LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

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-BM090519MA.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	5	10	34	rVB	2460530	3712105	35.98%	3.846%
2	3.304	50	54	68	rVB	68906	114135	1.11%	0.118%
3	3.963	161	166	172	rVB2	18789	31634	0.31%	0.033%
4	4.051	177	181	190	rVB	17858	28595	0.28%	0.030%
5	6.516	596	600	607	rBV7	5322	10954	0.11%	0.011%
6	7.010	677	684	698	rVB2	321241	592793	5.75%	0.614%
7	7.181	705	713	726	rBV	959916	1562316	15.14%	1.619%
8	7.386	741	748	758	rBV	1110258	1740484	16.87%	1.803%
9	7.857	820	828	836	rBV	1199450	1925237	18.66%	1.995%
10	7.928	836	840	850	rVB3	10913	19839	0.19%	0.021%
11	8.551	939	946	959	rBV	905129	1421981	13.78%	1.473%
12	9.004	1015	1023	1038	rBV	1252646	2035549	19.73%	2.109%
13	9.469	1096	1102	1107	rBV	20470	32135	0.31%	0.033%
14	9.727	1139	1146	1159	rBV	903016	1452409	14.08%	1.505%
15	10.263	1230	1237	1250	rBV	1580926	2572621	24.93%	2.665%
16	10.651	1295	1303	1311	rBV	1774361	2970776	28.79%	3.078%
17	10.774	1317	1324	1333	rBV	290776	491250	4.76%	0.509%
18	11.969	1521	1527	1533	rBV	35564	52533	0.51%	0.054%
19	12.239	1567	1573	1577	rVV	26109	37640	0.36%	0.039%
20	12.286	1577	1581	1586	rVB3	16112	25949	0.25%	0.027%
21	12.445	1601	1608	1612	rBV7	4319	10351	0.10%	0.011%
22	12.533	1620	1623	1630	rVB5	8508	15317	0.15%	0.016%
23	12.733	1652	1657	1665	rVB7	4941	11618	0.11%	0.012%
24	12.845	1670	1676	1681	rVV4	13075	25987	0.25%	0.027%
25	12.904	1681	1686	1691	rBV6	6560	12123	0.12%	0.013%
26	13.116	1716	1722	1729	rBV6	11417	31139	0.30%	0.032%
27	13.333	1754	1759	1766	rVB4	11888	20801	0.20%	0.022%
28	13.686	1812	1819	1822	rBV6	6695	12541	0.12%	0.013%
29	13.892	1848	1854	1859	rBV	3334456	4492609	43.54%	4.654%
30	13.939	1859	1862	1874	rVB	278751	396401	3.84%	0.411%
31	14.033	1874	1878	1883	rBV7	7746	11606	0.11%	0.012%
32	14.180	1891	1903	1910	rBV	3761828	5431486	52.64%	5.627%
33	14.286	1918	1921	1927	rVB8	6886	11334	0.11%	0.012%
34	14.404	1937	1941	1945	rVB3	8431	12191	0.12%	0.013%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

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-BM090519MA.M
Title : SVOA CALIBRATION

