LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061919\
Data File : BM021037.D
Acq On : 19 Jun 2019 14:42
Operator : HP/JU
Sample : K3332-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W1

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	3.028	3	7	21	rVB	1445042	2014745	28.98%	2.985%
2	3.293	50	52	59	rVB	28341	38597	0.56%	0.057%
3	6.951	667	674	684	rBV	659493	1052343	15.13%	1.559%
4	7.122	698	703	711	rBV	510010	810898	11.66%	1.201%
5	7.316	730	736	746	rBV	696066	1080642	15.54%	1.601%
6	7.787	809	816	823	rBV	835014	1312760	18.88%	1.945%
7	7.834	823	824	831	rVB5	4314	7104	0.10%	0.011%
8	8.487	928	935	947	rBV	839928	1363687	19.61%	2.021%
9	8.616	951	957	962	rVB5	6167	12598	0.18%	0.019%
10	8.945	1006	1013	1027	rVB	694207	1118457	16.09%	1.657%
11	9.322	1070	1077	1083	rVB3	5720	9785	0.14%	0.014%
12	9.663	1128	1135	1146	rVB	588134	946093	13.61%	1.402%
13	10.192	1218	1225	1237	rBV	960658	1595818	22.95%	2.364%
14	10.575	1282	1290	1297	rBV	1249929	2065897	29.71%	3.061%
15	10.716	1307	1314	1327	rBV	852119	1492366	21.46%	2.211%
16	12.081	1543	1546	1552	rBV5	5157	9062	0.13%	0.013%
17	12.169	1556	1561	1568	rVV2	13410	20930	0.30%	0.031%
18	12.769	1659	1663	1668	rBV5	5586	8630	0.12%	0.013%
19	13.028	1700	1707	1712	rVB5	7511	14054	0.20%	0.021%
20	13.833	1838	1844	1849	rBV	2046298	2928845	42.12%	4.340%
21	13.880	1849	1852	1861	rVB	463045	640357	9.21%	0.949%
22	14.116	1886	1892	1903	rVB	2152471	3210904	46.18%	4.758%
23	14.422	1938	1944	1953	rBV2	2074548	3194786	45.95%	4.734%
24	14.627	1973	1979	1997	rBV	608919	1004768	14.45%	1.489%
25	14.857	2010	2018	2023	rVB6	20274	41847	0.60%	0.062%
26	15.216	2074	2079	2084	rBV	48511	65022	0.94%	0.096%
27	15.263	2084	2087	2091	rVB2	6101	10313	0.15%	0.015%
28	15.416	2107	2113	2121	rBV	3034096	4394474	63.20%	6.511%
29	15.539	2129	2134	2146	rVV	588105	863687	12.42%	1.280%
30	15.657	2149	2154	2160	rVB2	35988	53829	0.77%	0.080%
31	16.133	2231	2235	2238	rBV4	8724	11805	0.17%	0.017%
32	16.198	2243	2246	2251	rVV6	4260	7489	0.11%	0.011%
33	16.310	2262	2265	2270	rVB2	12080	15021	0.22%	0.022%
34	16.715	2330	2334	2342	rVV4	10263	16110	0.23%	0.024%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : A41W1

