LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021916\
Data File : BM004285.D
Acq On : 19 Feb 2016 14:19
Operator : SJ/UM
Sample : H1497-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S11-0312

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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	2.746	6	10	20	rBV	62206	107562	19.02%	2.183%
2	2.828	20	24	36	rVB	50955	70909	12.54%	1.439%
3	3.093	66	69	74	rVB2	1345	1630	0.29%	0.033%
4	3.611	155	157	161	rVB2	815	1057	0.19%	0.021%
5	4.758	346	352	355	rBB2	1250	2410	0.43%	0.049%
6	6.828	699	704	713	rBB	29617	46957	8.30%	0.953%
7	6.969	723	728	735	rBB	27024	40605	7.18%	0.824%
8	7.169	757	762	769	rBB	33685	50417	8.92%	1.023%
9	7.628	835	840	847	rBB	66749	101422	17.94%	2.058%
10	8.357	959	964	973	rBB	34463	55411	9.80%	1.124%
11	8.793	1033	1038	1046	rBB	31355	50224	8.88%	1.019%
12	9.193	1104	1106	1109	rBB	938	937	0.17%	0.019%
13	9.516	1156	1161	1167	rBB	25765	40235	7.12%	0.816%
14	10.057	1248	1253	1264	rBB	42024	71077	12.57%	1.442%
15	10.416	1308	1314	1324	rBB	112907	185264	32.77%	3.759%
16	10.569	1335	1340	1350	rBV	35642	62589	11.07%	1.270%
17	13.186	1781	1785	1788	rBB	1970	2567	0.45%	0.052%
18	13.704	1868	1873	1877	rBV	117401	155300	27.47%	3.151%
19	13.751	1877	1881	1887	rVB	51856	69885	12.36%	1.418%
20	13.980	1915	1920	1931	rBB	121077	180734	31.96%	3.668%
21	14.157	1945	1950	1953	rBV2	6463	10386	1.84%	0.211%
22	14.186	1953	1955	1960	rVB	3844	4827	0.85%	0.098%
23	14.292	1967	1973	1980	rBB2	202597	300766	53.19%	6.103%
24	14.551	2013	2017	2032	rBB2	20184	41482	7.34%	0.842%
25	15.092	2107	2109	2112	rBB	1167	1201	0.21%	0.024%
26	15.122	2112	2114	2115	rBV	767	688	0.12%	0.014%
27	15.145	2115	2118	2121	rVB	5154	5947	1.05%	0.121%
28	15.292	2137	2143	2150	rBB	179568	249283	44.09%	5.059%
29	15.439	2164	2168	2173	rBV	30196	38880	6.88%	0.789%
30	15.539	2182	2185	2186	rBV	1405	1504	0.27%	0.031%
31	16.010	2261	2265	2272	rBB	6227	9495	1.68%	0.193%
32	16.592	2362	2364	2366	rBB	636	569	0.10%	0.012%
33	16.798	2396	2399	2403	rBB	4330	4926	0.87%	0.100%
34	16.851	2403	2408	2410	rBB2	1126	1701	0.30%	0.035%

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Sample : H1497-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S11-0312

