LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022416\
Data File : BM004390.D
Acq On : 24 Feb 2016 18:08
Operator : SJ/UM
Sample : H1515-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S16-0003

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM022216.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	2.740	4	9	19	rBV	84989	150436	18.38%	1.915%
2	2.816	19	22	34	rVB	68667	95454	11.67%	1.215%
3	6.810	696	701	713	rBV	74549	120779	14.76%	1.537%
4	6.957	721	726	735	rBV	67657	103421	12.64%	1.316%
5	7.157	755	760	771	rBB	88772	138049	16.87%	1.757%
6	7.622	833	839	847	rBB	82165	126285	15.43%	1.608%
7	8.345	957	962	974	rBB	91762	145552	17.79%	1.853%
8	8.781	1030	1036	1042	rBV	82622	131914	16.12%	1.679%
9	8.839	1042	1046	1051	rVB	37669	52044	6.36%	0.662%
10	9.504	1153	1159	1167	rBB	68973	111744	13.66%	1.422%
11	10.045	1245	1251	1267	rBV	109342	185646	22.69%	2.363%
12	10.410	1306	1313	1322	rBB	135910	225281	27.53%	2.868%
13	10.557	1332	1338	1352	rBV	74066	133387	16.30%	1.698%
14	13.698	1866	1872	1876	rBV	244526	339875	41.54%	4.326%
15	13.745	1876	1880	1887	rVB	76482	103699	12.67%	1.320%
16	13.974	1913	1919	1931	rBV	300628	425723	52.03%	5.419%
17	14.151	1945	1949	1952	rBV	26687	32165	3.93%	0.409%
18	14.180	1952	1954	1958	rVB	10504	10547	1.29%	0.134%
19	14.286	1966	1972	1979	rBB2	227582	338096	41.32%	4.304%
20	14.533	2009	2014	2027	rBV	41117	84377	10.31%	1.074%
21	15.139	2113	2117	2120	rBB	13586	16309	1.99%	0.208%
22	15.280	2136	2141	2151	rBB	387484	555915	67.94%	7.076%
23	15.427	2162	2166	2176	rBB	77705	103623	12.66%	1.319%
24	15.998	2260	2263	2275	rBB2	15960	25529	3.12%	0.325%
25	17.039	2434	2440	2445	rBV	307968	420501	51.39%	5.353%
26	17.080	2445	2447	2451	rVV	8936	8987	1.10%	0.114%
27	17.139	2451	2457	2471	rVB	430578	615942	75.27%	7.840%
28	18.121	2619	2624	2627	rBB4	7345	9161	1.12%	0.117%
29	18.362	2661	2665	2668	rBB	28235	28613	3.50%	0.364%
30	19.109	2789	2792	2798	rVB	35736	45001	5.50%	0.573%
31	19.445	2843	2849	2859	rBV	557940	818271	100.00%	10.416%
32	19.574	2864	2871	2875	rVB2	14622	18704	2.29%	0.238%
33	19.980	2931	2940	2946	rBV3	6797	15006	1.83%	0.191%
34	20.127	2961	2965	2971	rBV2	13506	18868	2.31%	0.240%

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Instrument : BNA_M
ClientSampleId : 0311-S16-0003

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM022216.M
Title : SVOA CALIBRATION

35	20.950	3100	3105	3115	rVV5	48846	91978	11.24%	1.171%
36	21.027	3116	3118	3124	rVB3	7411	10932	1.34%	0.139%
37	21.162	3138	3141	3146	rVB	10839	13316	1.63%	0.170%
38	21.250	3149	3156	3161	rBV	403911	548709	67.06%	6.985%
39	21.286	3161	3162	3169	rVB	25426	29455	3.60%	0.375%
40	21.409	3179	3183	3188	rVB4	7741	12506	1.53%	0.159%
41	22.174	3310	3313	3317	rVB	18652	22063	2.70%	0.281%
42	22.280	3328	3331	3339	rVB	10987	17160	2.10%	0.218%
43	22.503	3365	3369	3374	rBV	28246	35565	4.35%	0.453%
44	22.744	3406	3410	3411	rBV2	10497	13048	1.59%	0.166%
45	22.821	3418	3423	3438	rVB2	69610	154925	18.93%	1.972%
46	23.285	3498	3502	3504	rBV	11544	17537	2.14%	0.223%
47	23.333	3504	3510	3523	rVB	315771	618397	75.57%	7.872%
48	23.474	3528	3534	3552	rVB2	203586	392607	47.98%	4.998%
49	23.962	3612	3617	3626	rVB	24757	46220	5.65%	0.588%
50	24.491	3702	3707	3717	rVB7	8361	22430	2.74%	0.286%
51	24.685	3737	3740	3748	rVB6	7298	13600	1.66%	0.173%
52	25.132	3813	3816	3824	rVB5	6784	13215	1.61%	0.168%
53	25.532	3881	3884	3894	rVB4	11975	27386	3.35%	0.349%