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	16.921	2367	2369	2372	rBV4	7750	8471	0.12%	0.013%
36	16.963	2372	2376	2379	rVV2	12893	18616	0.27%	0.028%
37	16.992	2379	2381	2386	rVB3	7819	9156	0.13%	0.014%
38	17.168	2405	2411	2416	rBV2	2913894	4142999	59.58%	6.139%
39	17.210	2416	2418	2422	rVV	168858	222247	3.20%	0.329%
40	17.268	2422	2428	2439	rVV	3620838	4969496	71.47%	7.363%
41	17.574	2478	2480	2485	rVB2	9153	11498	0.17%	0.017%
42	17.839	2521	2525	2528	rVB5	7225	9892	0.14%	0.015%
43	18.057	2557	2562	2567	rBV	283578	411865	5.92%	0.610%
44	18.239	2589	2593	2598	rBV3	24474	42182	0.61%	0.063%
45	18.398	2618	2620	2623	rBV4	6543	7228	0.10%	0.011%
46	18.551	2642	2646	2651	rBV3	19078	28245	0.41%	0.042%
47	18.592	2651	2653	2657	rVB3	17437	18558	0.27%	0.027%
48	18.845	2692	2696	2697	rBV4	7847	9460	0.14%	0.014%
49	18.968	2713	2717	2723	rBV4	39656	71700	1.03%	0.106%
50	19.109	2738	2741	2747	rBV8	9660	19064	0.27%	0.028%
51	19.198	2752	2756	2757	rVV	48695	60784	0.87%	0.090%
52	19.227	2757	2761	2767	rVB	473268	619136	8.90%	0.917%
53	19.339	2775	2780	2787	rBV2	97600	158950	2.29%	0.236%
54	19.451	2795	2799	2805	rBV2	36961	55973	0.81%	0.083%
55	19.562	2812	2818	2829	rBV	4878553	6953134	100.00%	10.302%
56	20.186	2921	2924	2928	rBV2	38060	43568	0.63%	0.065%
57	20.592	2990	2993	2997	rBV	76190	85828	1.23%	0.127%
58	21.056	3067	3072	3081	rBV	713283	949993	13.66%	1.408%
59	21.351	3116	3122	3126	rBV	3532268	4669223	67.15%	6.918%
60	21.386	3126	3128	3135	rVB	216590	254668	3.66%	0.377%
61	21.492	3143	3146	3152	rVB2	216611	256768	3.69%	0.380%
62	21.933	3218	3221	3228	rVB	260273	356773	5.13%	0.529%
63	22.403	3297	3301	3306	rBV	335214	440466	6.33%	0.653%
64	22.915	3384	3388	3404	rVB2	353509	934962	13.45%	1.385%
65	23.480	3478	3484	3500	rVB	2884046	5798765	83.40%	8.592%
66	23.627	3502	3509	3524	rVB	2029694	3989809	57.38%	5.912%
67	24.144	3594	3597	3606	rVB	241310	427907	6.15%	0.634%

