operator : CG/JU
Sample : L1834-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0DG9

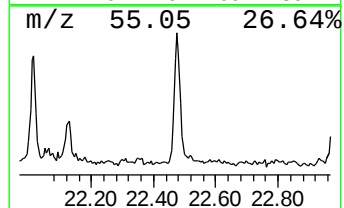
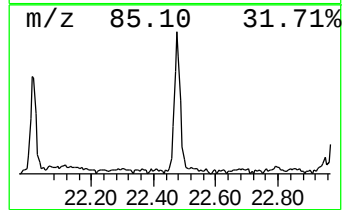
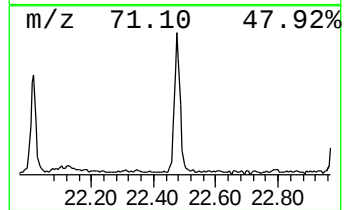
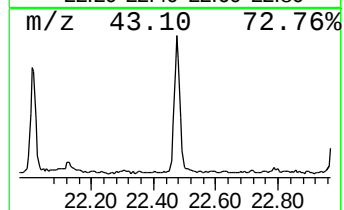
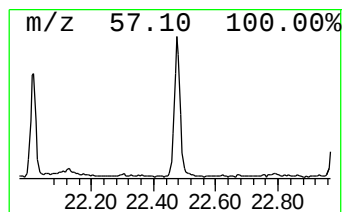
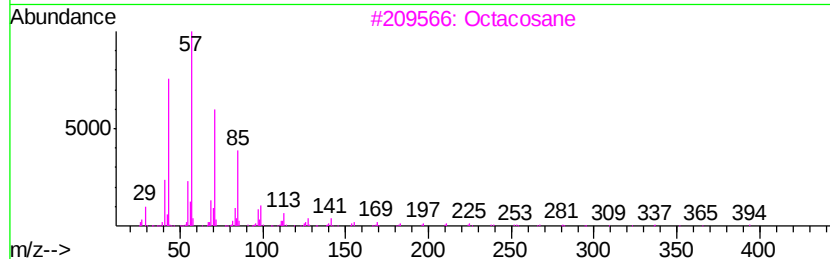
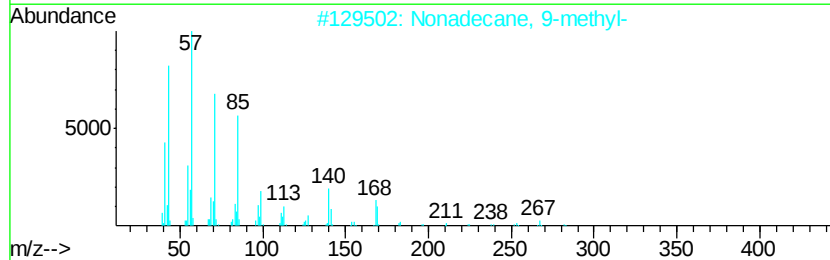
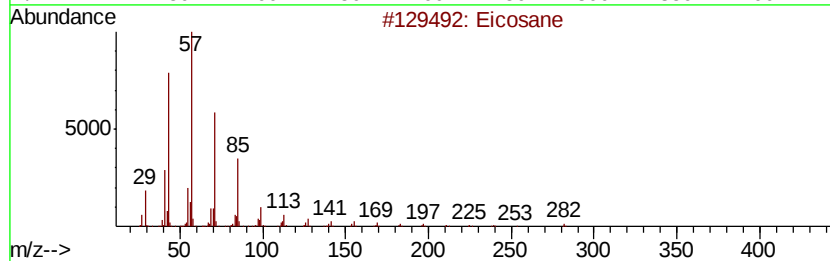
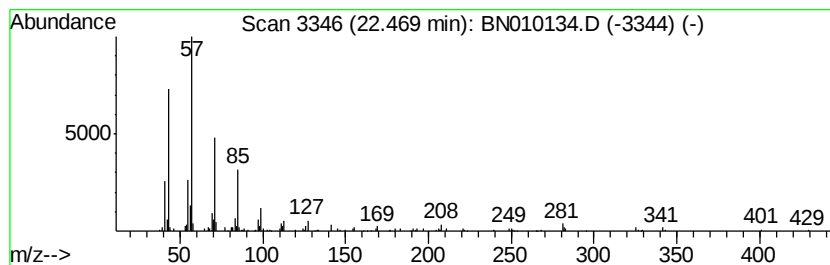
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Quant Title : SVOA CALIBRATION

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.
22.47	4.32 ng/ul	260481	Perylene-d12	23.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3		Octacosane	394	C28H58	000630-02-4	81
4		Heptacosane	380	C27H56	000593-49-7	74
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030620\
Data File : BN010134.D
Acq On : 07 Mar 2020 00:09
Operator : CG/JU
Sample : L1834-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

