LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020413.D
Acq On : 18 May 2019 23:53
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5160

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-BM051619MA.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	3.740	125	128	134	rVB	66646	85415	2.62%	0.380%
2	6.404	576	581	588	rVB	33903	54236	1.66%	0.242%
3	6.904	660	666	683	rBV	392730	661350	20.30%	2.945%
4	7.075	690	695	706	rBV	298662	500356	15.36%	2.228%
5	7.269	721	728	737	rBV	428747	700132	21.49%	3.118%
6	7.734	801	807	816	rBV	366500	595819	18.29%	2.654%
7	8.440	921	927	944	rBV	298104	550273	16.89%	2.451%
8	8.904	999	1006	1019	rBV	370527	629029	19.31%	2.801%
9	9.245	1061	1064	1066	rVB3	3169	3400	0.10%	0.015%
10	9.622	1121	1128	1139	rBV	300400	503182	15.44%	2.241%
11	10.151	1211	1218	1231	rBV	452604	797218	24.47%	3.551%
12	10.528	1275	1282	1289	rBV	436193	727366	22.32%	3.239%
13	10.581	1289	1291	1295	rVB2	4815	4844	0.15%	0.022%
14	10.681	1301	1308	1320	rBV2	105018	241991	7.43%	1.078%
15	12.122	1549	1553	1558	rVB	4819	7206	0.22%	0.032%
16	13.181	1729	1733	1738	rVB3	3825	5377	0.17%	0.024%
17	13.704	1817	1822	1826	rBV3	2416	3666	0.11%	0.016%
18	13.798	1832	1838	1843	rBV	842370	1144610	35.13%	5.098%
19	13.845	1843	1846	1855	rVB	179334	232510	7.14%	1.036%
20	14.022	1871	1876	1880	rBV4	3648	6387	0.20%	0.028%
21	14.080	1880	1886	1899	rVV	941750	1361661	41.79%	6.064%
22	14.198	1902	1906	1912	rVV3	3298	5615	0.17%	0.025%
23	14.263	1912	1917	1922	rVV5	5970	9799	0.30%	0.044%
24	14.386	1932	1938	1949	rBV2	592563	916888	28.14%	4.083%
25	14.604	1967	1975	1990	rBV	170263	371829	11.41%	1.656%
26	14.769	1998	2003	2006	rBV4	12749	22283	0.68%	0.099%
27	15.169	2066	2071	2074	rBV3	5430	7500	0.23%	0.033%
28	15.216	2075	2079	2085	rVV3	8696	13318	0.41%	0.059%
29	15.274	2087	2089	2093	rBV4	2330	4064	0.12%	0.018%
30	15.386	2101	2108	2114	rBV	1200089	1685452	51.73%	7.506%
31	15.433	2114	2116	2121	rVB5	6838	8557	0.26%	0.038%
32	15.522	2126	2131	2140	rVB	187058	263229	8.08%	1.172%
33	15.622	2144	2148	2153	rVB3	15680	19329	0.59%	0.086%
34	15.951	2203	2204	2210	rVB4	3612	4166	0.13%	0.019%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020413.D
Acq On : 18 May 2019 23:53
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5160

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-BM051619MA.M
Title : SVOA CALIBRATION

35	16.022	2214	2216	2221	rBV6	2214	3726	0.11%	0.017%
36	16.086	2221	2227	2236	rBV8	10164	25210	0.77%	0.112%
37	16.163	2236	2240	2241	rBV4	4831	5382	0.17%	0.024%
38	16.251	2251	2255	2256	rBV4	3728	5071	0.16%	0.023%
39	16.274	2256	2259	2261	rVB4	3923	4580	0.14%	0.020%
40	16.527	2301	2302	2304	rVB2	6860	4217	0.13%	0.019%
41	16.551	2304	2306	2309	rBV4	2897	3601	0.11%	0.016%
42	16.651	2320	2323	2326	rBV4	5884	9726	0.30%	0.043%
43	16.674	2326	2327	2331	rVV4	3557	4330	0.13%	0.019%
44	16.874	2359	2361	2364	rVB3	8371	4960	0.15%	0.022%
45	16.927	2366	2370	2372	rBV5	7339	10405	0.32%	0.046%
46	17.051	2388	2391	2394	rBV4	3956	4439	0.14%	0.020%
47	17.139	2400	2406	2416	rBV2	738695	1111762	34.12%	4.951%
48	17.239	2417	2423	2432	rVV	1265265	1759517	54.00%	7.836%
49	18.021	2552	2556	2564	rBV	205340	319619	9.81%	1.423%
50	19.310	2772	2775	2780	rBV2	73382	105717	3.24%	0.471%
51	19.539	2809	2814	2823	rBV	1554431	2200681	67.54%	9.801%
52	21.027	3064	3067	3072	rBV2	245943	335246	10.29%	1.493%
53	21.333	3115	3119	3123	rBV	904187	1128985	34.65%	5.028%
54	23.462	3476	3481	3491	rVB2	1511354	3258362	100.00%	14.512%

