LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

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-BM061419MA.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	3.034	4	8	24	rVB	1801097	2465905	43.43%	3.799%
2	3.299	50	53	59	rVB2	28415	42035	0.74%	0.065%
3	4.916	326	328	331	rVB	9300	8224	0.14%	0.013%
4	6.475	589	593	596	rVB3	5105	7490	0.13%	0.012%
5	6.781	641	645	649	rVB4	6887	11991	0.21%	0.018%
6	6.951	668	674	686	rVB	706031	1118054	19.69%	1.723%
7	7.128	698	704	713	rVB	550636	830622	14.63%	1.280%
8	7.322	730	737	746	rVB	708082	1117735	19.69%	1.722%
9	7.787	809	816	824	rBV	845600	1348567	23.75%	2.078%
10	8.487	929	935	947	rBV	848133	1386370	24.42%	2.136%
11	8.616	955	957	962	rVB3	6836	7945	0.14%	0.012%
12	8.951	1006	1014	1025	rBV	711020	1177158	20.73%	1.814%
13	9.040	1027	1029	1035	rVV4	4486	7805	0.14%	0.012%
14	9.104	1036	1040	1045	rVB5	5284	7268	0.13%	0.011%
15	9.669	1128	1136	1145	rBV	599404	989422	17.43%	1.524%
16	10.198	1219	1226	1237	rBV	1011834	1686183	29.70%	2.598%
17	10.575	1282	1290	1299	rBV	1276339	2136763	37.63%	3.292%
18	10.722	1307	1315	1331	rBV	783248	1368235	24.10%	2.108%
19	11.363	1422	1424	1431	rVB5	4434	7238	0.13%	0.011%
20	11.492	1442	1446	1448	rBV2	5695	7144	0.13%	0.011%
21	12.086	1541	1547	1552	rBV4	5355	9438	0.17%	0.015%
22	12.169	1557	1561	1566	rVB3	15088	23148	0.41%	0.036%
23	12.775	1660	1664	1668	rVB3	6050	8609	0.15%	0.013%
24	13.027	1703	1707	1715	rBV5	10999	19264	0.34%	0.030%
25	13.292	1746	1752	1754	rBV5	7399	10530	0.19%	0.016%
26	13.380	1762	1767	1773	rVB7	3996	10047	0.18%	0.015%
27	13.739	1824	1828	1831	rBV4	6049	7138	0.13%	0.011%
28	13.839	1835	1845	1849	rBV	2150416	2928068	51.57%	4.511%
29	13.886	1849	1853	1859	rVB	435913	596715	10.51%	0.919%
30	14.069	1881	1884	1886	rBV4	7036	7908	0.14%	0.012%
31	14.122	1886	1893	1904	rVB	2277245	3390006	59.71%	5.223%
32	14.427	1939	1945	1952	rBV2	2105650	3244496	57.14%	4.999%
33	14.480	1952	1954	1958	rVB4	12144	14445	0.25%	0.022%
34	14.627	1973	1979	1994	rBV	642769	1069739	18.84%	1.648%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
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Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

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-BM061419MA.M
Title : SVOA CALIBRATION

