LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB3Q4

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-BM091018MA.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	3.022	3	6	19	rVB	2269699	2750489	73.49%	7.255%
2	3.893	149	154	159	rVB3	14485	24024	0.64%	0.063%
3	4.887	319	323	331	rVB4	10438	18195	0.49%	0.048%
4	5.193	372	375	377	rBV2	3973	4187	0.11%	0.011%
5	5.846	481	486	492	rVB4	6906	12017	0.32%	0.032%
6	5.963	502	506	510	rBV5	2470	4538	0.12%	0.012%
7	6.340	567	570	572	rBV3	2988	3969	0.11%	0.010%
8	6.722	630	635	642	rBV6	7270	16201	0.43%	0.043%
9	6.893	658	664	675	rVB2	131053	257806	6.89%	0.680%
10	7.069	688	694	702	rBV	363229	545107	14.56%	1.438%
11	7.263	720	727	734	rBV	400199	625246	16.70%	1.649%
12	7.728	798	806	814	rBV	975621	1524094	40.72%	4.020%
13	7.792	814	817	824	rVB4	12028	17977	0.48%	0.047%
14	8.040	857	859	864	rVB3	4216	5310	0.14%	0.014%
15	8.122	872	873	878	rVB3	3064	3797	0.10%	0.010%
16	8.428	918	925	933	rBV	325304	511003	13.65%	1.348%
17	8.875	992	1001	1010	rBV	389469	632137	16.89%	1.667%
18	8.987	1017	1020	1026	rVB5	5533	7533	0.20%	0.020%
19	9.045	1028	1030	1034	rBV4	4148	6129	0.16%	0.016%
20	9.304	1069	1074	1079	rVB2	8689	12537	0.33%	0.033%
21	9.592	1117	1123	1133	rBV	249194	403741	10.79%	1.065%
22	10.128	1205	1214	1223	rBV	494794	795527	21.25%	2.098%
23	10.510	1271	1279	1287	rBV	1253590	2127790	56.85%	5.612%
24	10.645	1296	1302	1311	rVB2	26174	46319	1.24%	0.122%
25	10.869	1335	1340	1346	rBV6	6313	11841	0.32%	0.031%
26	11.057	1367	1372	1376	rBV3	5693	9736	0.26%	0.026%
27	11.116	1378	1382	1386	rVV2	5647	8698	0.23%	0.023%
28	11.163	1386	1390	1393	rVB3	4473	6376	0.17%	0.017%
29	11.545	1452	1455	1459	rVB3	2938	3765	0.10%	0.010%
30	11.804	1493	1499	1502	rBV2	3369	5809	0.16%	0.015%
31	12.098	1544	1549	1554	rVB2	6819	11336	0.30%	0.030%
32	12.722	1651	1655	1659	rVB3	6602	9377	0.25%	0.025%
33	12.980	1694	1699	1706	rVB6	6834	10478	0.28%	0.028%
34	13.333	1755	1759	1762	rBV4	3670	4957	0.13%	0.013%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB3Q4

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-BM091018MA.M
Title : SVOA CALIBRATION

