

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009511.D
 Acq On : 31 Jan 2020 15:13
 Operator : CG/JU
 Sample : L1271-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT00

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-BN012220MA.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	3.087	13	17	28	rVB	66405	93303	2.98%	0.235%
2	3.340	56	60	61	rBV3	3234	4370	0.14%	0.011%
3	3.399	68	70	72	rBV3	6140	7005	0.22%	0.018%
4	3.616	104	107	109	rBV2	3308	3737	0.12%	0.009%
5	3.693	116	120	125	rVV3	15814	24915	0.80%	0.063%
6	3.775	129	134	140	rVB6	6684	13996	0.45%	0.035%
7	4.199	203	206	210	rBV5	2633	4102	0.13%	0.010%
8	4.487	251	255	258	rBV5	2017	3809	0.12%	0.010%
9	4.658	281	284	287	rBV4	5980	7493	0.24%	0.019%
10	5.646	449	452	453	rBV3	4650	5003	0.16%	0.013%
11	5.969	504	507	509	rBV4	2693	3786	0.12%	0.010%
12	6.163	533	540	549	rBV7	6887	16442	0.53%	0.041%
13	6.522	596	601	603	rBV4	3355	4946	0.16%	0.012%
14	6.652	616	623	634	rBV	608756	1077345	34.44%	2.711%
15	6.805	644	649	665	rVV	429153	689809	22.05%	1.736%
16	6.905	665	666	669	rVB3	4261	3531	0.11%	0.009%
17	6.993	675	681	690	rBV	611083	949279	30.34%	2.388%
18	7.452	752	759	770	rBV	576891	896095	28.64%	2.255%
19	7.540	770	774	781	rVB3	13722	20142	0.64%	0.051%
20	8.163	873	880	889	rBV	742117	1149853	36.75%	2.893%
21	8.593	945	953	964	rBV	587767	970379	31.02%	2.442%
22	8.740	973	978	983	rBV6	7197	12575	0.40%	0.032%
23	8.822	990	992	995	rVB4	3390	3427	0.11%	0.009%
24	9.052	1025	1031	1035	rBV3	5313	8223	0.26%	0.021%
25	9.304	1068	1074	1084	rBV	492679	799926	25.57%	2.013%
26	9.840	1158	1165	1175	rBV	694289	1159295	37.05%	2.917%
27	9.934	1178	1181	1185	rVB5	4244	5953	0.19%	0.015%
28	9.975	1185	1188	1190	rVB4	3030	3627	0.12%	0.009%
29	10.204	1219	1227	1236	rVB	791107	1278667	40.87%	3.217%
30	10.351	1245	1252	1269	rBV	661505	1205060	38.52%	3.032%
