LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104205.D
Acq On : 4 Apr 2018 2:46
Operator : JU/SJ
Sample : J2182-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-4-EW@3.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.304	32	37	47	rVB	139111	197835	5.63%	0.677%
2	5.210	527	531	545	rBV	87088	141600	4.03%	0.485%
3	5.592	592	596	628	rBV	1999401	2968755	84.46%	10.160%
4	6.598	762	767	786	rBV	2080269	3098026	88.14%	10.602%
5	6.734	786	790	813	rVB	2609545	3213708	91.43%	10.998%
6	6.957	825	828	845	rBV	346583	564740	16.07%	1.933%
7	7.116	851	855	879	rBV	2106618	2498400	71.08%	8.550%
8	7.528	921	925	947	rBV	1306983	2022411	57.54%	6.921%
9	7.669	947	949	956	rVB2	25938	39562	1.13%	0.135%
10	8.239	1042	1046	1063	rBV	640279	846919	24.09%	2.898%
11	9.310	1224	1228	1244	rBV	2990822	3515087	100.00%	12.029%
12	9.704	1289	1295	1301	rBV	273260	311678	8.87%	1.067%
13	9.904	1326	1329	1333	rVB	71207	56151	1.60%	0.192%
14	9.998	1341	1345	1362	rBV	938707	1007977	28.68%	3.449%
15	10.380	1406	1410	1412	rBV	65353	53550	1.52%	0.183%
16	10.404	1412	1414	1417	rVB	90551	65985	1.88%	0.226%
17	10.792	1476	1480	1492	rBV	1659778	2152083	61.22%	7.365%
