

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009545.D
 Acq On : 04 Feb 2020 01:11
 Operator : CG/JU
 Sample : L1342-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B0AH0

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	3.081	12	16	23	rVV	28206	43263	1.59%	0.114%
2	3.481	81	84	87	rVB4	4647	5573	0.21%	0.015%
3	3.570	95	99	107	rVB2	19461	26883	0.99%	0.071%
4	3.681	114	118	124	rVB3	13835	22085	0.81%	0.058%
5	3.764	126	132	135	rBV5	7985	15920	0.59%	0.042%
6	4.299	219	223	226	rBV3	5044	6469	0.24%	0.017%
7	4.646	277	282	290	rBV4	14950	26324	0.97%	0.069%
8	5.993	508	511	517	rVB4	3991	8441	0.31%	0.022%
9	6.640	614	621	633	rBV	440716	727364	26.79%	1.910%
10	6.799	639	648	661	rBV	361850	559864	20.62%	1.470%
11	6.987	673	680	694	rBV	437628	704874	25.96%	1.850%
12	7.093	694	698	701	rVB3	5554	6163	0.23%	0.016%
13	7.440	750	757	768	rBV	723415	1120677	41.28%	2.942%
14	7.522	768	771	772	rVV3	5459	5169	0.19%	0.014%
15	8.152	872	878	890	rBV	497111	801318	29.51%	2.104%
16	8.269	893	898	900	rVV6	6722	11269	0.42%	0.030%
17	8.581	945	951	962	rVV	450160	744060	27.40%	1.953%
18	8.769	978	983	988	rVB6	3152	5997	0.22%	0.016%
19	9.034	1024	1028	1033	rVB	9560	12626	0.47%	0.033%
20	9.293	1066	1072	1083	rBV	365049	612499	22.56%	1.608%
21	9.828	1157	1163	1174	rBV	497593	840621	30.96%	2.207%
22	10.193	1215	1225	1232	rBV	981784	1622923	59.77%	4.261%