31	11.704	1478	1482	1485	rVB4	2178	4110	0.13%	0.010%
32	11.804	1495	1499	1506	rVB3	10596	17510	0.56%	0.044%
33	12.051	1538	1541	1546	rVB5	2627	3399	0.11%	0.009%
34	12.698	1646	1651	1653	rBV4	2275	3791	0.12%	0.010%

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35	12.928	1688	1690	1691	rBV2	3264	3330	0.11%	0.008%
36	13.004	1697	1703	1709	rVB	20046	29213	0.93%	0.074%
37	13.510	1783	1789	1794	rBV	1281128	1745615	55.80%	4.392%
38	13.557	1794	1797	1807	rVV	298127	418062	13.36%	1.052%
39	13.775	1827	1834	1846	rBV	1459192	2047900	65.46%	5.153%
40	14.022	1874	1876	1881	rBV4	4576	5629	0.18%	0.014%
41	14.087	1881	1887	1895	rVB	1144008	1697080	54.24%	4.270%
42	14.316	1921	1926	1945	rBV	472634	908093	29.03%	2.285%
43	14.539	1959	1964	1969	rBV5	8979	15356	0.49%	0.039%
44	14.657	1976	1984	1985	rBV4	2763	4856	0.16%	0.012%
45	14.922	2024	2029	2033	rBV5	4269	5433	0.17%	0.014%
46	14.986	2035	2040	2048	rVB4	9732	16830	0.54%	0.042%
47	15.051	2048	2051	2052	rBV3	3315	3305	0.11%	0.008%
48	15.092	2052	2058	2066	rBV	1812727	2525247	80.71%	6.354%
49	15.234	2076	2082	2092	rBV	566409	867555	27.73%	2.183%
50	15.334	2096	2099	2104	rVB2	17618	22363	0.71%	0.056%
51	15.381	2104	2107	2110	rBV4	3106	3430	0.11%	0.009%
52	15.545	2132	2135	2138	rBV4	3968	5672	0.18%	0.014%
53	15.675	2153	2157	2161	rBV5	2323	4012	0.13%	0.010%
54	15.845	2183	2186	2189	rBV4	5161	7516	0.24%	0.019%
55	15.875	2189	2191	2194	rVV3	6743	7193	0.23%	0.018%
56	16.092	2224	2228	2233	rBV6	4461	7592	0.24%	0.019%
57	16.286	2258	2261	2267	rVB4	5917	8517	0.27%	0.021%
58	16.639	2315	2321	2325	rBV6	9538	14370	0.46%	0.036%
59	16.769	2342	2343	2346	rBV2	2636	3452	0.11%	0.009%
60	16.839	2349	2355	2366	rVB	1507641	2005133	64.09%	5.045%
61	16.939	2366	2372	2383	rBV	1984313	2713939	86.75%	6.829%
62	17.063	2389	2393	2397	rVB6	9702	14729	0.47%	0.037%
