LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020990.D
Acq On : 17 Jun 2019 21:49
Operator : HP/JU
Sample : K3332-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4223

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	23	rVB	1667355	2209327	31.69%	3.077%
2	3.299	50	53	61	rVB2	37456	52937	0.76%	0.074%
3	6.957	668	675	688	rBV	669742	1056458	15.15%	1.471%
4	7.128	698	704	713	rBV	527289	842597	12.09%	1.174%
5	7.322	730	737	748	rVB	719434	1113352	15.97%	1.551%
6	7.792	809	817	824	rBV	958870	1498912	21.50%	2.088%
7	8.304	899	904	911	rBV2	26911	44879	0.64%	0.063%
8	8.492	928	936	946	rBV	884551	1410130	20.23%	1.964%
9	8.581	946	951	955	rVV7	6598	15640	0.22%	0.022%
10	8.616	955	957	962	rVB3	6887	9969	0.14%	0.014%
11	8.951	1007	1014	1025	rBV	702448	1161663	16.66%	1.618%
12	9.110	1035	1041	1045	rVB3	10013	14508	0.21%	0.020%
13	9.328	1073	1078	1084	rVB	11772	15100	0.22%	0.021%
14	9.669	1129	1136	1149	rBV	584432	974879	13.98%	1.358%
15	10.198	1217	1226	1237	rBV	980081	1616843	23.19%	2.252%
16	10.580	1282	1291	1299	rBV	1497021	2428104	34.83%	3.382%
17	10.722	1308	1315	1325	rBV	852739	1488187	21.35%	2.073%
18	11.604	1459	1465	1471	rBV4	11791	28210	0.40%	0.039%
19	12.092	1542	1548	1552	rVB5	5985	10076	0.14%	0.014%
20	12.174	1557	1562	1568	rVB	16207	24536	0.35%	0.034%
21	12.780	1657	1665	1672	rBV3	9736	19362	0.28%	0.027%
22	13.033	1704	1708	1714	rVB5	14278	21608	0.31%	0.030%
23	13.316	1751	1756	1760	rBV	37843	56854	0.82%	0.079%
24	13.839	1838	1845	1850	rBV	2246127	3124064	44.81%	4.351%
25	13.886	1850	1853	1861	rVV	637001	856991	12.29%	1.194%
26	13.951	1861	1864	1869	rVB6	6148	8680	0.12%	0.012%
27	14.074	1882	1885	1887	rBV2	9102	12636	0.18%	0.018%
28	14.121	1887	1893	1901	rVB	2304723	3366403	48.29%	4.689%
29	14.427	1939	1945	1954	rVB2	2435728	3785528	54.30%	5.272%
30	14.633	1974	1980	1992	rBV	865964	1354949	19.43%	1.887%
31	14.857	2013	2018	2023	rVB7	18016	33845	0.49%	0.047%
32	15.221	2076	2080	2084	rBV	78007	102485	1.47%	0.143%
33	15.421	2108	2114	2122	rBV	3214889	4680686	67.14%	6.519%
34	15.545	2130	2135	2144	rBV	902242	1255086	18.00%	1.748%

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Instrument : BNA_M
ClientSampleId : A4223