35	14.804	2005	2009	2011	rBV5	6404	10477	0.18%	0.016%
36	14.857	2013	2018	2023	rVB6	15363	30827	0.54%	0.047%
37	15.221	2073	2080	2084	rBV	46297	66372	1.17%	0.102%
38	15.257	2085	2086	2092	rVB4	7628	11122	0.20%	0.017%
39	15.421	2107	2114	2123	rBV	3303900	4507202	79.38%	6.944%
40	15.545	2128	2135	2147	rBV	741180	1046936	18.44%	1.613%
41	15.663	2150	2155	2162	rVB2	37749	55984	0.99%	0.086%
42	15.833	2180	2184	2187	rVB3	5078	8185	0.14%	0.013%
43	15.916	2196	2198	2201	rVB2	6531	5919	0.10%	0.009%
44	16.139	2231	2236	2242	rVV4	11822	21333	0.38%	0.033%
45	16.198	2244	2246	2250	rVB4	4735	6030	0.11%	0.009%
46	16.316	2261	2266	2271	rVB4	19375	27816	0.49%	0.043%
47	16.568	2306	2309	2314	rBV7	5855	8350	0.15%	0.013%
48	16.615	2314	2317	2321	rBV5	7366	12234	0.22%	0.019%
49	16.921	2366	2369	2372	rBV5	12020	15322	0.27%	0.024%
50	16.963	2372	2376	2380	rVB2	8887	16013	0.28%	0.025%
51	17.063	2388	2393	2401	rBV7	17903	35169	0.62%	0.054%
52	17.121	2401	2403	2406	rBV2	5372	6181	0.11%	0.010%
53	17.174	2406	2412	2418	rVV	2886195	4071341	71.71%	6.273%
54	17.274	2422	2429	2438	rBV	3323204	4793961	84.44%	7.386%
55	17.462	2457	2461	2464	rBV3	4426	6518	0.11%	0.010%
56	17.662	2491	2495	2498	rBV4	9979	11822	0.21%	0.018%
57	17.798	2516	2518	2522	rVV5	9335	8089	0.14%	0.012%
58	17.839	2522	2525	2529	rVB4	9597	11600	0.20%	0.018%
59	17.939	2537	2542	2548	rBV7	25823	44053	0.78%	0.068%
60	17.998	2549	2552	2555	rBV4	27388	31215	0.55%	0.048%
61	18.062	2558	2563	2573	rBV	500670	763264	13.44%	1.176%
62	18.357	2607	2613	2617	rBV6	24162	39559	0.70%	0.061%
63	18.557	2643	2647	2651	rBV6	16062	21642	0.38%	0.033%
64	18.833	2692	2694	2695	rBV2	8112	6452	0.11%	0.010%
65	18.915	2706	2708	2713	rBV6	10842	14239	0.25%	0.022%
66	18.986	2713	2720	2723	rBV6	31008	70245	1.24%	0.108%
67	19.198	2752	2756	2758	rBV2	67860	90902	1.60%	0.140%
68	19.227	2758	2761	2769	rVB	132427	237030	4.17%	0.365%
69	19.339	2776	2780	2794	rBV2	192794	325631	5.74%	0.502%
70	19.451	2796	2799	2806	rVB	32668	54125	0.95%	0.083%
71	19.568	2812	2819	2831	rBV	4027105	5677676	100.00%	8.748%

LSC Area Percent Report

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Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

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-BM061419MA.M
Title : SVOA CALIBRATION

72	19.798	2855	2858	2862	rVB	36906	42011	0.74%	0.065%
73	20.074	2902	2905	2907	rBV3	25433	31982	0.56%	0.049%
74	20.104	2907	2910	2916	rVB3	44925	54106	0.95%	0.083%
75	20.345	2946	2951	2956	rBV	165965	232082	4.09%	0.358%
76	20.556	2983	2987	2990	rBV3	102351	135657	2.39%	0.209%
77	20.598	2992	2994	2998	rVB	77487	79652	1.40%	0.123%
78	21.056	3068	3072	3079	rBV	623046	798887	14.07%	1.231%
79	21.356	3117	3123	3128	rBV	3208868	4136183	72.85%	6.373%
80	21.498	3144	3147	3151	rVB	173632	174462	3.07%	0.269%
81	21.815	3198	3201	3207	rBV2	126209	178428	3.14%	0.275%
82	21.939	3219	3222	3224	rBV	242456	303490	5.35%	0.468%
83	22.409	3298	3302	3307	rBV	283719	373086	6.57%	0.575%
84	22.921	3385	3389	3393	rBV	338256	496827	8.75%	0.765%
85	23.486	3479	3485	3499	rVB	2514189	4913592	86.54%	7.570%
86	23.633	3503	3510	3524	rVB	1913061	3712186	65.38%	5.719%

