LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

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-BM060619MA.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	3.046	6	10	33	rVB	10873206	13631906	100.00%	16.292%
2	3.310	52	55	60	rVB	46552	57196	0.42%	0.068%
3	3.822	138	142	147	rVB	66921	84761	0.62%	0.101%
4	3.934	156	161	169	rVB	88522	124951	0.92%	0.149%
5	4.134	193	195	202	rVB7	14550	19774	0.15%	0.024%
6	4.928	326	330	338	rVB	89359	134568	0.99%	0.161%
7	5.910	493	497	504	rVB5	9066	16787	0.12%	0.020%
8	6.216	543	549	553	rBV6	11762	17160	0.13%	0.021%
9	6.798	644	648	652	rBV5	9380	14414	0.11%	0.017%
10	6.975	671	678	691	rVB	804802	1335399	9.80%	1.596%
11	7.145	700	707	721	rBV	624409	1005007	7.37%	1.201%
12	7.340	733	740	751	rBV	860148	1370190	10.05%	1.638%
13	7.810	812	820	827	rBV	1323708	2056144	15.08%	2.457%
14	7.869	827	830	834	rVB4	10931	14168	0.10%	0.017%
15	8.510	929	939	950	rBV	952041	1526350	11.20%	1.824%
16	8.969	1010	1017	1025	rBV	758156	1242018	9.11%	1.484%
17	9.128	1040	1044	1049	rVB6	9813	15317	0.11%	0.018%
18	9.351	1075	1082	1087	rBV	25805	39453	0.29%	0.047%
19	9.686	1132	1139	1151	rBV	626336	1017611	7.46%	1.216%
20	10.222	1221	1230	1240	rBV	989381	1674790	12.29%	2.002%
21	10.598	1286	1294	1303	rBV	1647343	2774416	20.35%	3.316%
22	10.739	1311	1318	1327	rBV	524495	965535	7.08%	1.154%
23	12.186	1560	1564	1570	rVB3	16987	23767	0.17%	0.028%
24	12.792	1662	1667	1676	rBV8	6591	15967	0.12%	0.019%
25	13.857	1841	1848	1853	rBV	1679180	2311420	16.96%	2.762%
26	13.904	1853	1856	1864	rVB	645263	859889	6.31%	1.028%
27	14.139	1889	1896	1908	rVB	1902024	2795531	20.51%	3.341%
28	14.451	1939	1949	1957	rBV2	2200964	3502632	25.69%	4.186%
29	14.651	1974	1983	1996	rBV	514298	811773	5.95%	0.970%
30	14.810	2006	2010	2014	rVB4	23106	32157	0.24%	0.038%
31	14.857	2014	2018	2025	rVB6	31689	54325	0.40%	0.065%
32	15.239	2079	2083	2086	rBV	30515	36409	0.27%	0.044%
33	15.439	2106	2117	2124	rBV	2384892	3415096	25.05%	4.082%
34	15.563	2133	2138	2146	rBV	165049	245897	1.80%	0.294%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

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-BM060619MA.M
Title : SVOA CALIBRATION

35	15.680	2154	2158	2163	rBV3	31715	45304	0.33%	0.054%
36	16.221	2248	2250	2256	rVB6	12544	20553	0.15%	0.025%
37	16.586	2308	2312	2320	rBV7	17303	26119	0.19%	0.031%
38	16.951	2370	2374	2376	rBV4	11545	15331	0.11%	0.018%
39	16.980	2376	2379	2383	rVV4	11876	20144	0.15%	0.024%
40	17.139	2403	2406	2409	rBV5	12050	18755	0.14%	0.022%
41	17.192	2409	2415	2421	rVV2	2744551	4027892	29.55%	4.814%
42	17.233	2421	2422	2426	rVV	65207	66276	0.49%	0.079%
43	17.292	2426	2432	2440	rVV2	2500632	3446919	25.29%	4.120%
44	17.445	2454	2458	2461	rBV2	58912	87262	0.64%	0.104%
45	18.080	2561	2566	2578	rBV	681938	1183407	8.68%	1.414%
46	19.250	2761	2765	2770	rVB	228819	328674	2.41%	0.393%
47	19.362	2780	2784	2790	rBV	434836	688433	5.05%	0.823%
48	19.586	2817	2822	2832	rBV	2843784	4037218	29.62%	4.825%
49	21.074	3072	3075	3081	rBV	687944	832664	6.11%	0.995%
50	21.368	3121	3125	3130	rBV	3192897	4358927	31.98%	5.210%
51	21.515	3147	3150	3158	rVB2	738248	916237	6.72%	1.095%
52	21.956	3221	3225	3231	rVB	1079236	1386673	10.17%	1.657%
53	22.427	3301	3305	3310	rBV2	1874534	2927597	21.48%	3.499%
54	22.944	3389	3393	3398	rBV	1787075	2538352	18.62%	3.034%
55	23.515	3484	3490	3504	rVB3	2955905	6660775	48.86%	7.961%
56	23.656	3508	3514	3523	rVV	2550426	4598576	33.73%	5.496%
57	24.185	3600	3604	3611	rVB	1173205	2196586	16.11%	2.625%