35	13.780	1829	1835	1839	rBV	828850	1120937	29.95%	2.957%
36	13.827	1839	1843	1849	rVB	1127197	1496765	39.99%	3.948%
37	14.057	1873	1882	1890	rBV	875038	1279428	34.18%	3.375%
38	14.369	1928	1935	1943	rVV2	1660071	2616939	69.92%	6.902%
39	14.557	1961	1967	1973	rBV	75480	117962	3.15%	0.311%
40	14.598	1973	1974	1977	rVV2	8286	5903	0.16%	0.016%
41	14.645	1977	1982	1986	rVB2	19961	28066	0.75%	0.074%
42	14.786	2003	2006	2014	rVB5	4335	8486	0.23%	0.022%
43	14.969	2034	2037	2040	rVB3	3572	4081	0.11%	0.011%
44	15.192	2069	2075	2079	rBV5	7625	15033	0.40%	0.040%
45	15.233	2079	2082	2086	rVB3	11000	13715	0.37%	0.036%
46	15.363	2097	2104	2111	rBV	1216237	1724944	46.09%	4.550%
47	15.474	2117	2123	2129	rBV	201376	275314	7.36%	0.726%
48	15.604	2141	2145	2147	rBV3	12864	16826	0.45%	0.044%
49	15.639	2147	2151	2156	rVB5	6618	11248	0.30%	0.030%
50	15.792	2174	2177	2180	rVB4	3769	4508	0.12%	0.012%
51	16.039	2215	2219	2220	rBV3	3642	4309	0.12%	0.011%
52	16.051	2220	2221	2225	rVB4	4541	5616	0.15%	0.015%
53	16.104	2225	2230	2238	rBV4	22578	51418	1.37%	0.136%
54	16.268	2254	2258	2262	rVV6	7329	10137	0.27%	0.027%
55	16.451	2284	2289	2296	rBV7	6161	13138	0.35%	0.035%
56	16.515	2296	2300	2306	rBV6	11803	21198	0.57%	0.056%
57	16.680	2325	2328	2330	rBV3	4703	6894	0.18%	0.018%
58	16.892	2360	2364	2369	rVV2	39623	53299	1.42%	0.141%
59	16.951	2369	2374	2377	rVV4	10431	17226	0.46%	0.045%
60	17.115	2394	2402	2411	rBV	2180280	3045796	81.38%	8.034%
61	17.210	2412	2418	2427	rBV2	1318706	1811022	48.39%	4.777%
62	17.368	2440	2445	2449	rBV8	6452	12728	0.34%	0.034%
63	17.421	2450	2454	2460	rVB8	6114	12817	0.34%	0.034%
64	17.633	2486	2490	2493	rVB	21983	25290	0.68%	0.067%
65	17.798	2514	2518	2520	rBV5	3113	4318	0.12%	0.011%
66	18.021	2551	2556	2564	rBV	243510	346947	9.27%	0.915%
67	18.327	2605	2608	2611	rVB5	8930	9156	0.24%	0.024%
68	18.886	2701	2703	2706	rVB4	7364	8902	0.24%	0.023%
69	19.139	2742	2746	2747	rBV3	15042	17983	0.48%	0.047%
70	19.304	2770	2774	2781	rBV3	70140	108299	2.89%	0.286%
71	19.392	2787	2789	2794	rVB3	12912	14253	0.38%	0.038%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB3Q4

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-BM091018MA.M
Title : SVOA CALIBRATION

72	19.509	2803	2809	2818	rBV	1530198	2121065	56.67%	5.594%
73	21.027	3063	3067	3075	rBV	402172	574718	15.35%	1.516%
74	21.303	3108	3114	3119	rBV	2795115	3699010	98.83%	9.756%
75	21.474	3141	3143	3148	rBV3	65636	73884	1.97%	0.195%
76	21.915	3215	3218	3223	rBV2	105485	133131	3.56%	0.351%
77	22.380	3294	3297	3302	rBV	140109	171336	4.58%	0.452%
78	22.892	3381	3384	3389	rVB	176454	224407	6.00%	0.592%
79	23.397	3464	3470	3476	rBV	1126520	2074209	55.42%	5.471%
80	23.468	3478	3482	3487	rVV2	193261	319884	8.55%	0.844%
81	23.539	3488	3494	3504	rVB2	1967412	3742895	100.00%	9.872%