Sum of corrected areas: 64905172

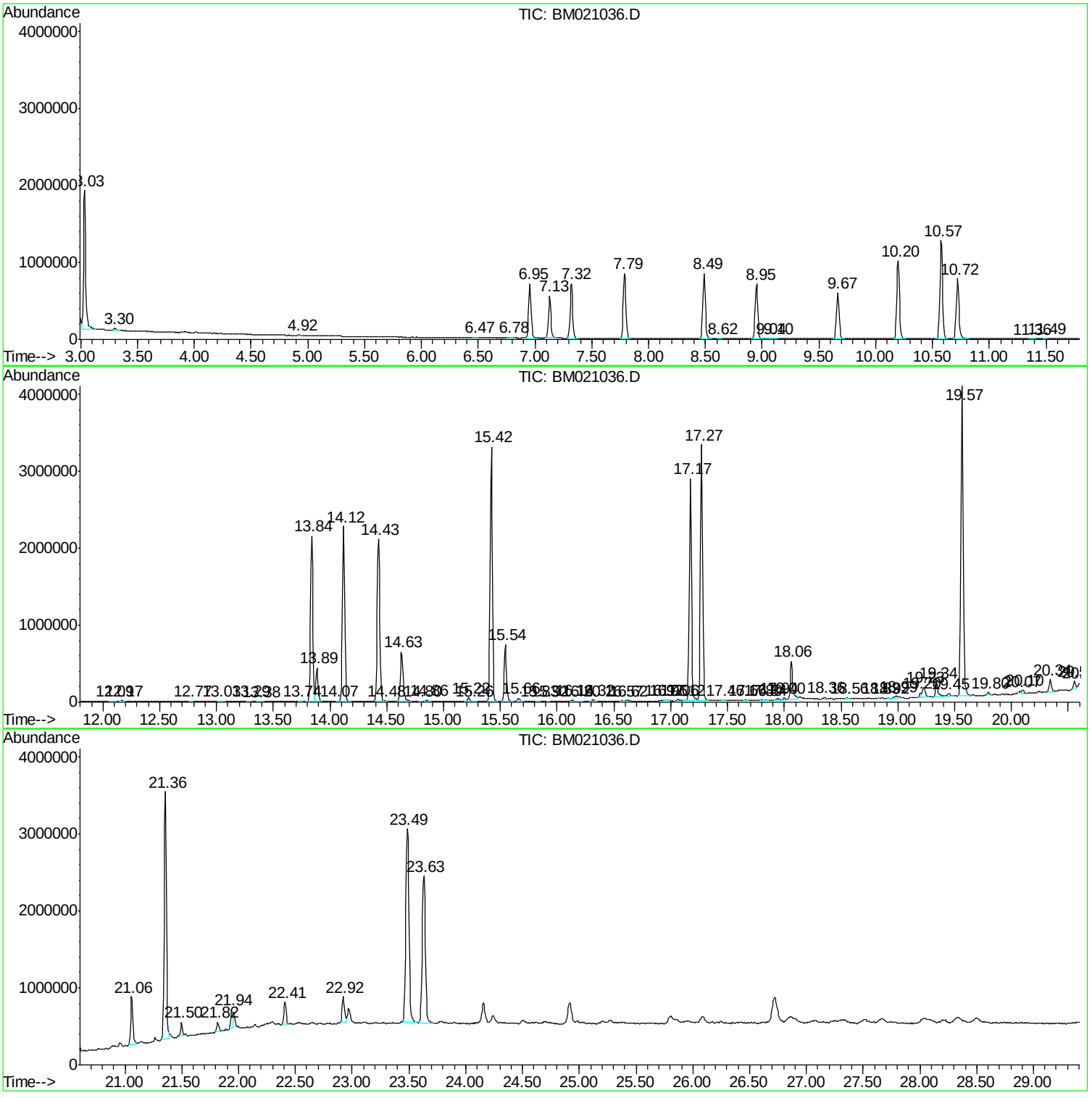
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM061919\
Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

