LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024886.D
Acq On : 14 Feb 2020 11:08
Operator : CG/JU
Sample : L1422-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AX1

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_M\METHODS\SOM-EPA-BM020620MA.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	3.040	22	26	37	rVB2	74746	179246	2.20%	0.198%
2	4.599	288	291	299	rVB3	18450	36694	0.45%	0.040%
3	6.593	623	630	645	rBV	1442143	2410951	29.65%	2.658%
4	6.751	650	657	669	rVV	1241568	1978650	24.33%	2.181%
5	6.934	681	688	700	rBV	1653684	2701099	33.22%	2.978%
6	7.392	759	766	774	rBV	1284579	2043964	25.14%	2.253%
7	7.481	778	781	789	rVB7	9100	17847	0.22%	0.020%
8	7.922	848	856	860	rBV5	5743	11120	0.14%	0.012%
9	8.104	880	887	898	rBV	1860682	2977999	36.62%	3.283%
10	8.528	950	959	969	rBV	1378175	2294730	28.22%	2.530%
11	8.722	989	992	999	rVB7	8992	16479	0.20%	0.018%
12	9.022	1037	1043	1049	rBV	36742	54413	0.67%	0.060%
13	9.245	1073	1081	1094	rBV	1239009	2012768	24.75%	2.219%
14	9.781	1165	1172	1188	rBV	1973504	3320001	40.83%	3.660%
15	10.145	1225	1234	1240	rBV	1639892	2636615	32.43%	2.907%
16	10.192	1240	1242	1248	rVB	53933	71036	0.87%	0.078%
17	10.286	1251	1258	1281	rBV	1582889	2917396	35.88%	3.216%
18	11.745	1502	1506	1514	rVV	27984	46383	0.57%	0.051%
19	11.822	1514	1519	1527	rVB	27178	48269	0.59%	0.053%
20	12.045	1553	1557	1563	rVB2	16863	26476	0.33%	0.029%
21	12.874	1691	1698	1699	rBV3	6432	9719	0.12%	0.011%
22	12.898	1699	1702	1708	rVB5	6413	9145	0.11%	0.010%
23	12.969	1708	1714	1719	rBV3	15466	27712	0.34%	0.031%
24	13.357	1776	1780	1784	rBV6	10263	16938	0.21%	0.019%
25	13.469	1792	1799	1803	rVV	3070011	4287023	52.72%	4.726%
26	13.510	1803	1806	1817	rVV	349994	502177	6.18%	0.554%
27	13.727	1833	1843	1854	rBV	3902748	5581590	68.64%	6.153%
28	13.886	1864	1870	1880	rBV2	34919	88520	1.09%	0.098%
29	14.039	1890	1896	1904	rVB	2413783	3474926	42.74%	3.831%
30	14.263	1928	1934	1952	rBV	919987	1695306	20.85%	1.869%
31	14.892	2037	2041	2045	rBV3	8610	12921	0.16%	0.014%
32	14.957	2048	2052	2056	rVB6	9196	10804	0.13%	0.012%
33	15.045	2060	2067	2074	rVV	5027827	6694705	82.33%	7.380%
34	15.098	2074	2076	2082	rVV	24023	33802	0.42%	0.037%

LSC Area Percent Report

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Sample : L1422-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AX1

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_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