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Title : SVOA CALIBRATION

35	17.045	2435	2441	2447	rBV2	282925	396383	70.10%	8.044%
36	17.086	2447	2448	2452	rVB	3338	3216	0.57%	0.065%
37	17.145	2452	2458	2472	rBB2	202219	281935	49.86%	5.721%
38	17.427	2502	2506	2512	rBB	27440	36093	6.38%	0.732%
39	17.539	2522	2525	2527	rBB	2770	2714	0.48%	0.055%
40	17.945	2589	2594	2597	rBB2	2736	3523	0.62%	0.071%
41	17.974	2597	2599	2602	rBB	888	862	0.15%	0.017%
42	18.016	2603	2606	2608	rBB	756	859	0.15%	0.017%
43	18.121	2621	2624	2626	rBB	1353	1115	0.20%	0.023%
44	18.227	2641	2642	2645	rBB	1272	1161	0.21%	0.024%
45	18.368	2663	2666	2668	rBB	2834	2071	0.37%	0.042%
46	18.804	2736	2740	2749	rBV	82447	110514	19.55%	2.243%
47	18.868	2749	2751	2755	rVB	1906	2218	0.39%	0.045%
48	19.027	2776	2778	2782	rVB	1024	601	0.11%	0.012%
49	19.086	2784	2788	2790	rVV	1298	1510	0.27%	0.031%
50	19.121	2790	2794	2799	rVB	10718	13663	2.42%	0.277%
51	19.239	2810	2814	2816	rBV	810	1043	0.18%	0.021%
52	19.274	2818	2820	2823	rVB2	755	668	0.12%	0.014%
53	19.345	2828	2832	2835	rVV	1083	1652	0.29%	0.034%
54	19.380	2835	2838	2840	rVB	712	714	0.13%	0.014%
55	19.451	2845	2850	2860	rBV	267908	387444	68.52%	7.862%
56	19.821	2911	2913	2916	rVB2	1114	1434	0.25%	0.029%
57	19.968	2933	2938	2940	rBV	3779	5760	1.02%	0.117%
58	19.992	2940	2942	2946	rVB2	2892	3299	0.58%	0.067%
59	20.092	2956	2959	2960	rVB	1072	800	0.14%	0.016%
60	20.151	2965	2969	2971	rBV	1616	2085	0.37%	0.042%
61	20.286	2989	2992	2995	rBV2	851	839	0.15%	0.017%
62	20.327	2995	2999	3004	rVB3	8081	10462	1.85%	0.212%
63	20.374	3006	3007	3011	rBV3	752	944	0.17%	0.019%
64	20.457	3016	3021	3023	rVV2	2499	3189	0.56%	0.065%
65	20.492	3023	3027	3031	rVV2	2473	2640	0.47%	0.054%
66	20.609	3043	3047	3048	rBV2	978	1001	0.18%	0.020%
67	20.727	3063	3067	3068	rBV3	1039	1338	0.24%	0.027%
68	20.745	3068	3070	3072	rVV	790	728	0.13%	0.015%
69	20.798	3077	3079	3081	rBV2	1097	1245	0.22%	0.025%
70	20.857	3087	3089	3091	rBV2	870	1041	0.18%	0.021%
71	20.957	3102	3106	3115	rBV	63879	87725	15.51%	1.780%

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Misc :
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Instrument : BNA_M
ClientSampleId : 0311-S11-0312

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
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Title : SVOA CALIBRATION

72	21.162	3138	3141	3147	rVB	9609	11607	2.05%	0.236%
73	21.256	3151	3157	3170	rBV	432049	565426	100.00%	11.474%
74	21.404	3178	3182	3184	rBV4	3281	3898	0.69%	0.079%
75	21.827	3250	3254	3255	rBV4	5561	6611	1.17%	0.134%
76	22.280	3328	3331	3336	rVB4	6844	9752	1.72%	0.198%
77	22.409	3350	3353	3361	rVB3	8116	11830	2.09%	0.240%
78	22.780	3413	3416	3420	rVB	8385	10054	1.78%	0.204%
79	22.821	3420	3423	3436	rVB2	10086	25345	4.48%	0.514%
80	23.339	3505	3511	3526	rVB	214879	401732	71.05%	8.152%
81	23.480	3528	3535	3546	rVB2	266900	510565	90.30%	10.361%
82	23.962	3614	3617	3624	rVB2	16795	27776	4.91%	0.564%