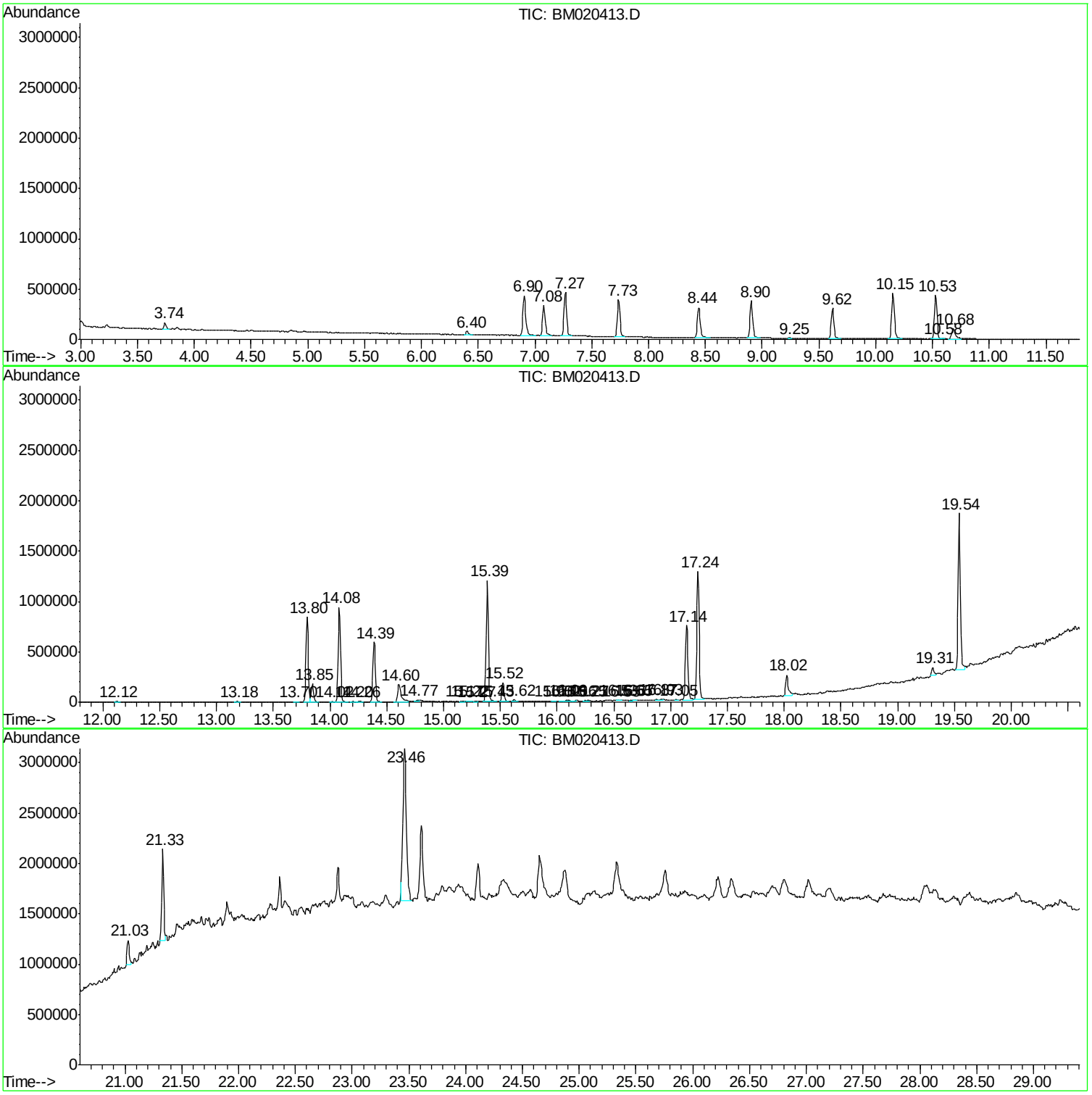
Sum of corrected areas: 22453593

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020413.D
Acq On : 18 May 2019 23:53
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5160