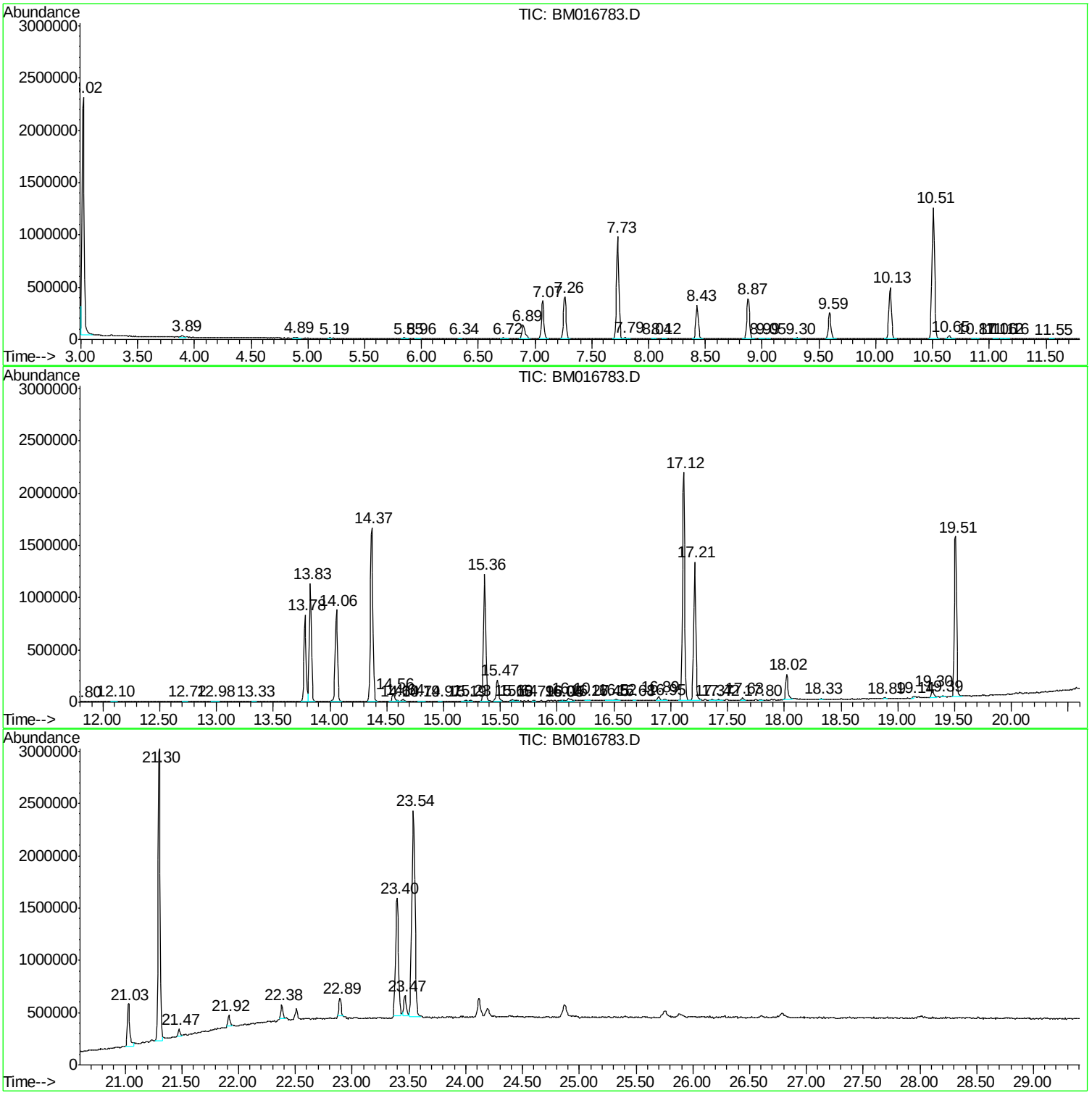
Sum of corrected areas: 37913486

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DB3Q4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB3Q4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