35	14.486	1945	1955	1973	rBV	2948930	4398270	42.63%	4.557%
36	14.657	1978	1984	1991	rBV	373314	552119	5.35%	0.572%
37	14.833	2008	2014	2015	rBV6	7170	11871	0.12%	0.012%
38	14.904	2022	2026	2028	rBV4	19304	26242	0.25%	0.027%
39	15.009	2040	2044	2054	rVB4	42652	67237	0.65%	0.070%
40	15.092	2054	2058	2061	rBV5	6913	11476	0.11%	0.012%
41	15.133	2061	2065	2069	rVB6	13672	19574	0.19%	0.020%
42	15.351	2097	2102	2106	rVB6	9918	14522	0.14%	0.015%
43	15.474	2116	2123	2135	rBV	4643962	6820820	66.11%	7.066%
44	15.580	2135	2141	2157	rBV	1294874	1761779	17.08%	1.825%
45	15.715	2160	2164	2169	rVV	58383	86188	0.84%	0.089%
46	15.757	2169	2171	2175	rVB5	13036	17196	0.17%	0.018%
47	16.015	2209	2215	2221	rBV10	9103	20228	0.20%	0.021%
48	16.156	2236	2239	2246	rVV9	11099	26488	0.26%	0.027%
49	16.209	2246	2248	2253	rVV5	9911	14219	0.14%	0.015%
50	16.262	2253	2257	2262	rVB5	23934	40711	0.39%	0.042%
51	16.633	2315	2320	2324	rVB7	7533	12852	0.12%	0.013%
52	16.904	2363	2366	2369	rVB4	10542	12350	0.12%	0.013%
53	17.009	2380	2384	2390	rBV2	21429	34783	0.34%	0.036%
54	17.221	2413	2420	2428	rBV2	3622443	5032141	48.77%	5.213%
55	17.321	2430	2437	2448	rVV	5687859	7893018	76.50%	8.177%
56	17.509	2466	2469	2472	rBV2	9176	11459	0.11%	0.012%
57	18.121	2568	2573	2582	rBV	422127	645656	6.26%	0.669%
58	18.433	2622	2626	2630	rVB6	11362	15710	0.15%	0.016%
59	19.062	2730	2733	2737	rVB4	11724	15256	0.15%	0.016%
60	19.245	2759	2764	2768	rBV	87428	126825	1.23%	0.131%
61	19.397	2786	2790	2802	rBV	191588	291624	2.83%	0.302%
62	19.492	2802	2806	2812	rVV	56204	83316	0.81%	0.086%
63	19.609	2820	2826	2834	rBV	7251382	9685505	93.88%	10.034%
64	20.127	2912	2914	2918	rBV5	15704	20914	0.20%	0.022%
65	20.168	2918	2921	2926	rVB	51143	56593	0.55%	0.059%
66	20.662	3002	3005	3009	rVB	88183	86068	0.83%	0.089%
67	21.115	3078	3082	3092	rBV2	520785	795129	7.71%	0.824%
68	21.391	3124	3129	3137	rBV	5039242	5973367	57.90%	6.188%
69	21.562	3154	3158	3162	rBV	273707	291132	2.82%	0.302%
70	22.009	3230	3234	3244	rBV	301827	397075	3.85%	0.411%
71	22.485	3311	3315	3326	rVB	390787	547414	5.31%	0.567%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

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-BM090519MA.M
Title : SVOA CALIBRATION

72	23.009	3399	3404	3412	rBV	411763	620940	6.02%	0.643%
73	23.538	3486	3494	3500	rBV	5705194	10317427	100.00%	10.689%
74	23.597	3500	3504	3510	rVV	438645	769781	7.46%	0.797%
75	23.680	3511	3518	3529	rVB2	3417575	6371748	61.76%	6.601%
76	24.274	3614	3619	3626	rVB	336458	612066	5.93%	0.634%
77	25.056	3748	3752	3765	rVB	269839	589732	5.72%	0.611%