63	17.157	2405	2409	2410	rBV2	4651	5422	0.17%	0.014%
64	17.257	2421	2426	2432	rBV3	46009	64799	2.07%	0.163%
65	17.298	2432	2433	2437	rVB3	3358	4030	0.13%	0.010%
66	17.380	2442	2447	2452	rBV8	3745	6590	0.21%	0.017%
67	17.451	2455	2459	2461	rVB5	3383	3590	0.11%	0.009%
68	17.551	2474	2476	2479	rBV4	4234	4800	0.15%	0.012%
69	17.769	2508	2513	2522	rBV2	214800	328785	10.51%	0.827%
70	18.063	2560	2563	2566	rBV4	6001	7160	0.23%	0.018%
71	18.204	2582	2587	2591	rBV	55655	63977	2.04%	0.161%

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72	18.327	2606	2608	2611	rBV4	3688	3684	0.12%	0.009%
73	18.445	2627	2628	2631	rBV3	4305	4211	0.13%	0.011%
74	18.516	2638	2640	2642	rVB3	4928	3840	0.12%	0.010%
75	18.539	2642	2644	2645	rBV2	6243	3839	0.12%	0.010%
76	18.575	2648	2650	2655	rBV4	5806	5601	0.18%	0.014%
77	18.639	2656	2661	2669	rBV	88288	126031	4.03%	0.317%
78	18.710	2671	2673	2675	rBV3	6894	6315	0.20%	0.016%
79	18.775	2680	2684	2690	rVB	10741	17900	0.57%	0.045%
80	18.880	2698	2702	2705	rBV	26990	33941	1.08%	0.085%
81	18.969	2713	2717	2721	rVB5	15768	18873	0.60%	0.047%
82	19.063	2730	2733	2741	rBV4	44078	72662	2.32%	0.183%
83	19.133	2741	2745	2749	rVB	19860	29397	0.94%	0.074%
84	19.245	2757	2764	2770	rBV	2335382	3128615	100.00%	7.872%
85	19.298	2771	2773	2776	rVB3	22189	22335	0.71%	0.056%
86	19.798	2855	2858	2862	rBV5	26905	36442	1.16%	0.092%
87	19.839	2862	2865	2869	rVB2	46184	51980	1.66%	0.131%
88	20.333	2947	2949	2955	rVB	57605	65231	2.08%	0.164%
89	20.792	3023	3027	3035	rBV	889708	1085015	34.68%	2.730%
90	21.051	3065	3071	3078	rBV	1746465	2216628	70.85%	5.577%
91	21.239	3100	3103	3108	rBV2	77735	91812	2.93%	0.231%
92	21.663	3171	3175	3181	rBV3	117124	183504	5.87%	0.462%
93	22.092	3246	3248	3252	rVB	108056	126513	4.04%	0.318%
94	22.210	3265	3268	3273	rVB	184536	229340	7.33%	0.577%