23	10.252	1232	1235	1239	rVB4	5415	6660	0.25%	0.017%
24	10.340	1244	1250	1264	rBV	345581	697586	25.69%	1.831%
25	10.722	1313	1315	1321	rVB5	7316	12160	0.45%	0.032%
26	11.740	1486	1488	1493	rVB4	4051	5629	0.21%	0.015%
27	11.793	1493	1497	1505	rBV4	7172	14193	0.52%	0.037%
28	12.463	1609	1611	1617	rVB4	4208	5541	0.20%	0.015%
29	12.922	1684	1689	1693	rBV4	7038	11375	0.42%	0.030%
30	12.993	1697	1701	1706	rVB2	11369	15119	0.56%	0.040%
31	13.387	1763	1768	1772	rBV6	5138	11476	0.42%	0.030%
32	13.504	1782	1788	1792	rBV	997304	1357341	49.99%	3.563%
33	13.551	1792	1796	1804	rVB	144035	203808	7.51%	0.535%
34	13.763	1826	1832	1841	rVV	939957	1371141	50.50%	3.600%

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35	14.016	1871	1875	1879	rVV2	5177	9188	0.34%	0.024%
36	14.081	1879	1886	1893	rVV2	1393825	2096715	77.22%	5.504%
37	14.145	1893	1897	1902	rVV6	5693	11201	0.41%	0.029%
38	14.310	1919	1925	1946	rBV	382925	690860	25.45%	1.814%
39	14.440	1946	1947	1951	rVV4	5336	6845	0.25%	0.018%
40	14.487	1951	1955	1958	rVV4	7098	13600	0.50%	0.036%
41	14.528	1958	1962	1967	rVV5	29977	49986	1.84%	0.131%
42	14.834	2008	2014	2017	rVV4	4218	5951	0.22%	0.016%
43	14.916	2025	2028	2030	rVV2	6299	7152	0.26%	0.019%
44	14.975	2033	2038	2042	rVB5	8576	12870	0.47%	0.034%
45	15.081	2050	2056	2062	rBV	1345909	1856999	68.40%	4.875%
46	15.222	2075	2080	2094	rBV	466651	671117	24.72%	1.762%