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

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

35	15.662	2151	2155	2162	rVB	38115	55014	0.79%	0.077%
36	15.968	2204	2207	2208	rBV2	8384	7788	0.11%	0.011%
37	16.139	2233	2236	2240	rBV4	7768	11989	0.17%	0.017%
38	16.315	2263	2266	2271	rVB5	9765	12797	0.18%	0.018%
39	16.374	2271	2276	2280	rVB6	5658	8961	0.13%	0.012%
40	16.498	2294	2297	2302	rVB7	10048	11231	0.16%	0.016%
41	16.574	2306	2310	2318	rVB6	8279	16421	0.24%	0.023%
42	16.645	2318	2322	2326	rBV6	5786	7573	0.11%	0.011%
43	16.927	2367	2370	2372	rBV2	14304	16077	0.23%	0.022%
44	16.962	2372	2376	2381	rVB2	15766	26814	0.38%	0.037%
45	17.068	2389	2394	2396	rBV4	19757	28587	0.41%	0.040%
46	17.133	2401	2405	2406	rBV3	7906	9156	0.13%	0.013%
47	17.174	2406	2412	2423	rVB2	3438633	4912994	70.47%	6.843%
48	17.274	2423	2429	2438	rBV	3827083	5464211	78.37%	7.611%
49	17.368	2443	2445	2448	rVB3	5975	7180	0.10%	0.010%
50	17.551	2469	2476	2485	rBV5	46115	87782	1.26%	0.122%
51	17.662	2492	2495	2499	rBV5	13679	14653	0.21%	0.020%
52	17.845	2522	2526	2530	rVB4	18733	22331	0.32%	0.031%
53	17.945	2537	2543	2550	rBV5	25193	49766	0.71%	0.069%
54	18.003	2550	2553	2556	rBV3	11148	13116	0.19%	0.018%
55	18.062	2558	2563	2573	rBV	477089	718019	10.30%	1.000%
56	18.139	2574	2576	2579	rVB	24570	26135	0.37%	0.036%
57	18.356	2609	2613	2618	rBV2	49295	73016	1.05%	0.102%
58	18.403	2619	2621	2627	rVB7	12597	22198	0.32%	0.031%
59	18.492	2633	2636	2640	rVB5	12852	14711	0.21%	0.020%
60	18.921	2705	2709	2715	rBV3	56078	93324	1.34%	0.130%
61	18.992	2717	2721	2728	rVB2	75346	103440	1.48%	0.144%
62	19.203	2752	2757	2759	rBV	68878	108264	1.55%	0.151%
63	19.345	2777	2781	2787	rBV	133133	197440	2.83%	0.275%
64	19.456	2797	2800	2804	rVB	42489	51393	0.74%	0.072%
65	19.568	2813	2819	2831	rBV	5386012	6971891	100.00%	9.710%
66	20.103	2907	2910	2913	rVB2	73587	75268	1.08%	0.105%
67	20.421	2962	2964	2967	rBV4	30297	26693	0.38%	0.037%
68	20.597	2991	2994	2998	rVB2	65719	71294	1.02%	0.099%
69	21.062	3068	3073	3082	rBV	822164	1102978	15.82%	1.536%
70	21.268	3104	3108	3113	rBV	131334	155615	2.23%	0.217%
71	21.356	3118	3123	3137	rVV	4059163	5133075	73.63%	7.149%

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

72	21.497	3144	3147	3154	rBV3	165295	184806	2.65%	0.257%
73	21.939	3219	3222	3234	rVB3	205082	375099	5.38%	0.522%
74	22.409	3298	3302	3307	rBV	267940	359707	5.16%	0.501%
75	22.921	3386	3389	3394	rVB	258224	319335	4.58%	0.445%
76	23.485	3478	3485	3497	rBV	3056401	5713033	81.94%	7.957%
77	23.633	3503	3510	3522	rVB	2257421	4420963	63.41%	6.158%