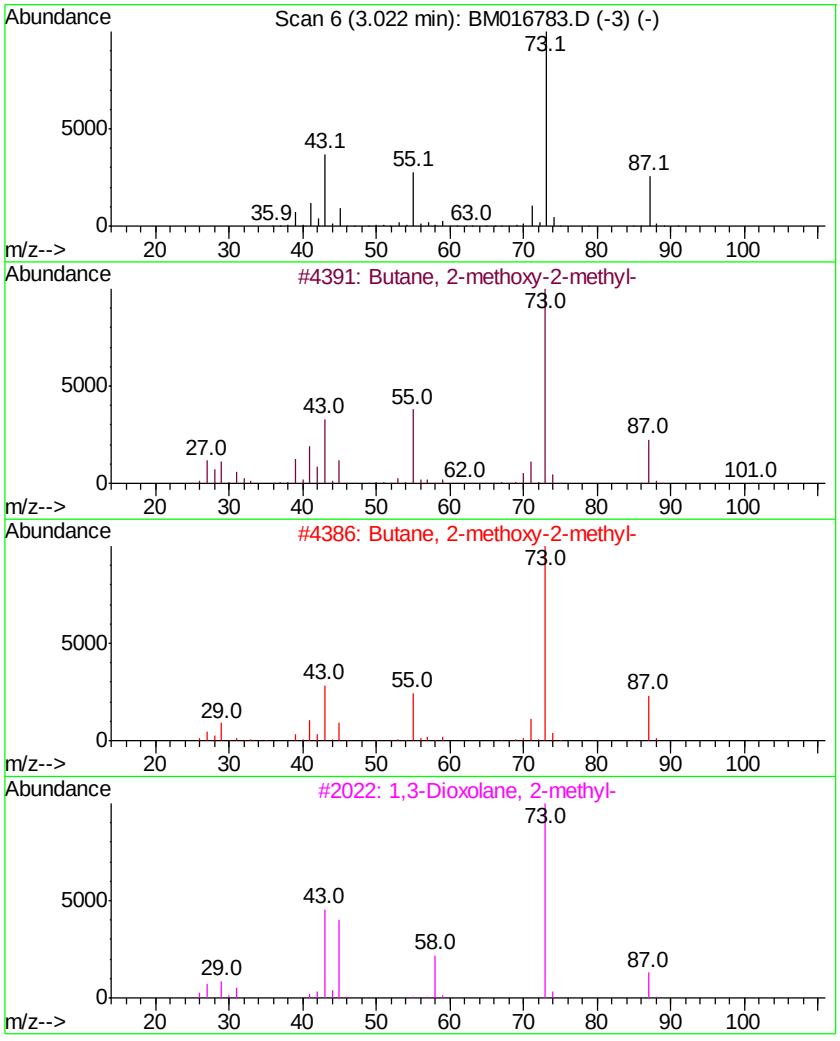
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

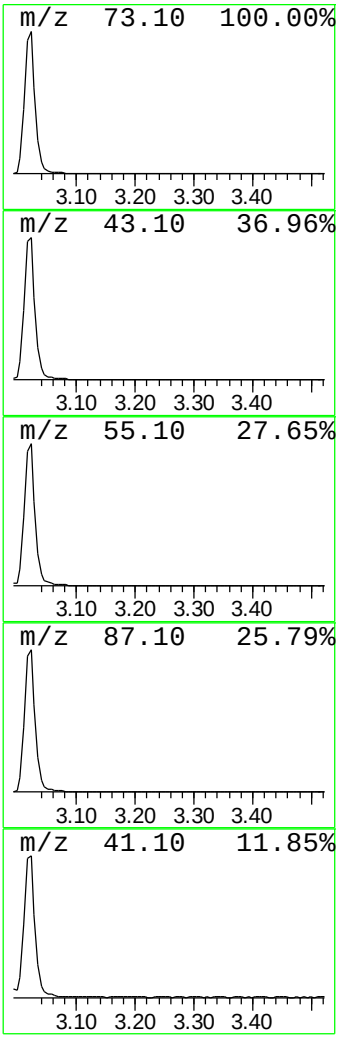
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	36.09 ng/ul	2750490	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB3Q4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

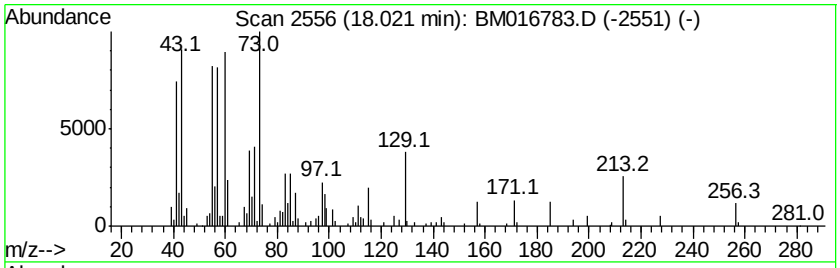
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