47	15.322	2094	2097	2101	rVB4	13038	16057	0.59%	0.042%
48	15.839	2181	2185	2188	rVV4	7394	9053	0.33%	0.024%
49	15.869	2188	2190	2194	rVB5	6523	7128	0.26%	0.019%
50	15.987	2206	2210	2212	rBV4	3680	5576	0.21%	0.015%
51	16.275	2256	2259	2263	rVB4	5135	7378	0.27%	0.019%
52	16.628	2315	2319	2322	rBV4	12154	20660	0.76%	0.054%
53	16.769	2338	2343	2348	rBV4	20205	27201	1.00%	0.071%
54	16.834	2348	2354	2358	rVV	1638657	2375466	87.49%	6.236%
55	16.875	2358	2361	2365	rVB	110101	142075	5.23%	0.373%
56	16.928	2365	2370	2382	rBV	1449967	2049242	75.48%	5.380%
57	17.034	2385	2388	2389	rBV3	9329	9313	0.34%	0.024%
58	17.251	2417	2425	2433	rBV5	62021	106999	3.94%	0.281%
59	17.369	2441	2445	2448	rBV4	12738	18871	0.70%	0.050%
60	17.522	2466	2471	2472	rBV5	5561	6810	0.25%	0.018%
61	17.645	2484	2492	2496	rBV6	17501	37580	1.38%	0.099%
62	17.710	2498	2503	2507	rVV5	25019	41596	1.53%	0.109%
63	17.763	2507	2512	2520	rVV	259880	407319	15.00%	1.069%
64	17.822	2520	2522	2528	rVV2	34078	69369	2.55%	0.182%
65	17.898	2530	2535	2540	rVV5	36393	76284	2.81%	0.200%
66	17.939	2540	2542	2547	rVB3	16924	22833	0.84%	0.060%
67	18.063	2558	2563	2567	rVB4	21913	37502	1.38%	0.098%
68	18.198	2582	2586	2588	rBV4	25332	34013	1.25%	0.089%
69	18.222	2588	2590	2592	rVV3	17453	18002	0.66%	0.047%
70	18.251	2592	2595	2603	rVB6	21992	38366	1.41%	0.101%
