LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	3.052	8	11	19	rVB	33843	45521	1.28%	0.121%
2	3.734	121	127	133	rBV	40601	60531	1.70%	0.161%
3	6.128	530	534	536	rBV5	4762	6126	0.17%	0.016%
4	6.610	610	616	629	rBV	128541	230119	6.48%	0.614%
5	6.763	636	642	655	rBV	463640	724341	20.39%	1.932%
6	6.946	668	673	686	rBV	493535	829794	23.36%	2.213%
7	7.405	745	751	763	rVB	532121	839650	23.64%	2.239%
8	7.493	763	766	772	rBV5	3198	5343	0.15%	0.014%
9	8.122	867	873	888	rBV	337036	573455	16.14%	1.529%
10	8.552	939	946	960	rBV	615790	1053851	29.67%	2.811%
11	8.993	1014	1021	1026	rBV3	5197	8579	0.24%	0.023%
12	9.263	1061	1067	1077	rBV	531354	863943	24.32%	2.304%
13	9.799	1151	1158	1177	rBV	551539	1094258	30.81%	2.918%
14	10.157	1212	1219	1225	rBV	722170	1169308	32.92%	3.119%
15	10.204	1225	1227	1234	rVB	24760	32824	0.92%	0.088%
16	10.334	1245	1249	1257	rBV4	21401	50981	1.44%	0.136%
17	11.028	1361	1367	1371	rBV3	4285	7337	0.21%	0.020%
18	11.610	1463	1466	1473	rBV2	2184	4328	0.12%	0.012%
19	11.775	1490	1494	1500	rBV2	5965	12086	0.34%	0.032%
20	11.857	1506	1508	1514	rVB5	4000	4900	0.14%	0.013%
21	12.069	1539	1544	1550	rBV	13557	21138	0.60%	0.056%
22	12.887	1677	1683	1689	rBV3	8058	11259	0.32%	0.030%
23	13.369	1761	1765	1770	rBV3	4381	7563	0.21%	0.020%
24	13.475	1777	1783	1789	rBV	1285719	1846332	51.98%	4.924%
25	13.522	1789	1791	1801	rVB	51231	76094	2.14%	0.203%
26	13.734	1821	1827	1840	rBV	1414598	2088152	58.79%	5.569%
27	14.051	1873	1881	1887	rBV	1007943	1485971	41.83%	3.963%
28	14.116	1887	1892	1898	rVB	90412	126794	3.57%	0.338%
29	14.310	1919	1925	1939	rBV3	65937	179675	5.06%	0.479%
30	14.463	1947	1951	1958	rVB	49681	70139	1.97%	0.187%
31	14.898	2018	2025	2026	rBV4	2176	3555	0.10%	0.009%
32	14.945	2031	2033	2037	rVB3	3327	3848	0.11%	0.010%
33	15.057	2045	2052	2058	rBV	1977587	2740485	77.15%	7.309%
34	15.116	2058	2062	2072	rVB2	80237	116573	3.28%	0.311%

LSC Area Percent Report

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Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	15.210	2072	2078	2091	rBV	722952	1118597	31.49%	2.983%
36	15.298	2091	2093	2100	rVB3	21792	30358	0.85%	0.081%
37	15.422	2110	2114	2117	rBV3	2801	4061	0.11%	0.011%
38	15.575	2134	2140	2143	rBV4	6325	10268	0.29%	0.027%
39	15.804	2173	2179	2182	rBV6	5881	12110	0.34%	0.032%
40	15.845	2182	2186	2192	rVB4	6559	10605	0.30%	0.028%
41	16.251	2252	2255	2261	rBV2	30156	43792	1.23%	0.117%
42	16.610	2310	2316	2318	rBV3	7254	12045	0.34%	0.032%
43	16.669	2323	2326	2330	rVB4	3618	3791	0.11%	0.010%
44	16.810	2343	2350	2355	rBV	1250522	1737664	48.92%	4.634%
45	16.851	2355	2357	2360	rVV2	33827	37095	1.04%	0.099%
46	16.910	2360	2367	2380	rVV	2230373	3116140	87.73%	8.311%
47	17.022	2382	2386	2394	rVB3	29201	40540	1.14%	0.108%
48	17.610	2481	2486	2492	rBV	59846	88657	2.50%	0.236%
49	17.739	2503	2508	2516	rBV	254660	380764	10.72%	1.016%
50	17.892	2530	2534	2539	rVB7	9853	16204	0.46%	0.043%
51	18.016	2552	2555	2562	rBV5	10609	16417	0.46%	0.044%
52	18.098	2564	2569	2574	rVB7	6527	13904	0.39%	0.037%
53	18.251	2592	2595	2598	rBV3	10343	10889	0.31%	0.029%
54	18.292	2598	2602	2609	rVB7	10699	19764	0.56%	0.053%
55	18.422	2621	2624	2627	rBV4	3897	5329	0.15%	0.014%
56	18.539	2641	2644	2649	rVV5	5140	7877	0.22%	0.021%
57	18.698	2669	2671	2674	rBV2	3117	3754	0.11%	0.010%
58	18.739	2674	2678	2679	rBV2	2933	4170	0.12%	0.011%
59	18.851	2693	2697	2700	rBV2	22685	29430	0.83%	0.078%
60	18.910	2700	2707	2715	rVV3	28172	67651	1.90%	0.180%
61	19.004	2721	2723	2724	rBV2	4687	3570	0.10%	0.010%
62	19.039	2724	2729	2734	rVV5	30766	50437	1.42%	0.135%
63	19.104	2736	2740	2745	rVB	24842	31860	0.90%	0.085%
64	19.216	2753	2759	2767	rBV2	2561526	3552102	100.00%	9.474%
65	19.774	2852	2854	2856	rVB2	9155	6645	0.19%	0.018%
66	19.804	2857	2859	2860	rBV2	5963	4836	0.14%	0.013%
67	20.769	3019	3023	3029	rBV2	193922	284943	8.02%	0.760%
68	20.827	3029	3033	3040	rVB	179963	204126	5.75%	0.544%
69	20.974	3055	3058	3061	rBV4	19335	22672	0.64%	0.060%
70	21.027	3062	3067	3075	rBV	1430316	1887123	53.13%	5.033%
71	21.216	3096	3099	3103	rBV2	52356	65208	1.84%	0.174%