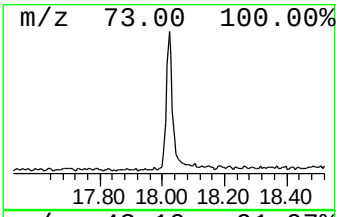
****

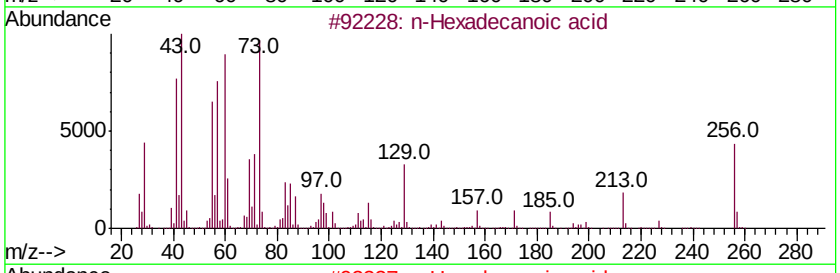
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

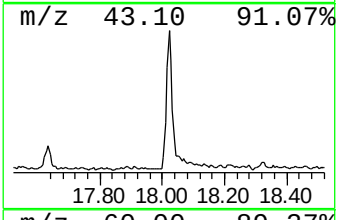
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.28 ng/ul	346947	Phenanthrene-d10	17.12

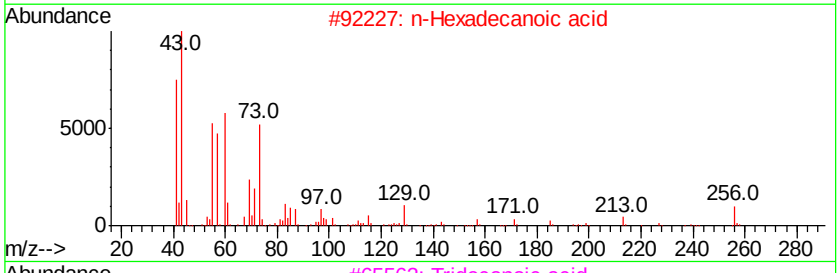
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62

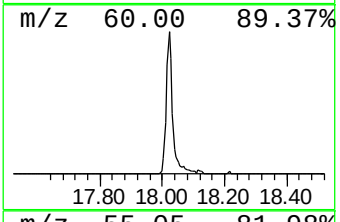


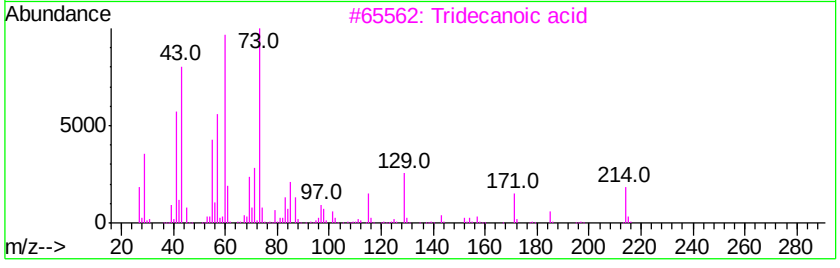


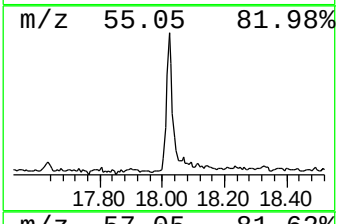


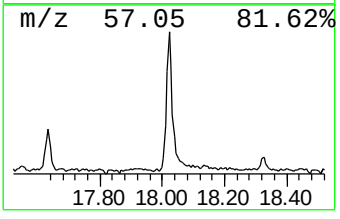












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB3Q4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