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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\BM051819\
Data File : BM020413.D
Acq On : 18 May 2019 23:53
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5160

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

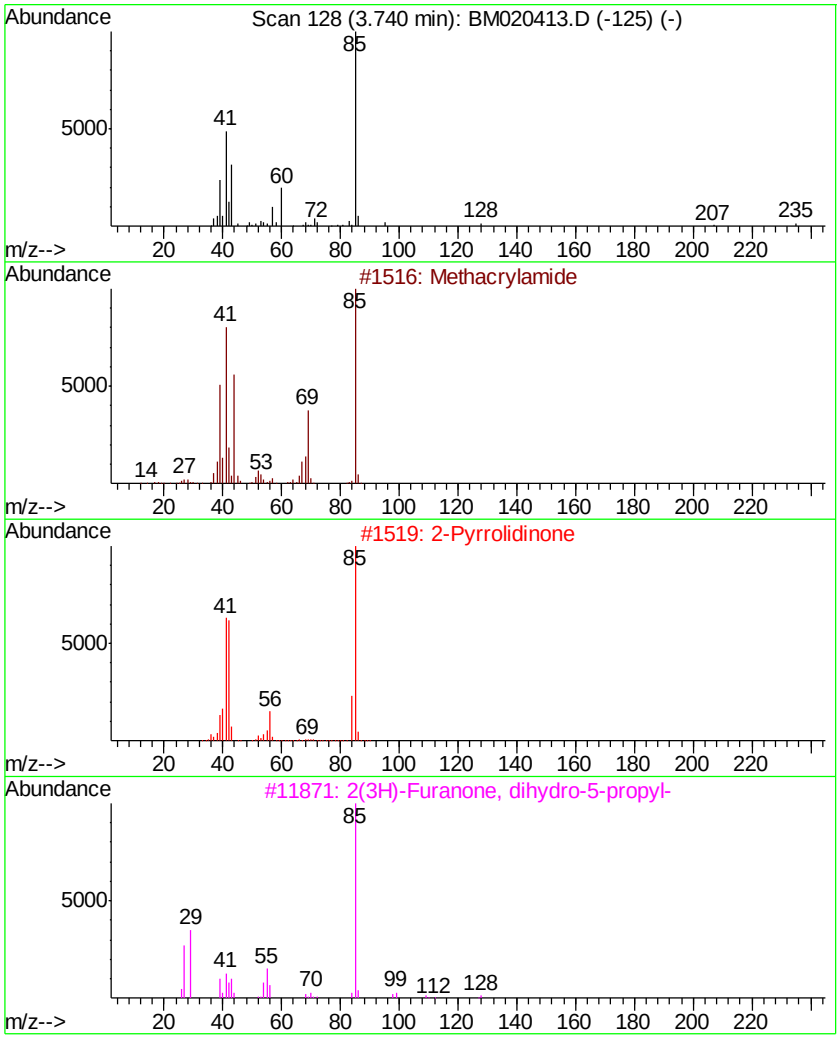
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

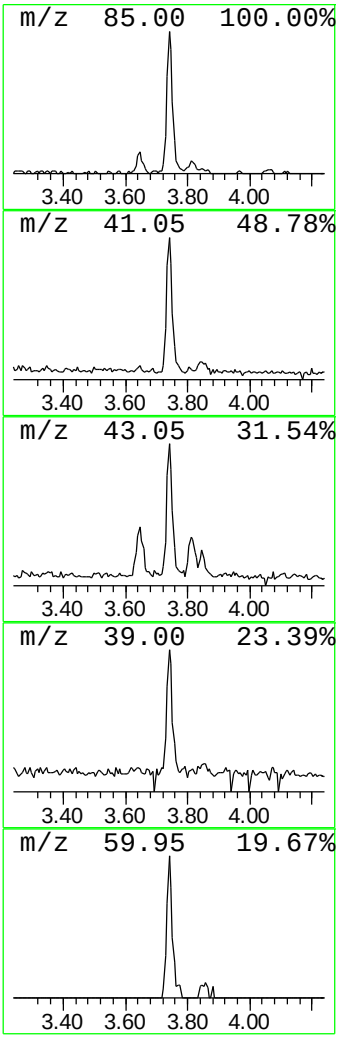
****

Peak Number 1 Methacrylamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	2.87 ng/ul	85415	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	52
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
3	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	36
4	2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	36
5	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020413.D
Acq On : 18 May 2019 23:53
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5160