LSC Area Percent Report

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Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	21.639	3167	3171	3179	rBV3	82706	108360	3.05%	0.289%
73	22.068	3241	3244	3249	rVB2	136314	164277	4.62%	0.438%
74	22.186	3260	3264	3270	rVB	1281942	1481541	41.71%	3.951%
75	22.545	3321	3325	3331	rVB	165581	234024	6.59%	0.624%
76	23.010	3398	3404	3410	rBV	2149727	3435033	96.70%	9.161%
77	23.063	3410	3413	3420	rVB	204054	298294	8.40%	0.796%
78	23.139	3420	3426	3434	rBV2	1006838	1838453	51.76%	4.903%
79	23.651	3509	3513	3521	rVB	160106	268914	7.57%	0.717%
80	24.321	3622	3627	3634	rVB3	143630	315111	8.87%	0.840%

Sum of corrected areas: 37494258

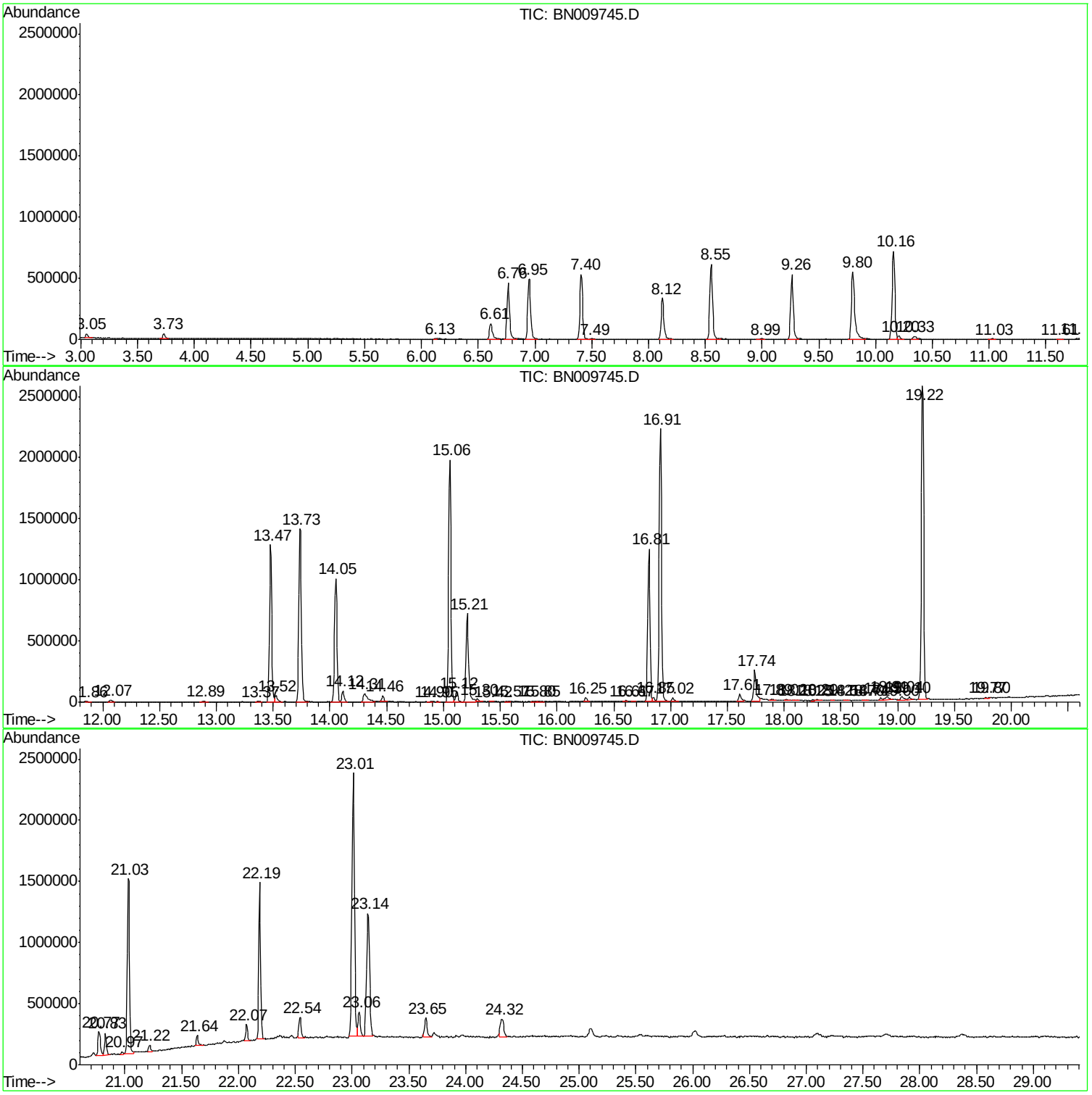
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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