Sum of corrected areas: 83671452

LSC Report - Integrated Chromatogram

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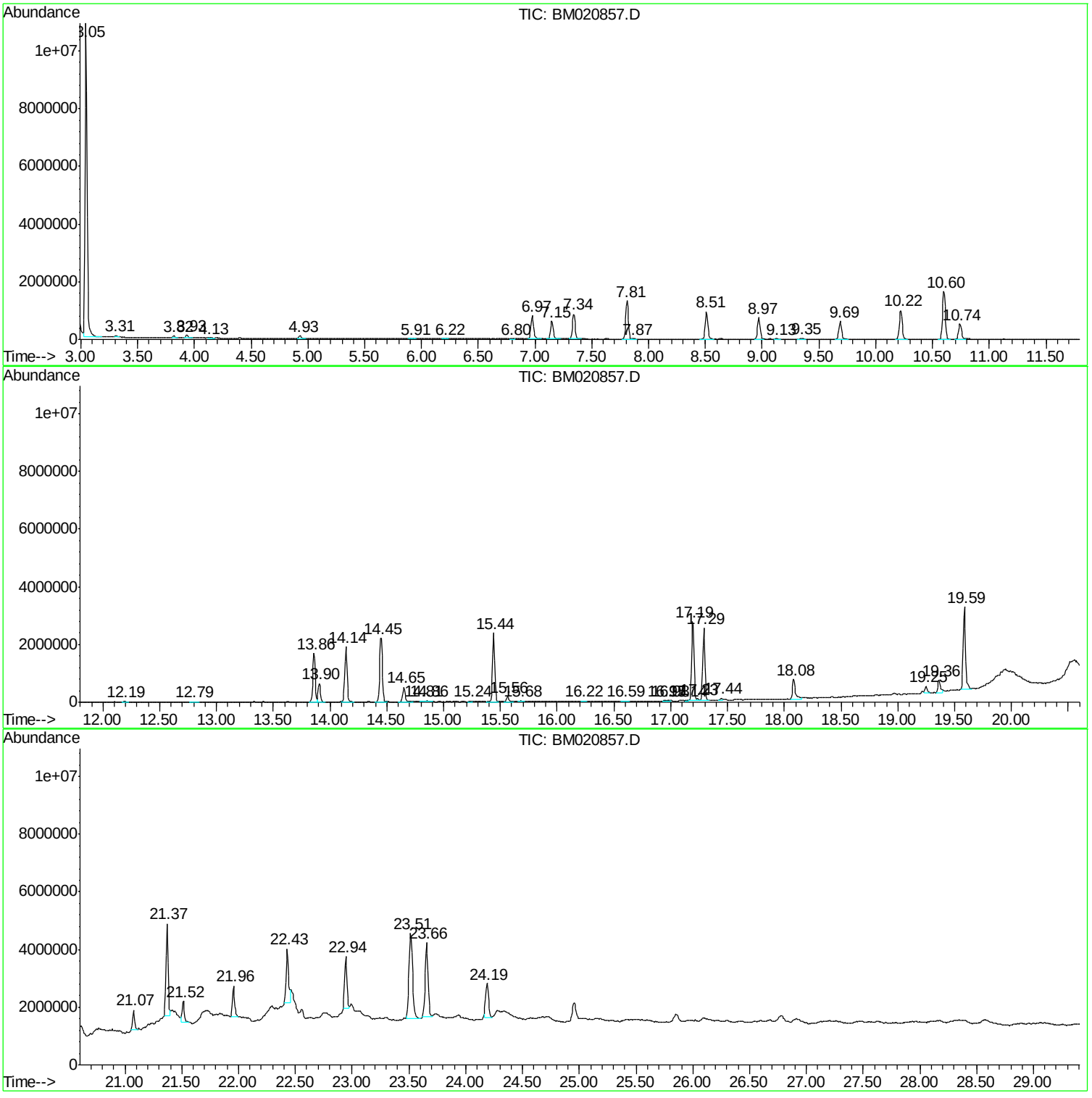
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

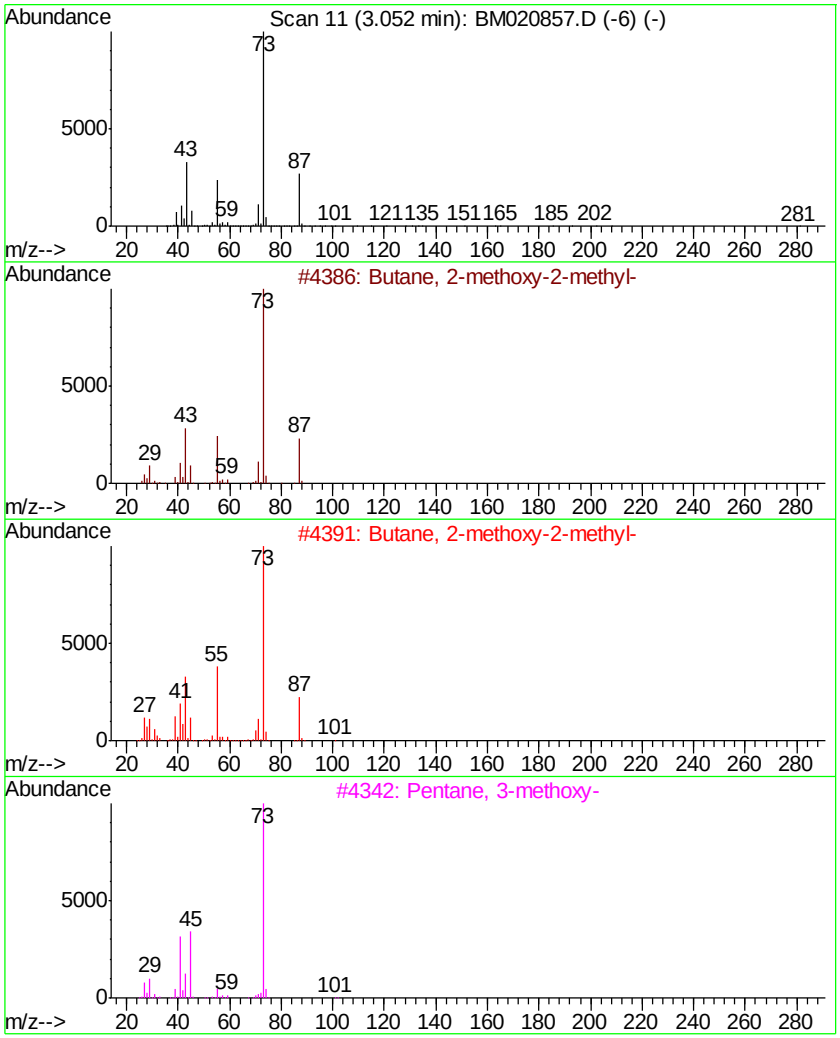
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