95	22.568	3326	3329	3334	rVB	150297	172863	5.53%	0.435%
96	23.033	3402	3408	3414	rBV	1731646	2875225	91.90%	7.234%
97	23.092	3415	3418	3423	rVB3	165360	248962	7.96%	0.626%
98	23.163	3424	3430	3439	rVB	1269311	2200499	70.33%	5.537%
99	23.686	3516	3519	3525	rVB3	154691	256279	8.19%	0.645%
100	23.762	3528	3532	3541	rVB	196046	371239	11.87%	0.934%

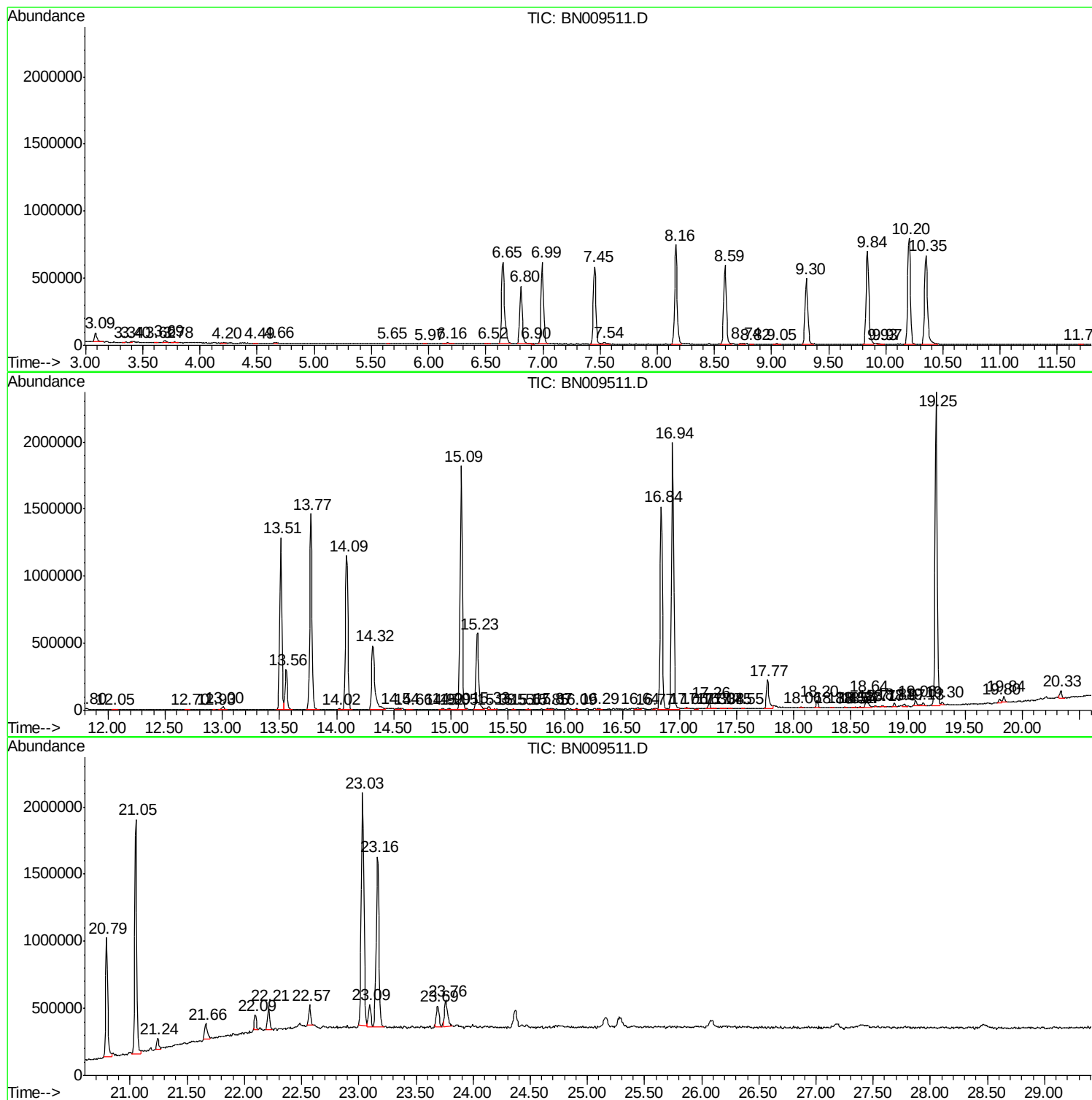
Sum of corrected areas: 39744254

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Quant Title : SVOA CALIBRATION

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



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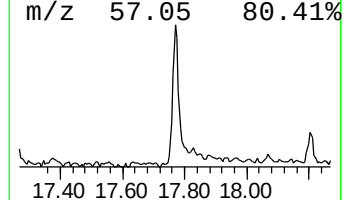
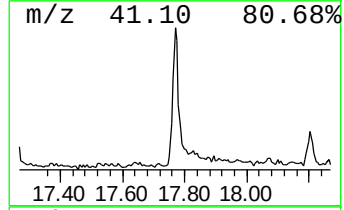
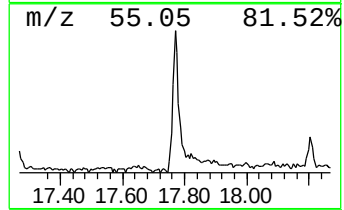
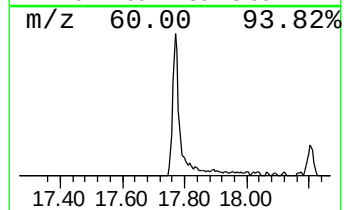
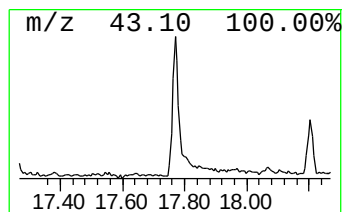
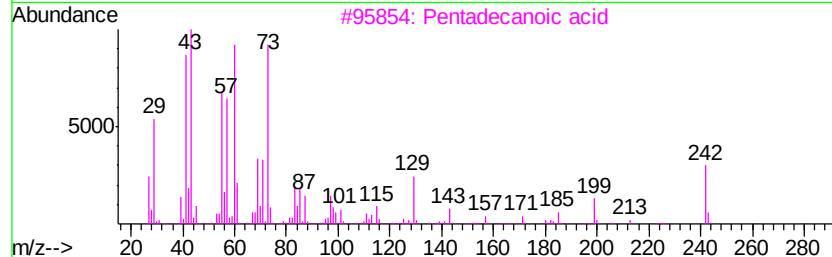
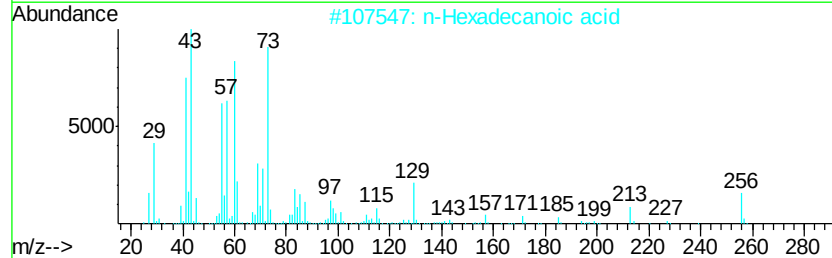
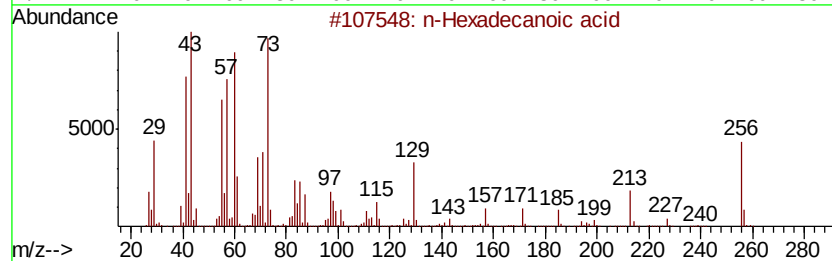
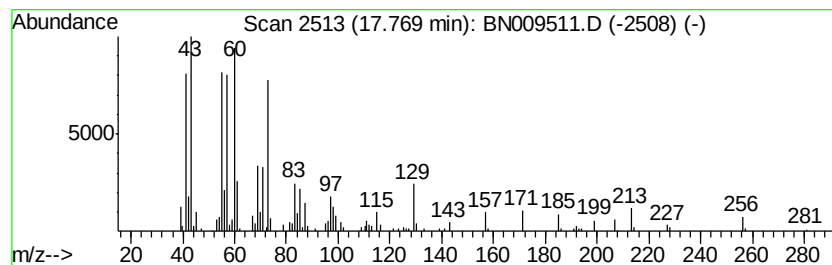
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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.
17.77	3.28 ng/ul	328785	Phenanthrene-d10	16.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242 C15H30O2	001002-84-2	80
4	Dodecanoic acid	200 C12H24O2	000143-07-7	72
5	Tridecanoic acid	214 C13H26O2	000638-53-9	64



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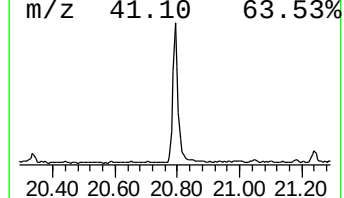
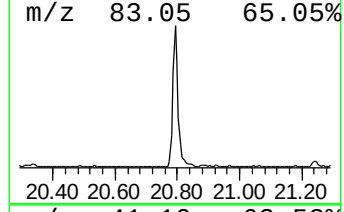
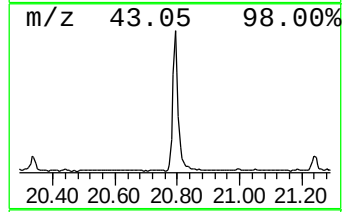
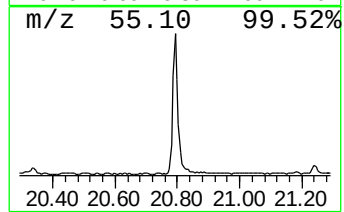
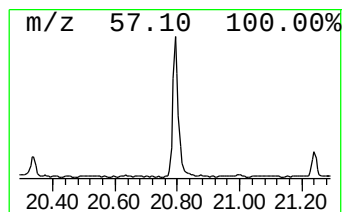
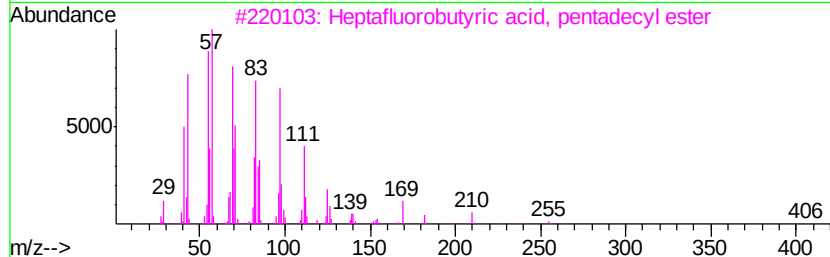
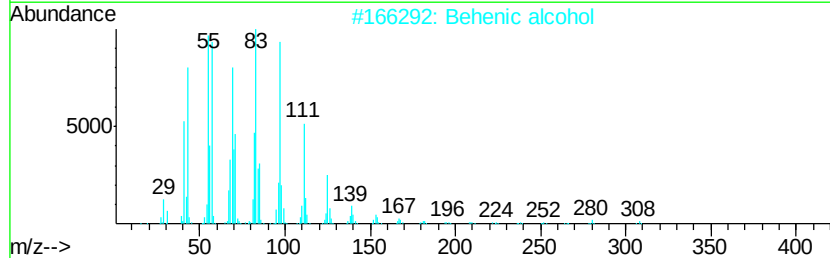
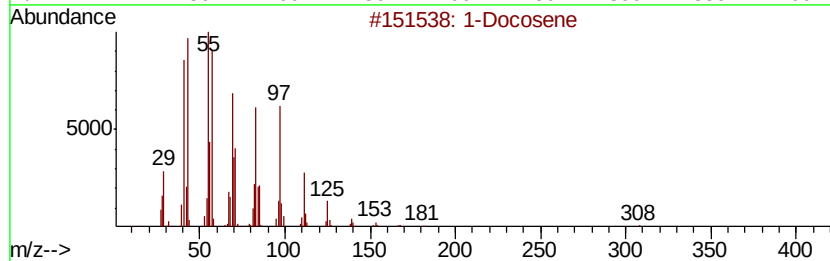
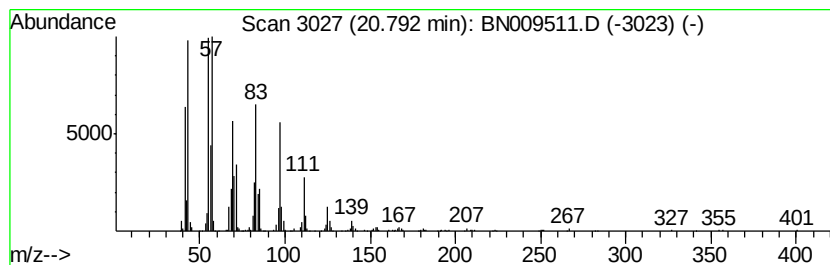
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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.