Sum of corrected areas: 96525260

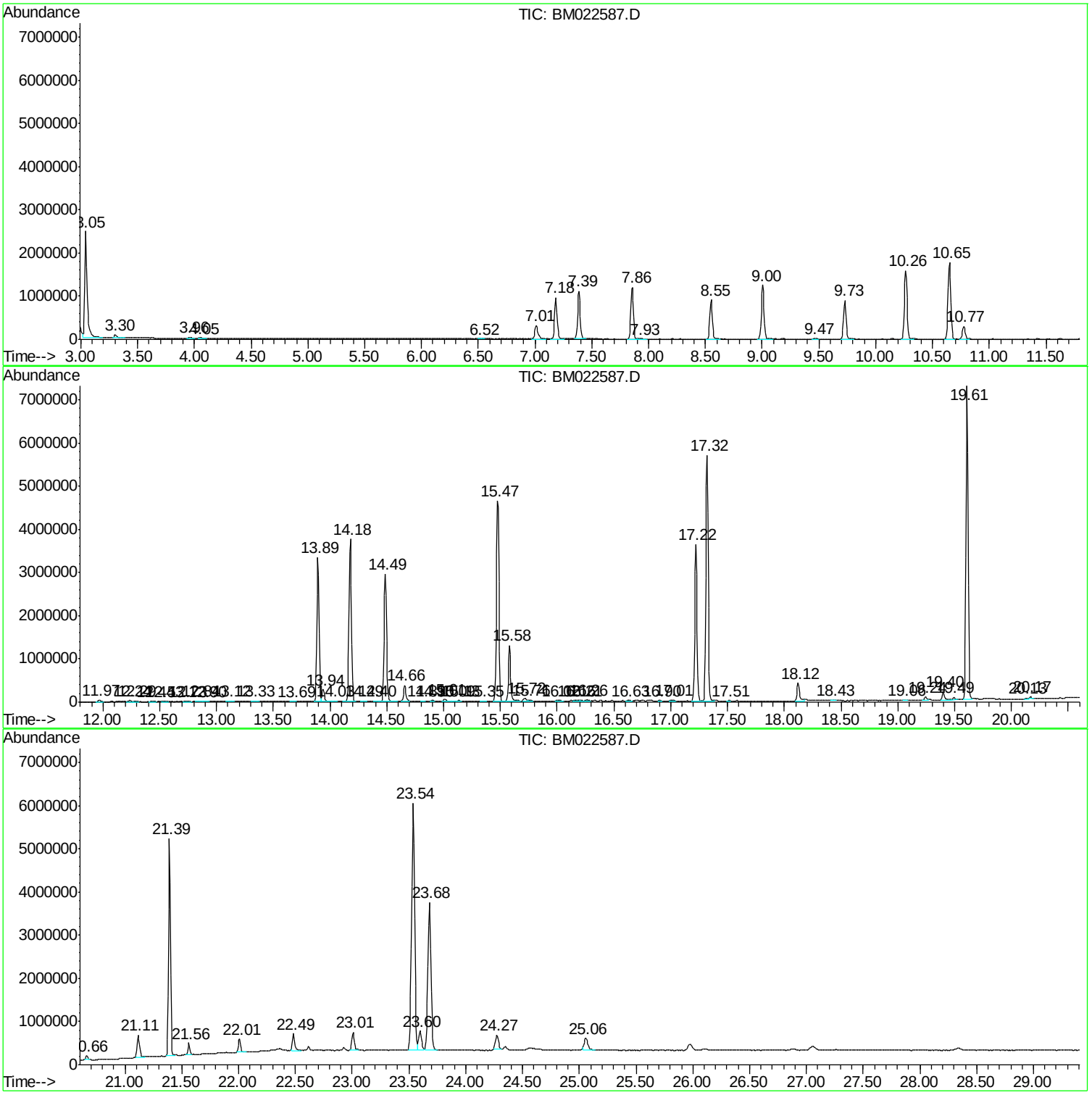
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