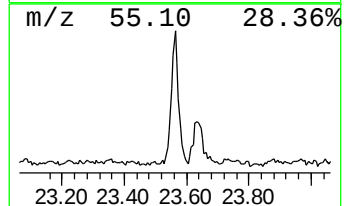
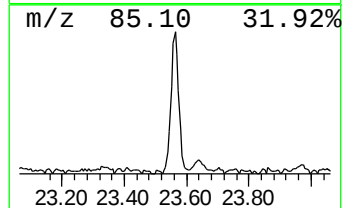
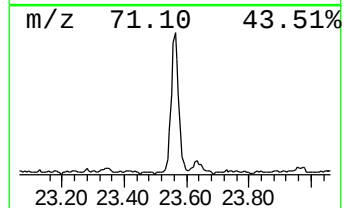
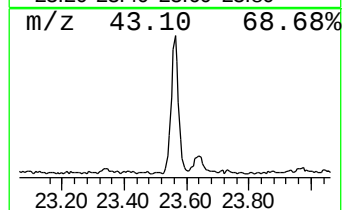
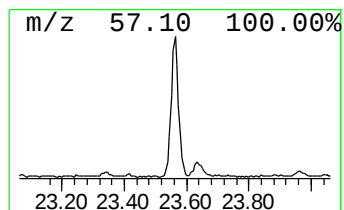
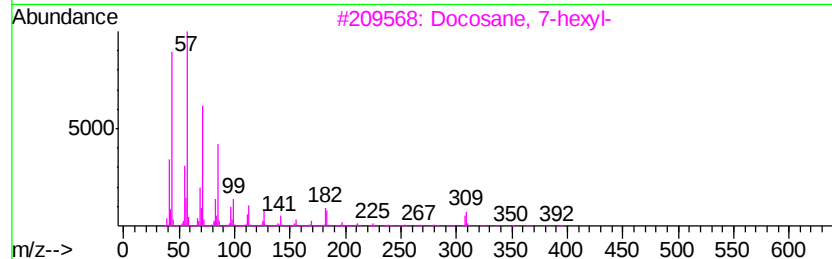
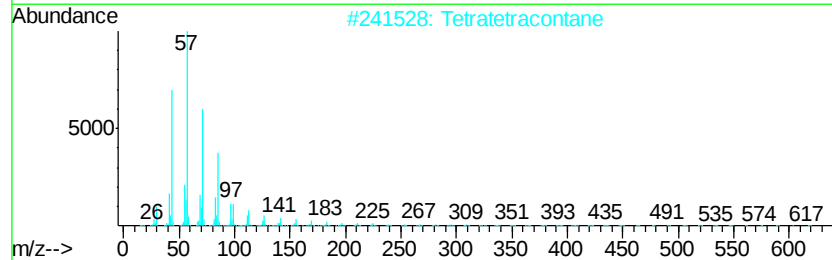
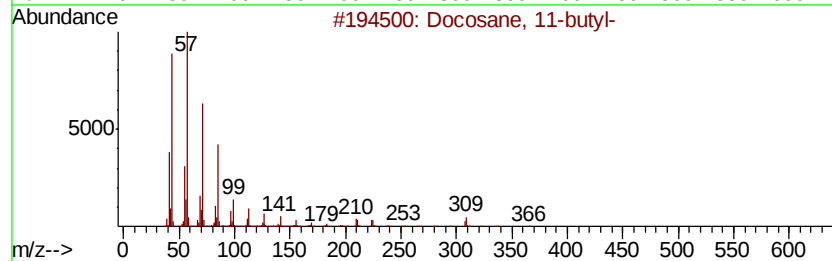
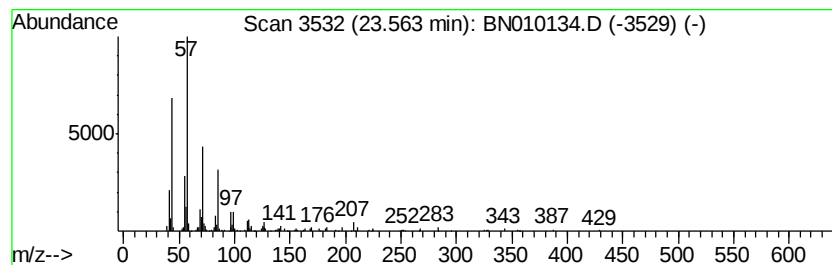
Instrument :
BNA_N
ClientSampleId :
C0DG9

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 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.56	5.81 ng/ul	350152	Perylene-d12		23.08
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2	Tetratetracontane	619	C44H90	007098-22-8	81
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	74
4	2-methyloctacosane	408	C29H60	1000376-72-8	74
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030620\
Data File : BN010134.D
Acq On : 07 Mar 2020 00:09
Operator : CG/JU
Sample : L1834-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0DG9

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
n-Hexadecanoic acid	17.69	3.2	ng/ul	176203	4	16.76	1111030	20.0
Heptadecyl heptaf...	20.72	4.7	ng/ul	283603	5	20.99	1198200	20.0
(DEL) Alkane: Str...	22.02	3.0	ng/ul	176651	5	20.99	1198200	20.0
Supraene	22.13	3.0	ng/ul	184065	6	23.08	1205170	20.0
(DEL) Alkane: Str...	22.47	4.3	ng/ul	260481	6	23.08	1205170	20.0
(DEL) Alkane: Str...	23.56	5.8	ng/ul	350152	6	23.08	1205170	20.0