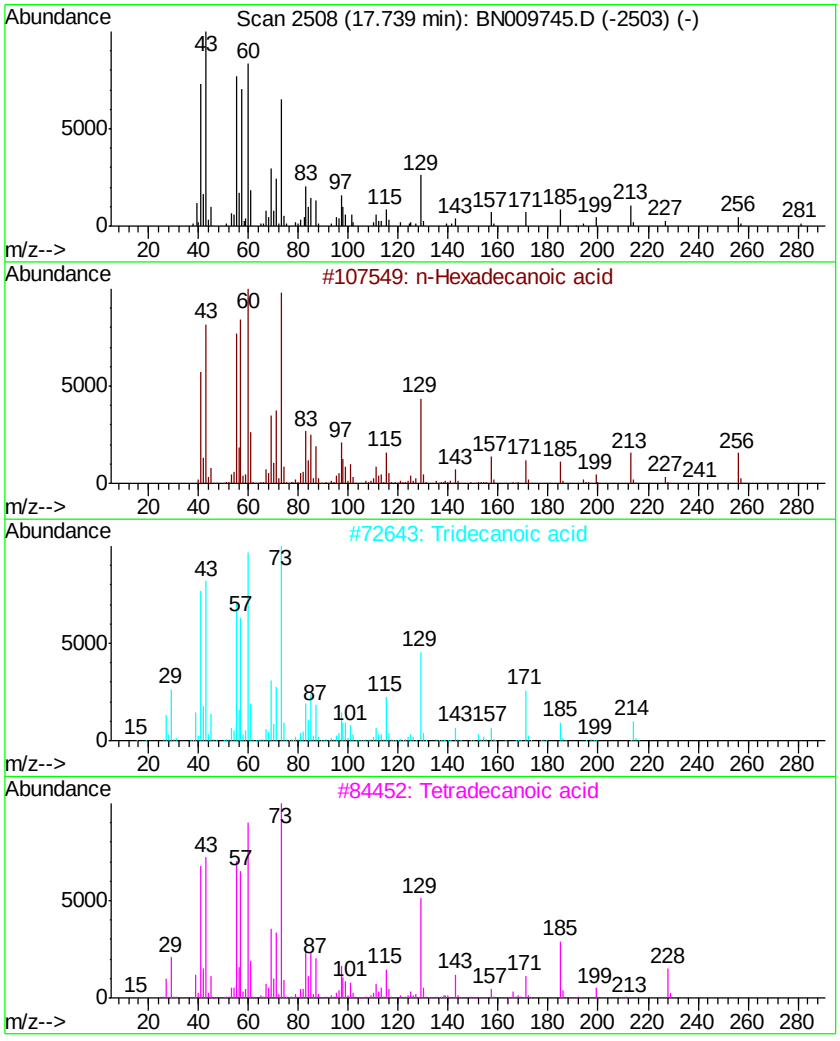
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

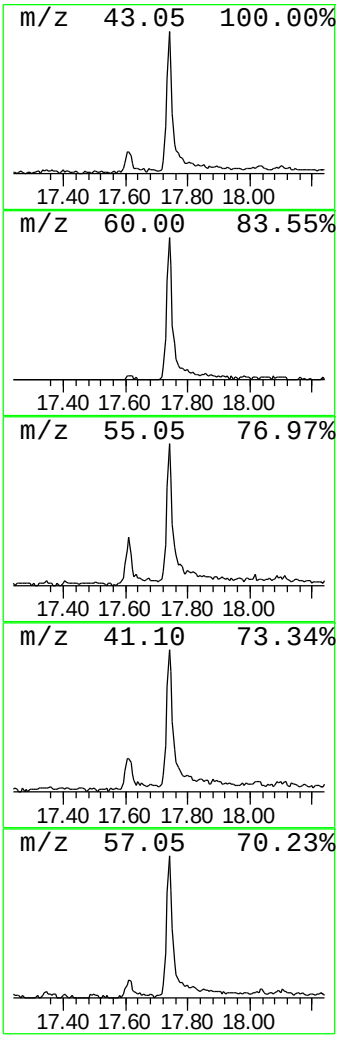
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	4.38 ng/ul	380764	Phenanthrene-d10	16.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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

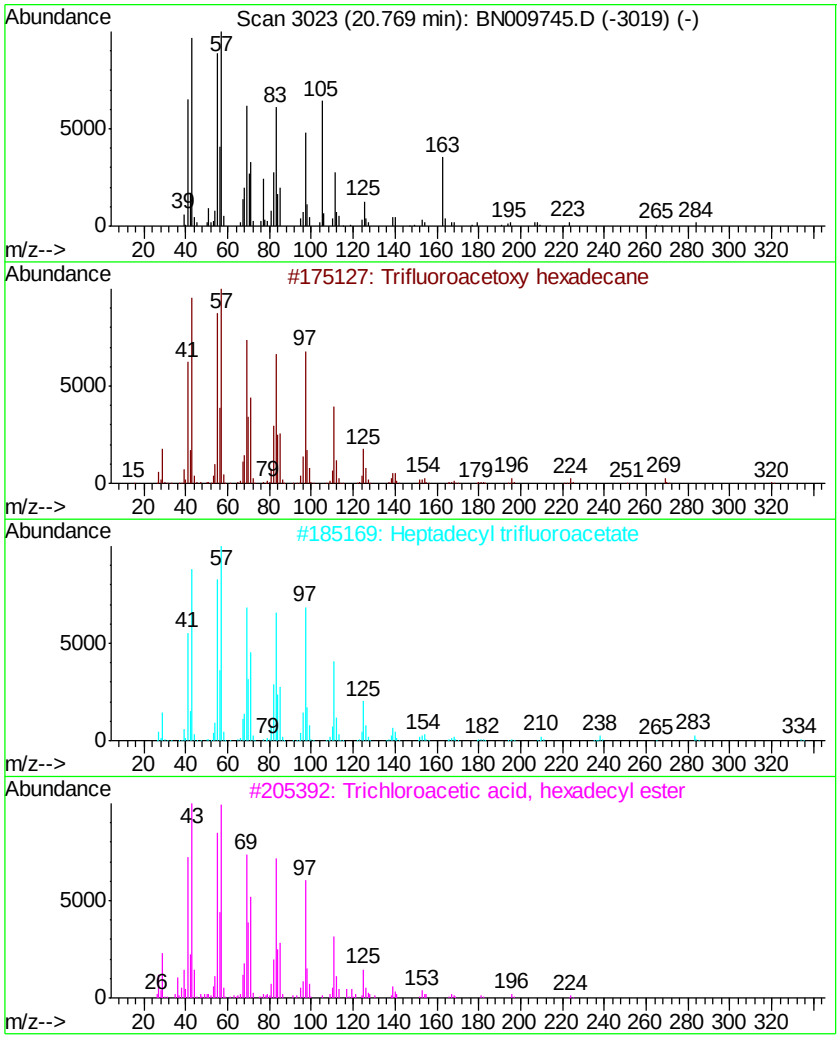
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