Sum of corrected areas: 7855953

LSC Report - Integrated Chromatogram

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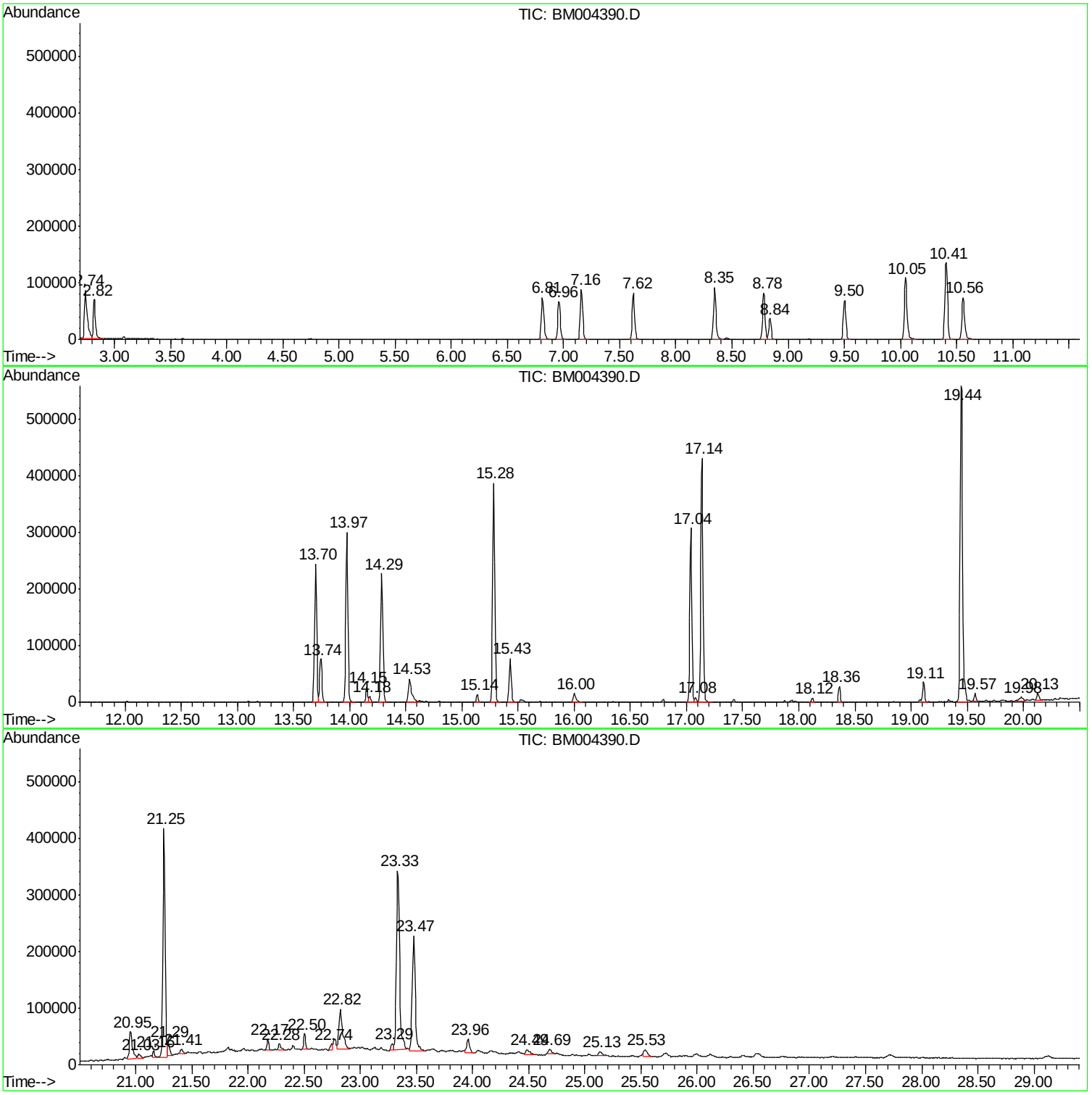
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S16-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : SJ/UM
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S16-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