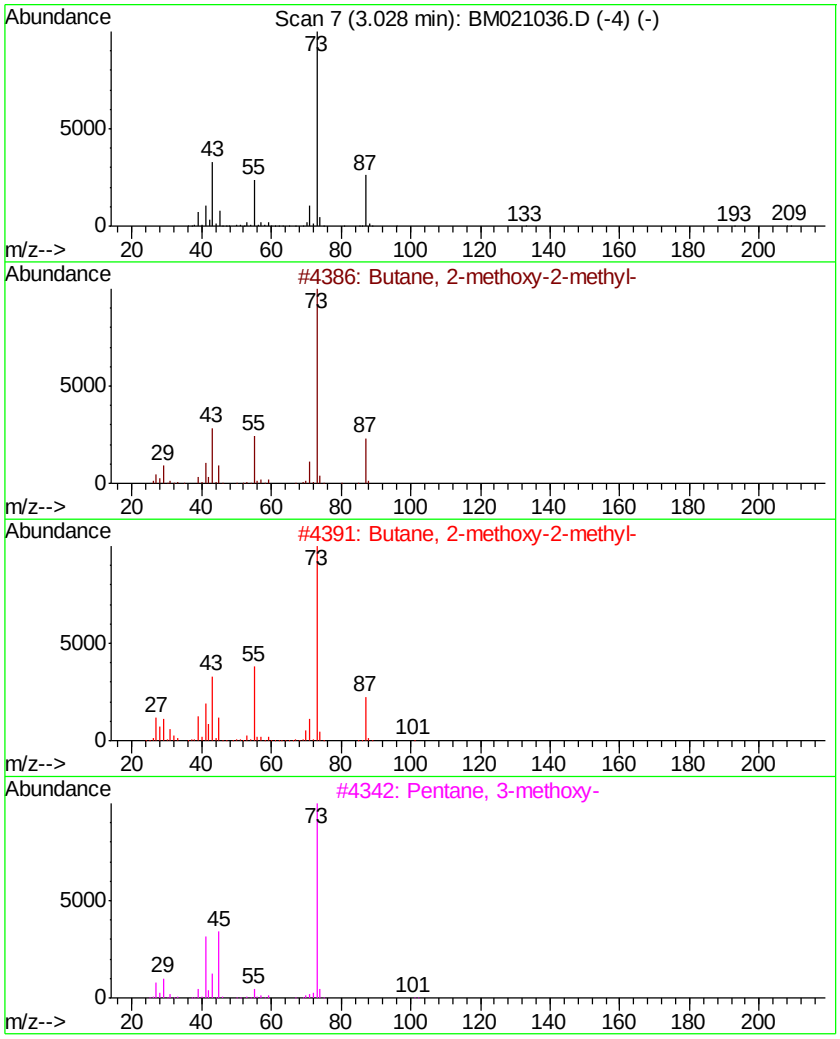
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

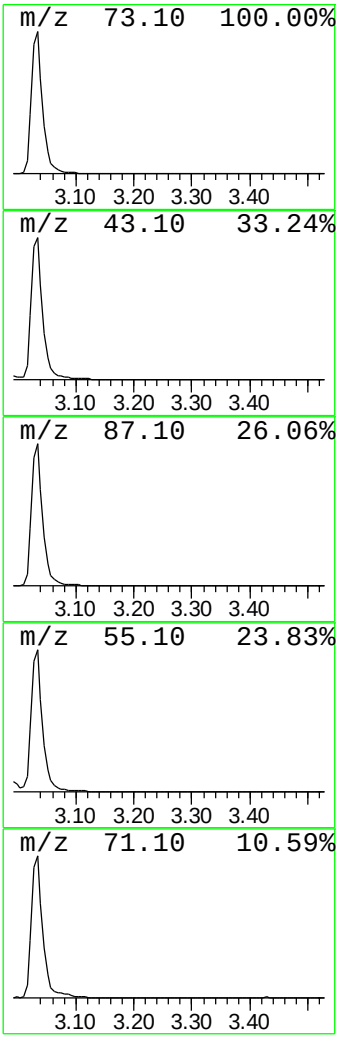
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	36.57 ng/ul	2465910	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