35	15.180	2084	2090	2102	rVV	1168989	1709730	21.03%	1.885%
36	15.286	2104	2108	2113	rVV	61570	86942	1.07%	0.096%
37	15.345	2115	2118	2126	rVB8	5352	10666	0.13%	0.012%
38	15.515	2142	2147	2150	rBV5	7252	9084	0.11%	0.010%
39	15.768	2185	2190	2194	rVB6	8639	16060	0.20%	0.018%
40	15.833	2196	2201	2206	rVB6	19494	33620	0.41%	0.037%
41	16.257	2271	2273	2278	rVB4	8106	10789	0.13%	0.012%
42	16.368	2284	2292	2295	rBV5	11132	18882	0.23%	0.021%
43	16.468	2304	2309	2315	rVB5	18692	40028	0.49%	0.044%
44	16.580	2326	2328	2331	rBV2	9677	11253	0.14%	0.012%
45	16.615	2331	2334	2340	rVB3	19933	24553	0.30%	0.027%
46	16.798	2358	2365	2370	rBV	2830530	3937873	48.43%	4.341%
47	16.833	2370	2371	2375	rVV	70599	76615	0.94%	0.084%
48	16.898	2375	2382	2396	rVV	4766817	6820949	83.89%	7.520%
49	17.021	2399	2403	2407	rVB7	13387	15718	0.19%	0.017%
50	17.227	2434	2438	2444	rVB6	15039	21675	0.27%	0.024%
51	17.439	2471	2474	2478	rVB5	8212	8598	0.11%	0.009%
52	17.533	2488	2490	2495	rVB4	7925	9088	0.11%	0.010%
53	17.627	2498	2506	2508	rBV7	7367	16151	0.20%	0.018%
54	17.674	2511	2514	2519	rVB5	16913	26747	0.33%	0.029%
55	17.739	2519	2525	2533	rBV	323545	518122	6.37%	0.571%
56	17.862	2543	2546	2550	rBV6	15956	24634	0.30%	0.027%
57	17.909	2552	2554	2558	rVB5	15710	13287	0.16%	0.015%
58	18.021	2570	2573	2579	rBV6	18109	35728	0.44%	0.039%
59	18.180	2596	2600	2605	rVB5	31024	40108	0.49%	0.044%
60	18.609	2670	2673	2678	rBV7	19242	27610	0.34%	0.030%
61	18.833	2707	2711	2715	rBV	51997	76889	0.95%	0.085%
62	18.862	2715	2716	2719	rVB2	20381	21835	0.27%	0.024%
63	19.033	2741	2745	2751	rBV5	82371	127443	1.57%	0.140%
64	19.086	2751	2754	2761	rVB	52654	82930	1.02%	0.091%
65	19.203	2765	2774	2783	rBV	6134338	8131157	100.00%	8.964%
66	19.774	2868	2871	2874	rBV4	20712	24527	0.30%	0.027%
67	20.768	3035	3040	3047	rBV	872082	1144035	14.07%	1.261%
68	21.009	3076	3081	3090	rBV	3556496	4449018	54.72%	4.905%
69	21.215	3113	3116	3120	rBV2	148500	155391	1.91%	0.171%
70	21.633	3184	3187	3193	rBV	276218	352944	4.34%	0.389%
71	22.068	3258	3261	3271	rVB	359047	454227	5.59%	0.501%

LSC Area Percent Report

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Sample : L1422-08
Misc :
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Instrument : BNA_M
ClientSampleId : C5AX1

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

72	22.539	3338	3341	3345	rVB	393378	486607	5.98%	0.536%
73	22.974	3409	3415	3424	rVB	4587936	7870472	96.79%	8.677%
74	23.062	3426	3430	3432	rVV	388760	554693	6.82%	0.612%
75	23.109	3432	3438	3446	rVB	2540056	4438511	54.59%	4.893%
76	23.656	3527	3531	3536	rVB	319960	526757	6.48%	0.581%