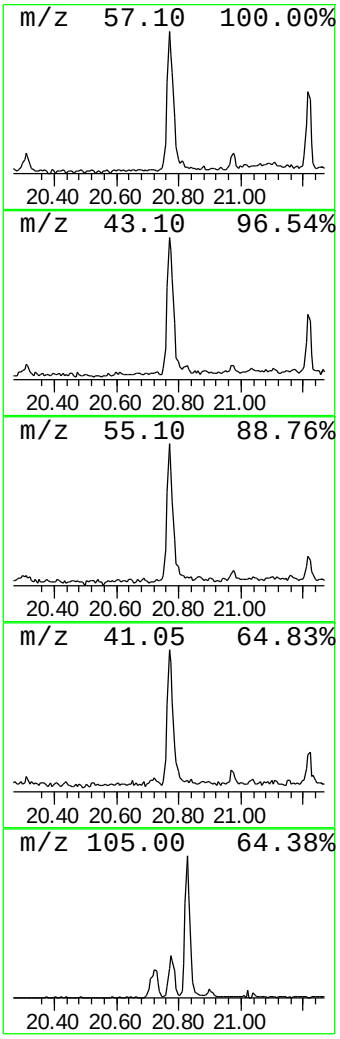
****

Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.02 ng/ul	284943	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	Octacosanol	410	C28H58O	000557-61-9	87
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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

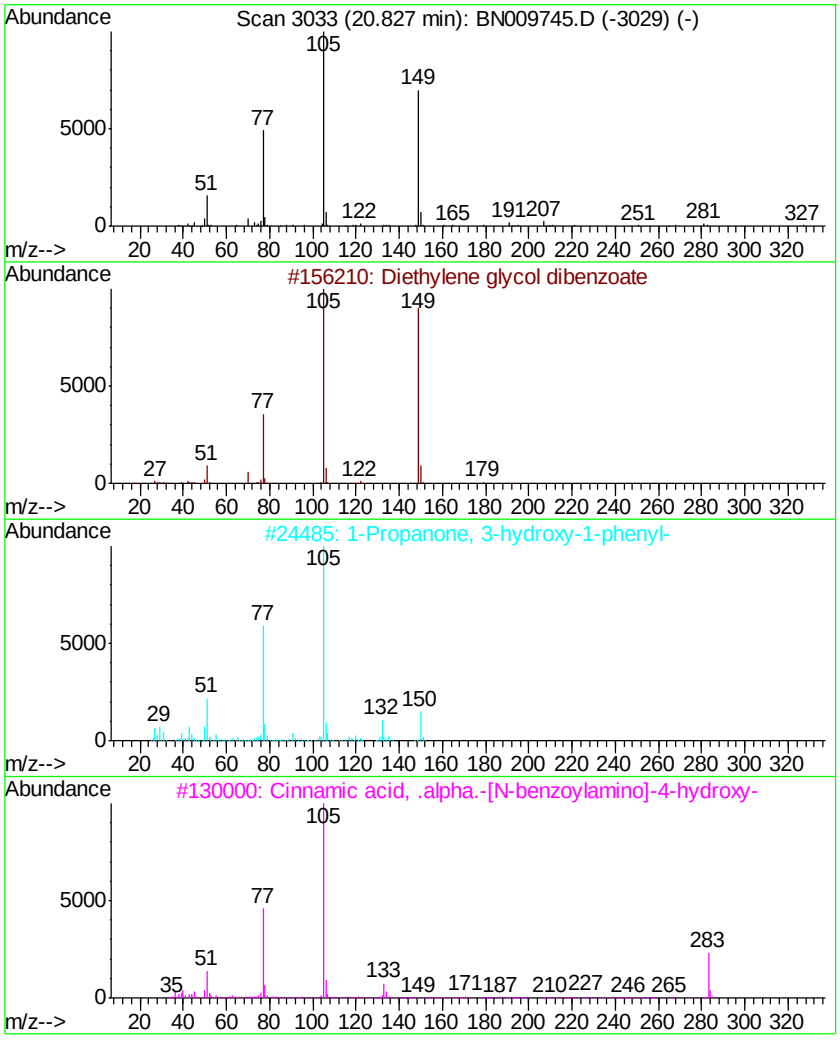
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