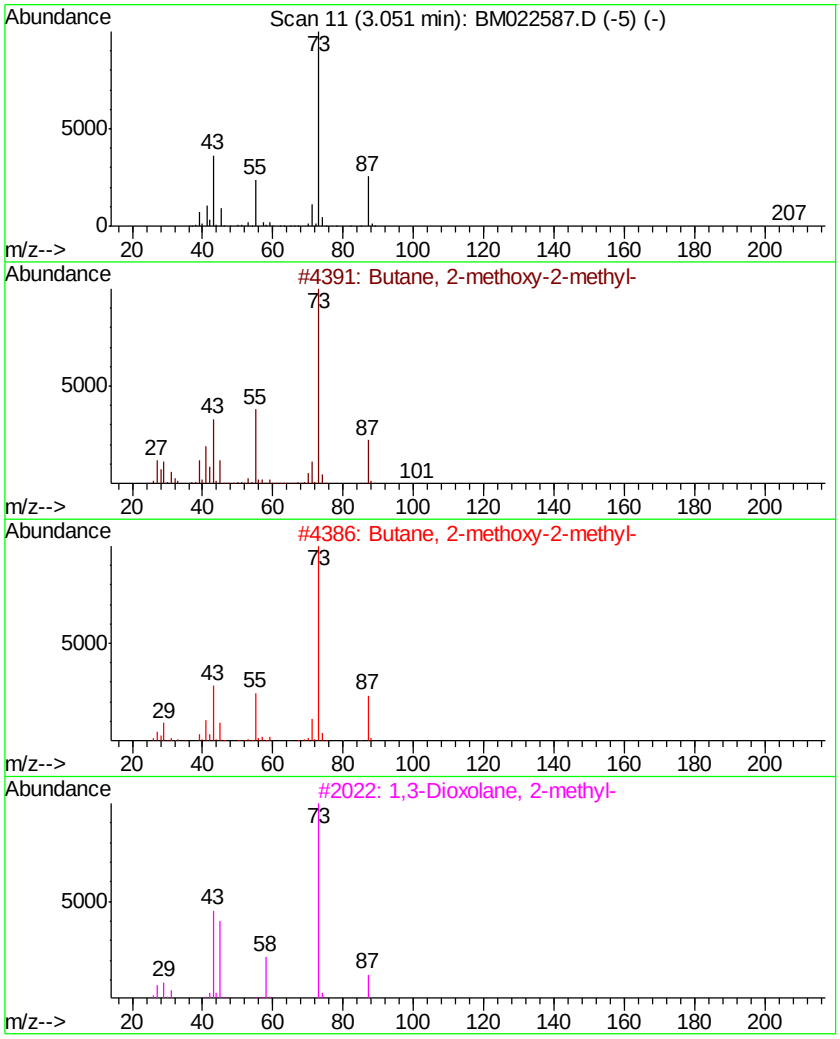
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

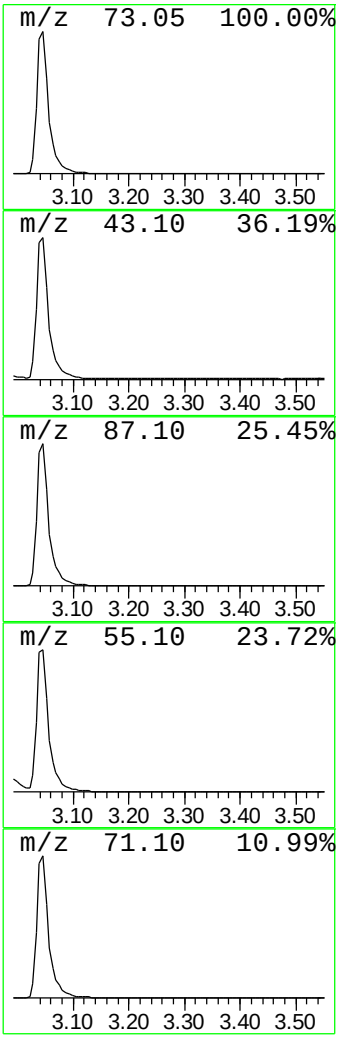
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	38.56 ng/ul	3712110	1,4-Dichlorobenzene-d4	7.86

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	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