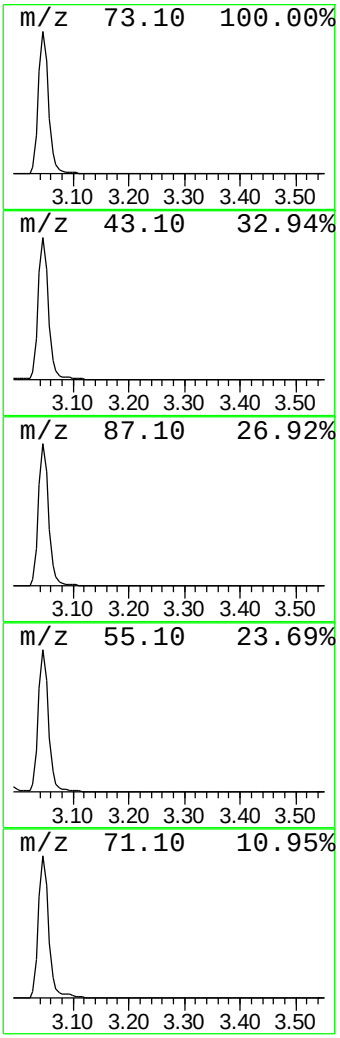
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	132.60 ng/ul	13631900	1,4-Dichlorobenzene-d4	7.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

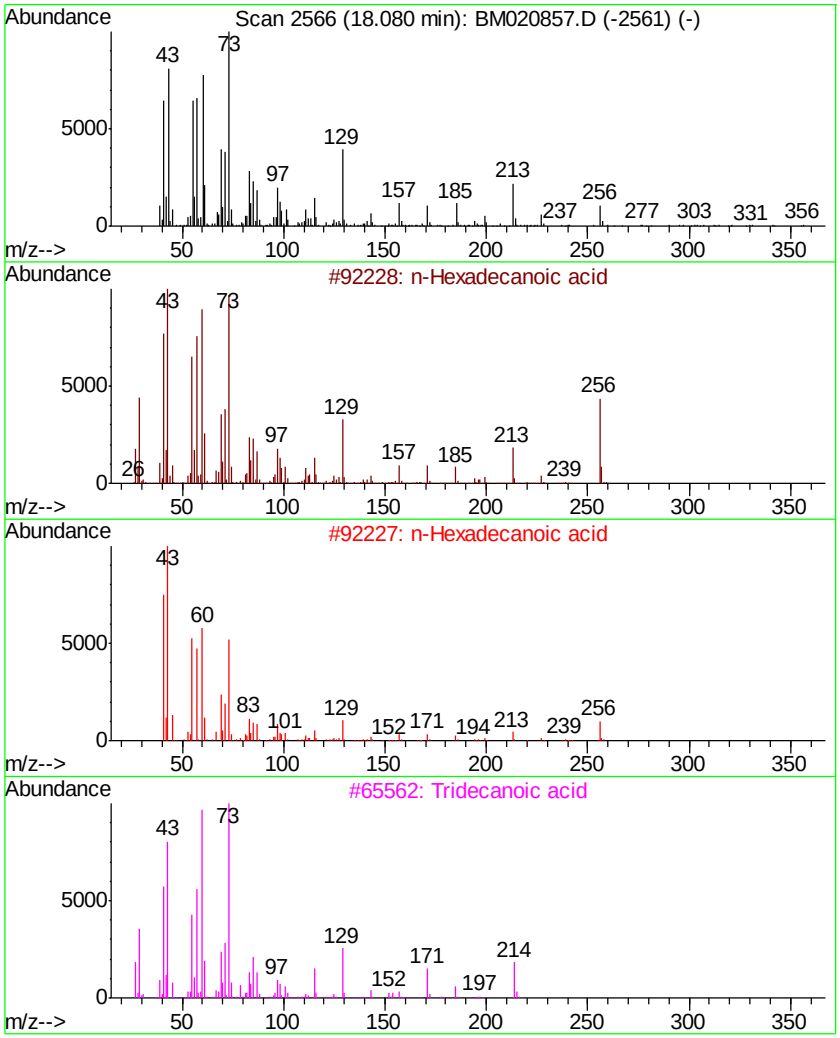
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

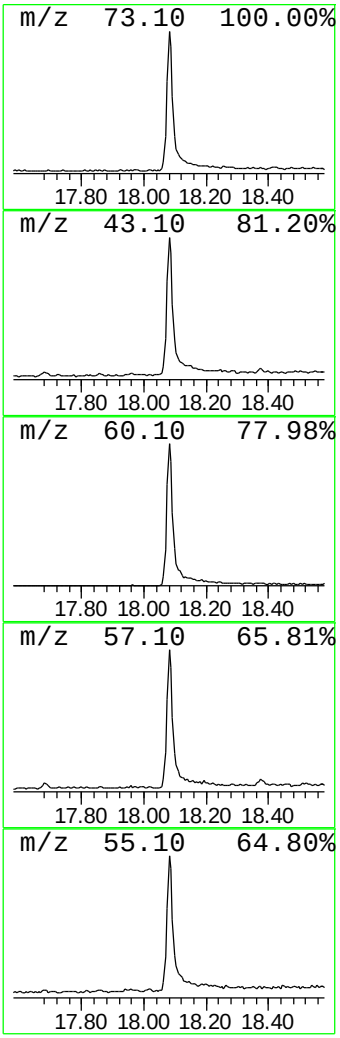
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	5.88 ng/ul	1183410	Phenanthrene-d10	17.19