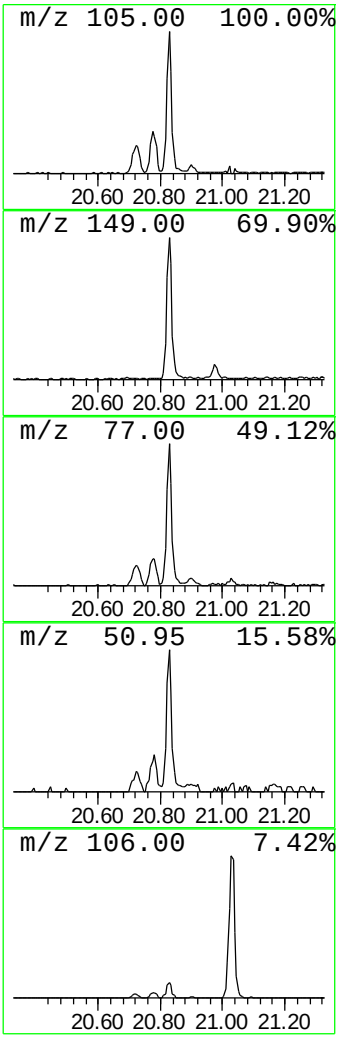
****

Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.16 ng/ul	204126	Chrysene-d12	21.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
2	1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	49
3	Cinnamic acid, .alpha.-[N-benzoy...	283	C16H13NO4	1000301-68-3	46
4	Vinyl benzoate	148	C9H8O2	000769-78-8	46
5	Benzamide, N-(4-methylphenyl)-	211	C14H13NO	000582-78-5	43





Library Search Compound Report

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Data File : BN009745.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_N
ClientSampleId : DBCX5

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

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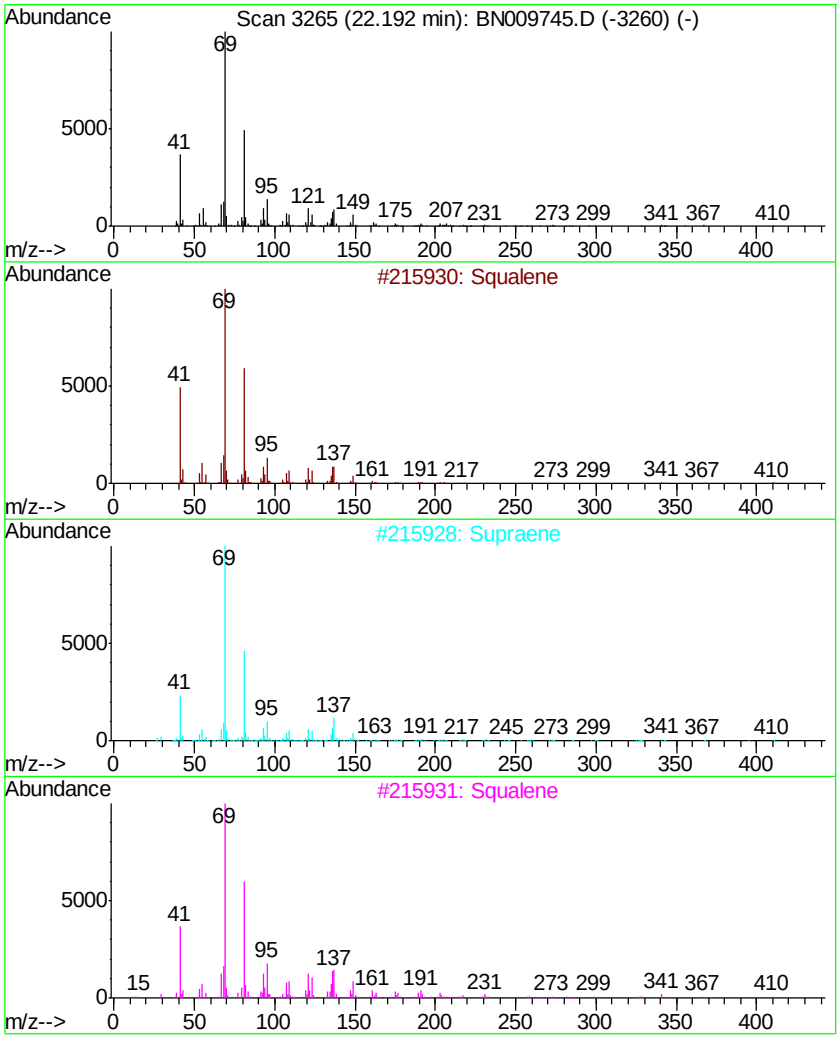
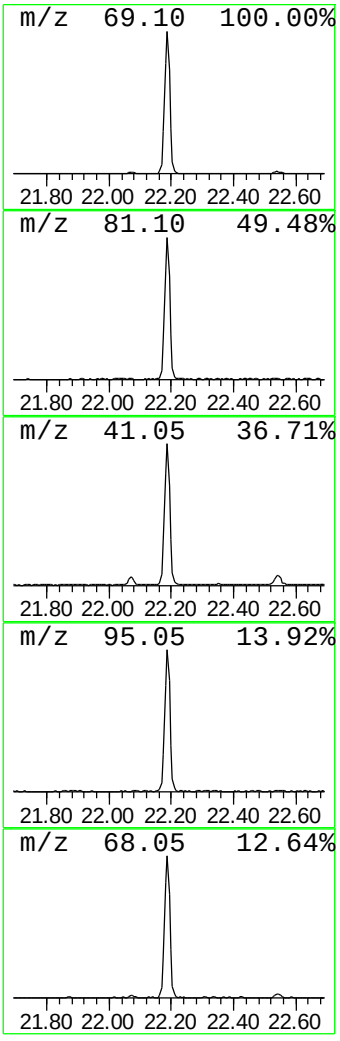
Peak Number 4 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	16.12 ng/ul	1481540	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	000111-02-4	90





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Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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