Sum of corrected areas: 67491107

LSC Report - Integrated Chromatogram

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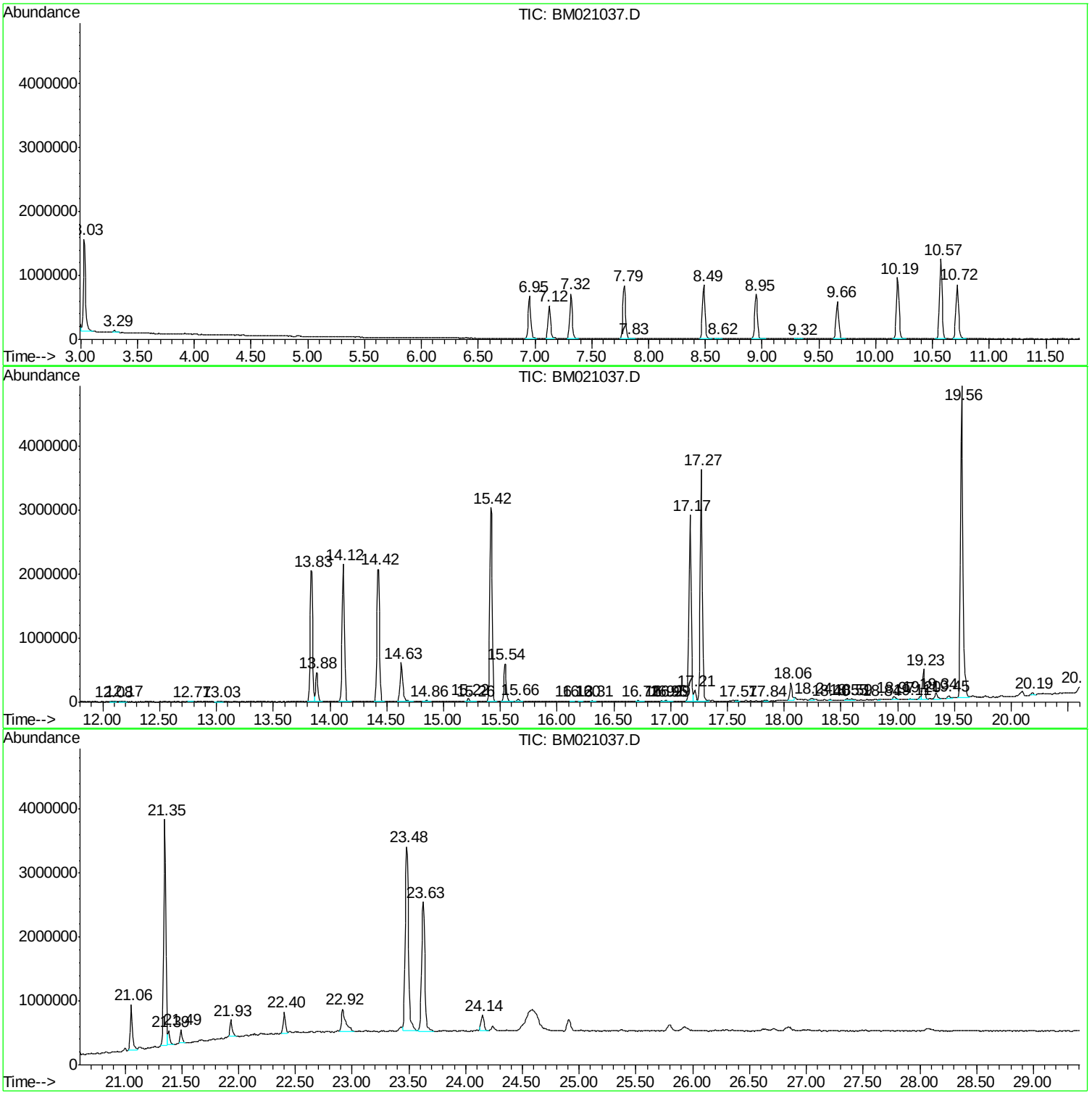
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W1

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 : BM021037.D
Acq On : 19 Jun 2019 14:42
Operator : HP/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W1