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

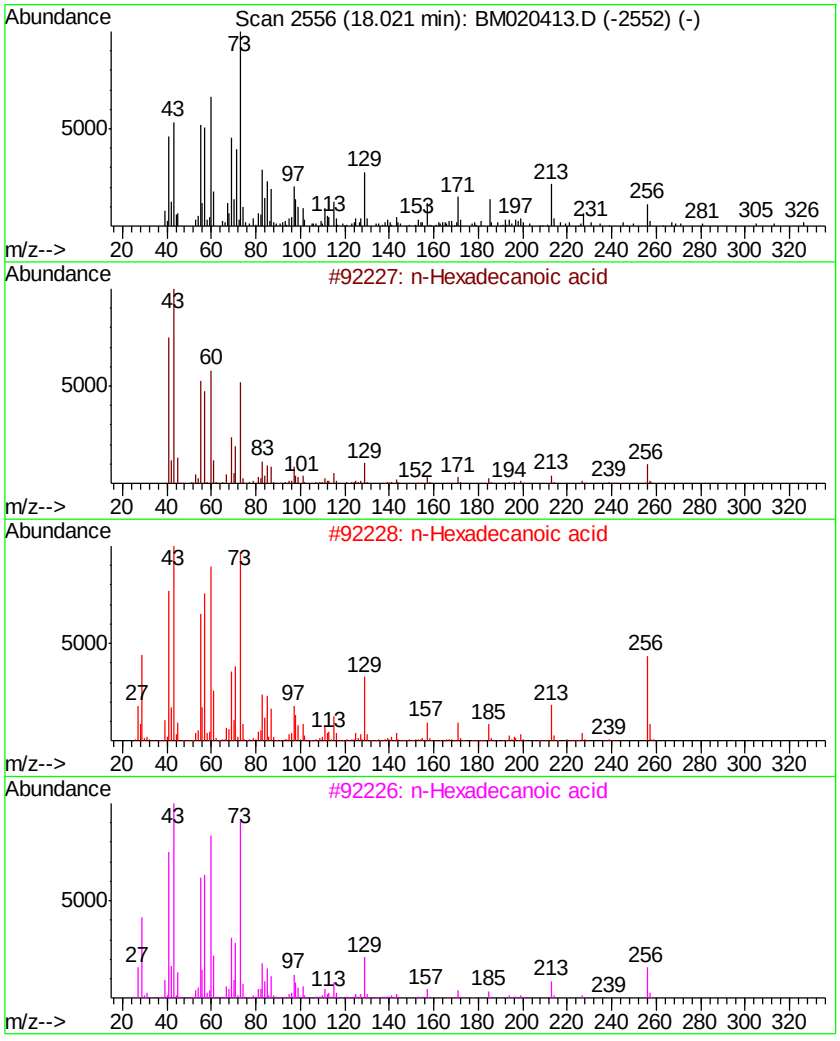
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

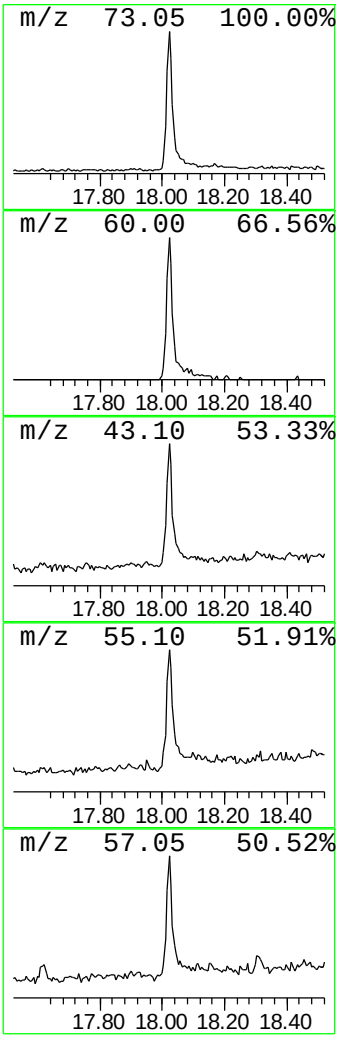
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	5.75 ng/ul	319619	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020413.D
Acq On : 18 May 2019 23:53
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5160