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

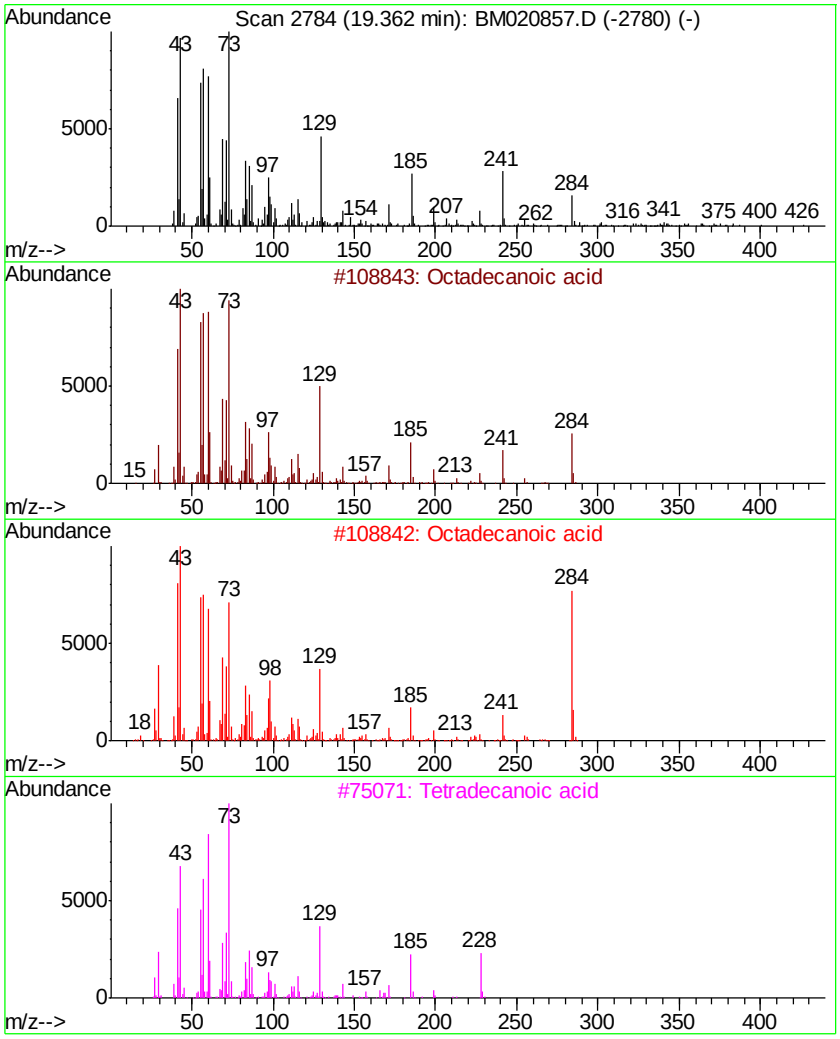
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

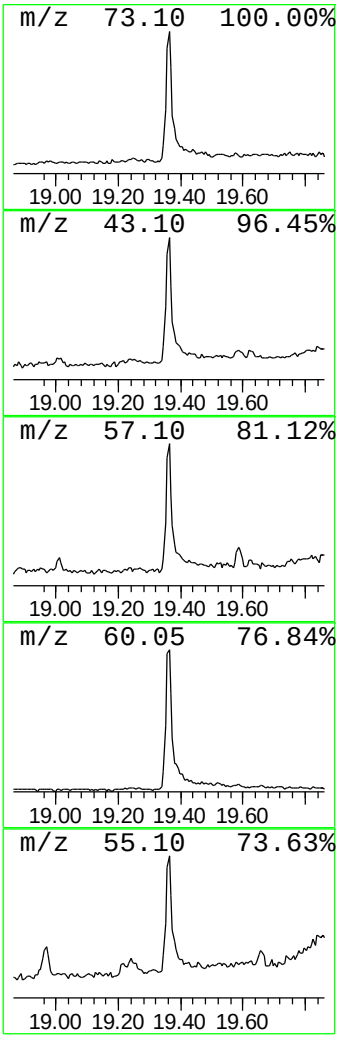
****

Peak Number 3 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.16 ng/ul	688433	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

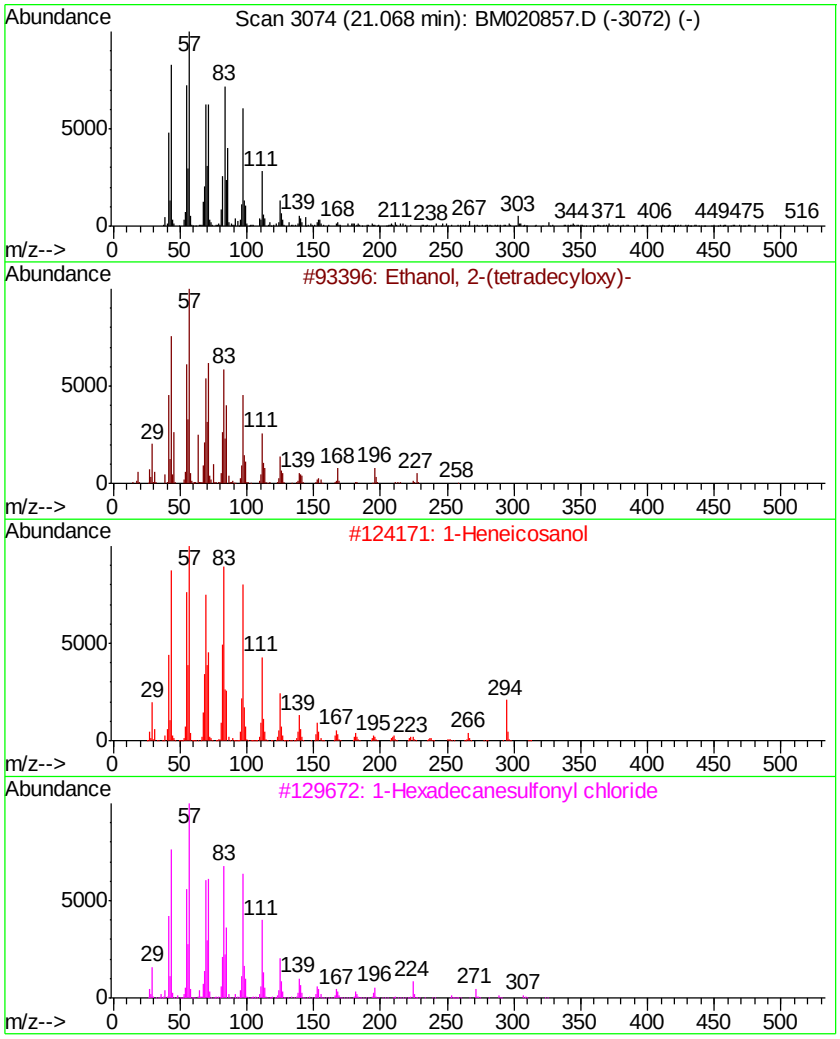
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