71	18.633	2656	2660	2665	rBV5	27320	49025	1.81%	0.129%

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72	18.704	2669	2672	2675	rVB3	23293	27232	1.00%	0.071%
73	18.781	2682	2685	2688	rVB5	14151	20551	0.76%	0.054%
74	18.869	2696	2700	2701	rBV	25814	26276	0.97%	0.069%
75	18.898	2701	2705	2714	rVB	317142	427604	15.75%	1.123%
76	19.057	2728	2732	2735	rBV3	51565	73178	2.70%	0.192%
77	19.122	2741	2743	2750	rVB5	23117	34526	1.27%	0.091%
78	19.239	2756	2763	2776	rBV2	1615919	2636452	97.10%	6.921%
79	19.328	2776	2778	2781	rBV3	20523	23359	0.86%	0.061%
80	19.398	2788	2790	2793	rVB4	18903	17461	0.64%	0.046%
81	19.510	2807	2809	2813	rVB5	20938	18905	0.70%	0.050%
82	19.739	2844	2848	2850	rBV4	27176	47820	1.76%	0.126%
83	19.775	2851	2854	2855	rBV2	36929	37423	1.38%	0.098%
84	19.828	2860	2863	2867	rVB	51665	55436	2.04%	0.146%
85	19.928	2878	2880	2884	rVB3	27048	27110	1.00%	0.071%
86	20.110	2907	2911	2914	rBV6	37501	62739	2.31%	0.165%
87	20.328	2945	2948	2957	rVB2	71216	111100	4.09%	0.292%
88	20.786	3022	3026	3038	rVB	1054979	1444562	53.21%	3.792%
89	20.986	3058	3060	3063	rBV2	72478	83123	3.06%	0.218%
90	21.039	3063	3069	3073	rVV	2021407	2715085	100.00%	7.128%
91	21.075	3073	3075	3080	rVB	183604	225622	8.31%	0.592%
92	21.233	3099	3102	3109	rVB	186539	198925	7.33%	0.522%
93	21.651	3170	3173	3184	rVB3	309462	504341	18.58%	1.324%
94	22.086	3244	3247	3252	rVB	225056	270302	9.96%	0.710%