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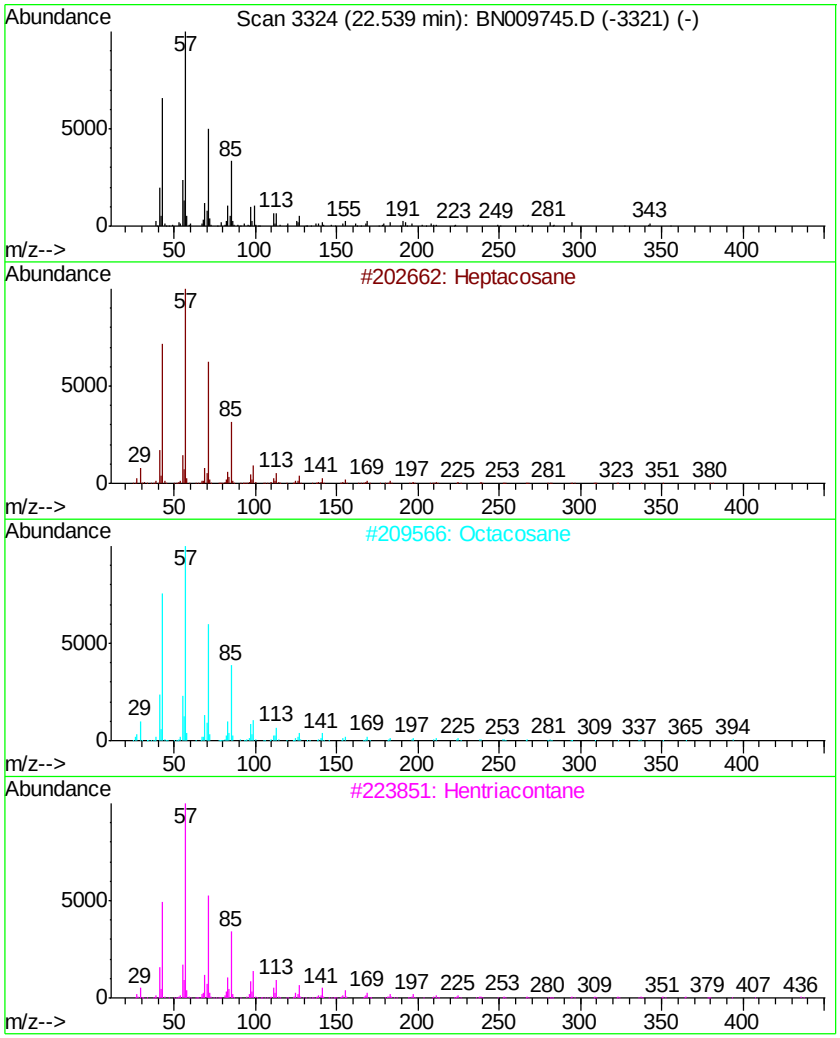
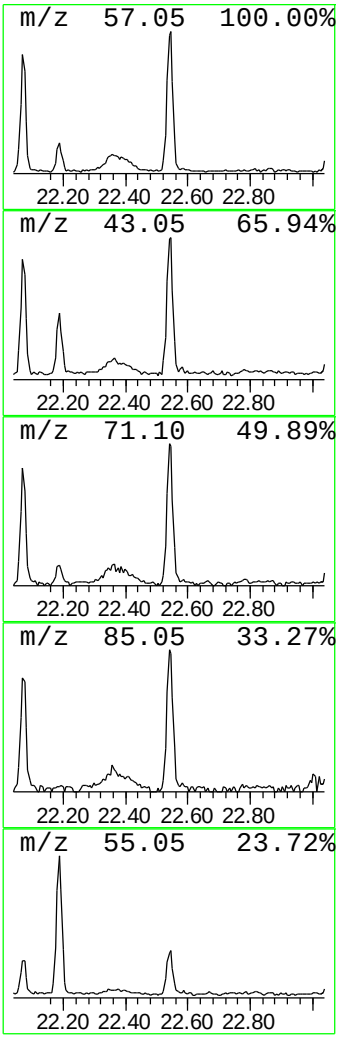
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.55 ng/ul	234024	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	83
5	Pentadecane	212	C15H32	000629-62-9	83





Library Search Compound Report

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Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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