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

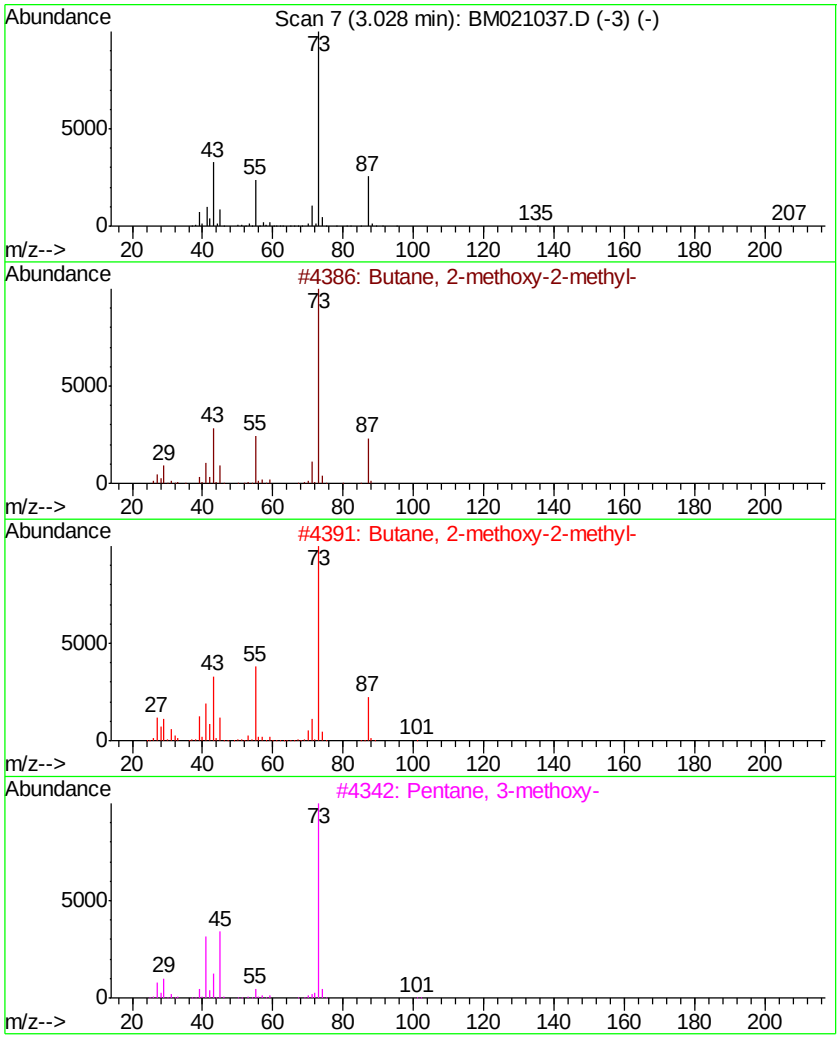
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

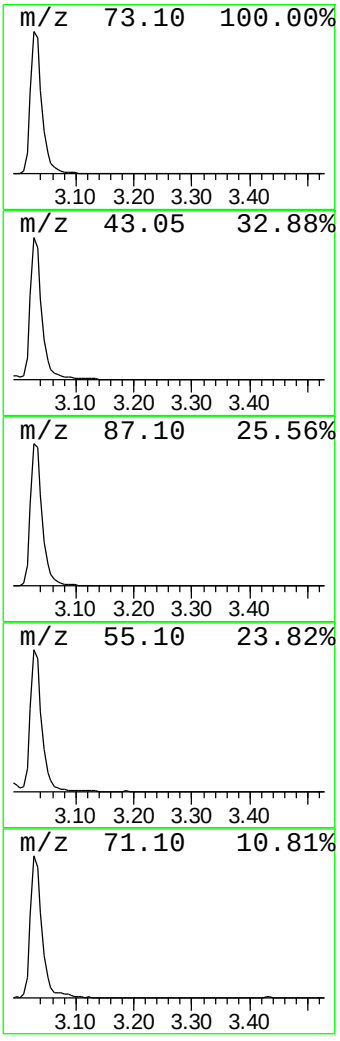
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	30.69 ng/ul	2014750	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	83
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Acq On : 19 Jun 2019 14:42
Operator : HP/JU
Sample : K3332-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W1