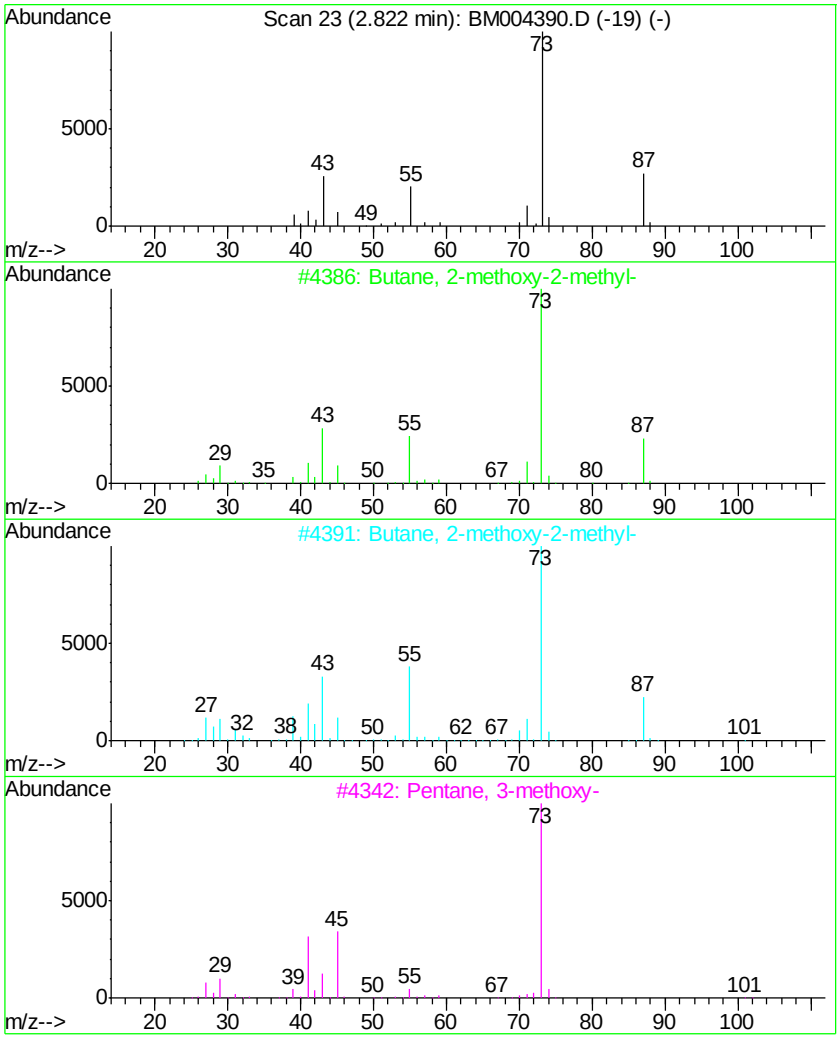
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

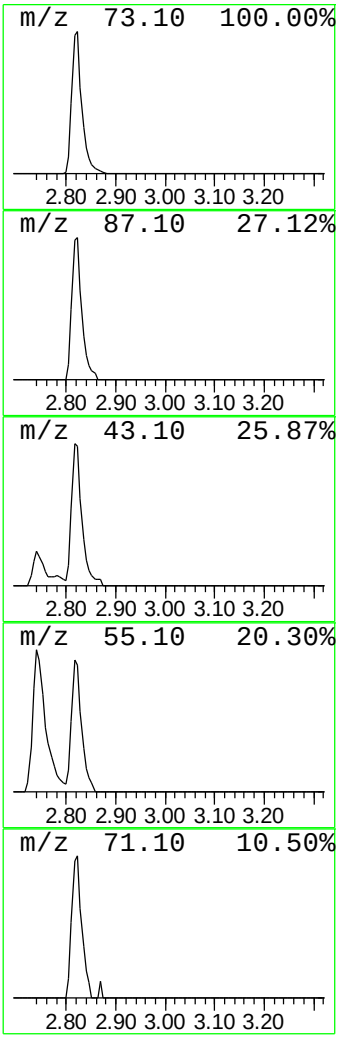
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	15.12 ng/ul	95454	1,4-Dichlorobenzene-d4	7.62

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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Instrument : BNA_M
ClientSampleId : 0311-S16-0003