18	10.880	1492	1495	1504	rVB	89566	136037	3.87%	0.466%
19	11.492	1596	1599	1615	rBV	724695	988535	28.12%	3.383%
20	13.080	1864	1869	1890	rBV	2796530	3138989	89.30%	10.742%
21	13.945	2013	2016	2028	rBV	341862	389491	11.08%	1.333%
22	14.145	2047	2050	2061	rBV	554609	758941	21.59%	2.597%
23	14.592	2121	2126	2134	rBV6	27194	46393	1.32%	0.159%
24	14.892	2173	2177	2187	rBV	238566	311031	8.85%	1.064%
25	15.686	2308	2312	2329	rVB	339721	598056	17.01%	2.047%
26	16.174	2390	2395	2402	rBV4	25196	58090	1.65%	0.199%
27	16.645	2469	2475	2479	rBV4	20403	41047	1.17%	0.140%

Sum of corrected areas: 29221077

LSC Report - Integrated Chromatogram

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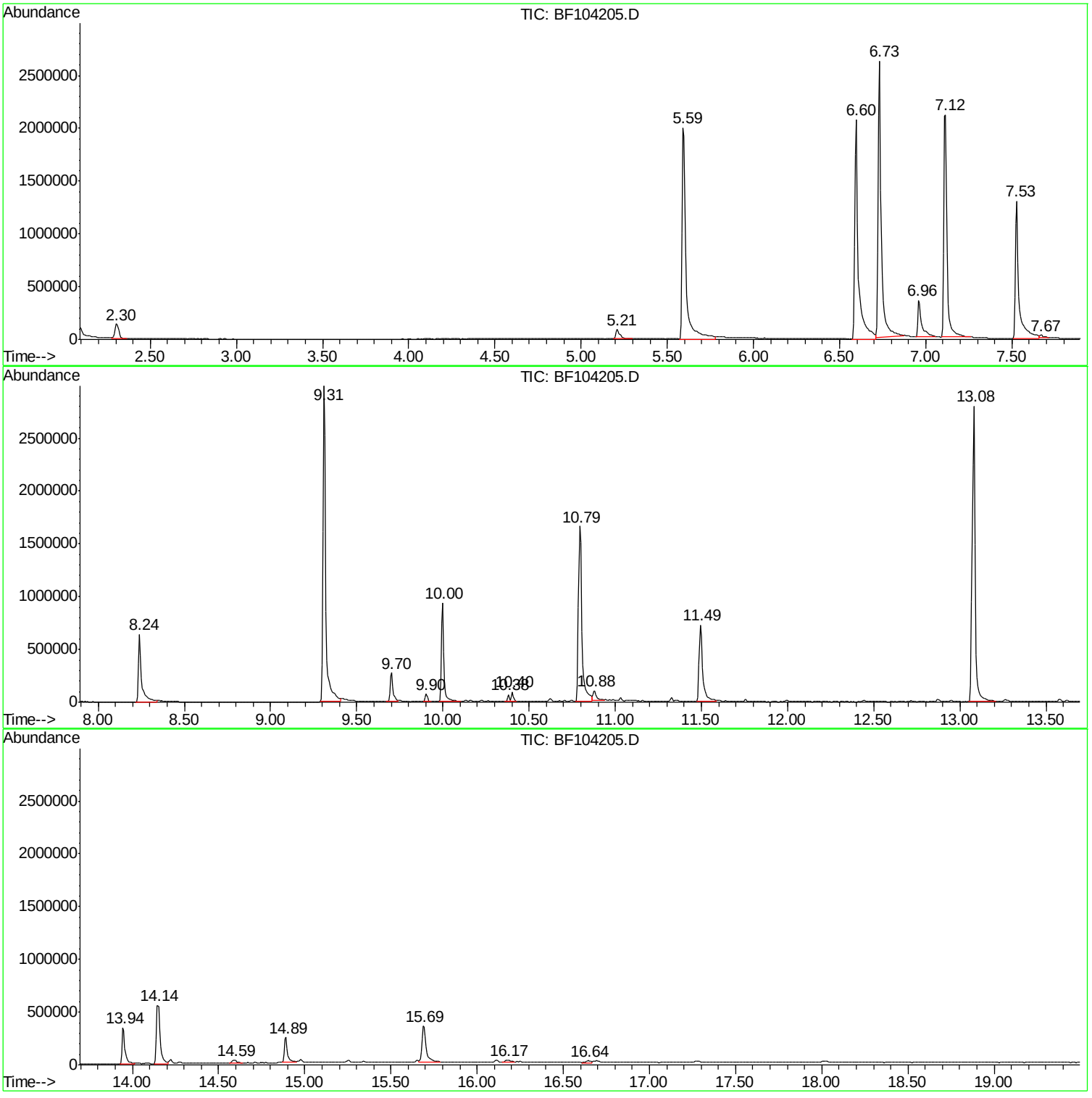
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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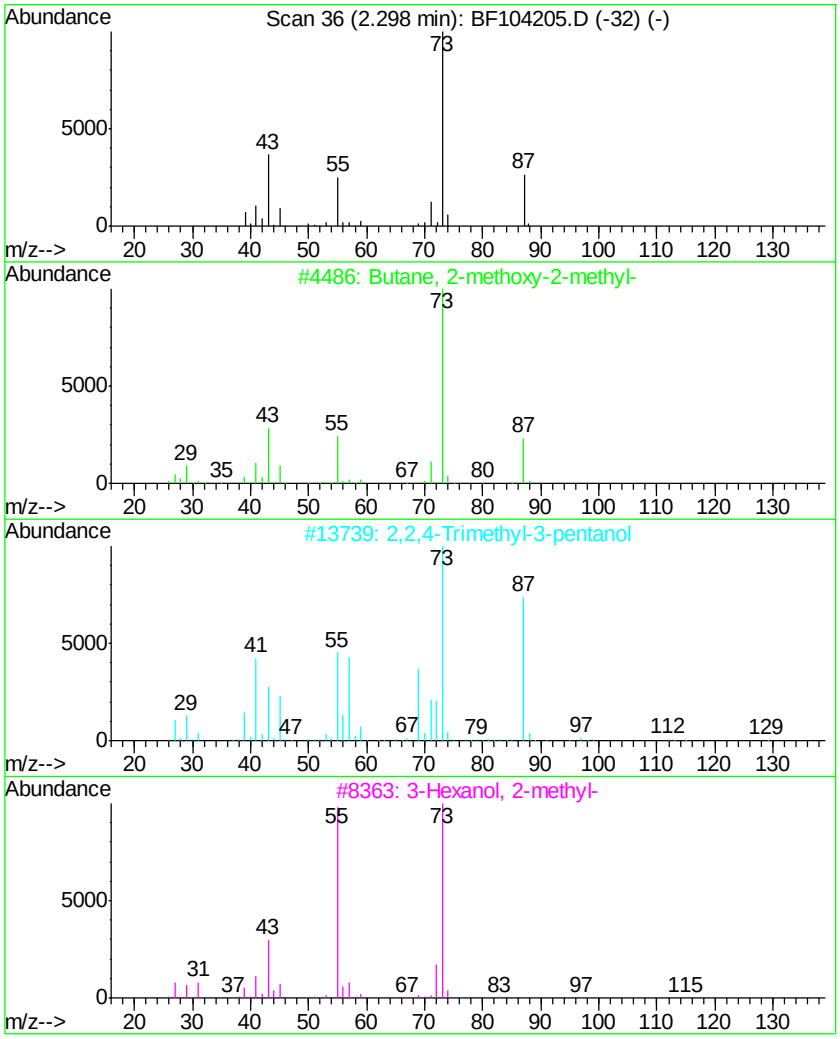
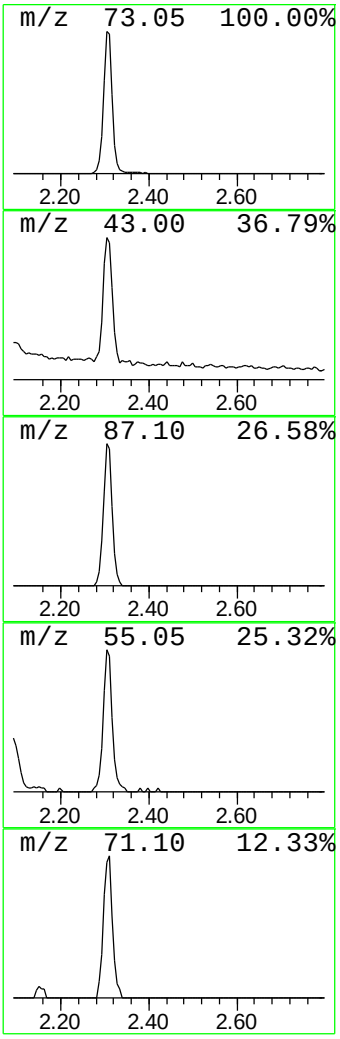
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	7.01 ng	197835	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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ClientSampleId : 