Sum of corrected areas: 71797622

LSC Report - Integrated Chromatogram

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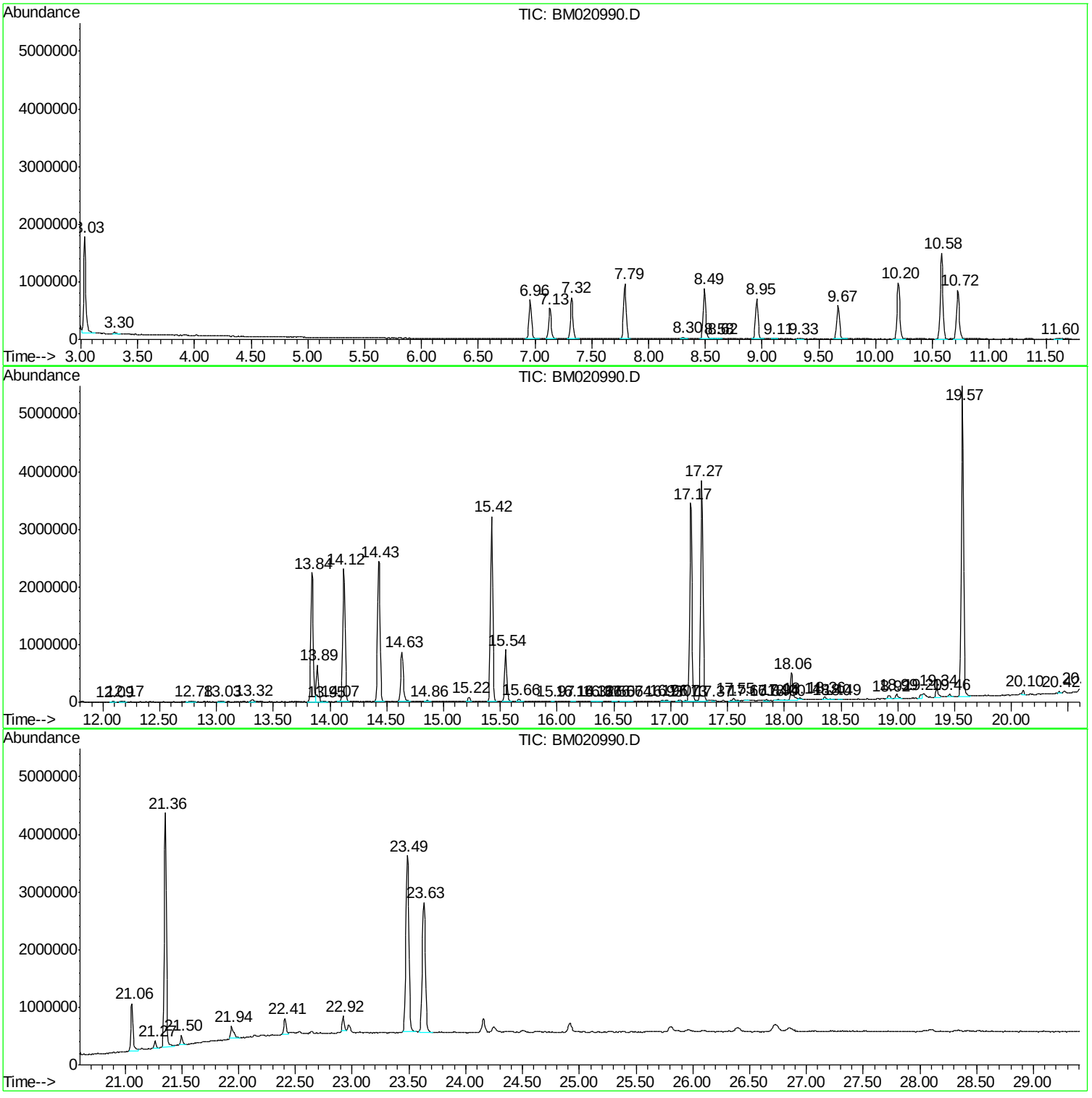
Sample : K3332-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4223

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

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Instrument : BNA_M
ClientSampleId : A4223