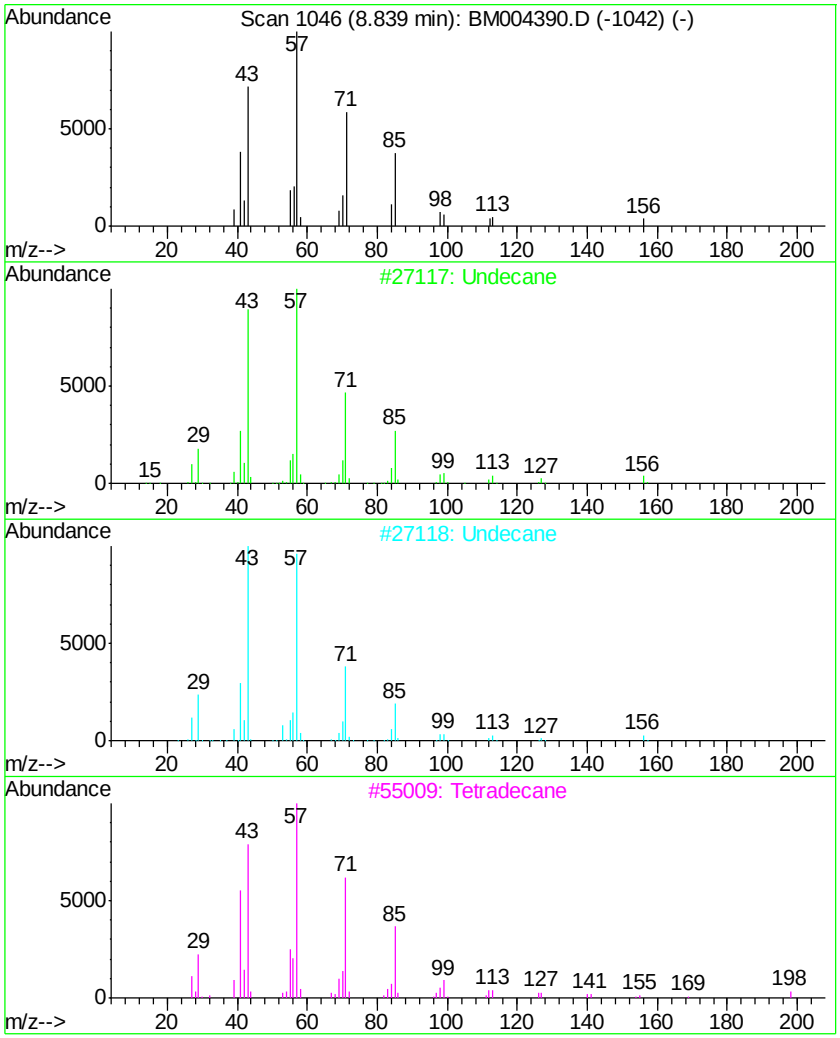
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

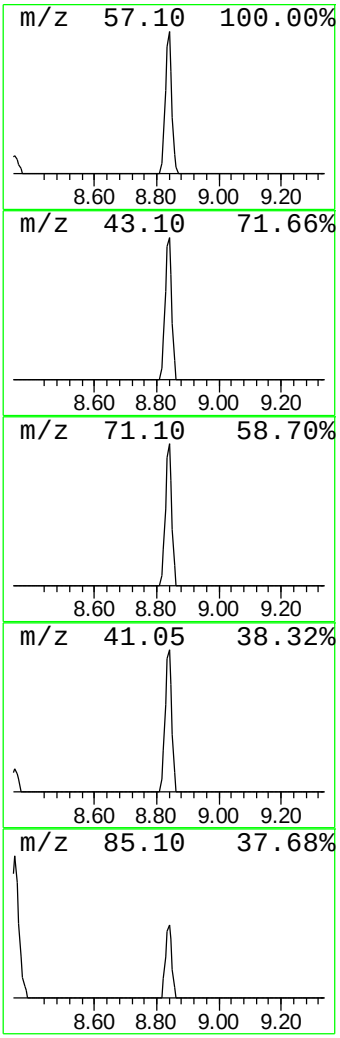
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	8.24 ng/ul	52044	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Undecane	156	C11H24	001120-21-4	90
3	Tetradecane	198	C14H30	000629-59-4	83
4	Decane	142	C10H22	000124-18-5	83
5	Nonadecane	268	C19H40	000629-92-5	78