6-WM-DIP-4-EW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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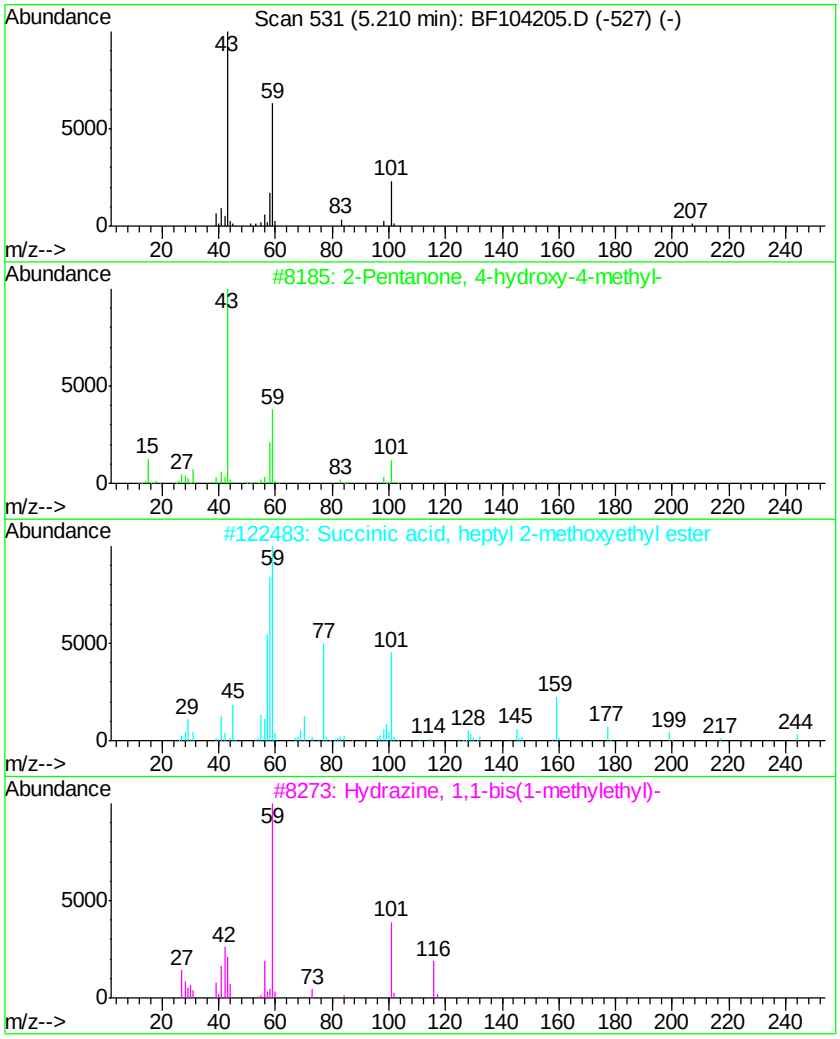
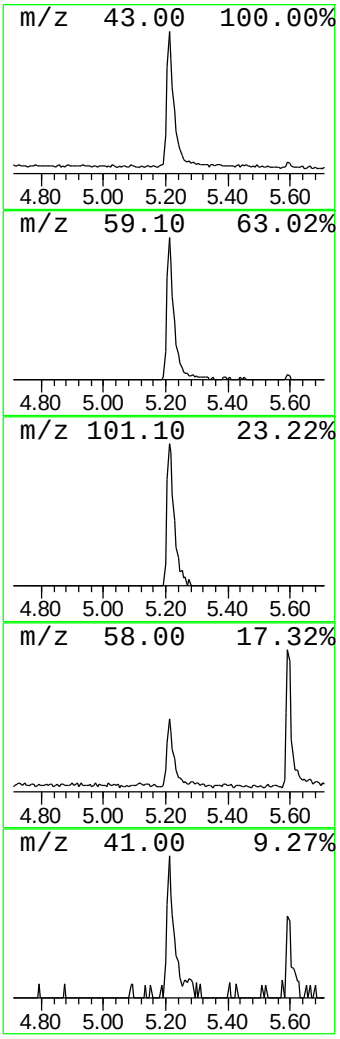
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	5.01 ng	141600	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	28
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	2-Nonanone	142	C9H18O	000821-55-6	10





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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-4-EW@3.