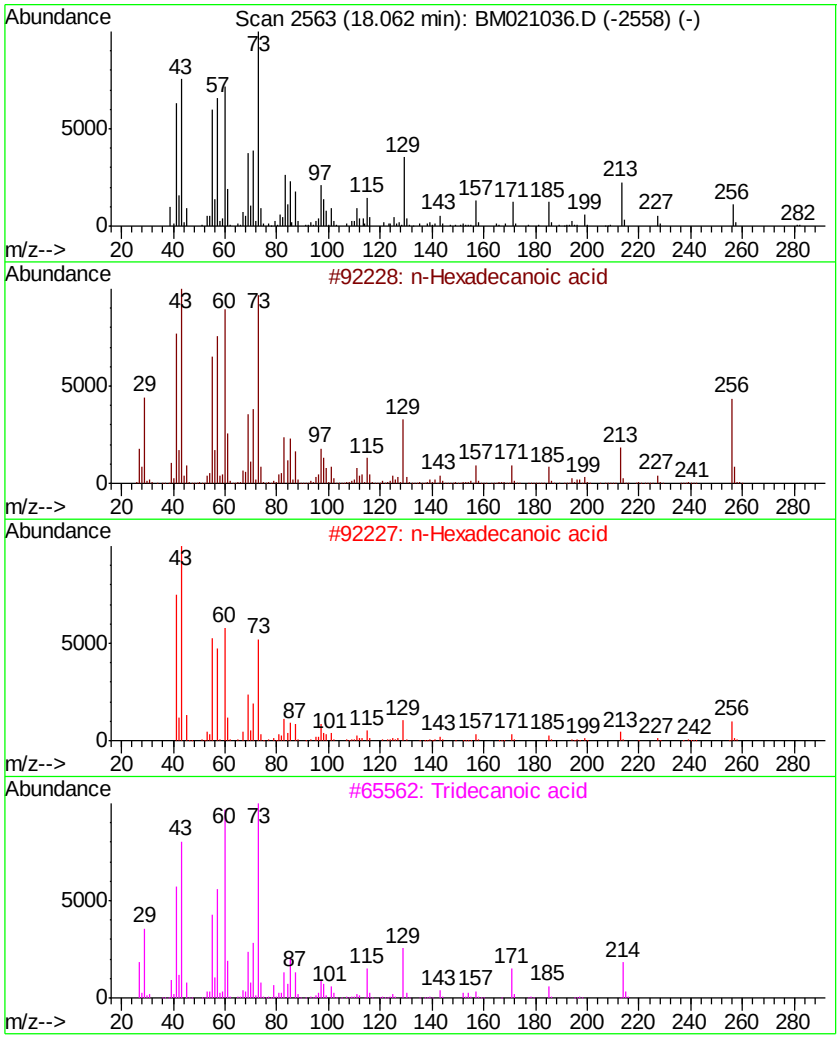
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

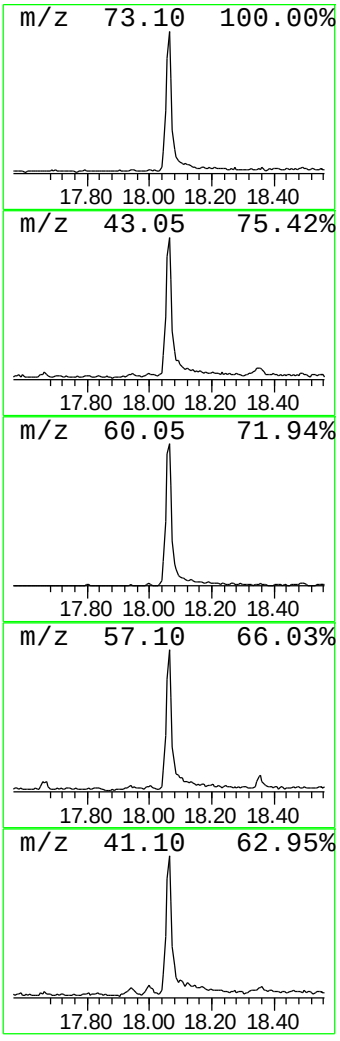
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.75 ng/ul	763264	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	78
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