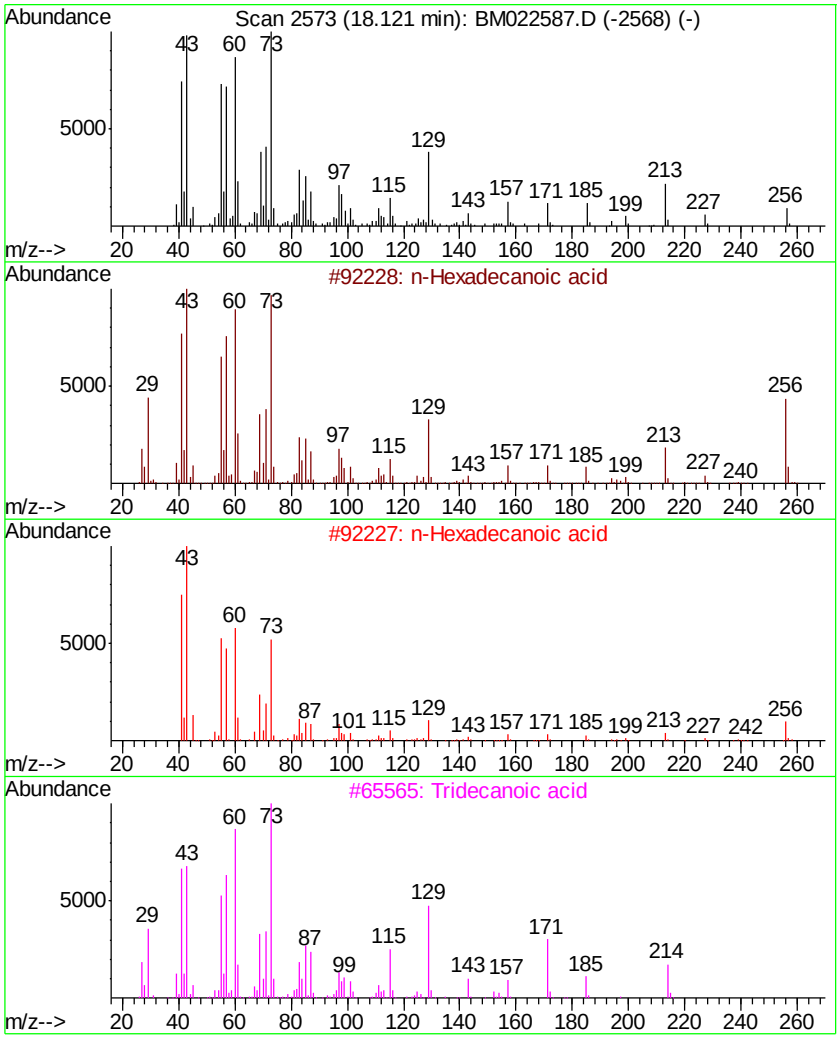
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

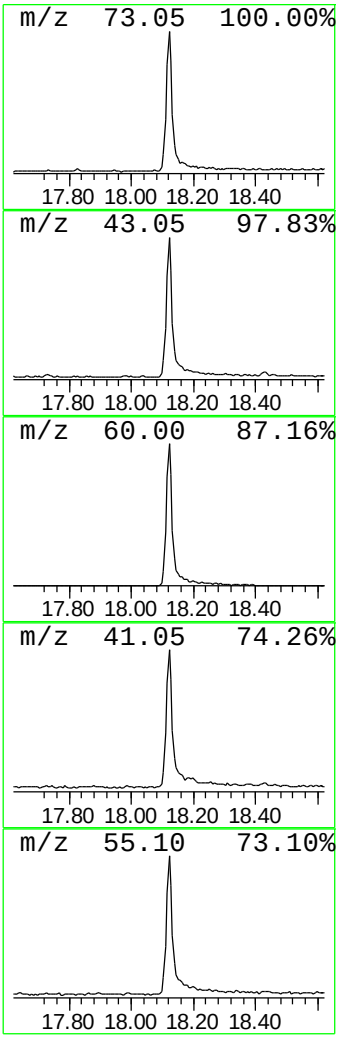
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.57 ng/ul	645656	Phenanthrene-d10	17.22