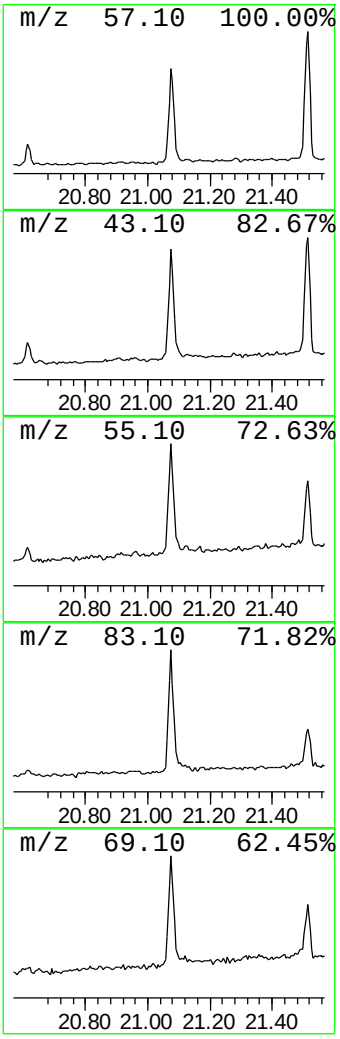
****

Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.82 ng/ul	832664	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2	1-Heneicosanol	312	C21H44O	015594-90-8	83
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70





Library Search Compound Report

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Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

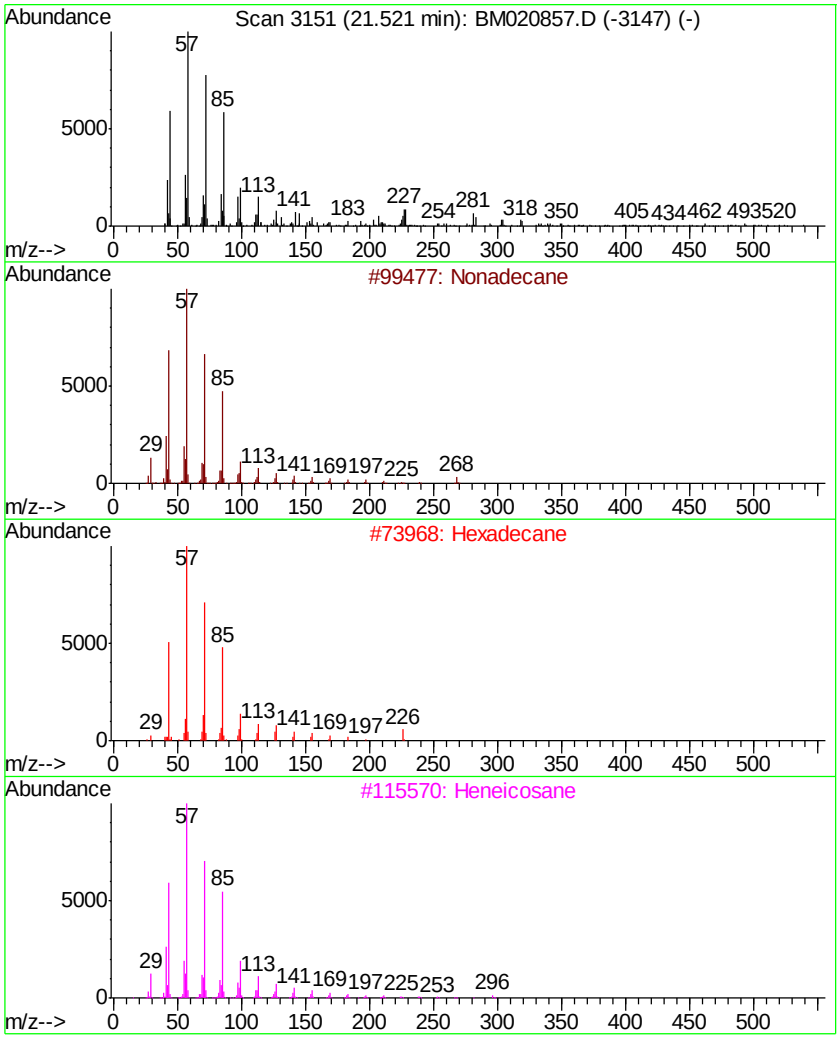
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

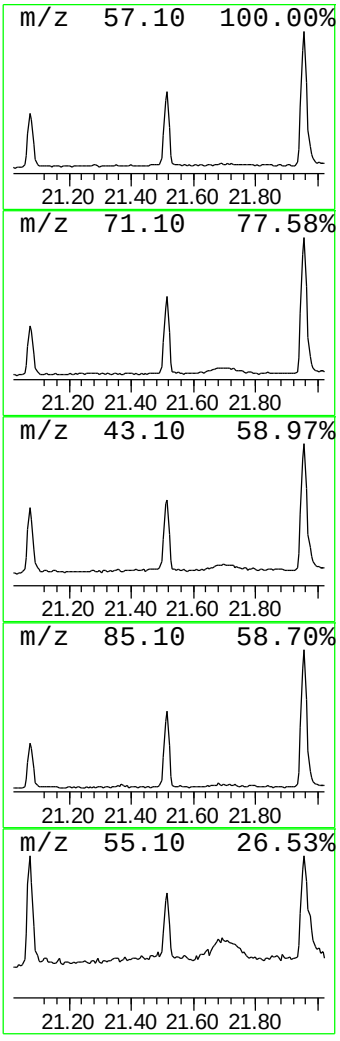
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	4.20 ng/ul	916237	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Eicosane	282	C20H42	000112-95-8	87