Sum of corrected areas: 4927932

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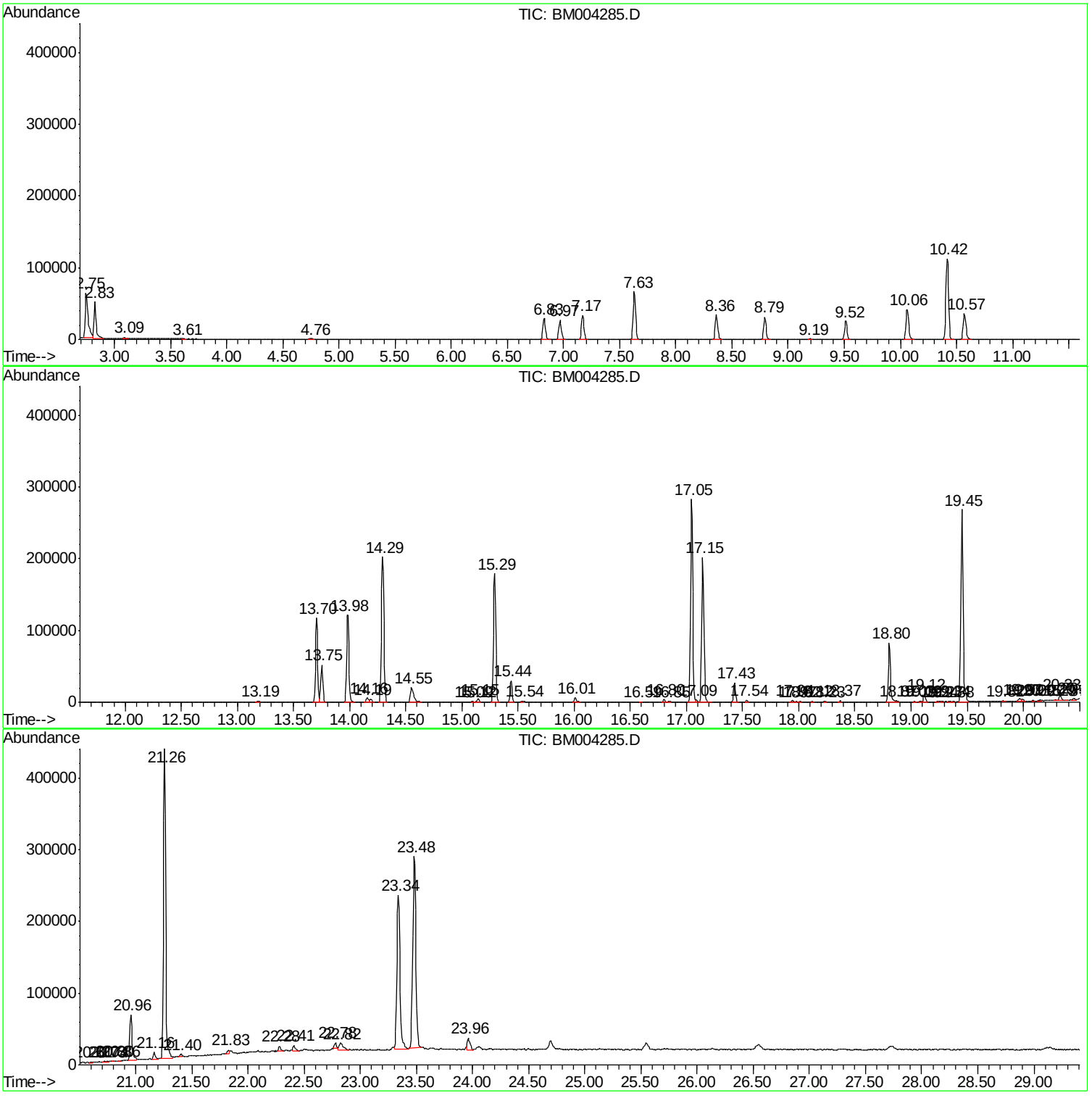
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S11-0312

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021916\
Data File : BM004285.D
Acq On : 19 Feb 2016 14:19
Operator : SJ/UM
Sample : H1497-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S11-0312