20.79	9.79 ng/ul	1085020	Chrysene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	95
2			Behenic alcohol	326	C22H46O	000661-19-8	93
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5			1-Hexadecanol	242	C16H34O	036653-82-4	91



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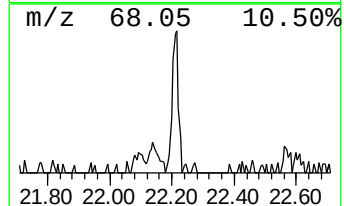
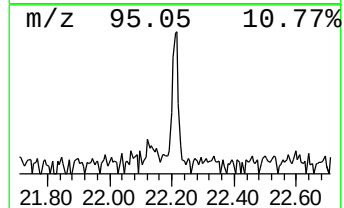
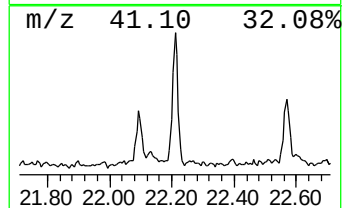
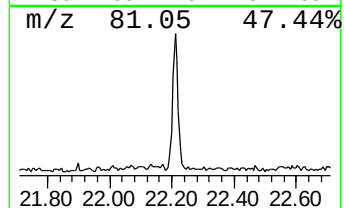
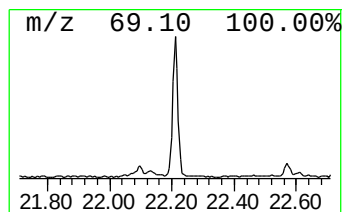
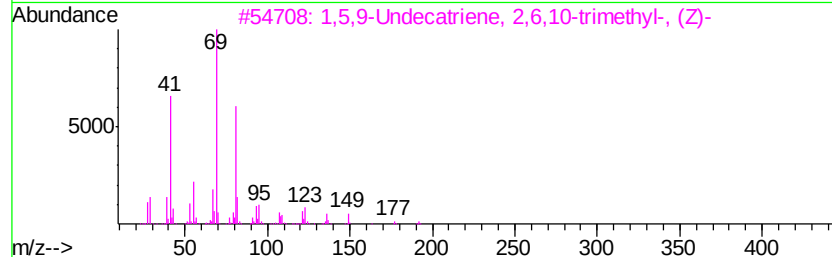
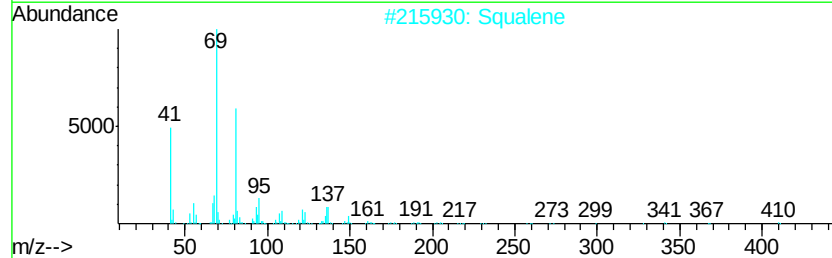
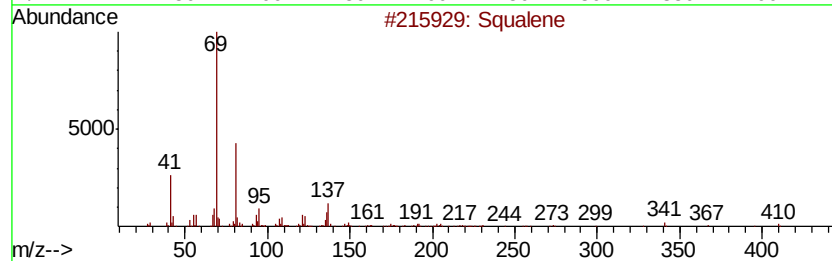
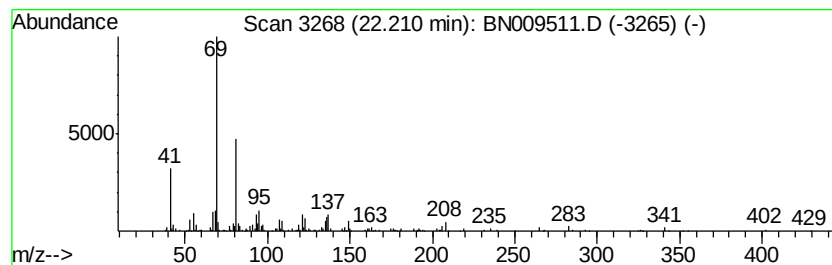
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	2.08 ng/ul	229340	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	83
2		Squalene	410	C30H50	000111-02-4	81
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
4		Supraene	410	C30H50	007683-64-9	74
5		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