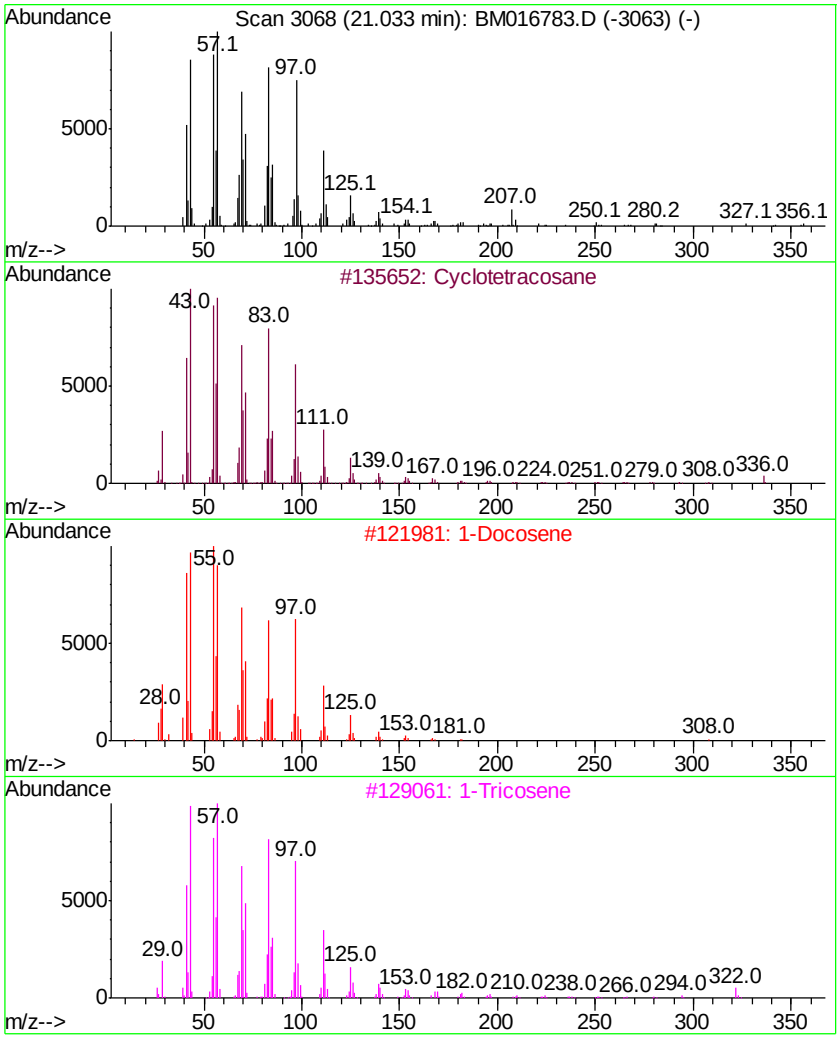
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

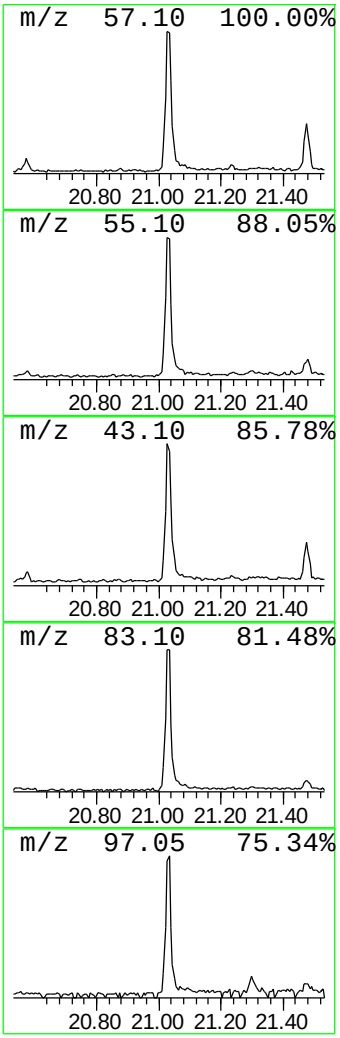
****

Peak Number 3 (DEL) Alkane: Cyclic21.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.11 ng/ul	574718	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091718\
Data File : BM016783.D
Acq On : 18 Sep 2018 00:30
Operator : SJ/JU
Sample : J4868-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB3Q4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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...	3.02	36.1	ng/ul	2750490	1	7.73	1524090	20.0
n-Hexadecanoic acid	18.02	2.3	ng/ul	346947	4	17.12	3045800	20.0
(DEL) Alkane: Cyc...	21.03	3.1	ng/ul	574718	5	21.30	3699010	20.0