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

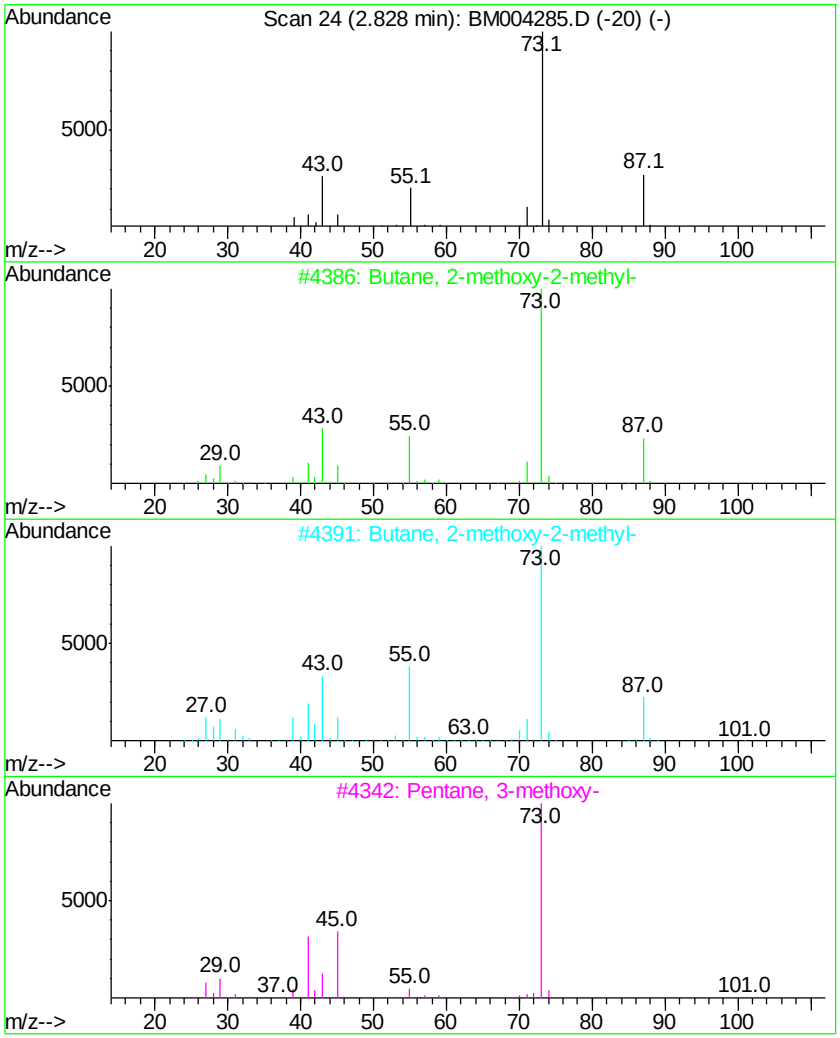
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

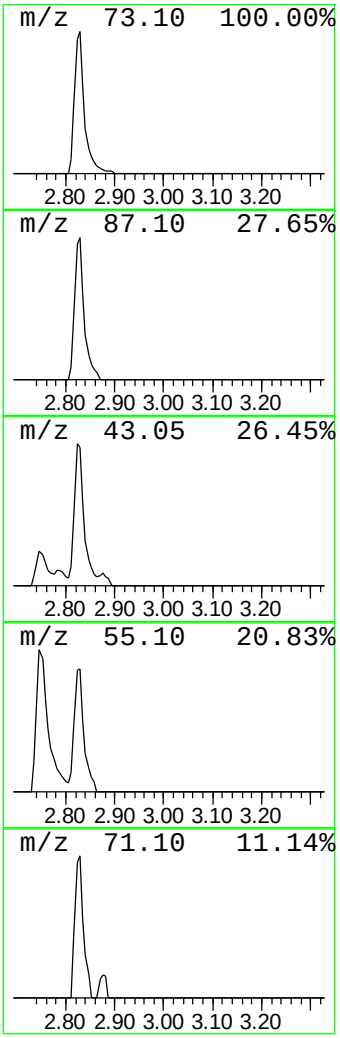
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	13.98 ng/ul	70909	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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ClientSampleId : 0311-S11-0312