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Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

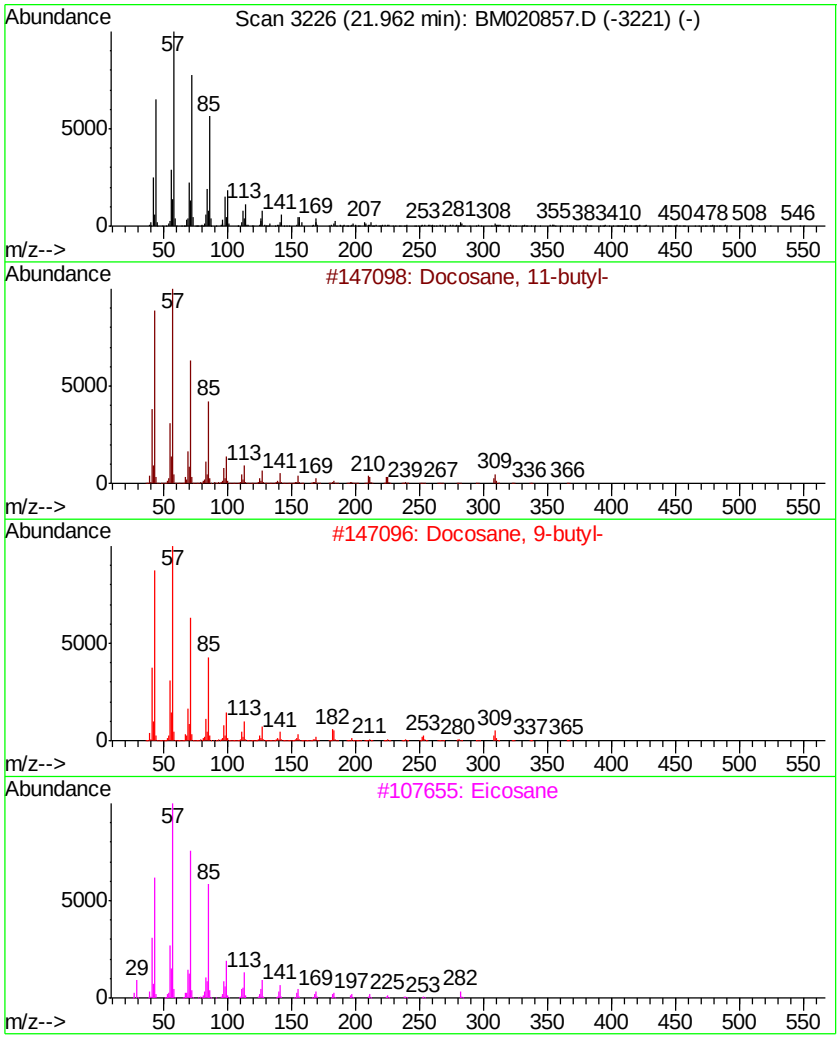
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

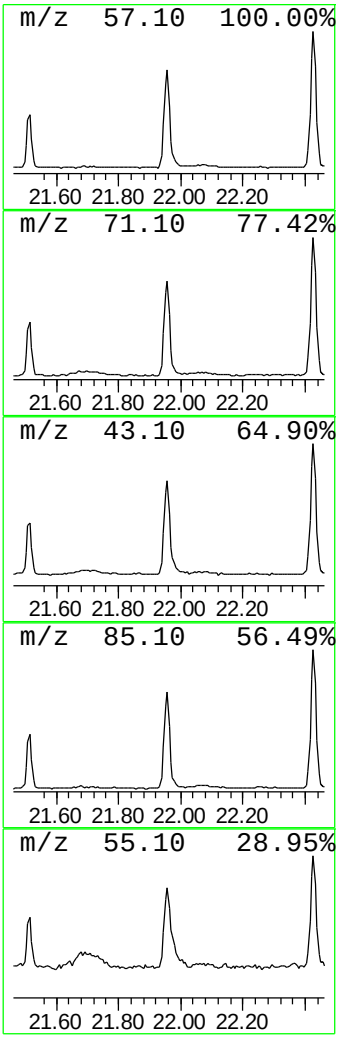
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	6.36 ng/ul	1386670	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	95
3	Eicosane	282	C20H42	000112-95-8	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Tetracosane	338	C24H50	000646-31-1	91





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Misc :
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Instrument : BNA_M
ClientSampleId : A51E8

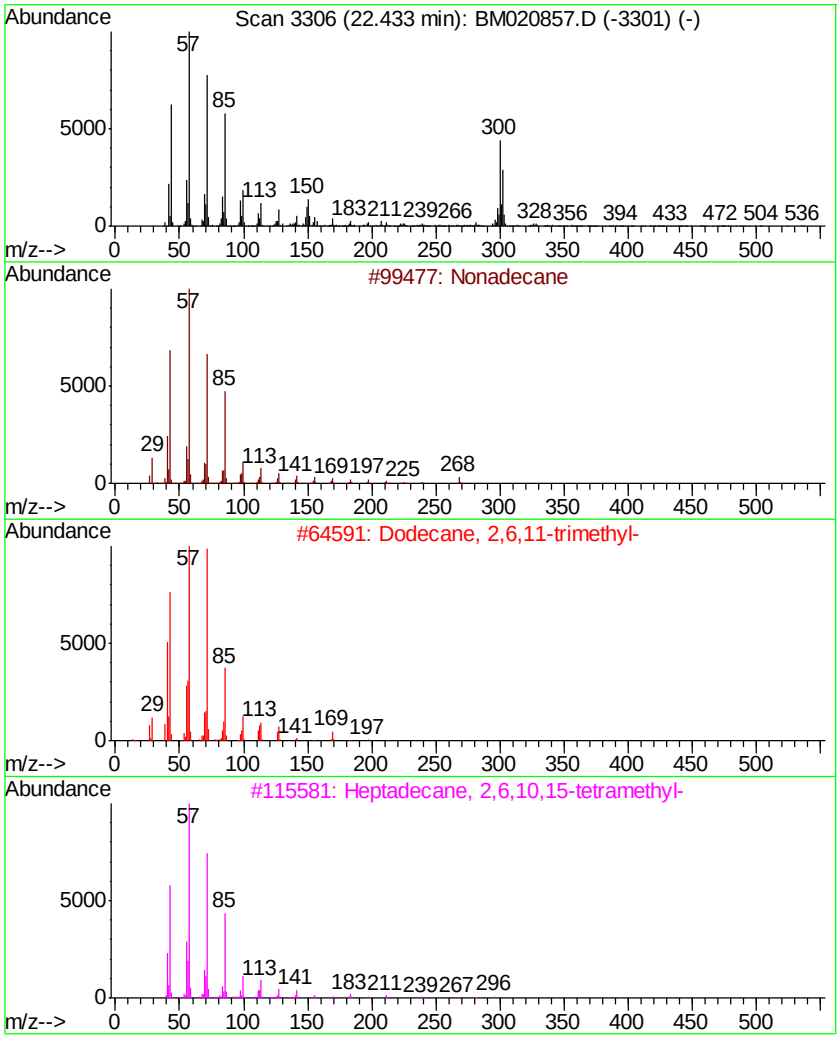
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