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Acq On : 31 Jan 2020 15:13
Operator : CG/JU
Sample : L1271-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAT00

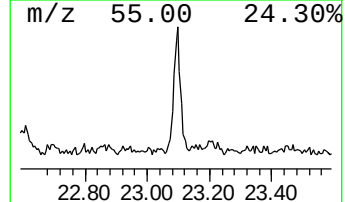
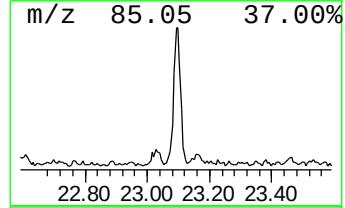
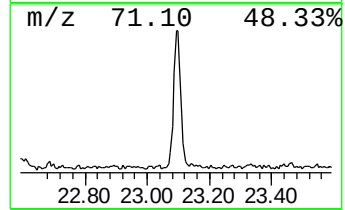
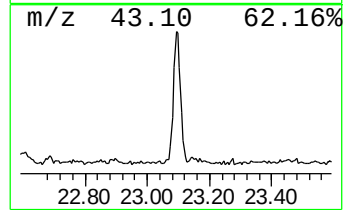
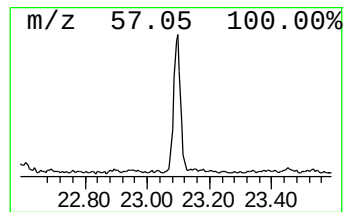
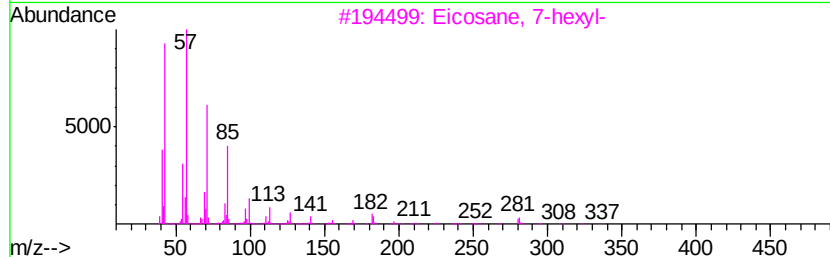
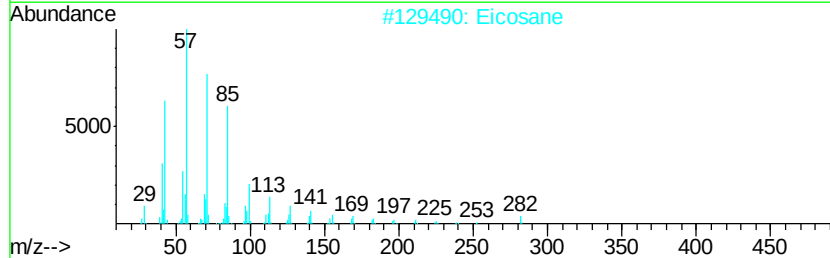
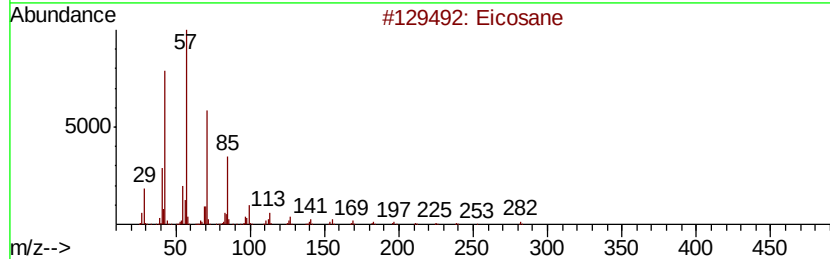
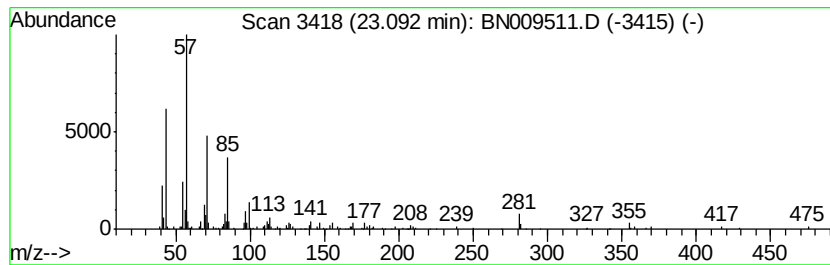
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	2.26 ng/ul	248962	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	89
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009511.D
Acq On : 31 Jan 2020 15:13
Operator : CG/JU
Sample : L1271-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT00

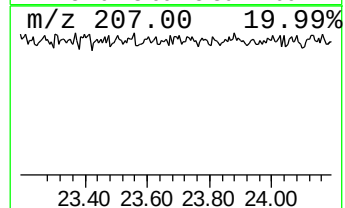
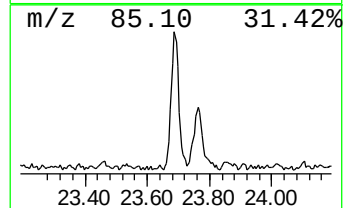
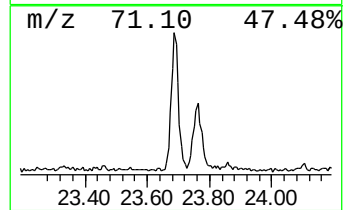
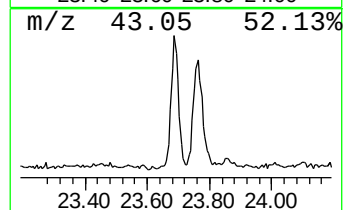