Sum of corrected areas: 90709370

LSC Report - Integrated Chromatogram

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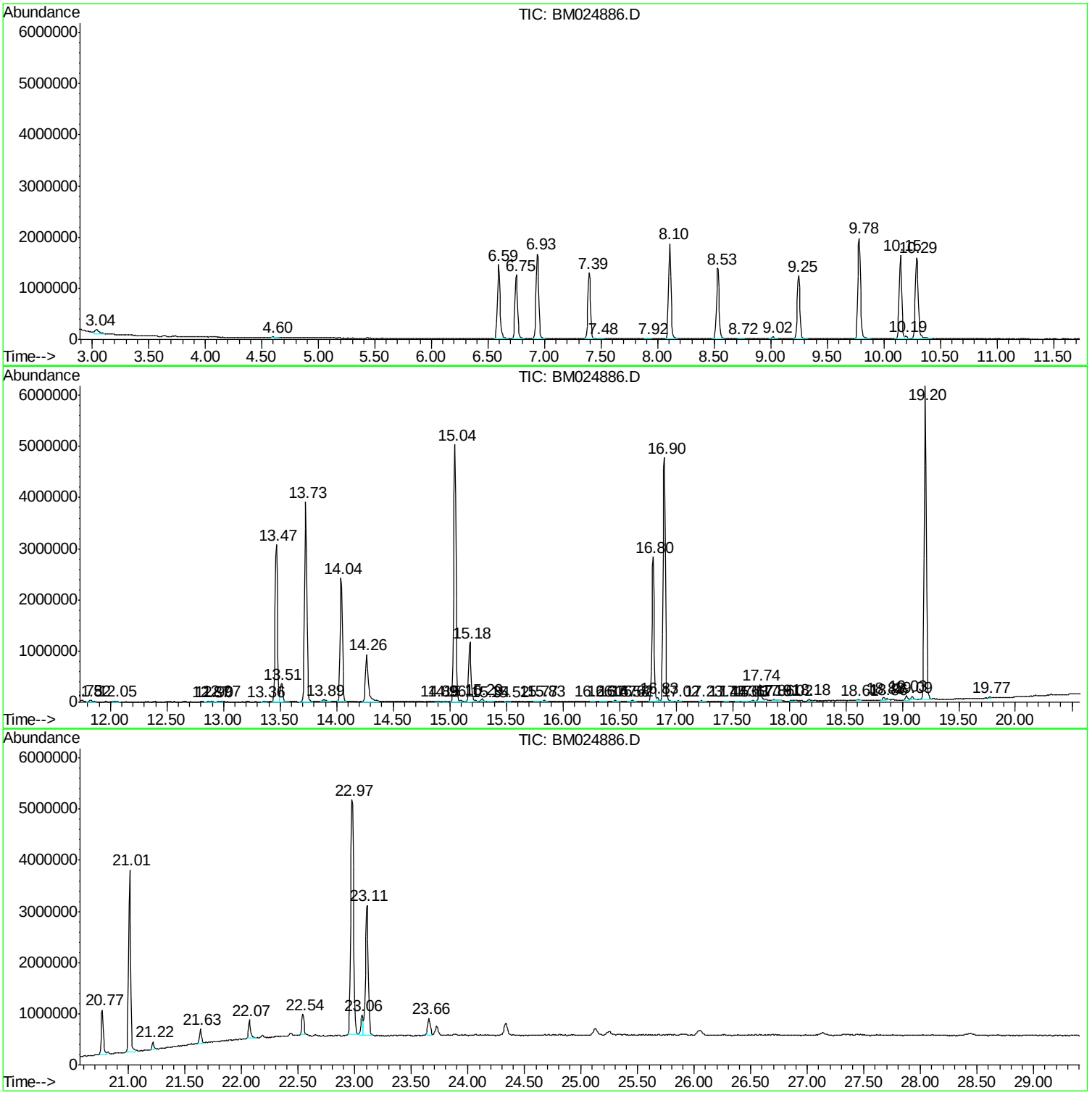
Data File : BM024886.D
Acq On : 14 Feb 2020 11:08
Operator : CG/JU
Sample : L1422-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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 M\DATA\BM021320\
Data File : BM024886.D
Acq On : 14 Feb 2020 11:08
Operator : CG/JU
Sample : L1422-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