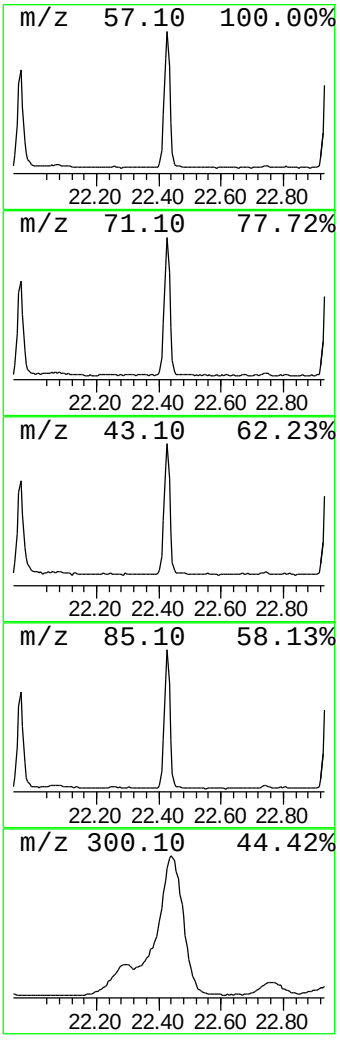
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	13.43 ng/ul	2927600	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	76
5	Octacosane	394	C28H58	000630-02-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

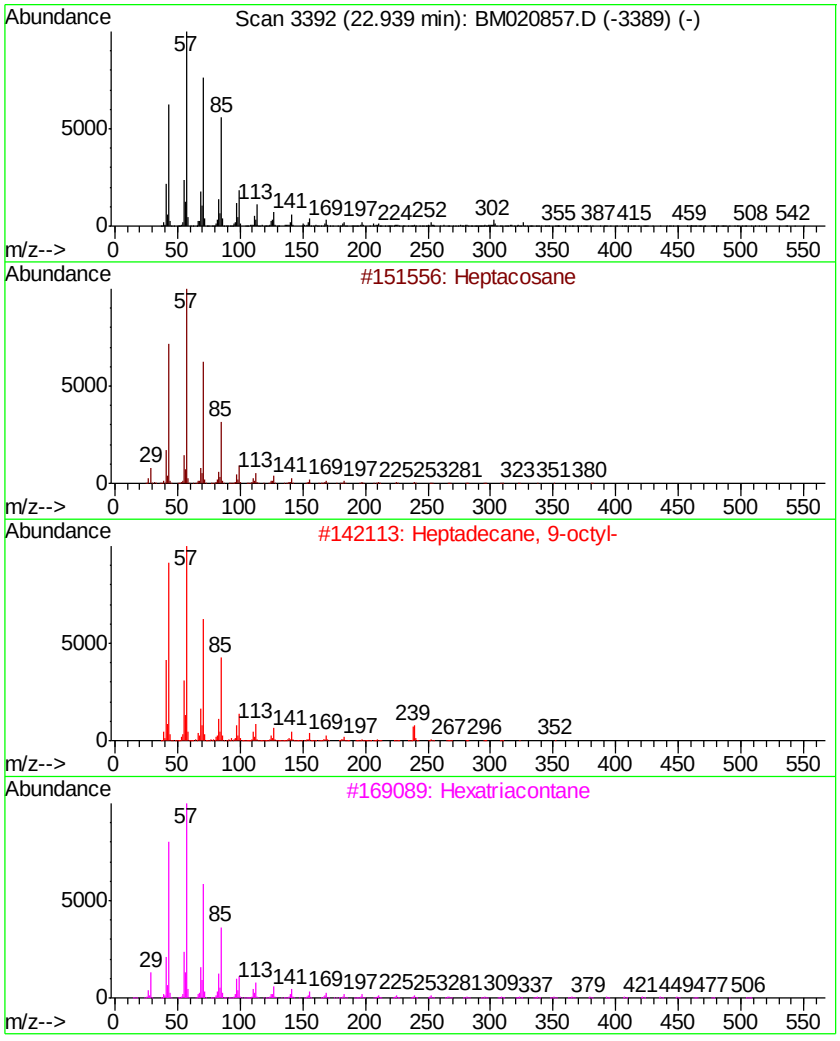
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