95	22.557	3324	3327	3331	rVV	306619	392223	14.45%	1.030%
96	22.598	3331	3334	3345	rVB2	310469	487768	17.97%	1.281%
97	23.021	3401	3406	3411	rBV	1097030	1760601	64.85%	4.622%
98	23.151	3422	3428	3435	rBV	1371632	2394312	88.19%	6.286%
99	23.674	3513	3517	3523	rVB	345105	580018	21.36%	1.523%
100	23.751	3526	3530	3540	rVB2	366338	679168	25.01%	1.783%

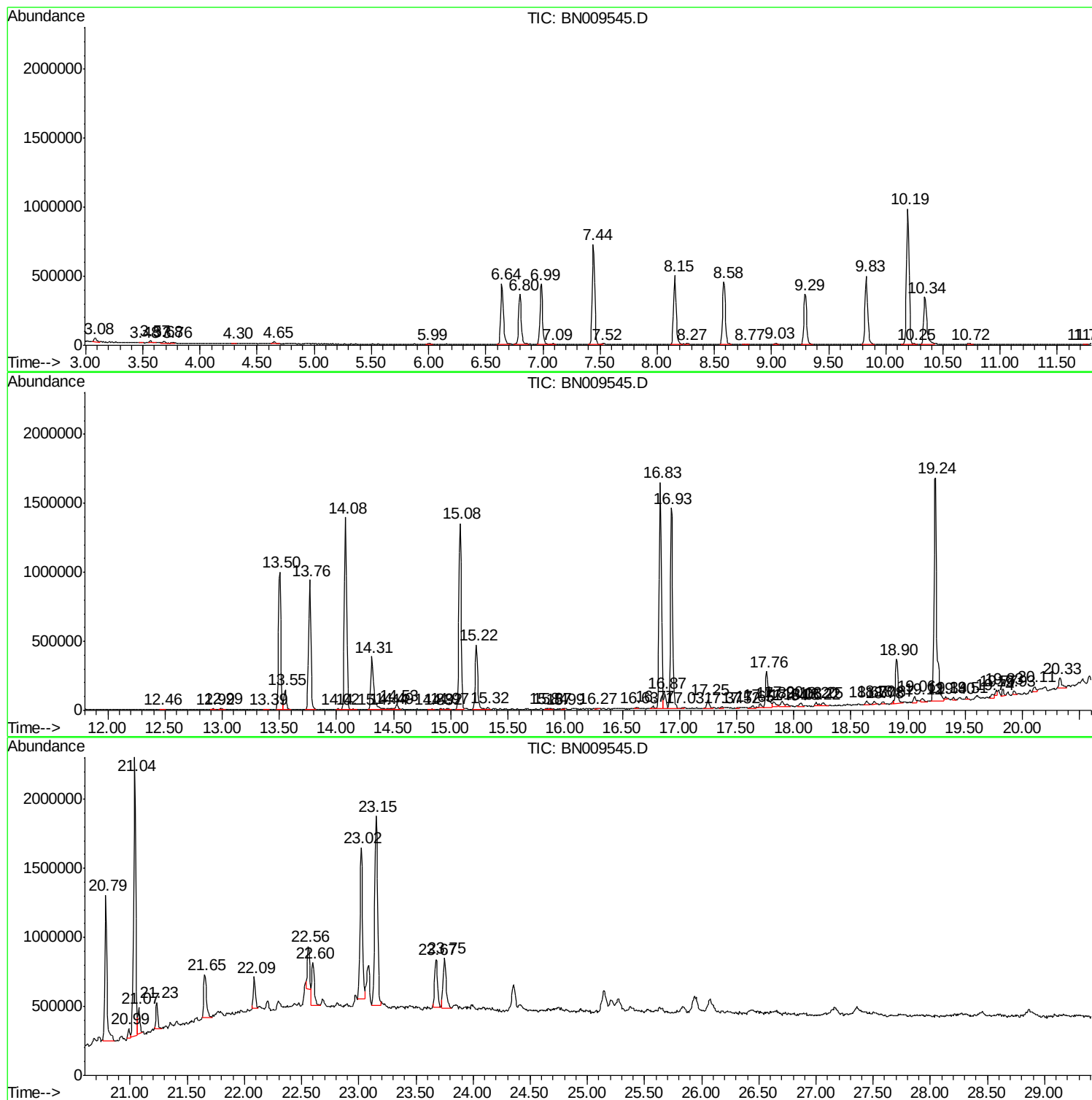
Sum of corrected areas: 38091835

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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



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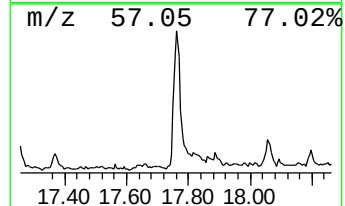
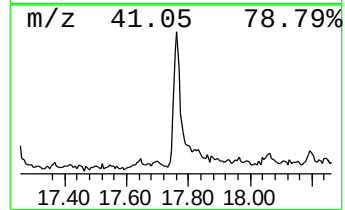
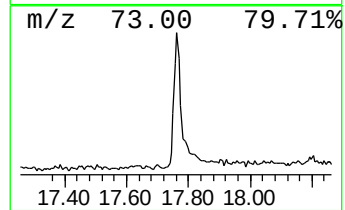
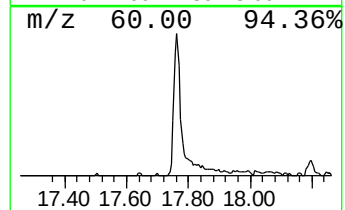
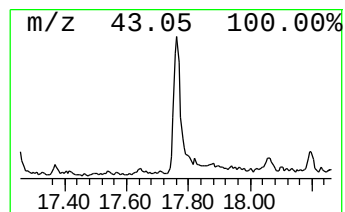
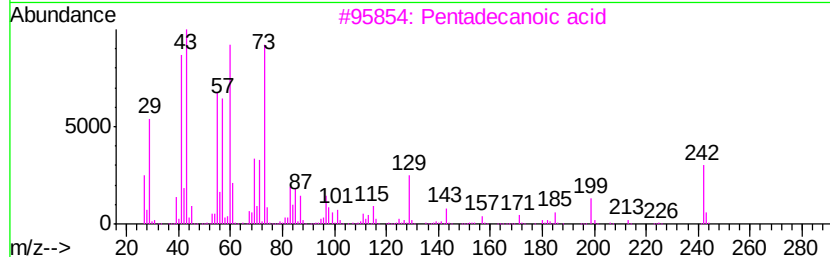
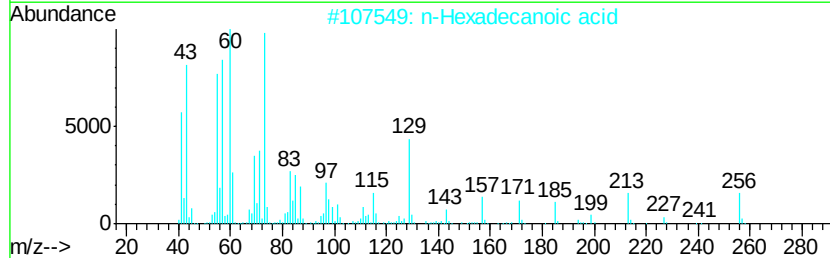
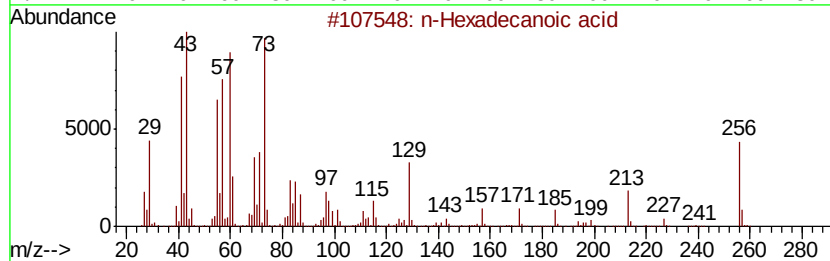
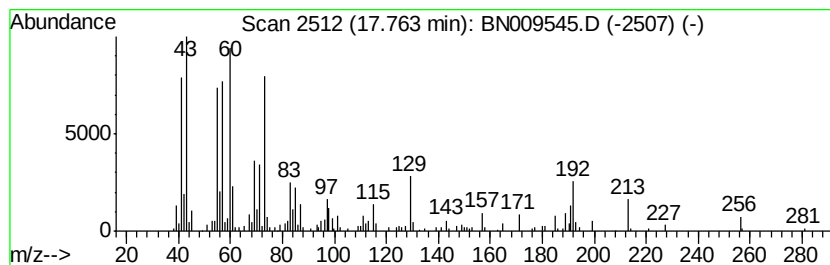
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.76	3.43 ng/ul	407319	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58	



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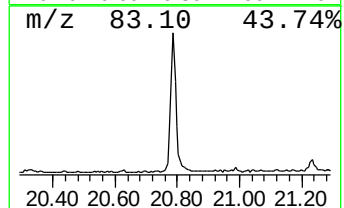
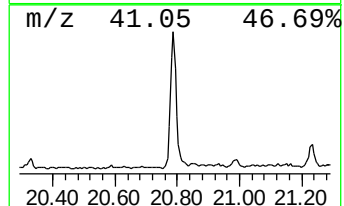
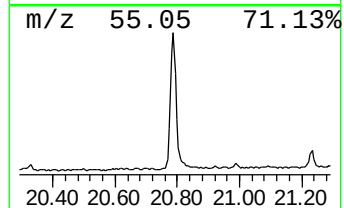
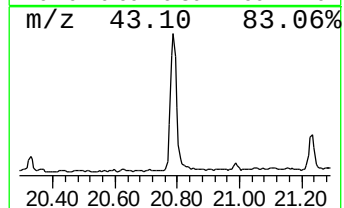
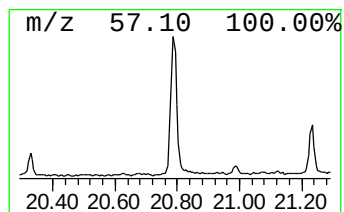