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

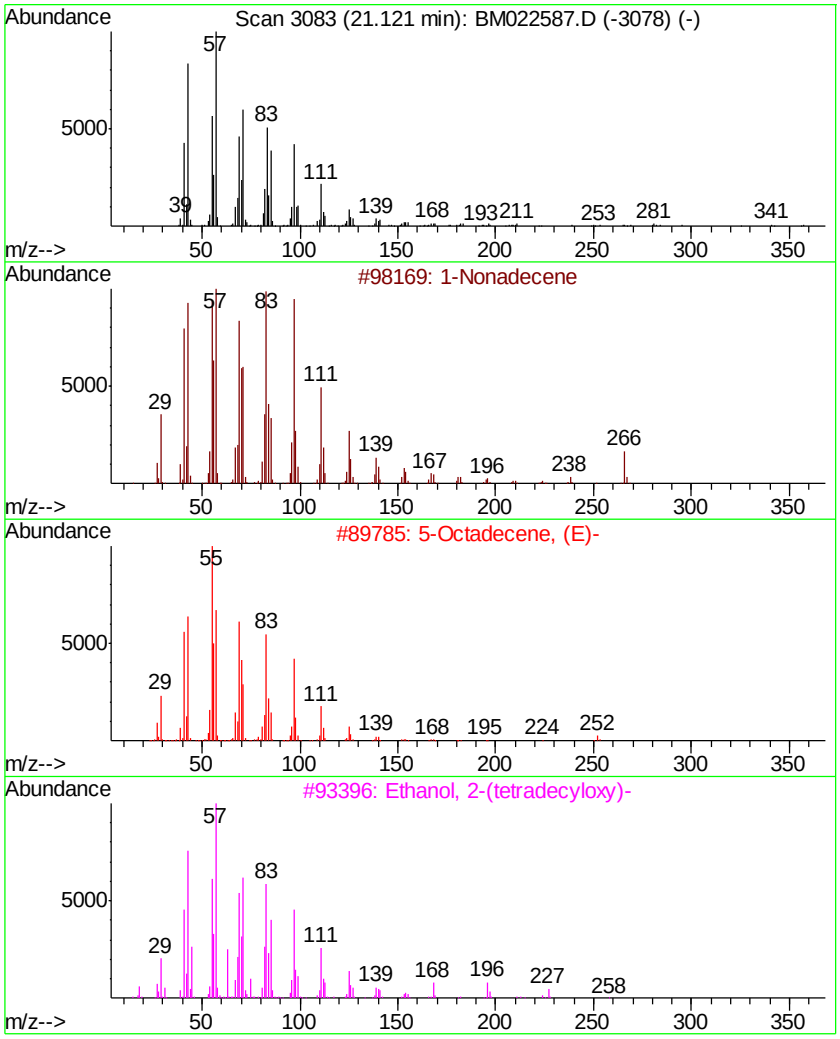
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

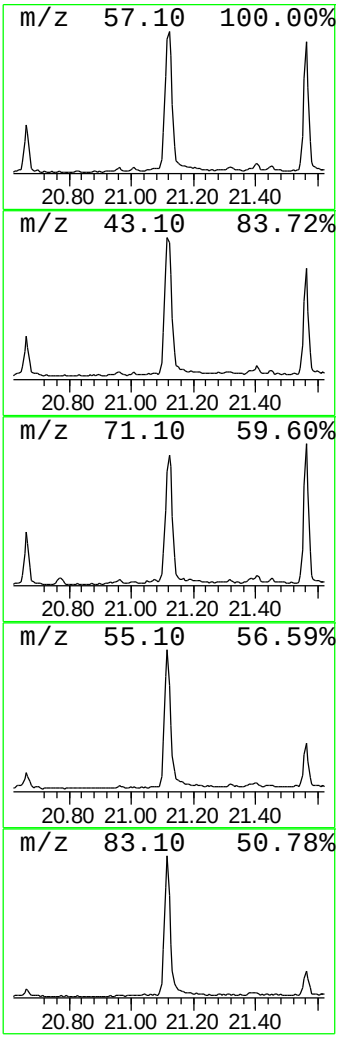
****

Peak Number 3 (DEL) Alkane: Cyclic21.12 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.66 ng/ul	795129	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