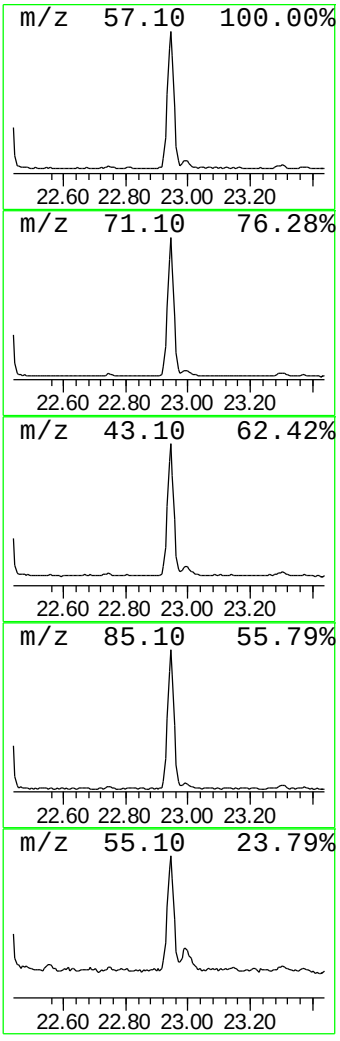
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	11.04 ng/ul	2538350	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	99
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
3	Hexatriacontane	507	C36H74	000630-06-8	95
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	95
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

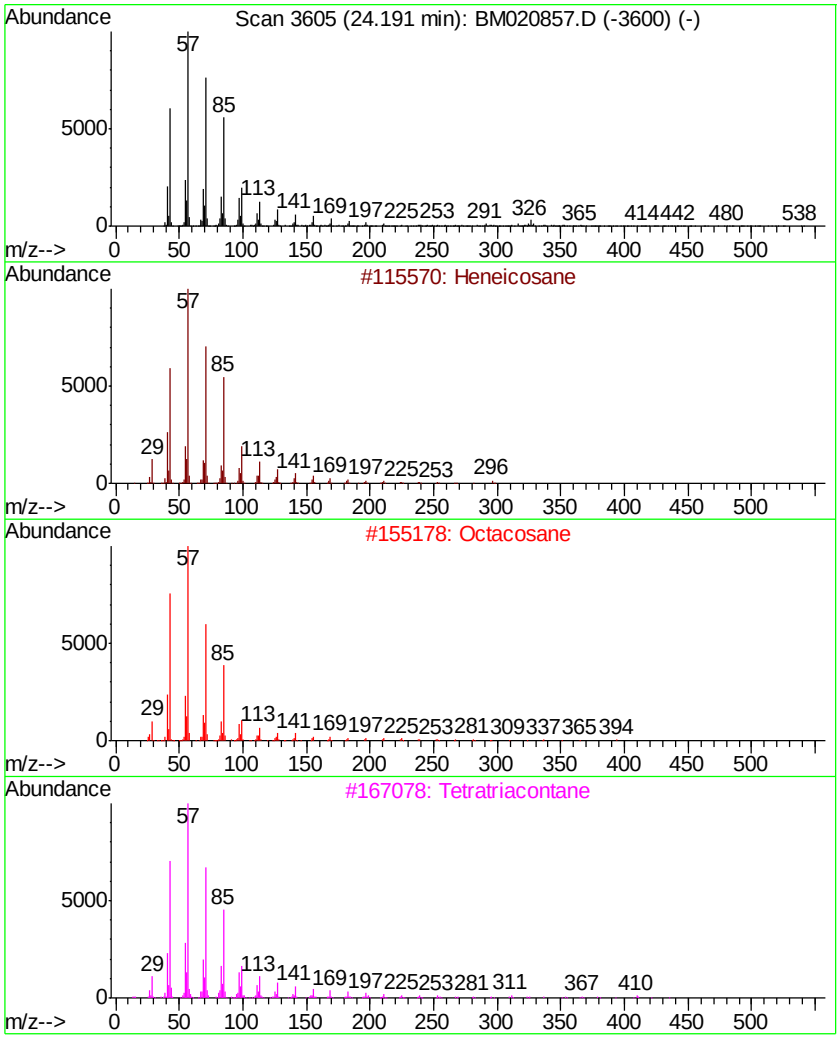
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

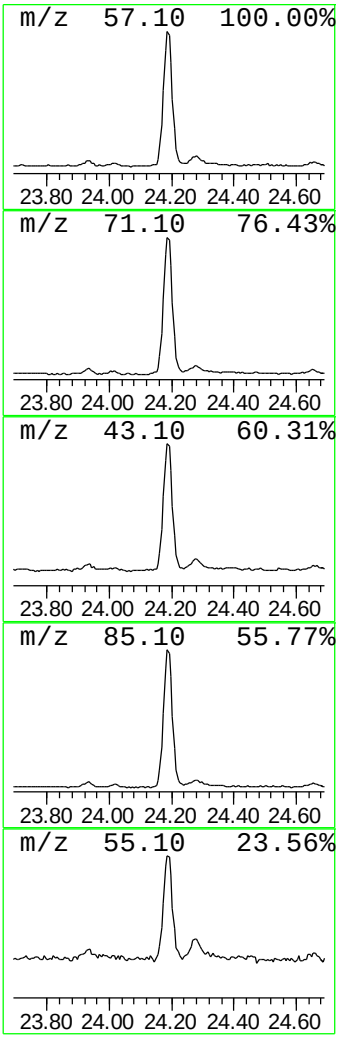
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	9.55 ng/ul	2196590	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061019\
Data File : BM020857.D
Acq On : 11 Jun 2019 04:26
Operator : HP/JU
Sample : K3017-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51E8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	132.6	ng/ul	13631900	1	7.81	2056140	20.0
n-Hexadecanoic acid	18.08	5.9	ng/ul	1183410	4	17.19	4027890	20.0
Octadecanoic acid	19.36	3.2	ng/ul	688433	5	21.37	4358930	20.0
Ethanol, 2-(tetra...	21.07	3.8	ng/ul	832664	5	21.37	4358930	20.0
(DEL) Alkane: Str...	21.52	4.2	ng/ul	916237	5	21.37	4358930	20.0
(DEL) Alkane: Str...	21.96	6.4	ng/ul	1386670	5	21.37	4358930	20.0
(DEL) Alkane: Str...	22.43	13.4	ng/ul	2927600	5	21.37	4358930	20.0
(DEL) Alkane: Str...	22.94	11.0	ng/ul	2538350	6	23.66	4598580	20.0
(DEL) Alkane: Str...	24.19	9.6	ng/ul	2196590	6	23.66	4598580	20.0