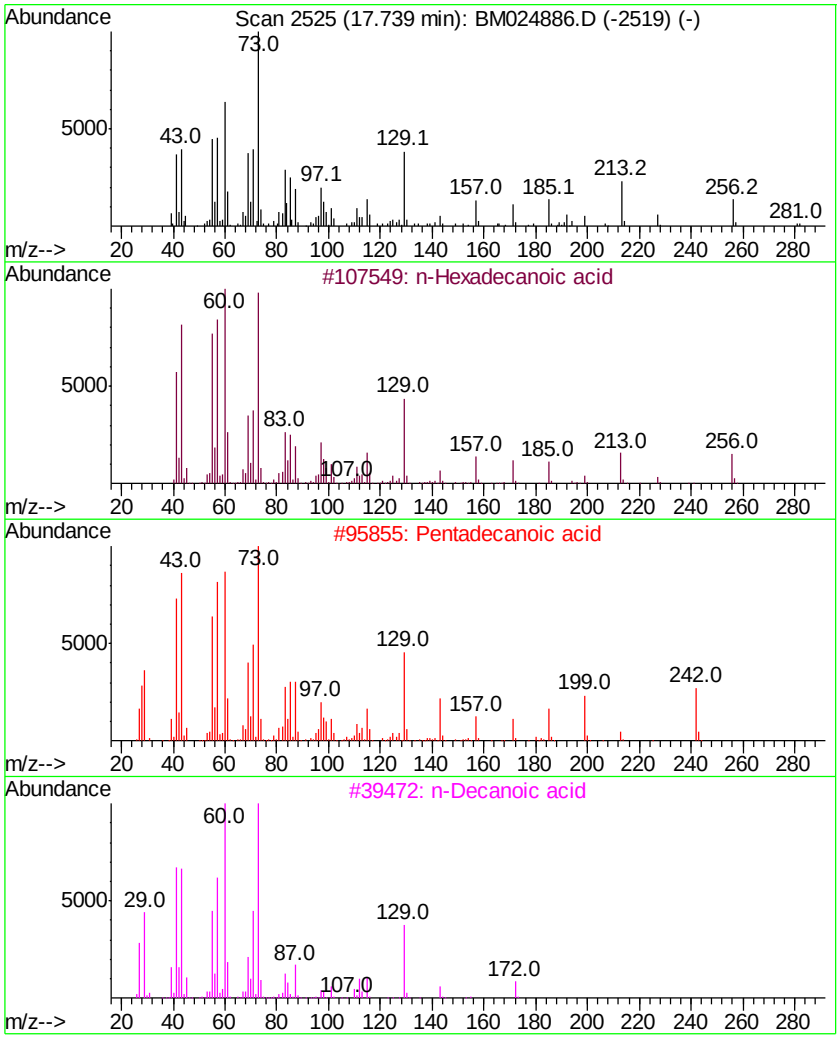
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

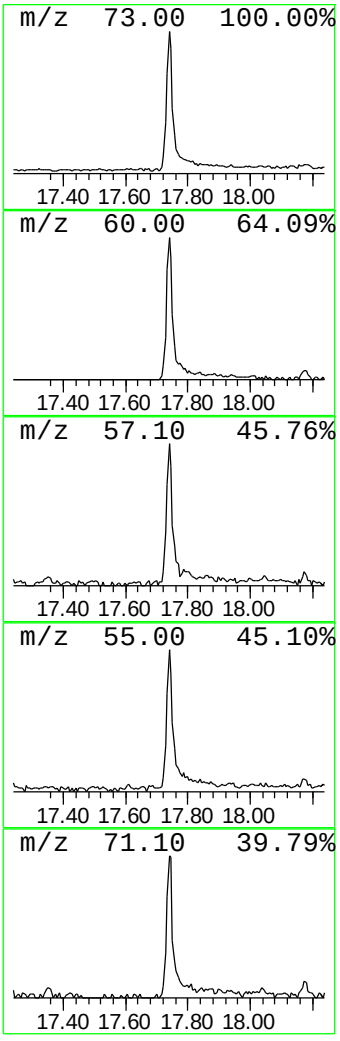
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	2.63 ng/ul	518122	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Operator : CG/JU
Sample : L1422-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