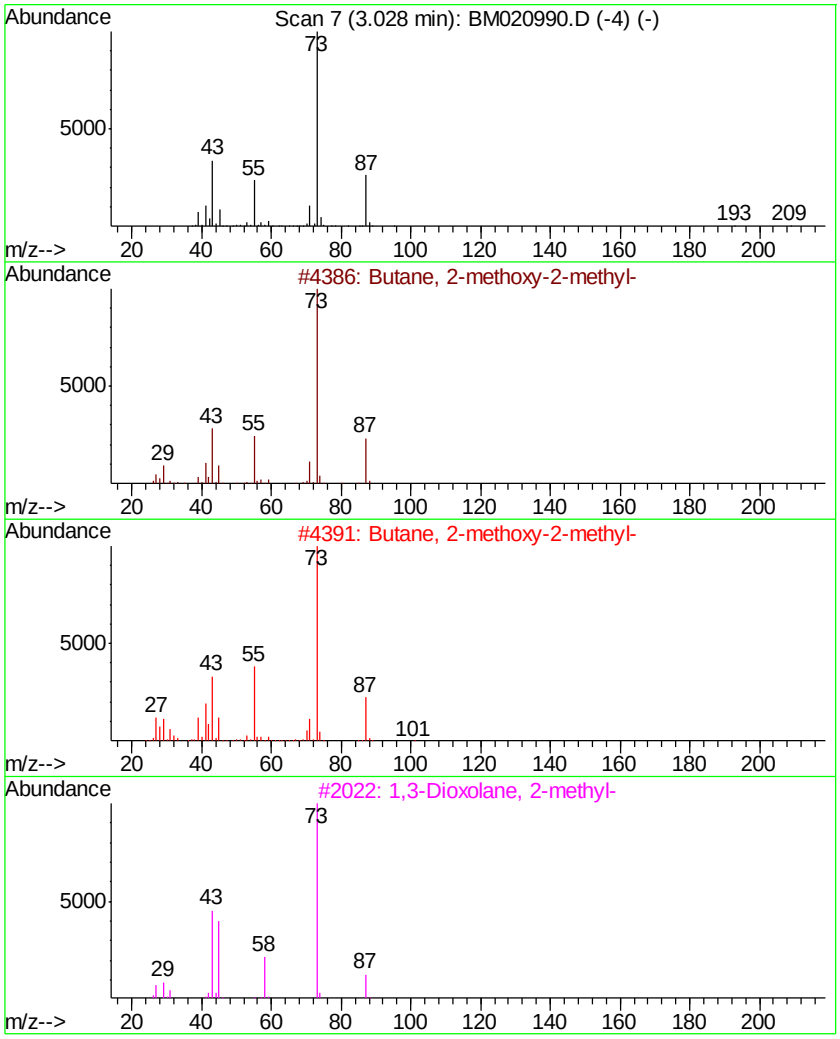
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

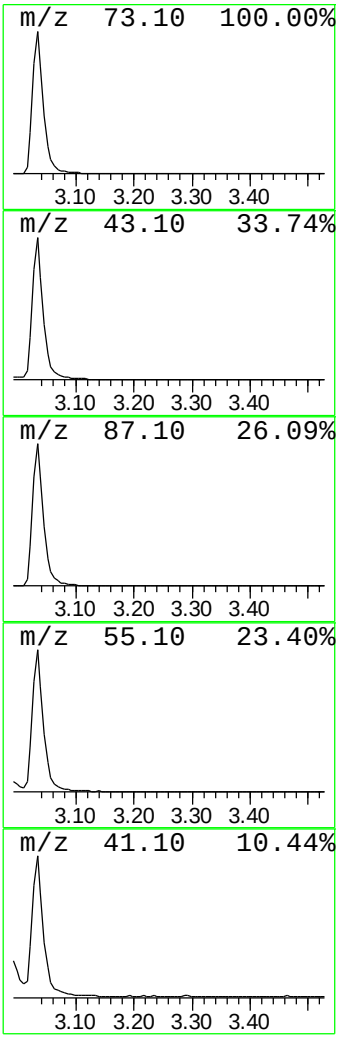
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	29.48 ng/ul	2209330	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Quant Title : SVOA CALIBRATION