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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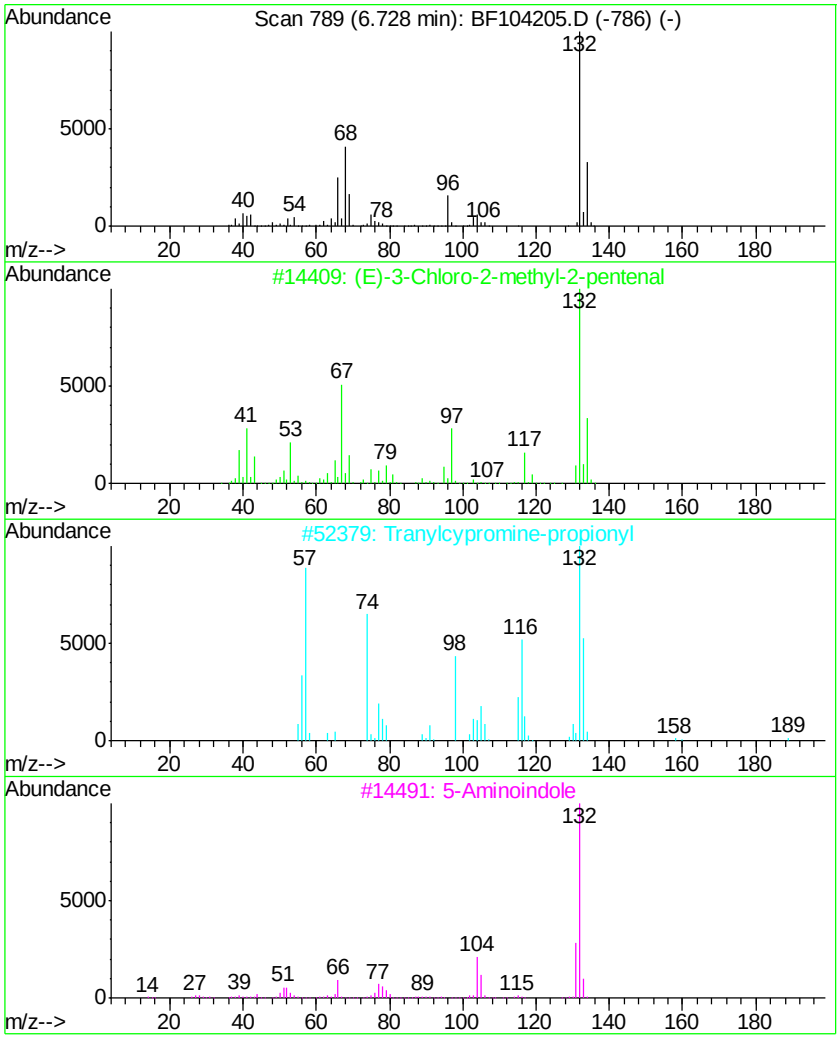
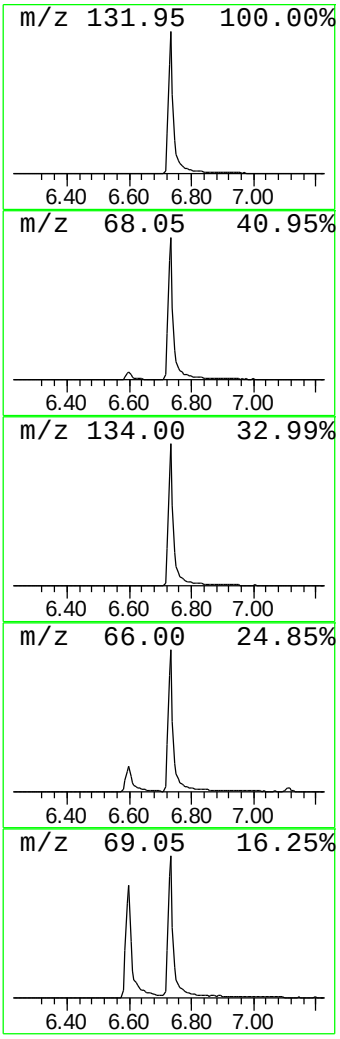
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	113.81 ng	3213710	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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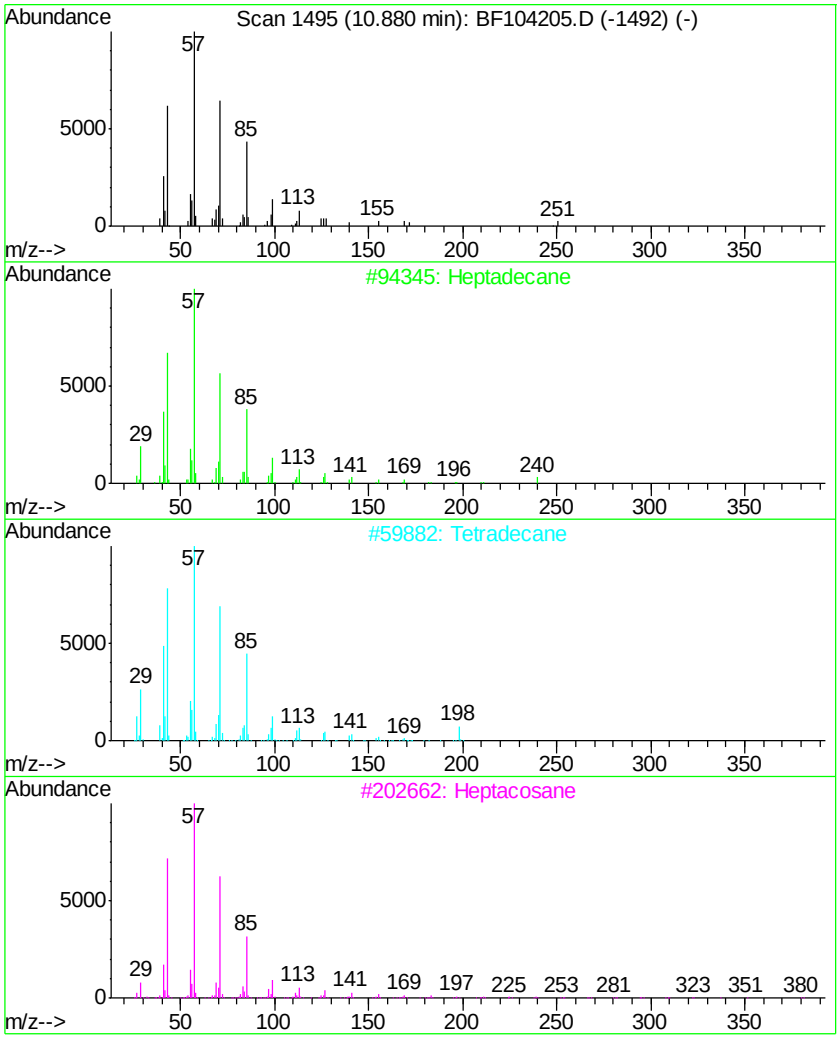
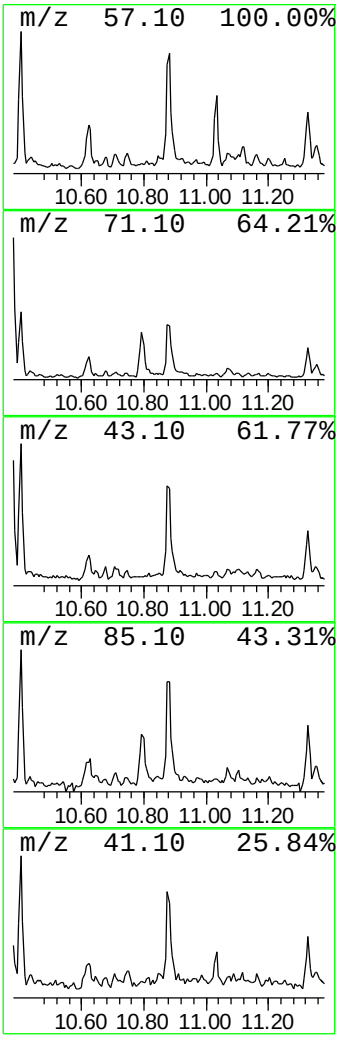
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.75 ng	136037	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetracosane	338	C24H50	000646-31-1	80