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

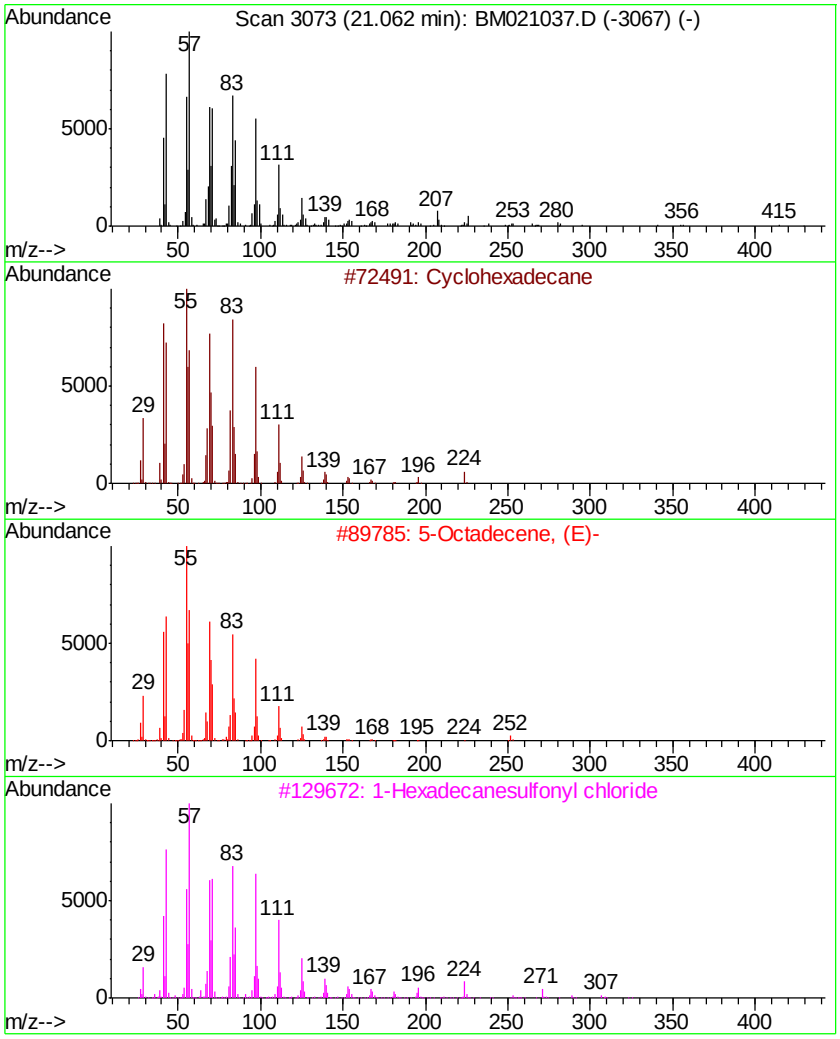
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

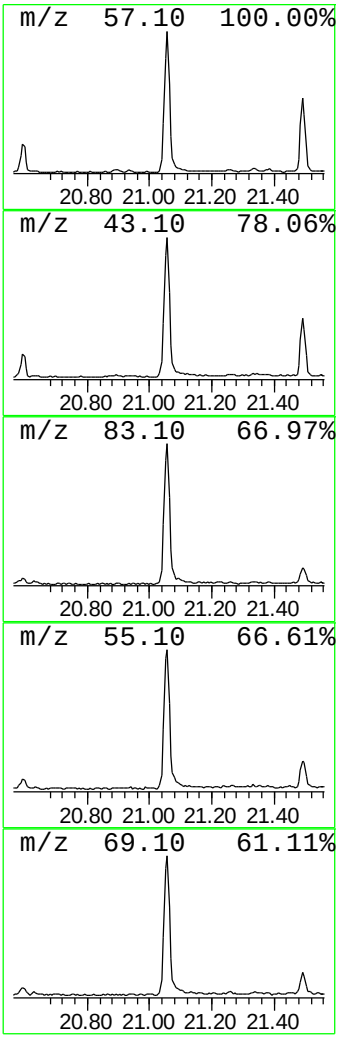
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.07 ng/ul	949993	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41W1