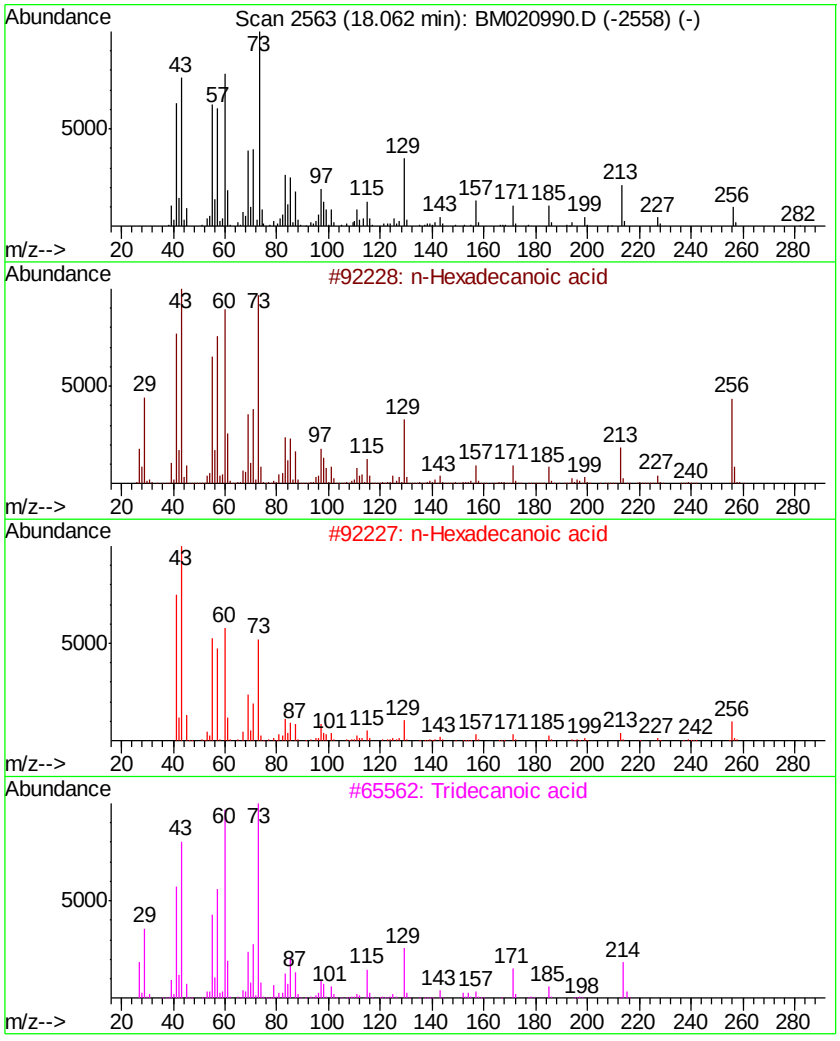
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

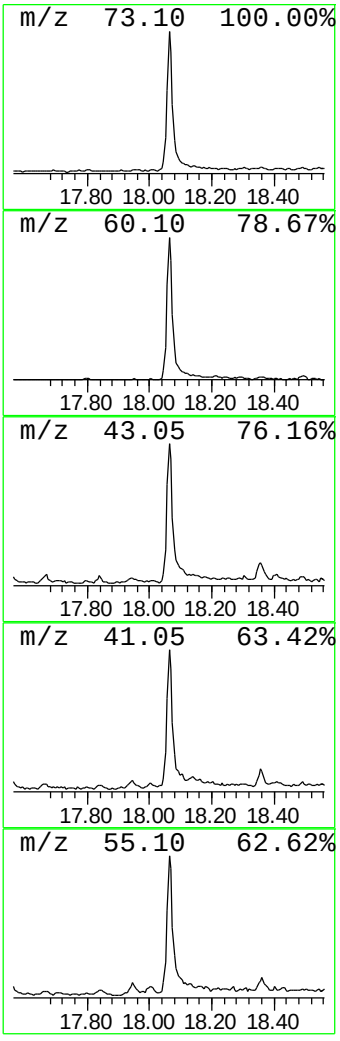
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.92 ng/ul	718019	Phenanthrene-d10	17.17

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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Library Search Compound Report