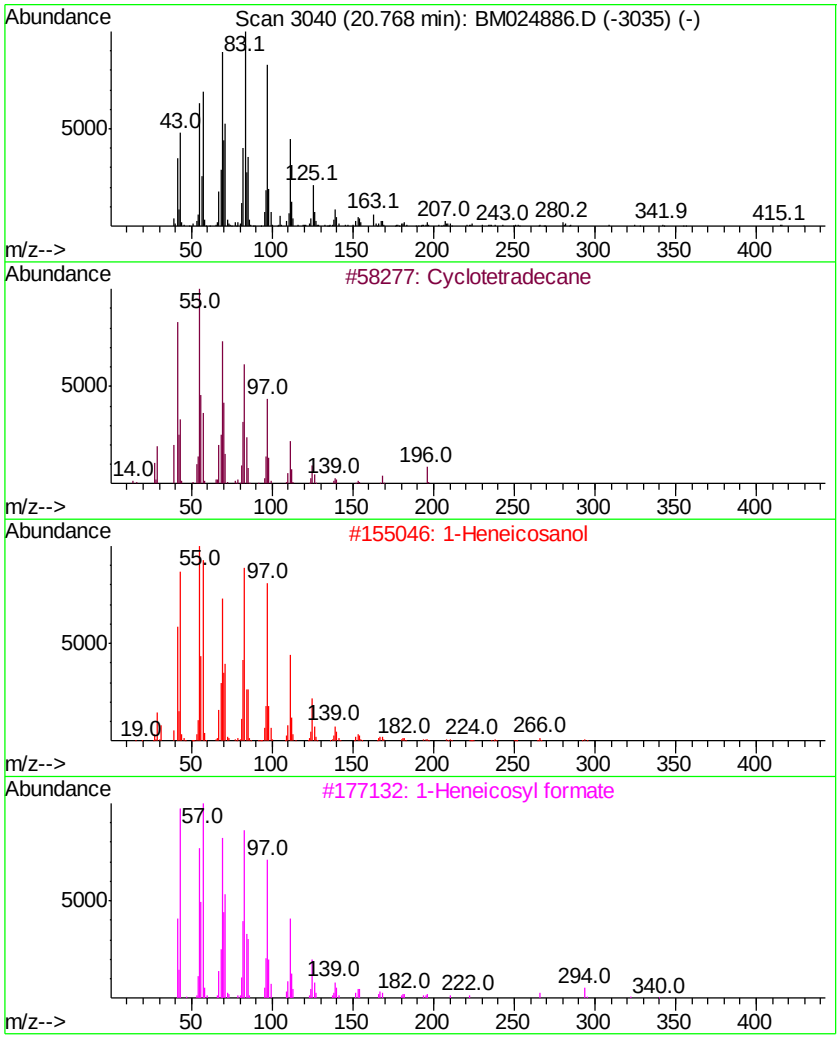
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

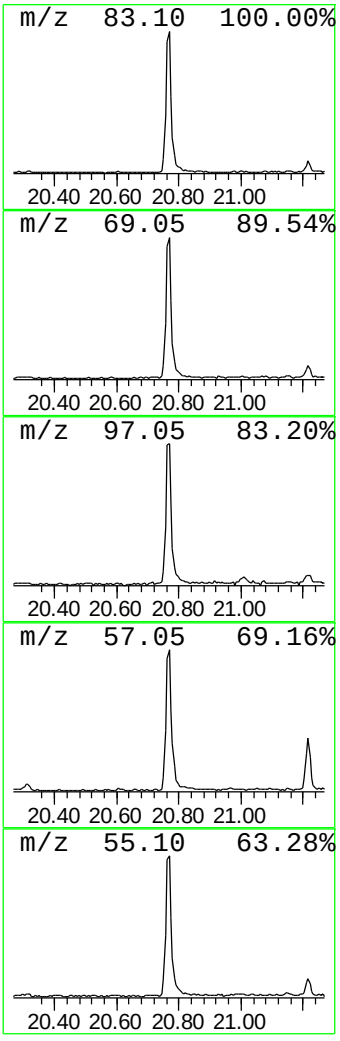
****

Peak Number 2 (DEL) Alkane: Cyclic20.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	5.14 ng/ul	1144040	Chrysene-d12	21.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





Library Search Compound Report

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Acq On : 14 Feb 2020 11:08
Operator : CG/JU
Sample : L1422-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AX1