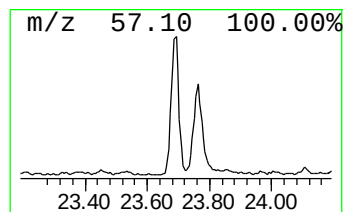
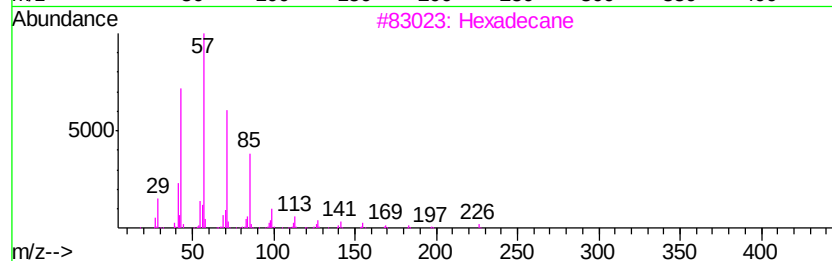
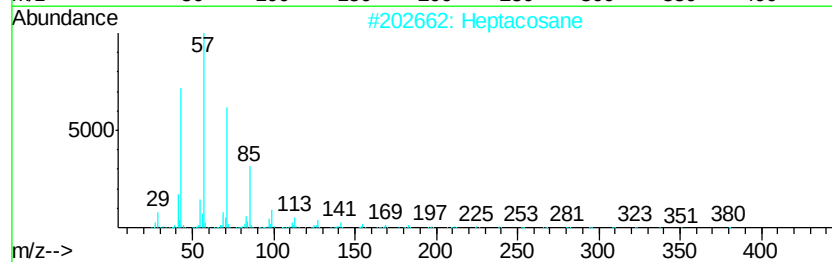
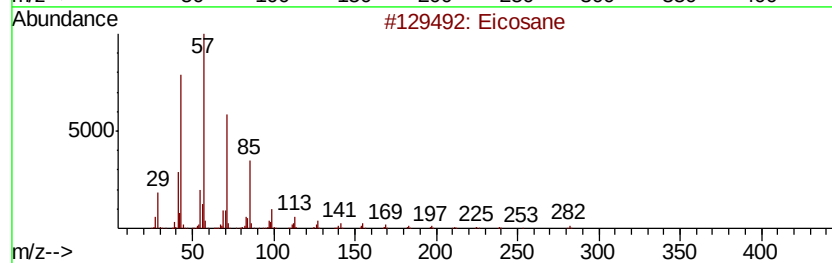
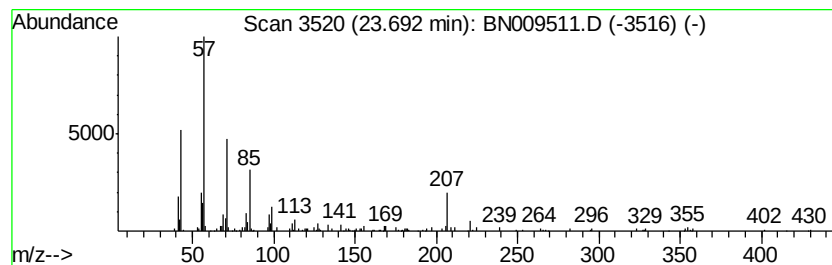
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	2.33 ng/ul	256279	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptacosane	380	C27H56	000593-49-7	58
3		Hexadecane	226	C16H34	000544-76-3	58
4		Hexacosane	366	C26H54	000630-01-3	58
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009511.D
Acq On : 31 Jan 2020 15:13
Operator : CG/JU
Sample : L1271-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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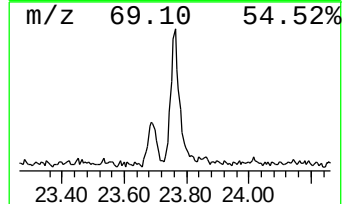
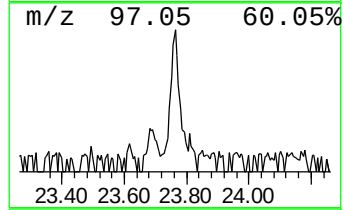
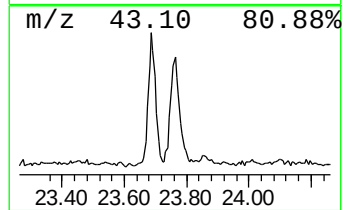
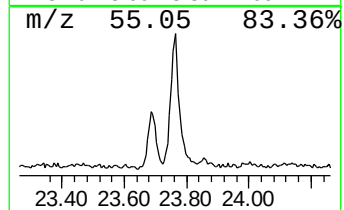
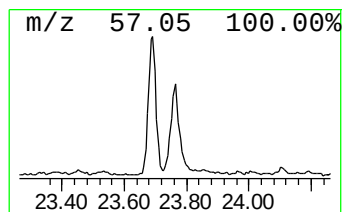
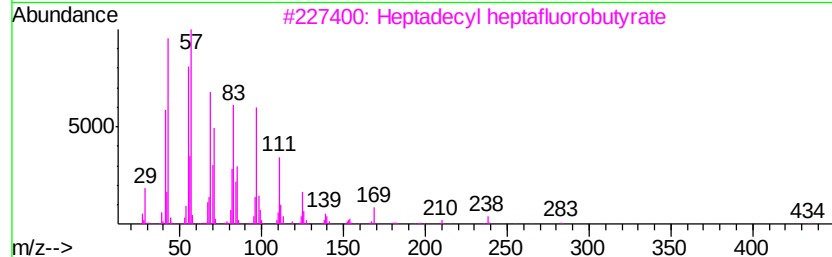
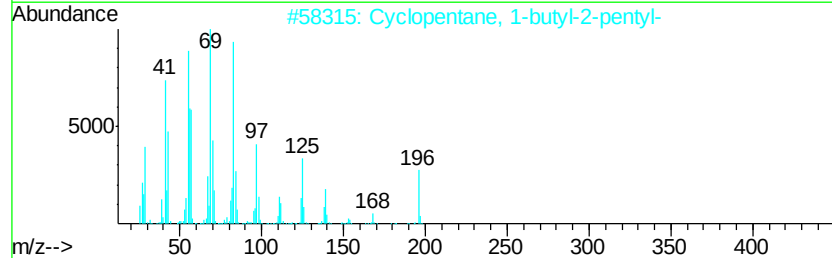
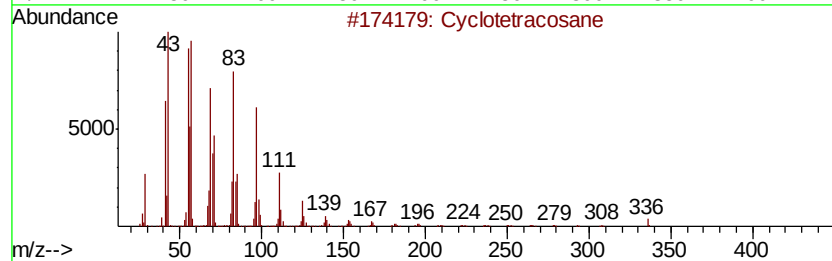