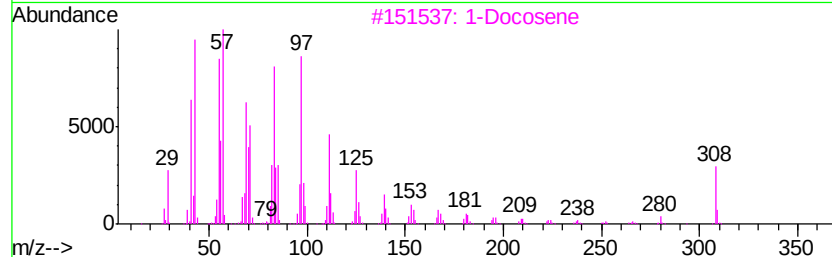
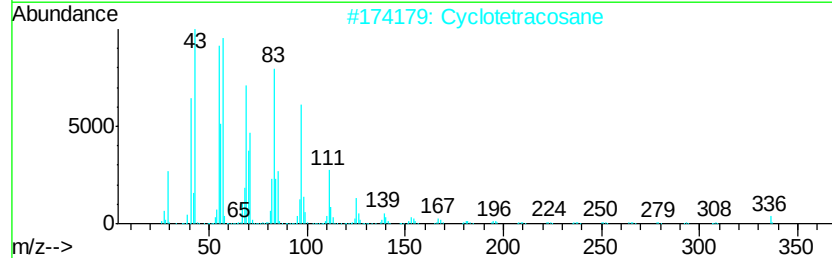
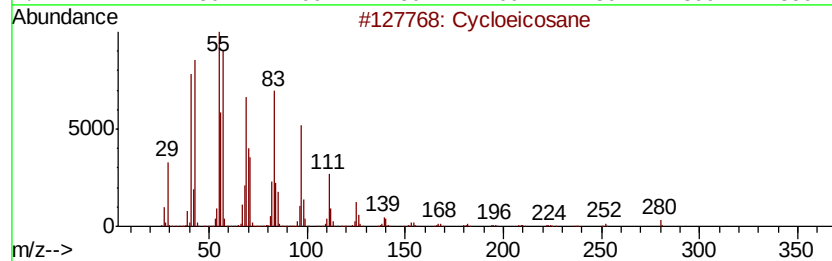
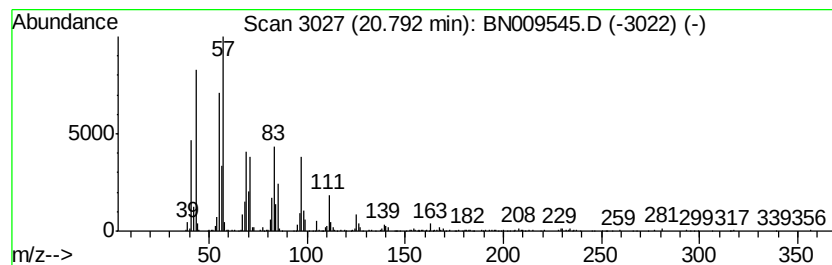
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	10.64 ng/ul	1444560	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	95
2		Cyclotetracosane	336	C24H48	000297-03-0	95
3		1-Docosene	308	C22H44	001599-67-3	91
4		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



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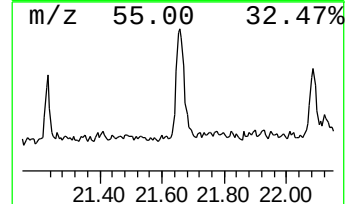
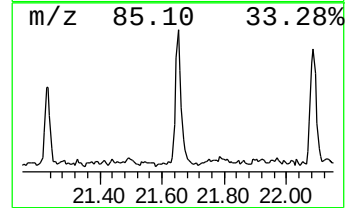
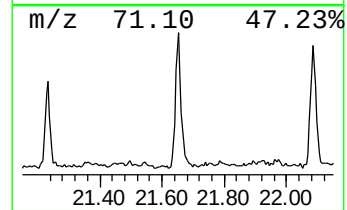
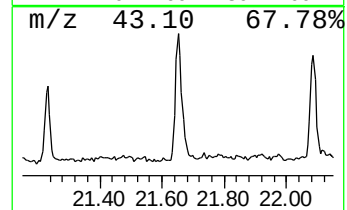
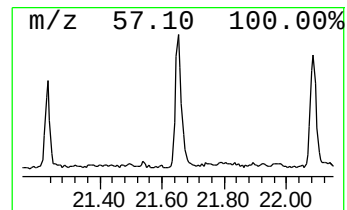
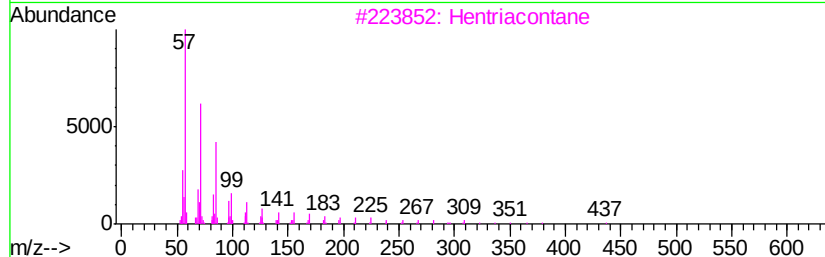
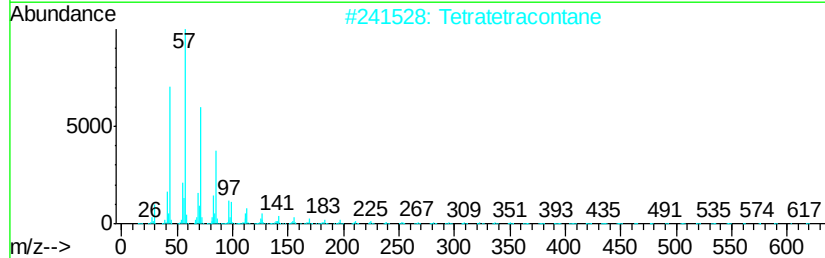
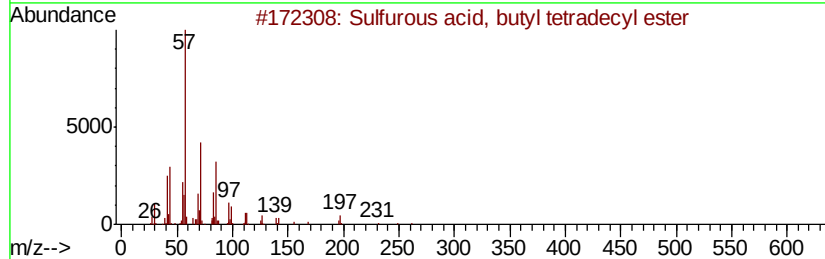
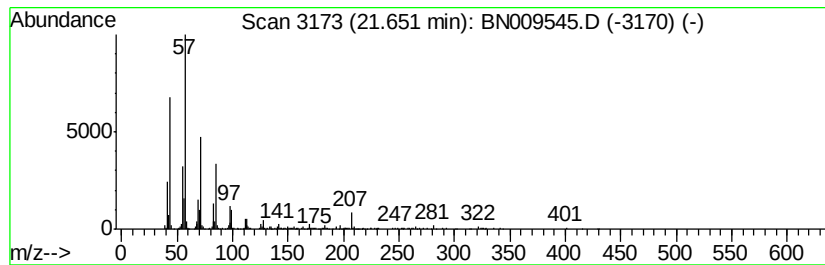
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Peak Number 3 Sulfurous acid, butyl tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.72 ng/ul	504341	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	83



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Sample : L1342-06
Misc :
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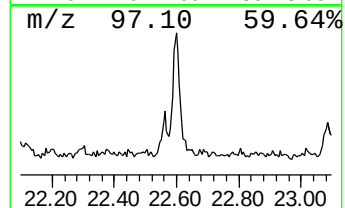
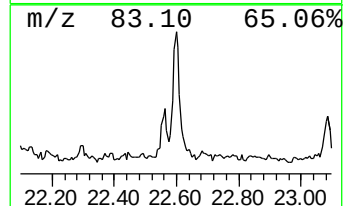
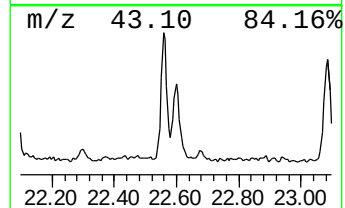