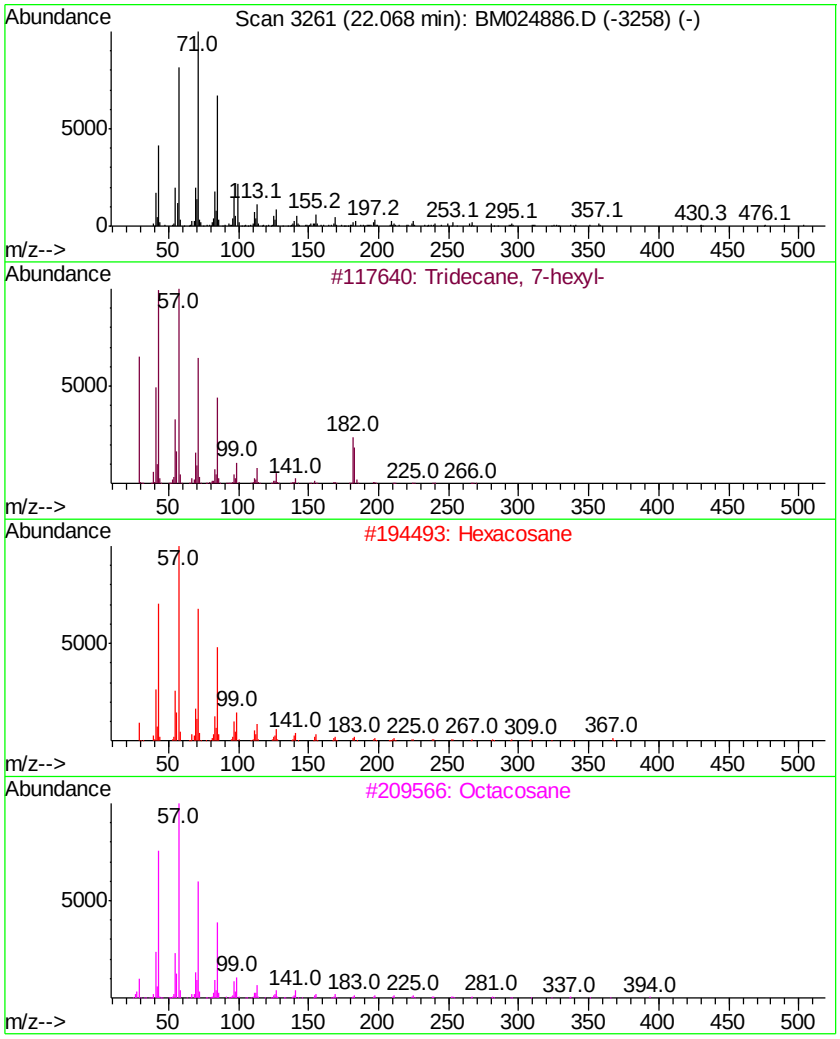
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

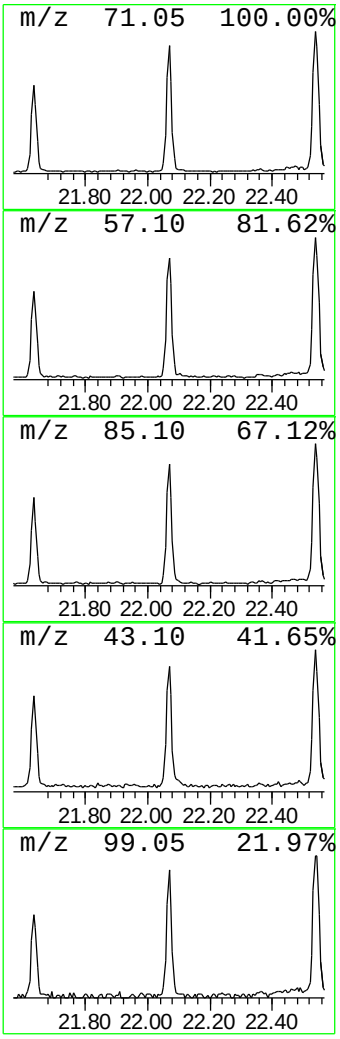
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	2.05 ng/ul	454227	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