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

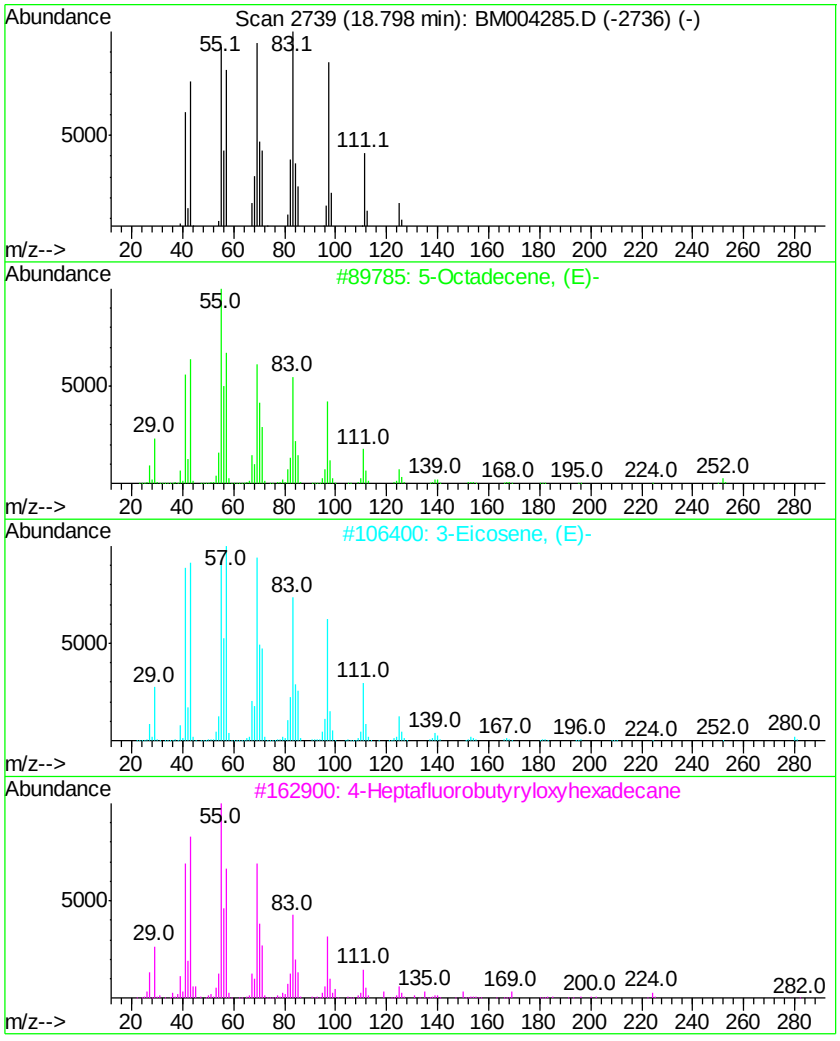
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

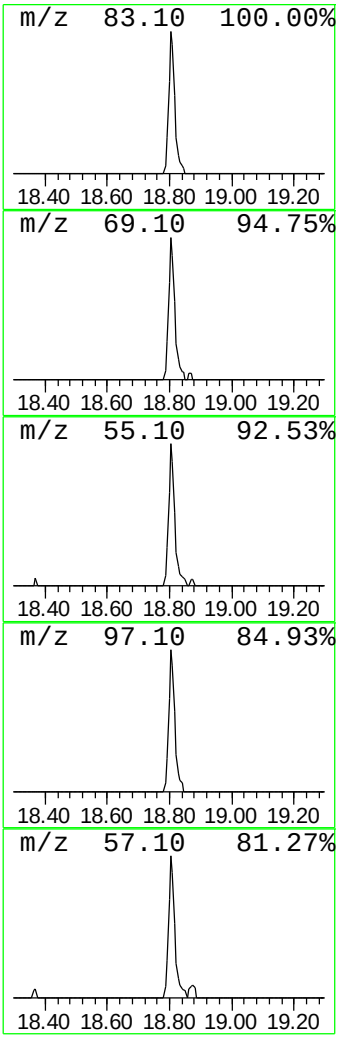
****

Peak Number 3 (DEL) Alkane: Cyclic18.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	5.58 ng/ul	110514	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





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ClientSampleId : 0311-S11-0312