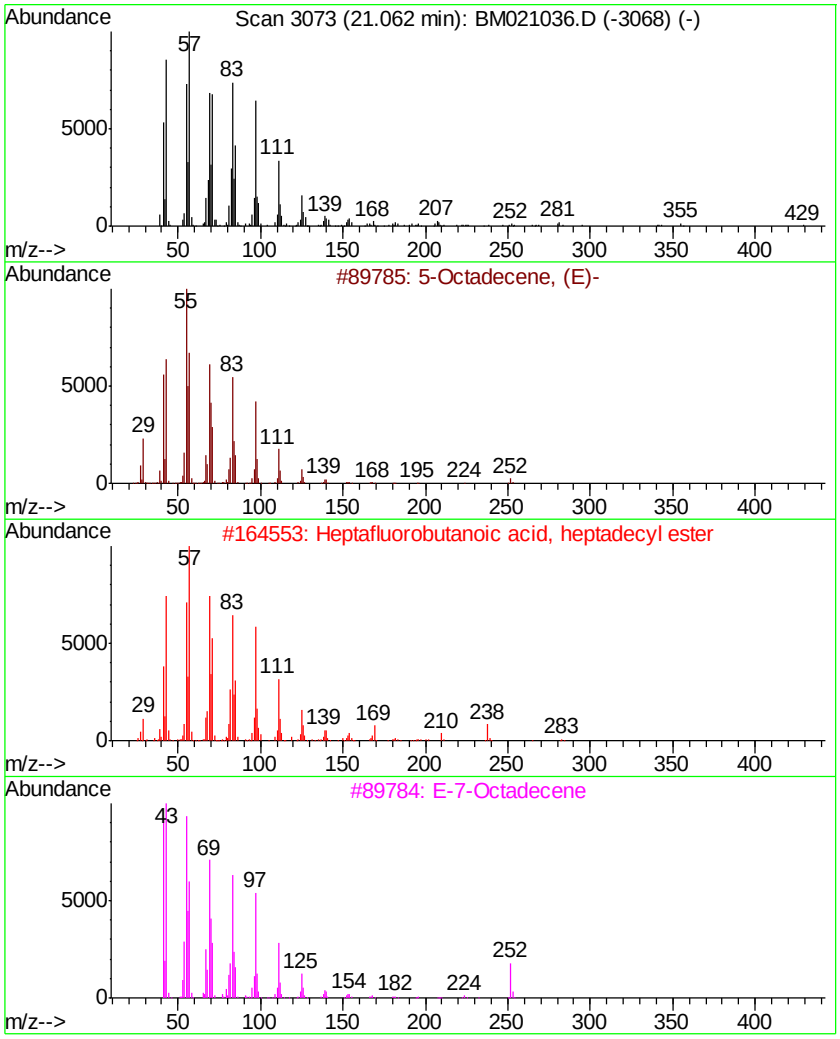
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

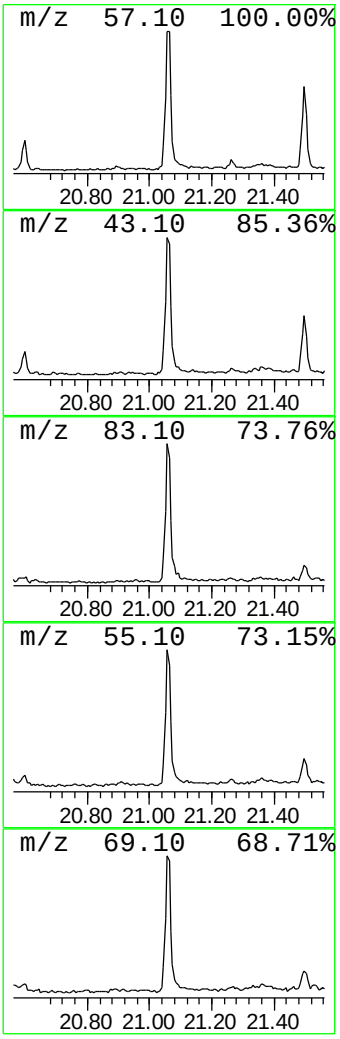
****

Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.86 ng/ul	798887	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	E-7-Octadecene	252	C18H36	1000130-92-0	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