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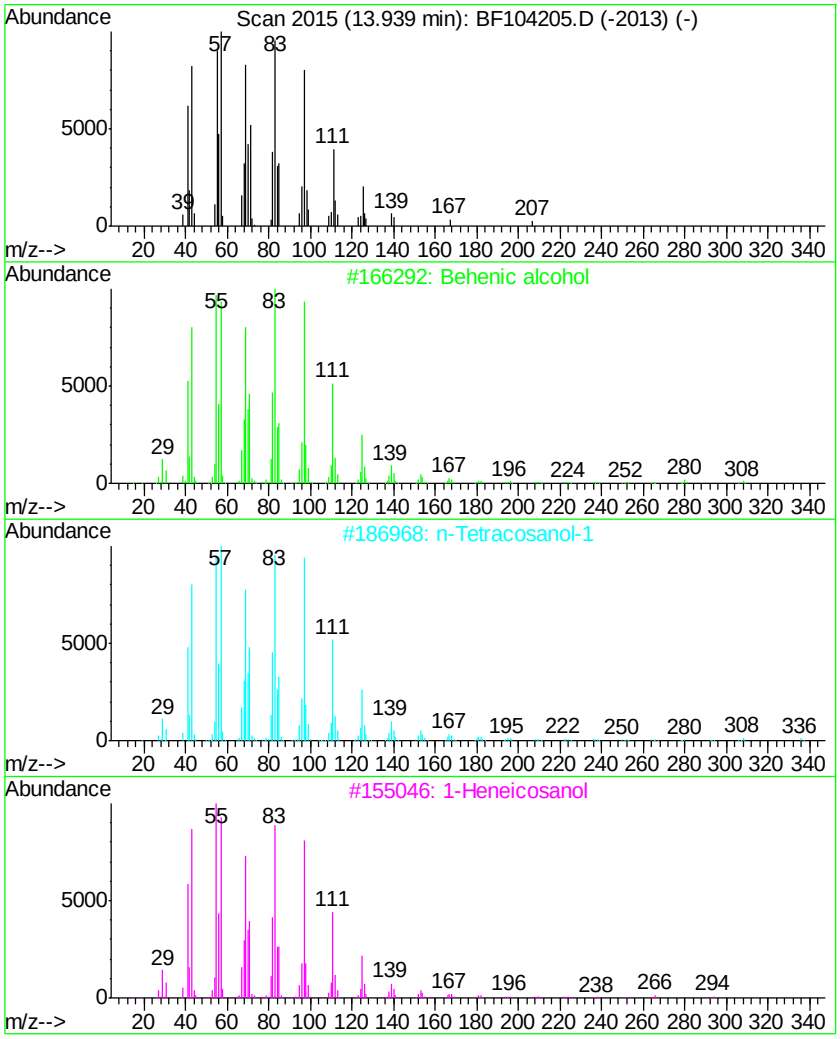
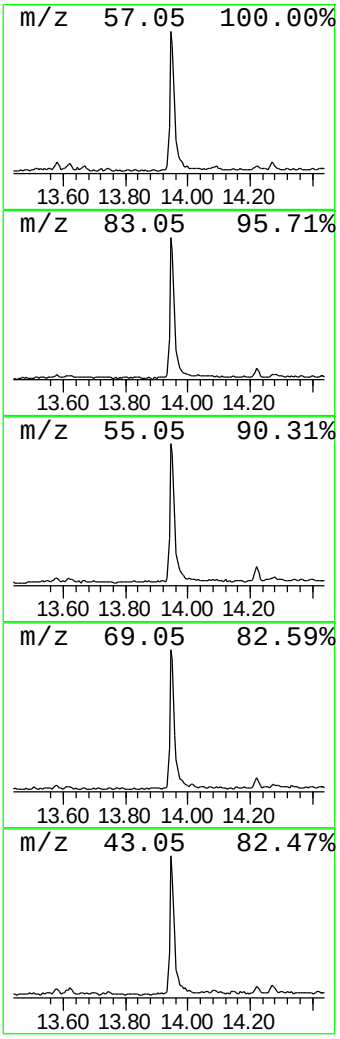
Peak Number 6 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	10.26 ng	389491	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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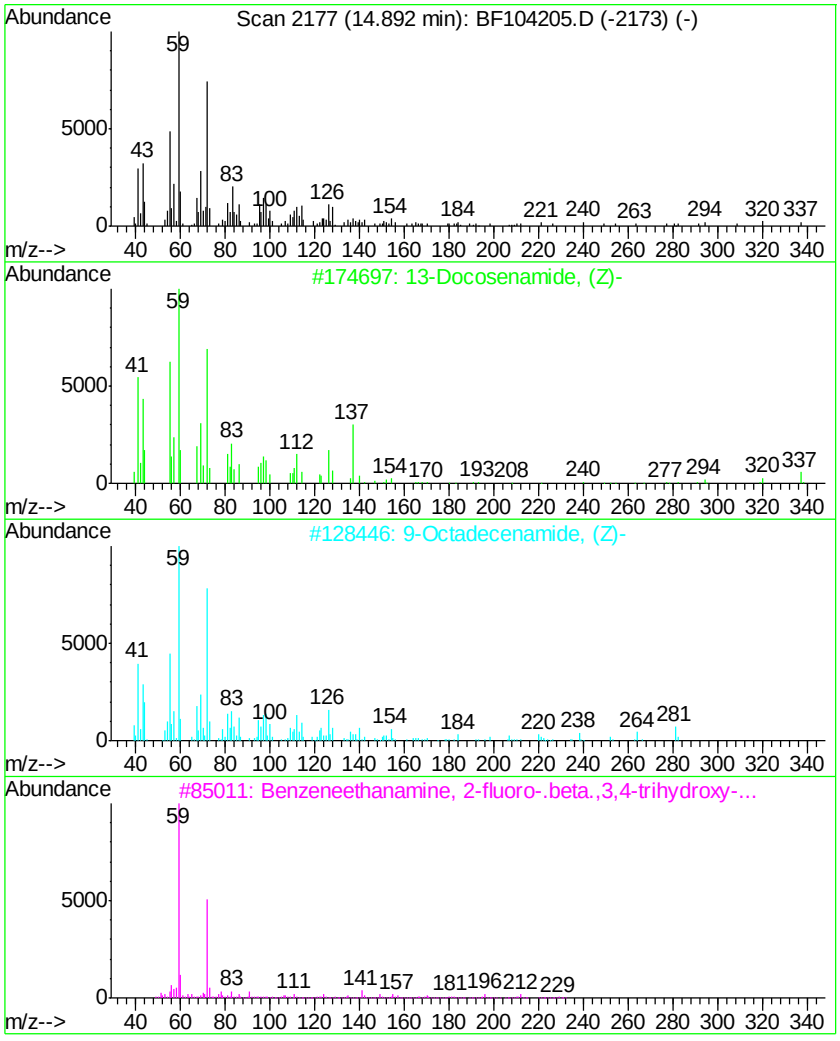
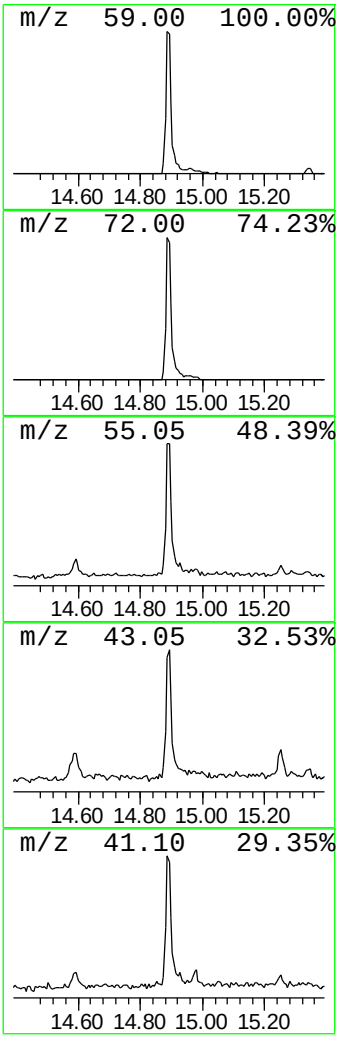
Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	8.20 ng	311031	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
4	Octadecanamide	283	C18H37NO	000124-26-5	43
5	1,1,2-Trimethyl-1-silacyclobutane	114	C6H14Si	030681-90-4	38





Tentatively Identified Compound (LSC) summary

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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...	2.30	7.0	ng	197835	1	6.96	564740	20.0
2-Pentanone, 4-hy...	5.21	5.0	ng	141600	1	6.96	564740	20.0
unknown6.73	6.73	113.8	ng	3213710	1	6.96	564740	20.0
Heptadecane	10.88	2.8	ng	136037	4	11.49	988535	20.0
Behenic alcohol	13.94	10.3	ng	389491	5	14.15	758941	20.0
13-Docosenamide, ...	14.89	8.2	ng	311031	5	14.15	758941	20.0