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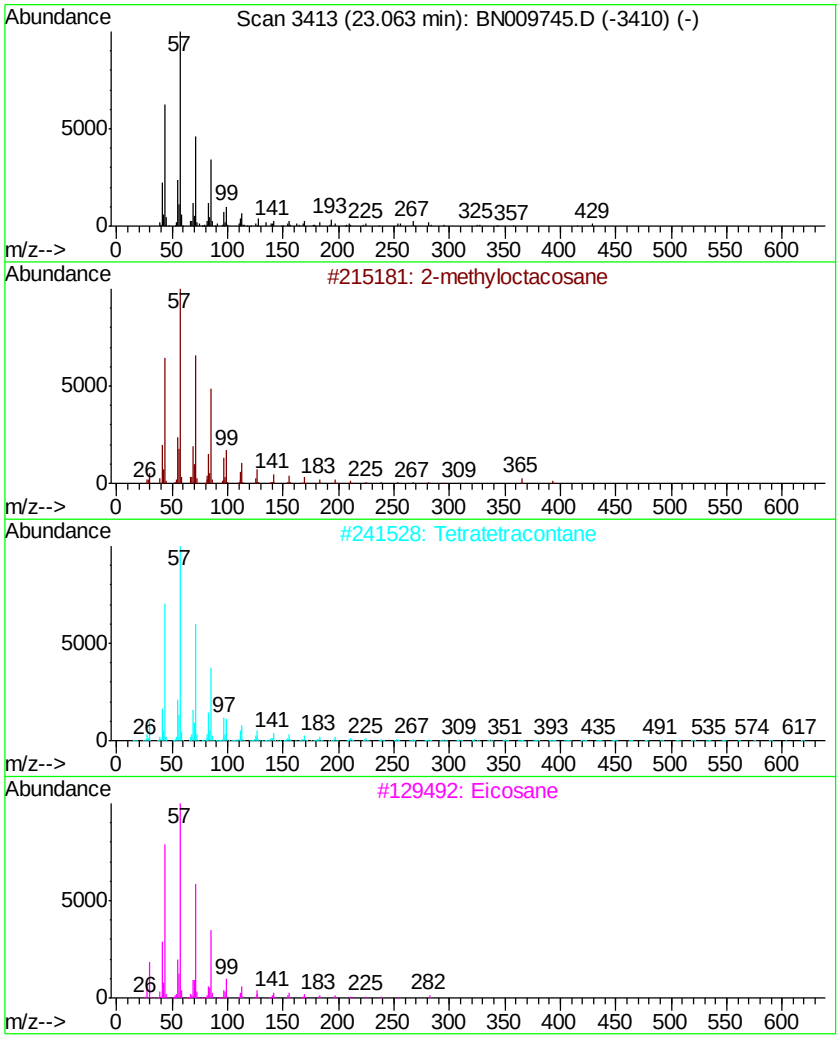
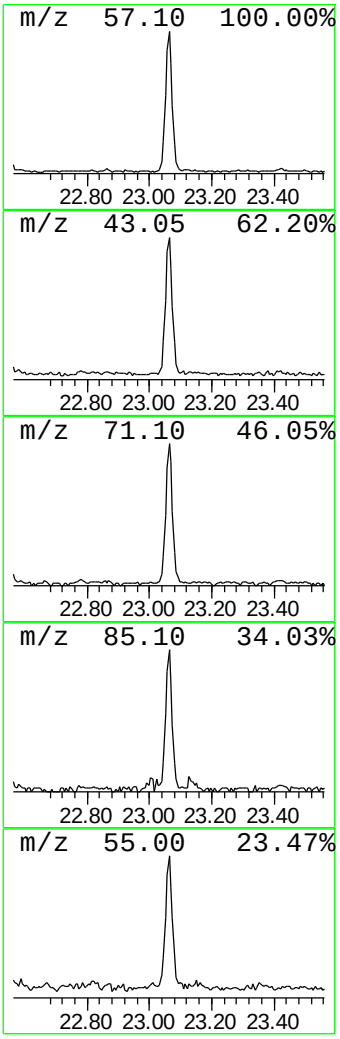
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	3.25 ng/ul	298294	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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Quant Title : SVOA CALIBRATION

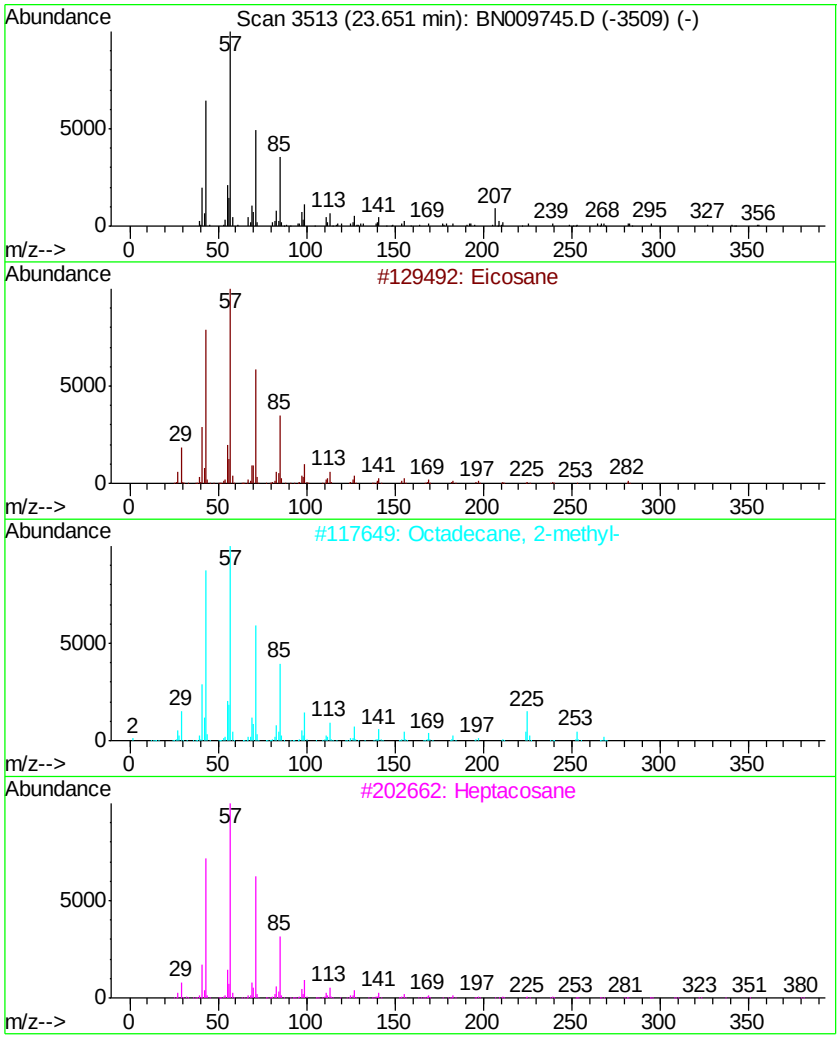
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

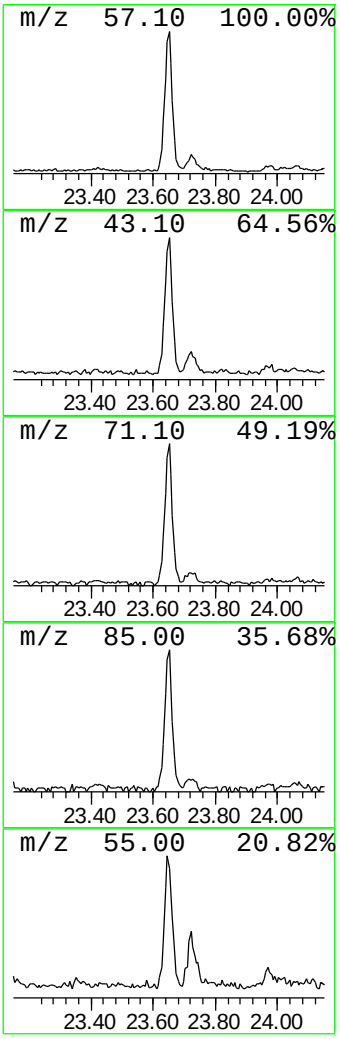
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.65	2.93 ng/ul	268914	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
3	Heptacosane	380	C27H56	000593-49-7	81
4	Nonadecane	268	C19H40	000629-92-5	81
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	74