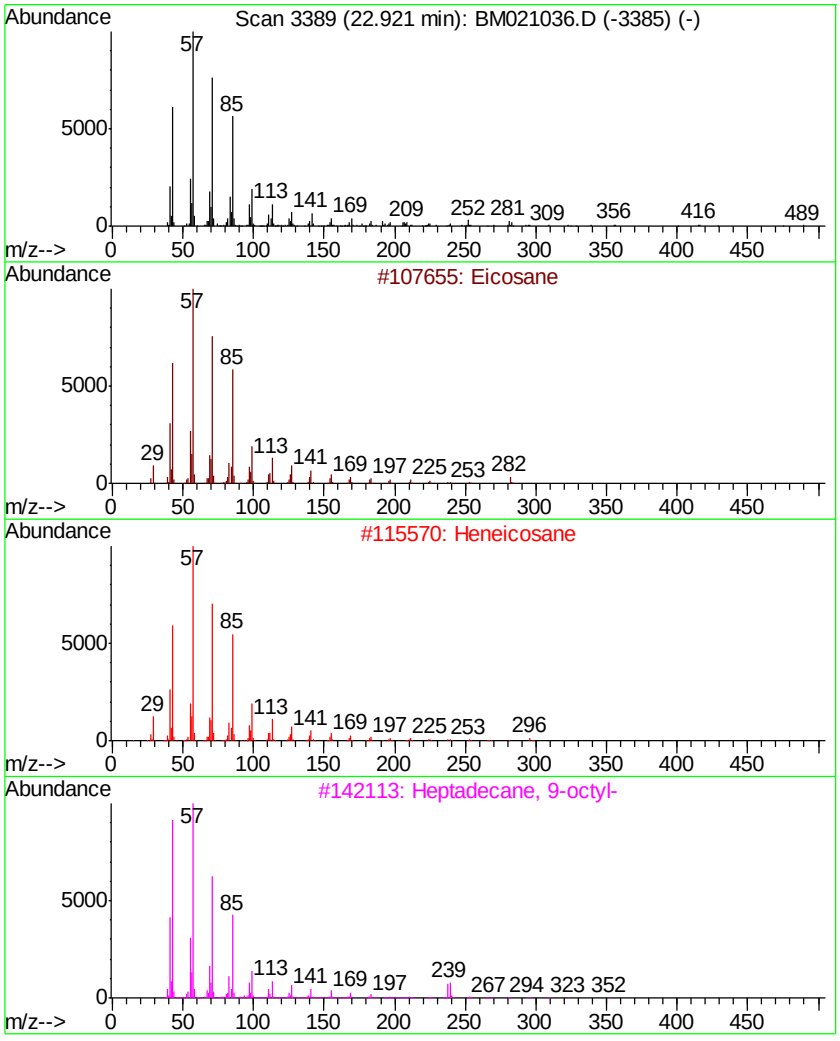
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

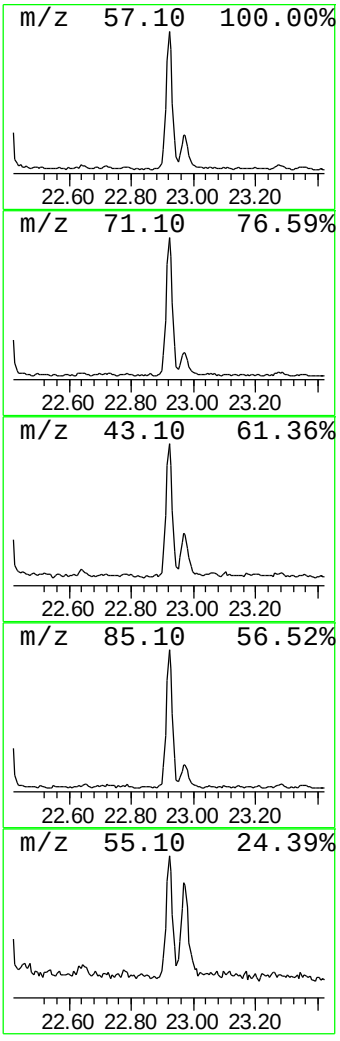
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	2.68 ng/ul	496827	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Nonacosane	408	C29H60	000630-03-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061919\
Data File : BM021036.D
Acq On : 19 Jun 2019 14:06
Operator : HP/JU
Sample : K3332-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4233

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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...	3.03	36.6	ng/ul	2465910	1	7.79	1348570	20.0
n-Hexadecanoic acid	18.06	3.8	ng/ul	763264	4	17.17	4071340	20.0
(DEL) Alkane: Cyc...	21.06	3.9	ng/ul	798887	5	21.36	4136180	20.0
(DEL) Alkane: Str...	22.92	2.7	ng/ul	496827	6	23.63	3712190	20.0