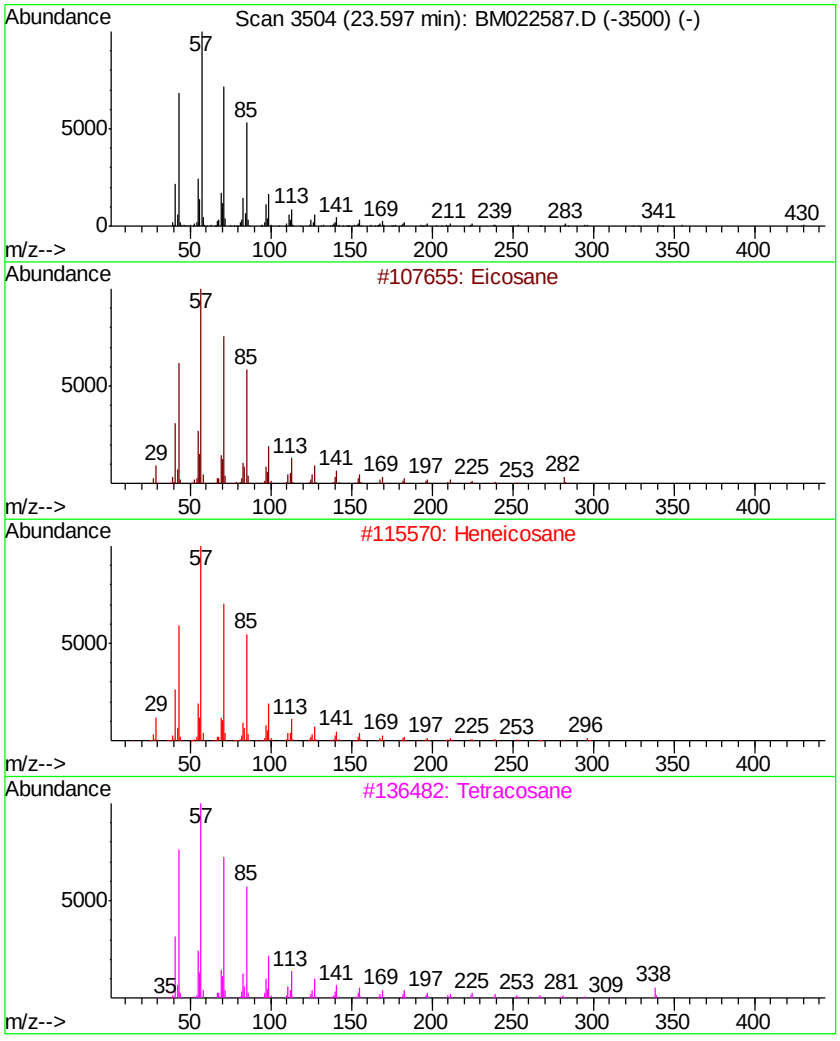
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

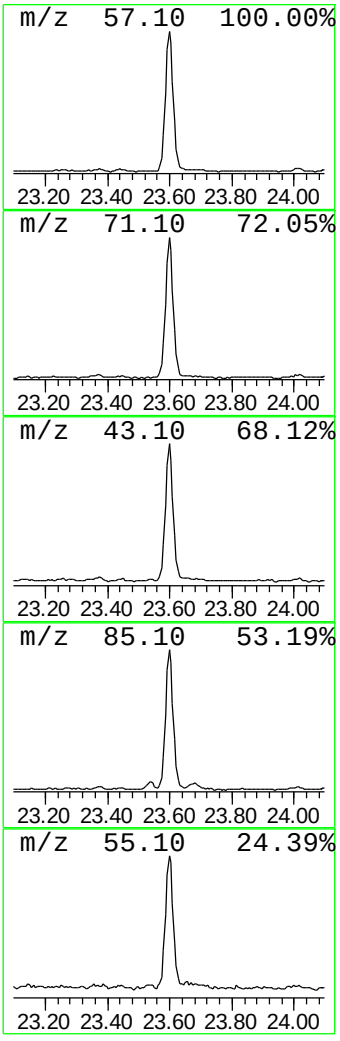
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	2.42 ng/ul	769781	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090819\
Data File : BM022587.D
Acq On : 09 Sep 2019 04:31
Operator : HP/JU
Sample : K4682-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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	38.6	ng/ul	3712110	1	7.86	1925240	20.0
n-Hexadecanoic acid	18.12	2.6	ng/ul	645656	4	17.22	5032140	20.0
(DEL) Alkane: Cyc...	21.12	2.7	ng/ul	795129	5	21.39	5973370	20.0
(DEL) Alkane: Str...	23.60	2.4	ng/ul	769781	6	23.68	6371750	20.0