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

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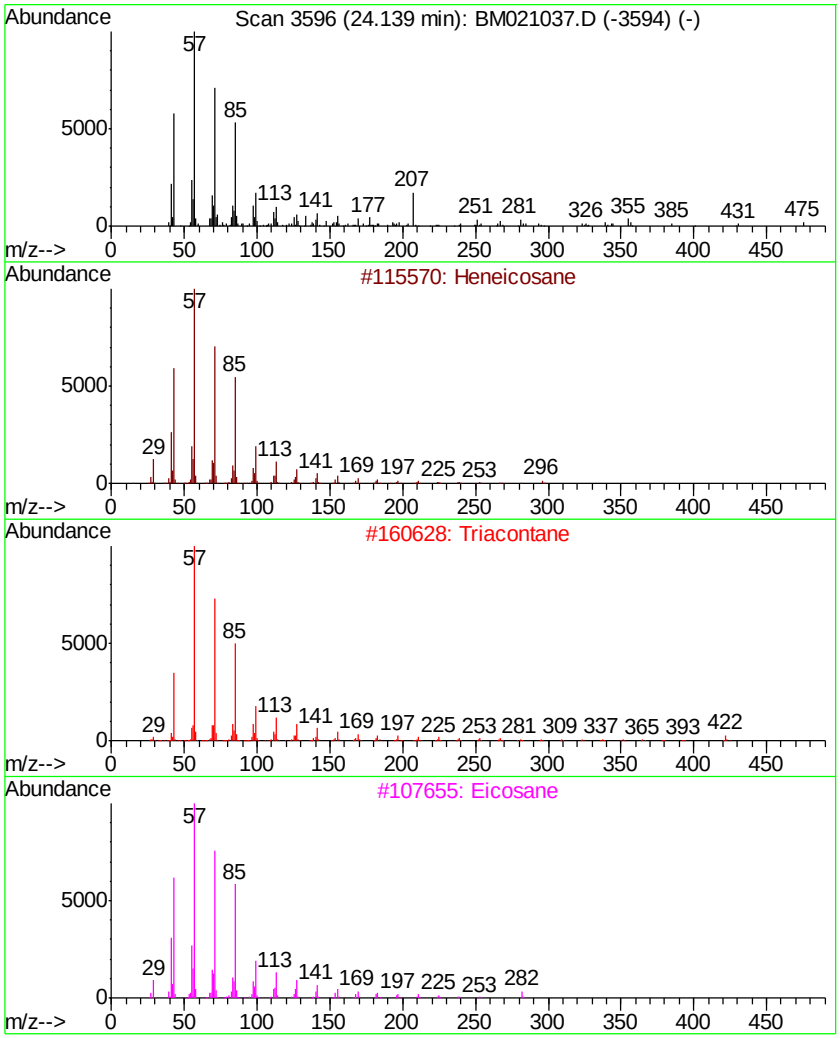
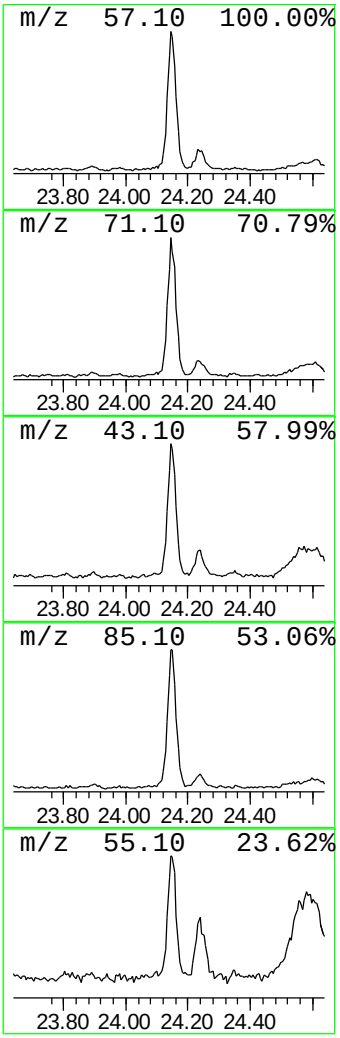
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.15 ng/ul	427907	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Triacontane	422	C30H62	000638-68-6	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Tentatively Identified Compound (LSC) summary

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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	30.7	ng/ul	2014750	1	7.79	1312760	20.0
(DEL) Alkane: Cyc...	21.06	4.1	ng/ul	949993	5	21.35	4669220	20.0
(DEL) Alkane: Str...	24.14	2.1	ng/ul	427907	6	23.63	3989810	20.0