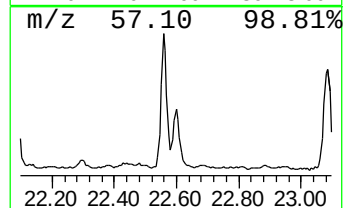
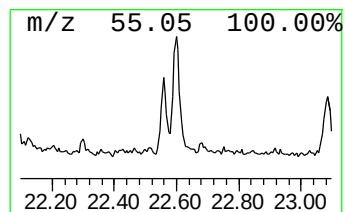
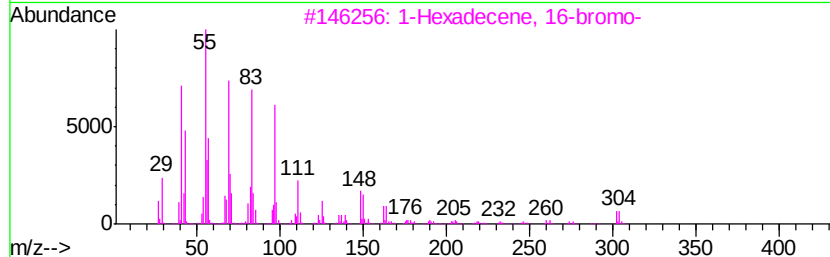
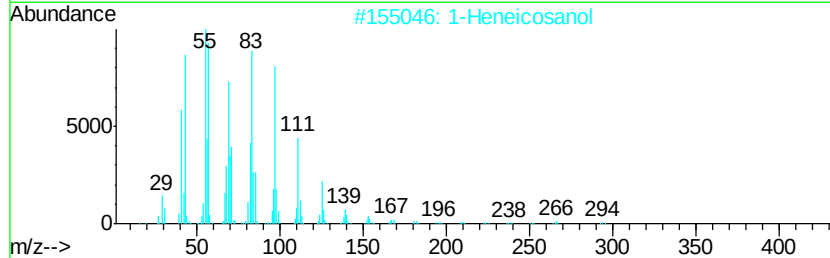
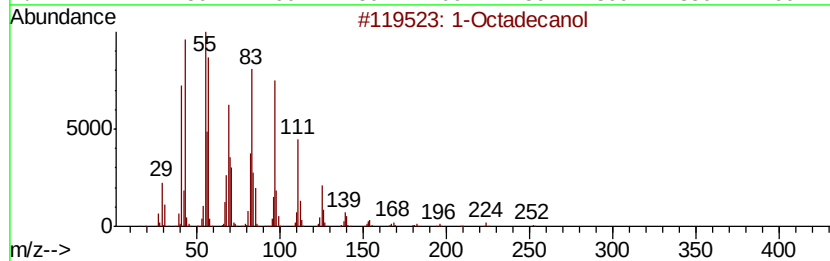
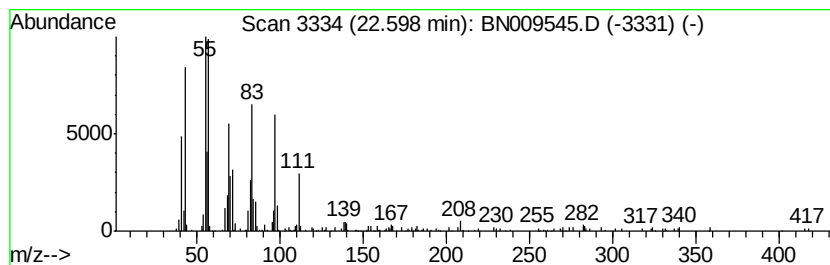
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Octadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	4.07 ng/ul	487768	Perylene-d12	23.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecanol	270 C18H38O	000112-92-5	91
2	1-Heneicosanol	312 C21H44O	015594-90-8	81
3	1-Hexadecene, 16-bromo-	302 C16H31Br	118625-56-2	80
4	Octacosanol	410 C28H58O	000557-61-9	80
5	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009545.D
Acq On : 04 Feb 2020 01:11
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Sample : L1342-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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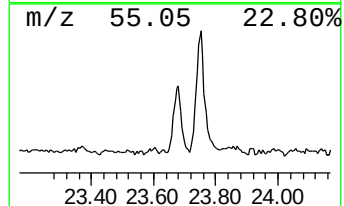
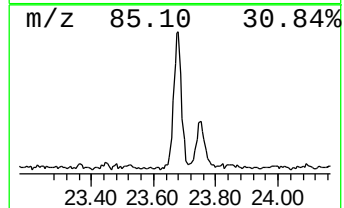
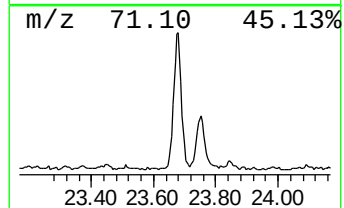
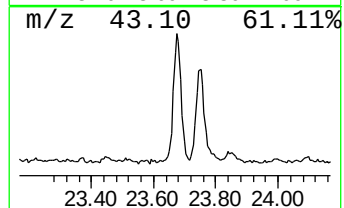
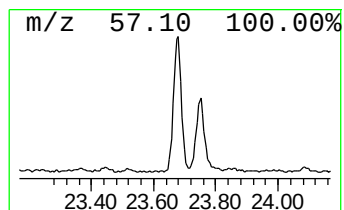
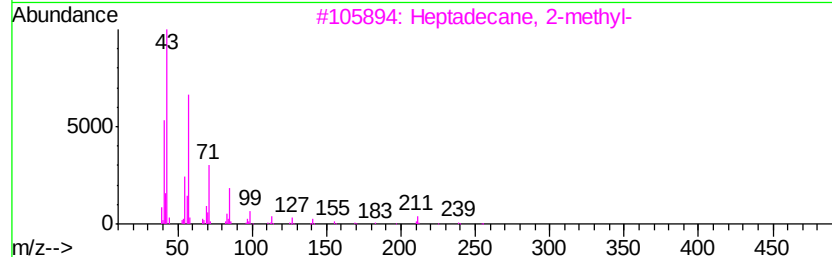
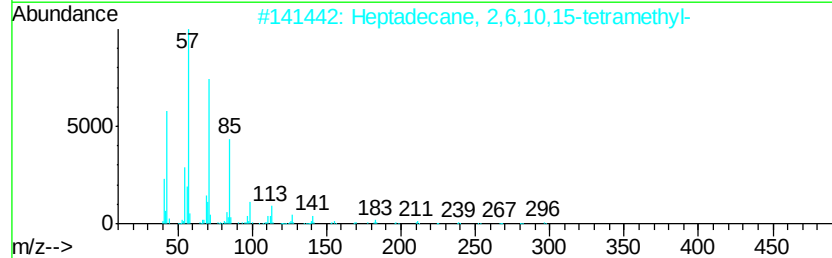
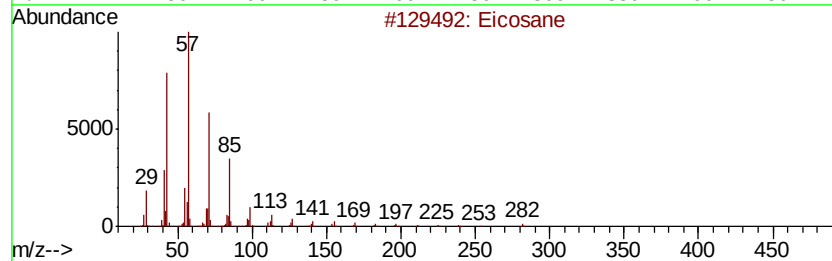
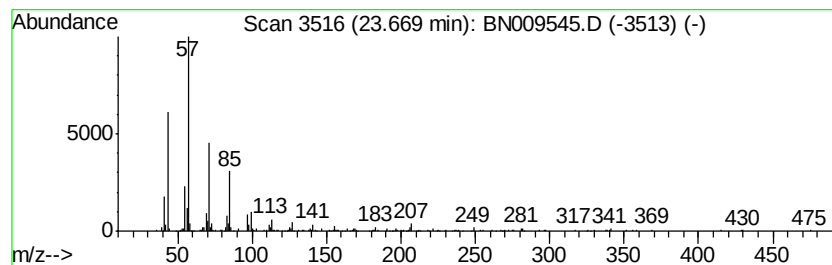
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.84 ng/ul	580018	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Sample : L1342-06