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : 0311-S16-0003

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Quant Title : SVOA CALIBRATION

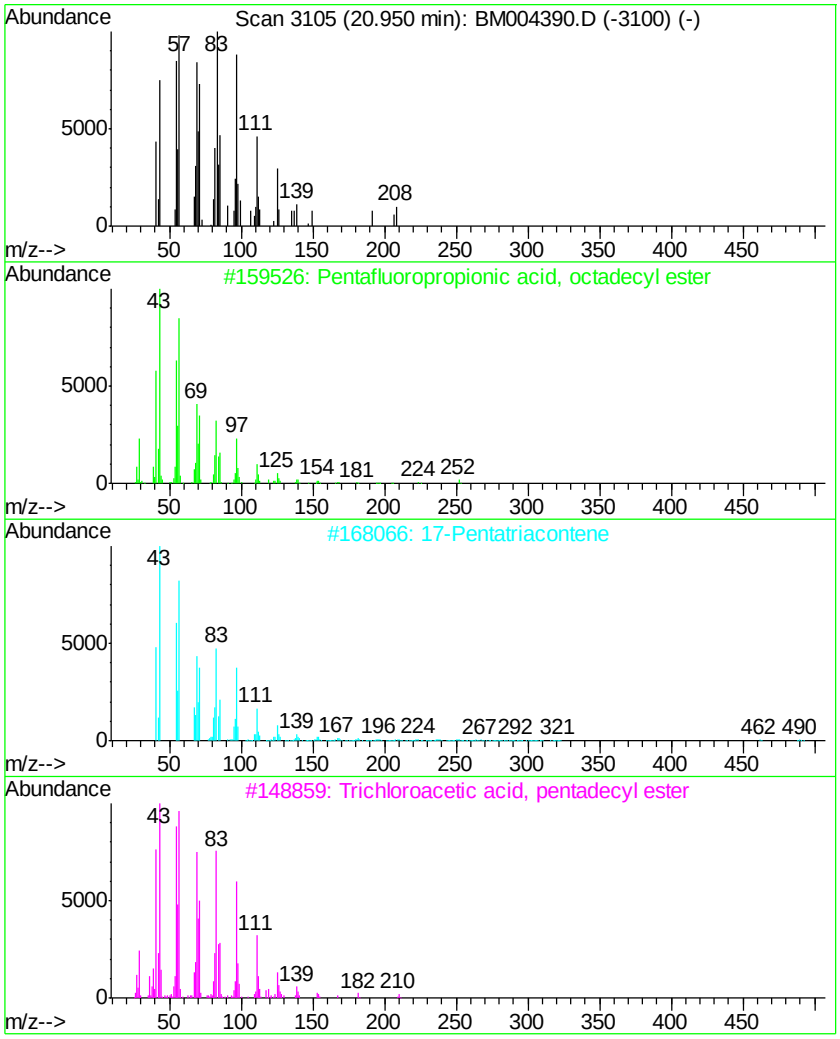
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

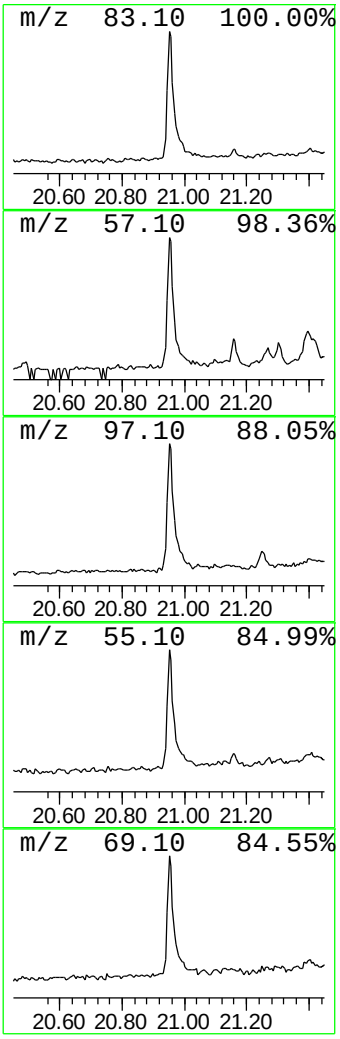
****

Peak Number 4 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.35 ng/ul	91978	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	90