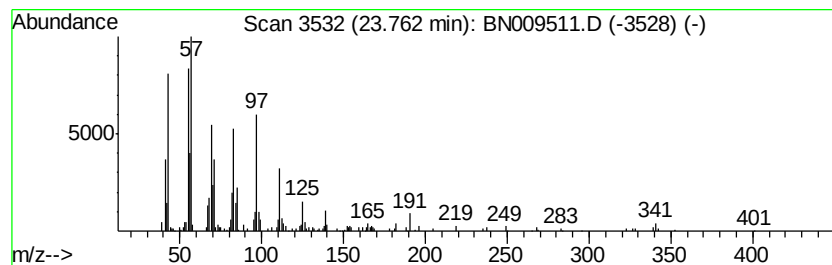
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic23.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	3.37 ng/ul	371239	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	87
2		Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	83
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	81
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009511.D
Acq On : 31 Jan 2020 15:13
Operator : CG/JU
Sample : L1271-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT00

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.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	17.77	3.3	ng/ul	328785	4	16.84	2005130	20.0
(DEL) Alkane: Str...	20.79	9.8	ng/ul	1085020	5	21.05	2216630	20.0
Squalene	22.21	2.1	ng/ul	229340	6	23.17	2200500	20.0
(DEL) Alkane: Str...	23.09	2.3	ng/ul	248962	6	23.17	2200500	20.0
(DEL) Alkane: Str...	23.69	2.3	ng/ul	256279	6	23.17	2200500	20.0
(DEL) Alkane: Cyc...	23.76	3.4	ng/ul	371239	6	23.17	2200500	20.0