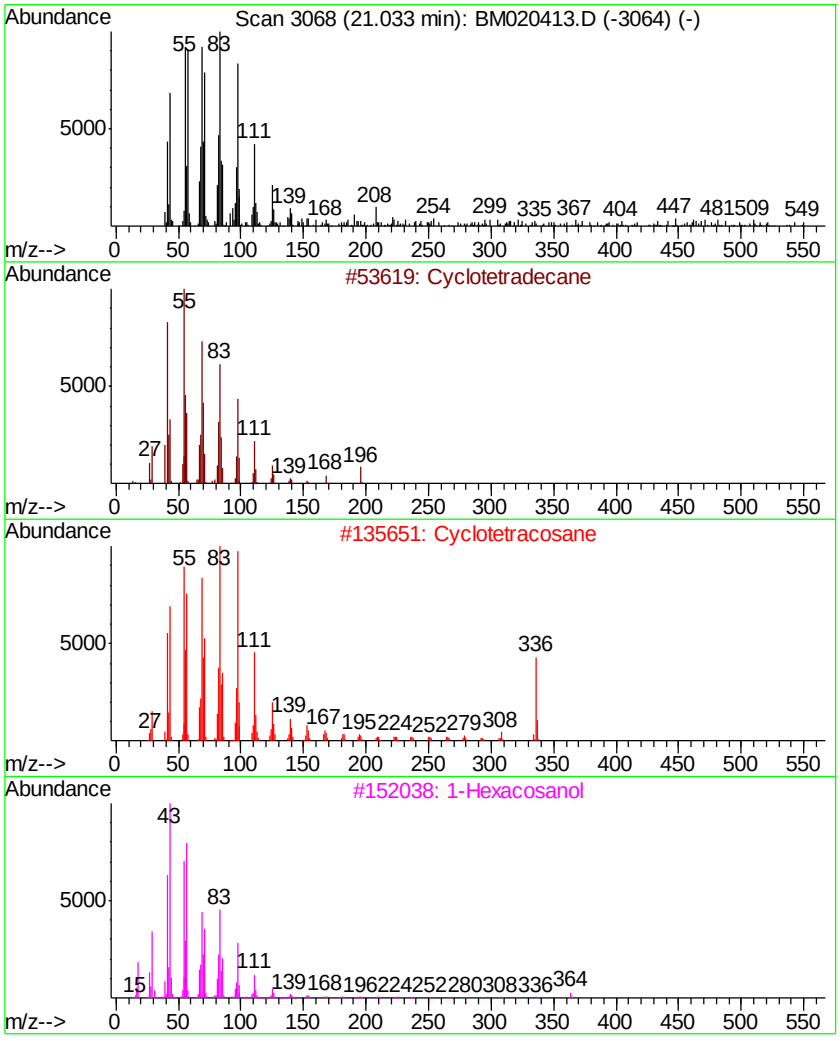
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

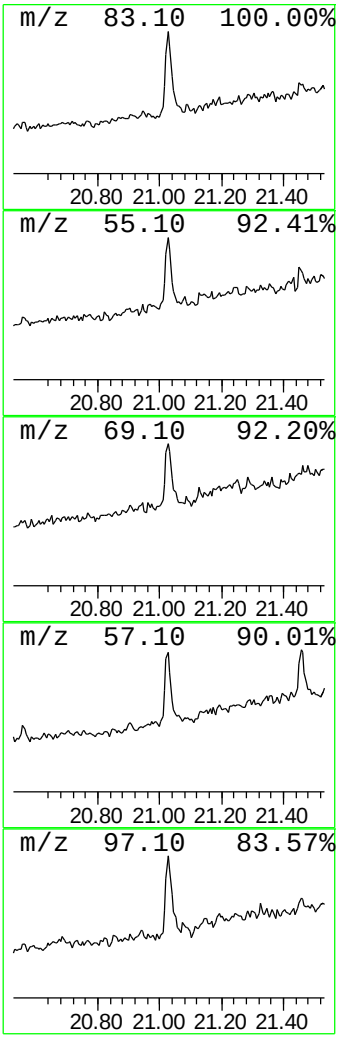
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	5.94 ng/ul	335246	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	99
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Hexacosanol	382	C26H54O	000506-52-5	87
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051819\
Data File : BM020413.D
Acq On : 18 May 2019 23:53
Operator : JU/SJ
Sample : K2690-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A5160

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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
Methacrylamide	3.74	2.9	ng/ul	85415	1	7.74	595819	20.0
n-Hexadecanoic acid	18.02	5.8	ng/ul	319619	4	17.14	1111760	20.0
(DEL) Alkane: Str...	21.03	5.9	ng/ul	335246	5	21.33	1128990	20.0