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Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

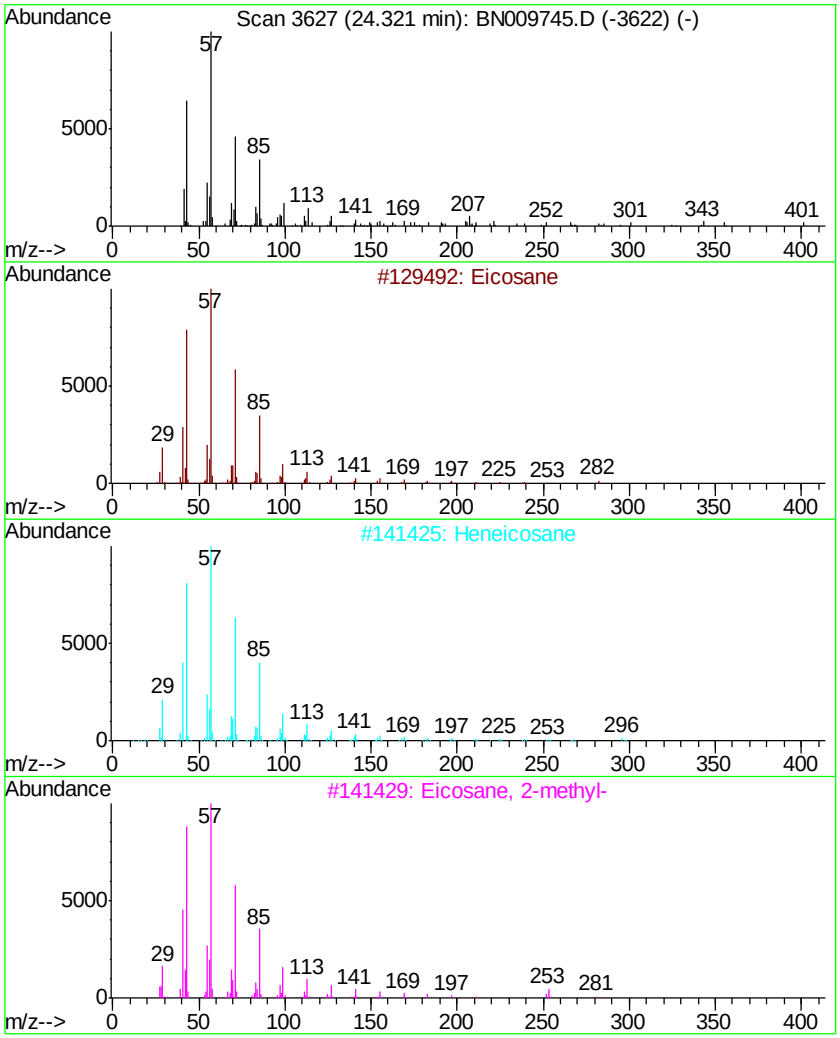
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

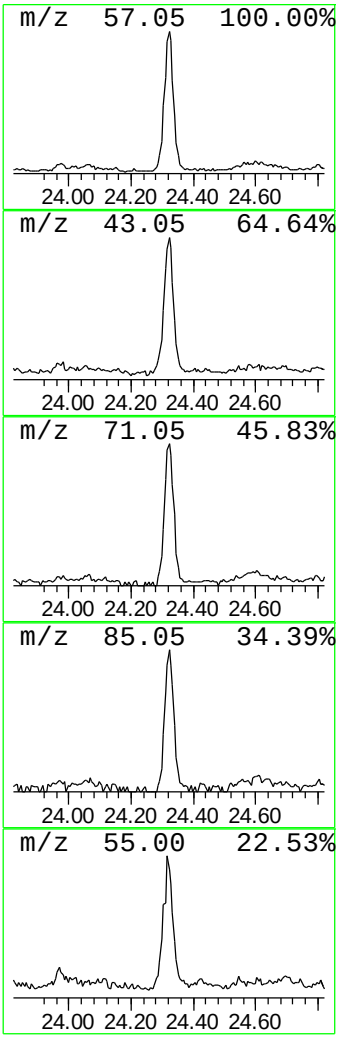
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	3.43 ng/ul	315111	Perylene-d12	23.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	87
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021820\
Data File : BN009745.D
Acq On : 18 Feb 2020 16:26
Operator : CG/JU
Sample : L1486-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBCX5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.74	4.4	ng/ul	380764	4	16.81	1737660	20.0
Trifluoroacetoxy ...	20.77	3.0	ng/ul	284943	5	21.03	1887120	20.0
Diethylene glycol...	20.83	2.2	ng/ul	204126	5	21.03	1887120	20.0
Squalene	22.19	16.1	ng/ul	1481540	6	23.14	1838450	20.0
(DEL) Alkane: Str...	22.54	2.5	ng/ul	234024	6	23.14	1838450	20.0
(DEL) Alkane: Str...	23.06	3.3	ng/ul	298294	6	23.14	1838450	20.0
(DEL) Alkane: Str...	23.65	2.9	ng/ul	268914	6	23.14	1838450	20.0
(DEL) Alkane: Str...	24.32	3.4	ng/ul	315111	6	23.14	1838450	20.0