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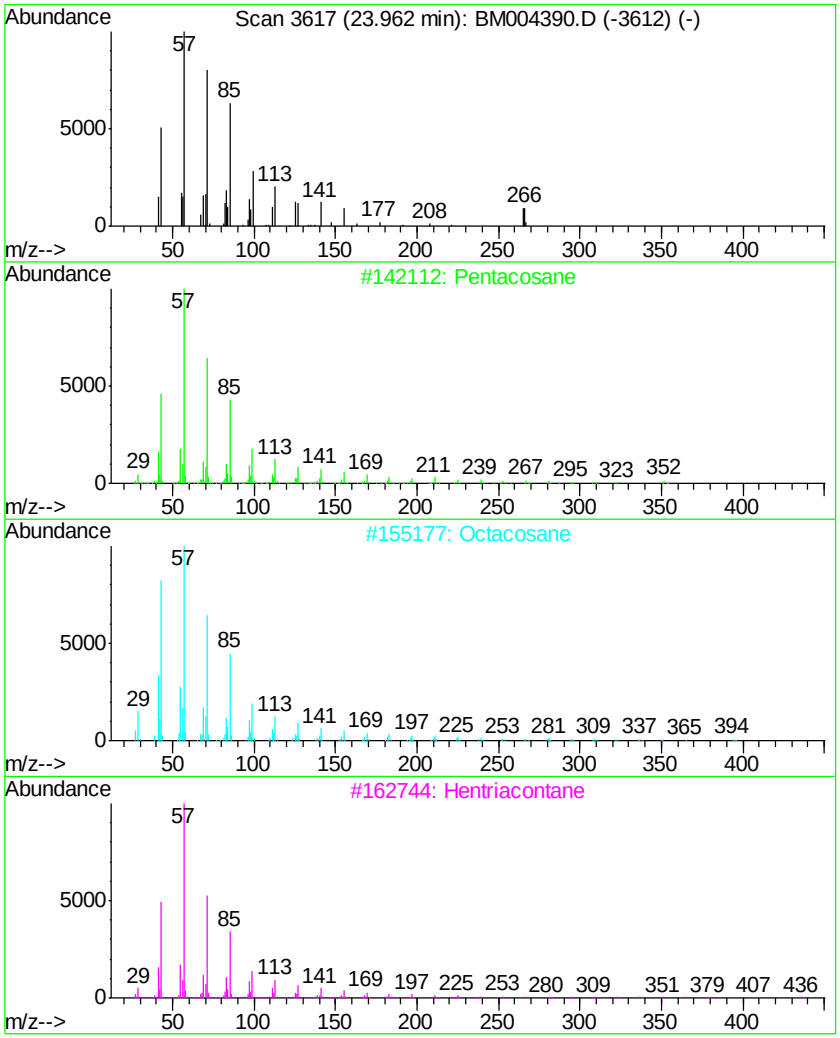
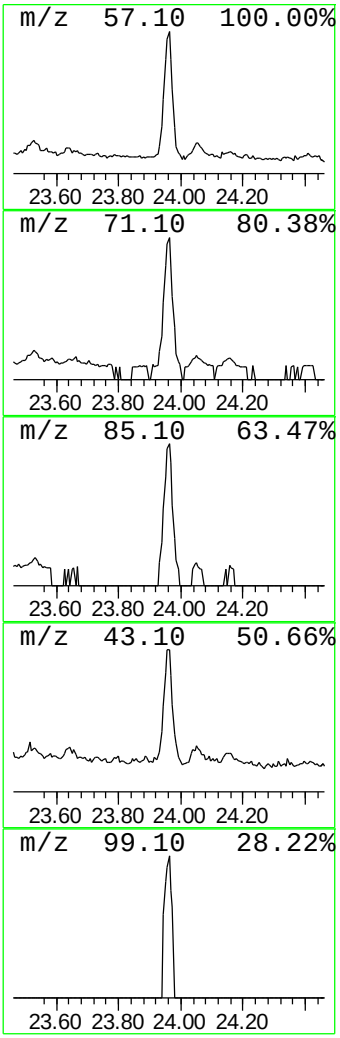
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.35 ng/ul	46220	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Hentriacontane	437	C31H64	000630-04-6	80
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.82	15.1	ng/ul	95454	1	7.62	126285	20.0
(DEL) Alkane: Str...	8.84	8.2	ng/ul	52044	1	7.62	126285	20.0
Pentafluoropropio...	20.95	3.4	ng/ul	91978	5	21.25	548709	20.0
(DEL) Alkane: Str...	23.96	2.4	ng/ul	46220	6	23.47	392607	20.0