Misc :
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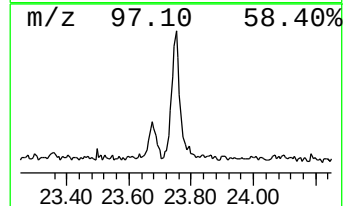
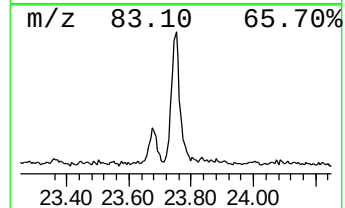
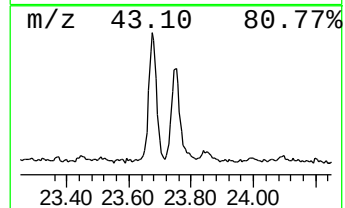
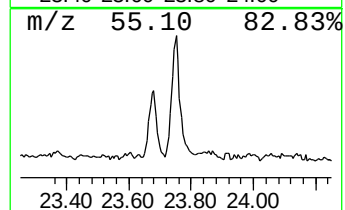
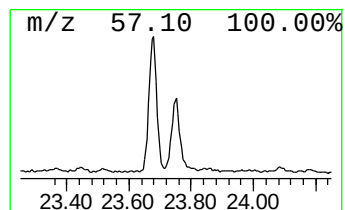
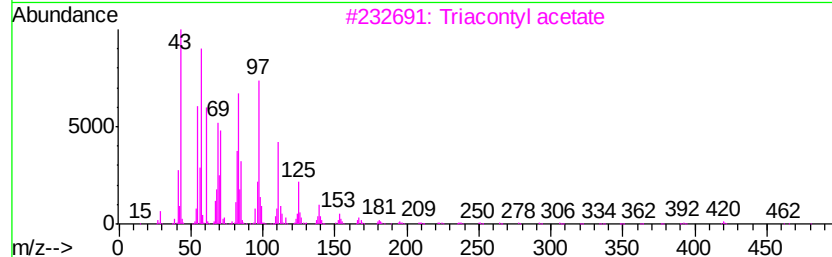
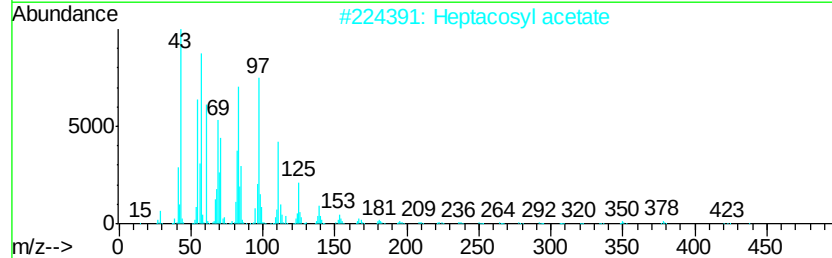
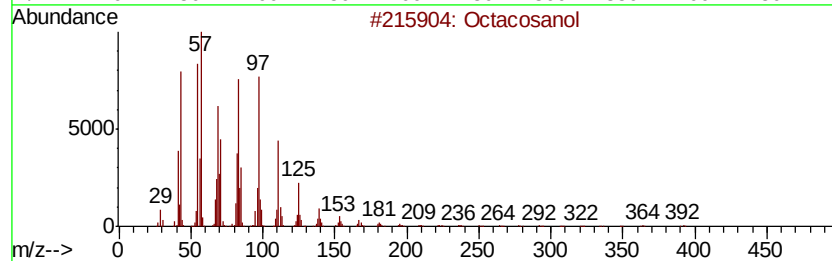
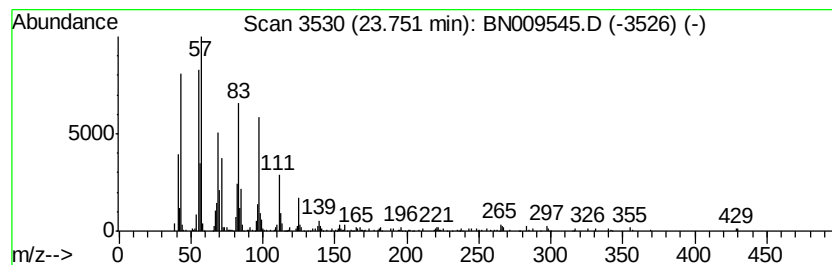
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	5.67 ng/ul	679168	Perylene-d12	23.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosanol	410 C28H58O	000557-61-9	90
2	Heptacosyl acetate	438 C29H58O2	1000351-78-2	87
3	Triacontyl acetate	480 C32H64O2	041755-58-2	87
4	5-Eicosene, (E)-	280 C20H40	074685-30-6	80
5	E-15-Heptadecenal	252 C17H32O	1000130-97-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009545.D
Acq On : 04 Feb 2020 01:11
Operator : CG/JU
Sample : L1342-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.76	3.4	ng/ul	407319	4	16.83	2375470	20.0
(DEL) Alkane: Cyc...	20.79	10.6	ng/ul	1444560	5	21.04	2715090	20.0
Sulfurous acid, b...	21.65	3.7	ng/ul	504341	5	21.04	2715090	20.0
1-Octadecanol	22.60	4.1	ng/ul	487768	6	23.15	2394310	20.0
(DEL) Alkane: Str...	23.67	4.8	ng/ul	580018	6	23.15	2394310	20.0
Octacosanol	23.75	5.7	ng/ul	679168	6	23.15	2394310	20.0