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

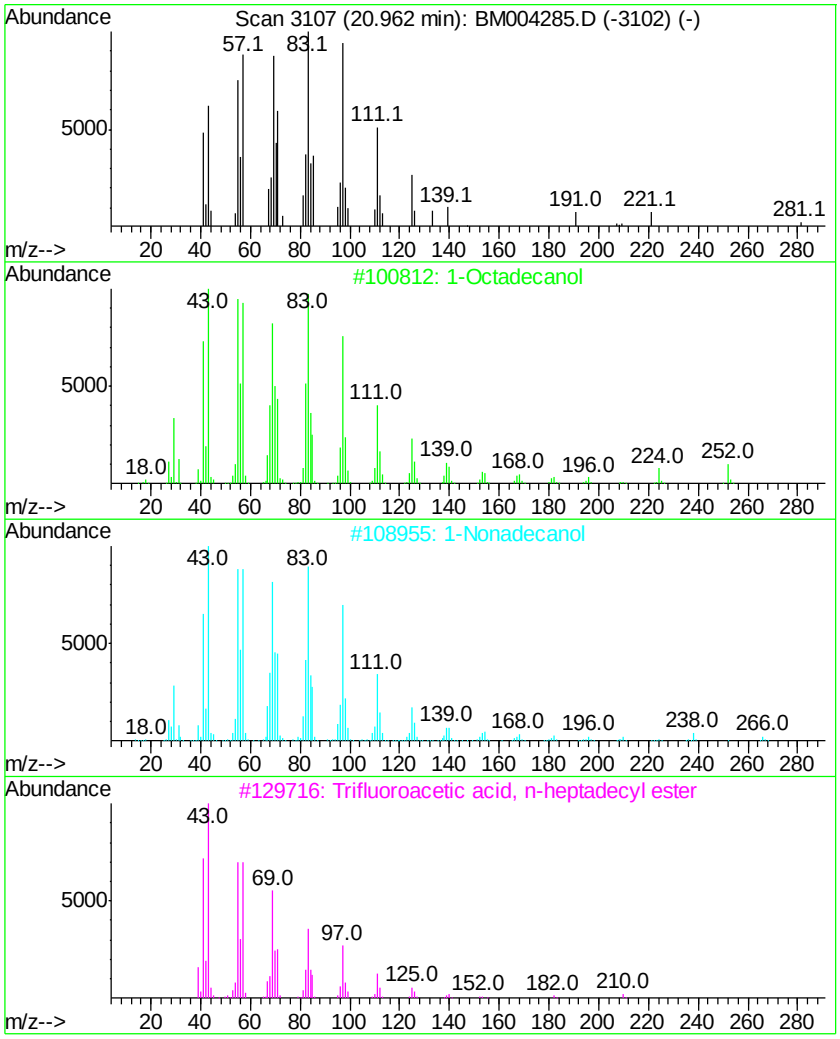
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

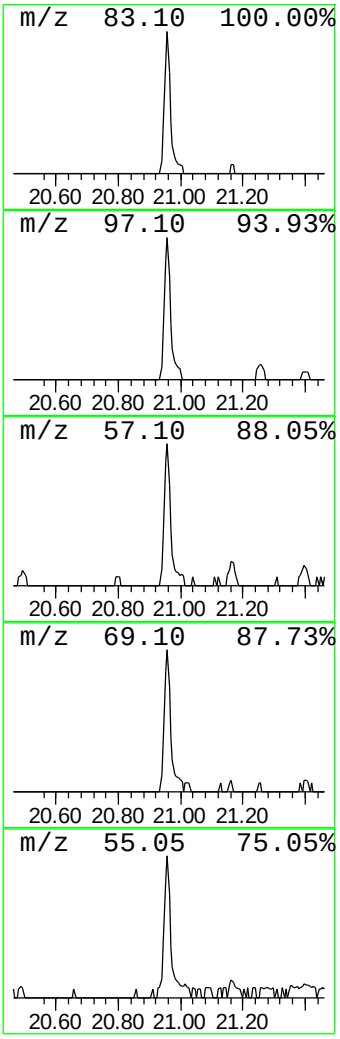
****

Peak Number 4 1-Octadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.10 ng/ul	87725	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	91
2	1-Nonadecanol	284	C19H40O	001454-84-8	91
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
4	1-Heptadecanol	256	C17H36O	001454-85-9	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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...	2.83	14.0	ng/ul	70909	1	7.63	101422	20.0
(DEL) Alkane: Cyc...	18.80	5.6	ng/ul	110514	4	17.05	396383	20.0
1-Octadecanol	20.96	3.1	ng/ul	87725	5	21.26	565426	20.0