Library Search Compound Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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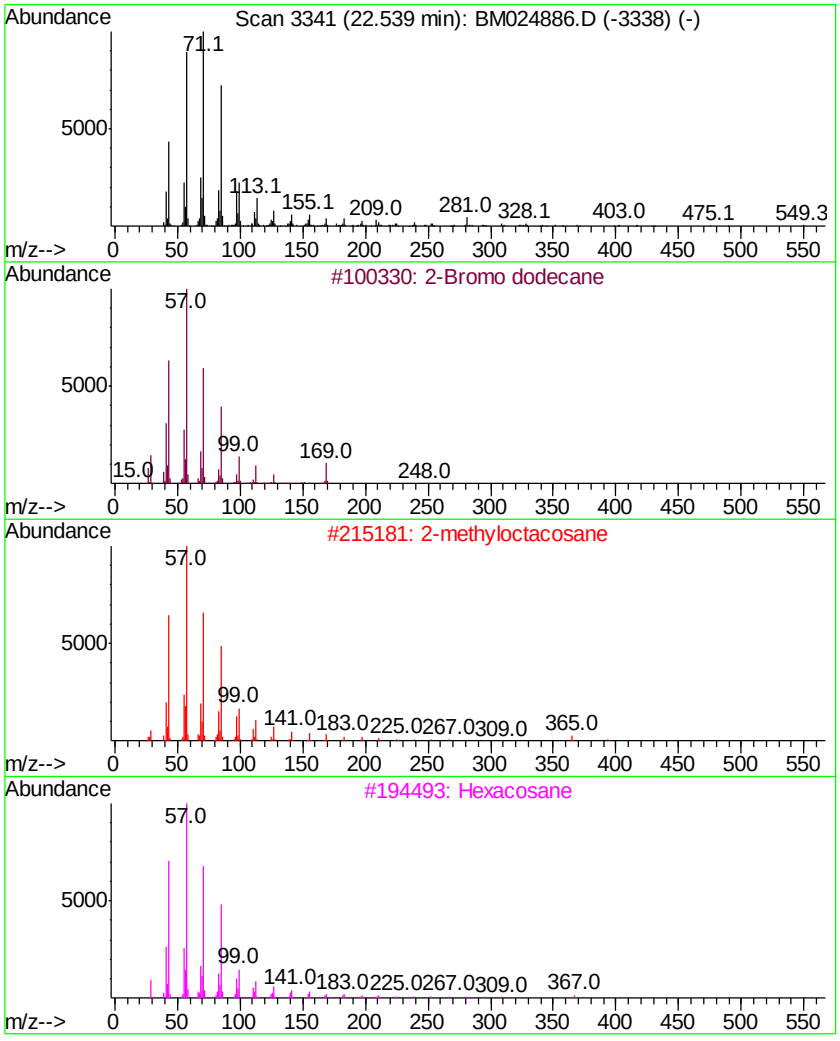
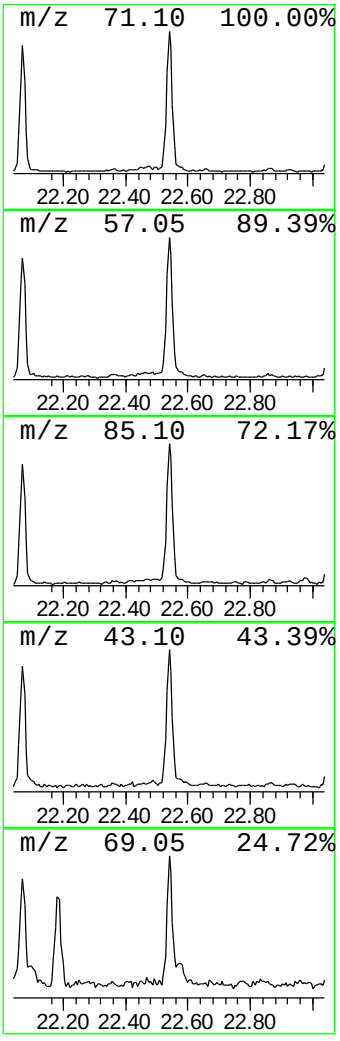
Peak Number 4 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.19 ng/ul	486607	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	2-methyloctacosane	408	C29H60	1000376-72-8	81
3	Hexacosane	366	C26H54	000630-01-3	81
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	76





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C5AX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