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

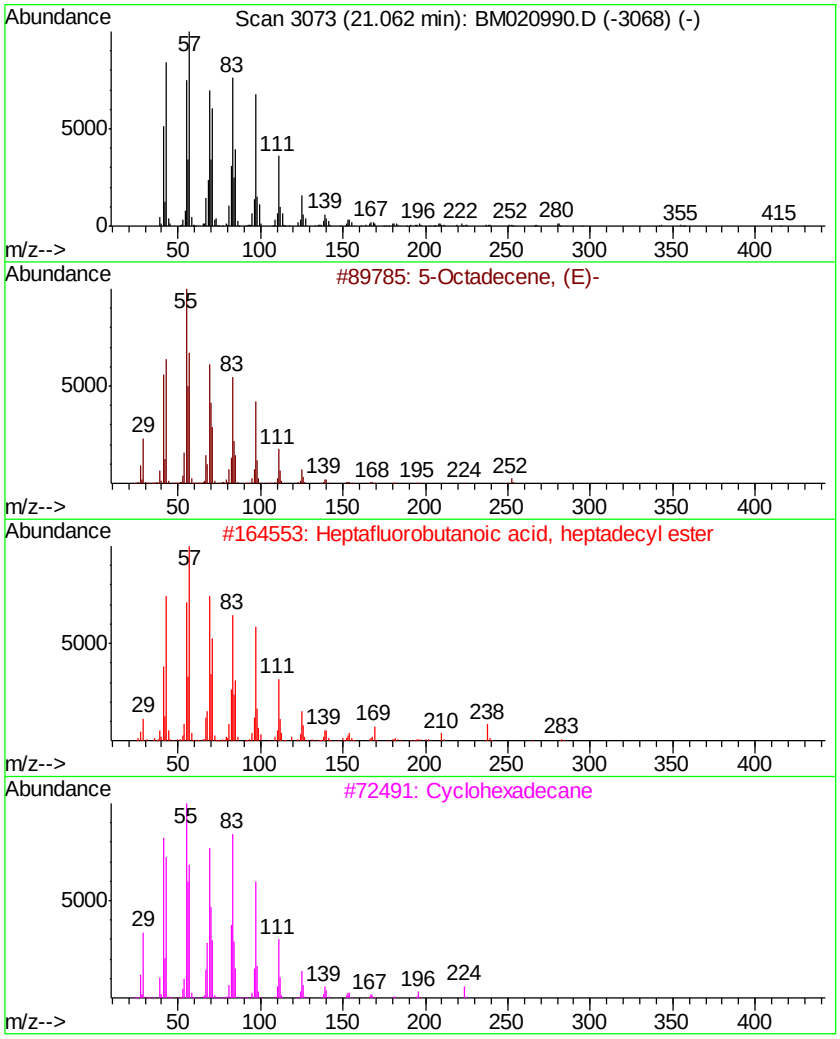
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

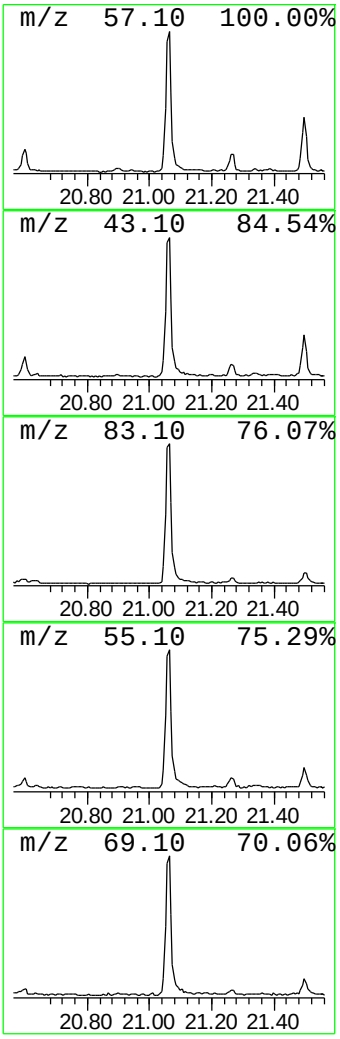
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.30 ng/ul	1102980	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	Cyclohexadecane	224	C16H32	000295-65-8	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Cyclotetracosane	336	C24H48	000297-03-0	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	29.5	ng/ul	2209330	1	7.79	1498910	20.0
n-Hexadecanoic acid	18.06	2.9	ng/ul	718019	4	17.17	4912990	20.0
(DEL) Alkane: Cyc...	21.06	4.3	ng/ul	1102980	5	21.36	5133080	20.0