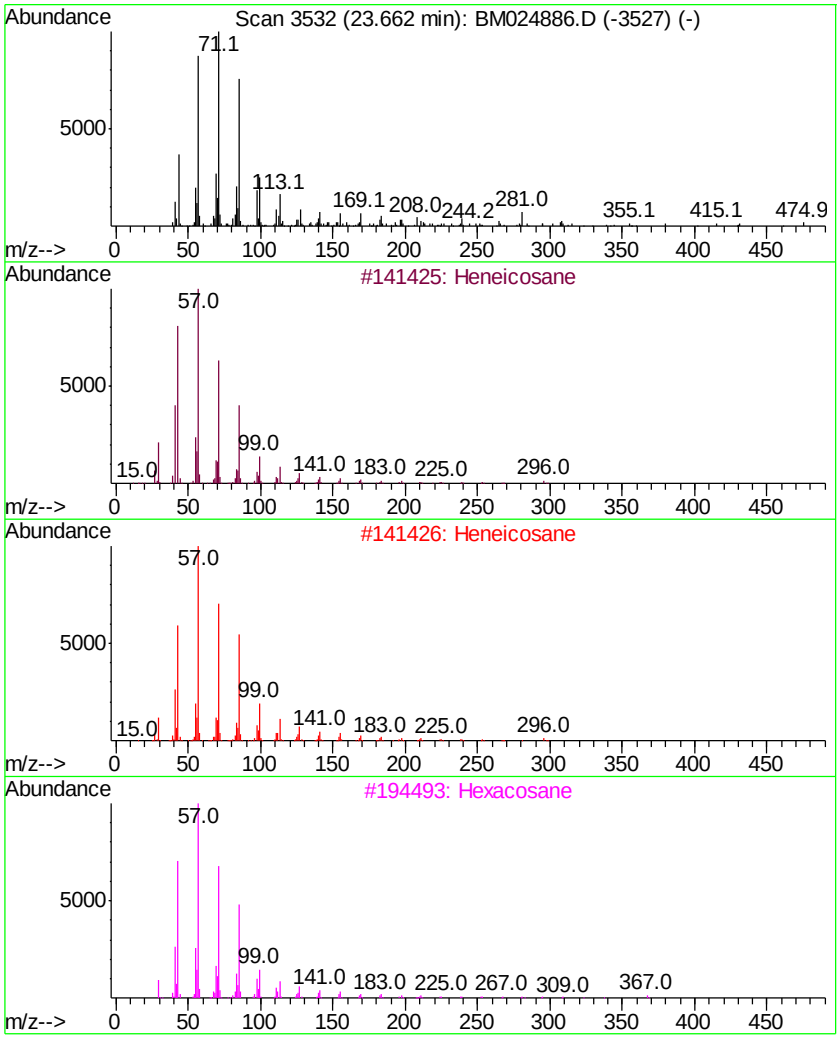
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

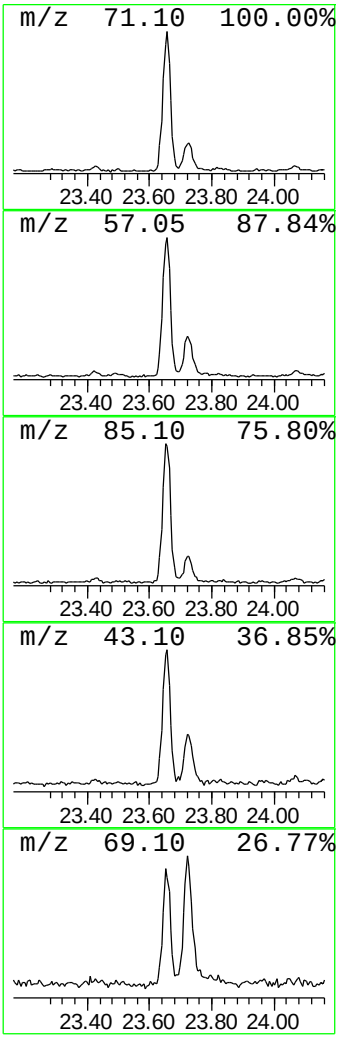
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	2.37 ng/ul	526757	Perylene-d12	23.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hentriacontane	437	C31H64	000630-04-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
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Misc :
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Instrument : BNA_M
ClientSampleId : C5AX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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	2.6	ng/ul	518122	4	16.80	3937870	20.0
(DEL) Alkane: Cyc...	20.77	5.1	ng/ul	1144040	5	21.01	4449020	20.0
(DEL) Alkane: Str...	22.07	2.0	ng/ul	454227	6	23.11	4438510	20.0
2-Bromo dodecane	22.54	2.2	ng/ul	486607	6	23.11	4438510	20.0
(DEL) Alkane: Str...	23.66	2.4	ng/ul	526757	6	23.11	4438510	20.0