LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104208.D
Acq On : 4 Apr 2018 4:05
Operator : JU/SJ
Sample : J2182-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-1-EW@10.5

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	2.287	29	34	41	rVB	107634	139059	3.89%	0.486%
2	5.204	526	530	539	rBV	95258	148339	4.15%	0.518%
3	5.592	592	596	633	rBV	2035547	2785074	77.86%	9.730%
4	6.592	762	766	786	rBV	1785058	2911603	81.39%	10.172%
5	6.734	786	790	825	rVV	2402869	3291484	92.01%	11.500%
6	6.957	825	828	851	rVV	330345	625849	17.50%	2.187%
7	7.110	851	854	880	rVB	1993926	2395188	66.96%	8.368%
8	7.528	921	925	947	rBV	1122379	1873520	52.37%	6.546%
9	7.669	947	949	966	rVB	32017	81700	2.28%	0.285%
10	8.239	1042	1046	1080	rBV	609068	875780	24.48%	3.060%
11	9.310	1224	1228	1251	rBV	3033017	3577148	100.00%	12.498%
12	9.704	1289	1295	1301	rBV	249884	286395	8.01%	1.001%
13	9.904	1325	1329	1333	rBV	68555	56503	1.58%	0.197%
14	9.998	1341	1345	1357	rBV	931546	979648	27.39%	3.423%
15	10.404	1411	1414	1417	rVB	90854	65713	1.84%	0.230%
16	10.792	1476	1480	1492	rBV	1655658	2158991	60.36%	7.543%
17	10.874	1492	1494	1505	rVB	91197	136422	3.81%	0.477%
18	11.492	1595	1599	1615	rBV	704422	971331	27.15%	3.394%
19	13.080	1864	1869	1886	rBV	2761359	3272380	91.48%	11.433%
20	13.945	2013	2016	2028	rBV	288582	356800	9.97%	1.247%
21	14.151	2047	2051	2060	rBV	525763	722712	20.20%	2.525%
22	14.221	2060	2063	2068	rVB2	39256	40226	1.12%	0.141%
23	14.886	2173	2176	2186	rBV	172600	216791	6.06%	0.757%
24	14.974	2188	2191	2194	rVB	53732	53231	1.49%	0.186%
25	15.686	2307	2312	2327	rVB	314564	560856	15.68%	1.959%
26	16.168	2390	2394	2400	rBV6	21149	39986	1.12%	0.140%

Sum of corrected areas: 28622729

LSC Report - Integrated Chromatogram

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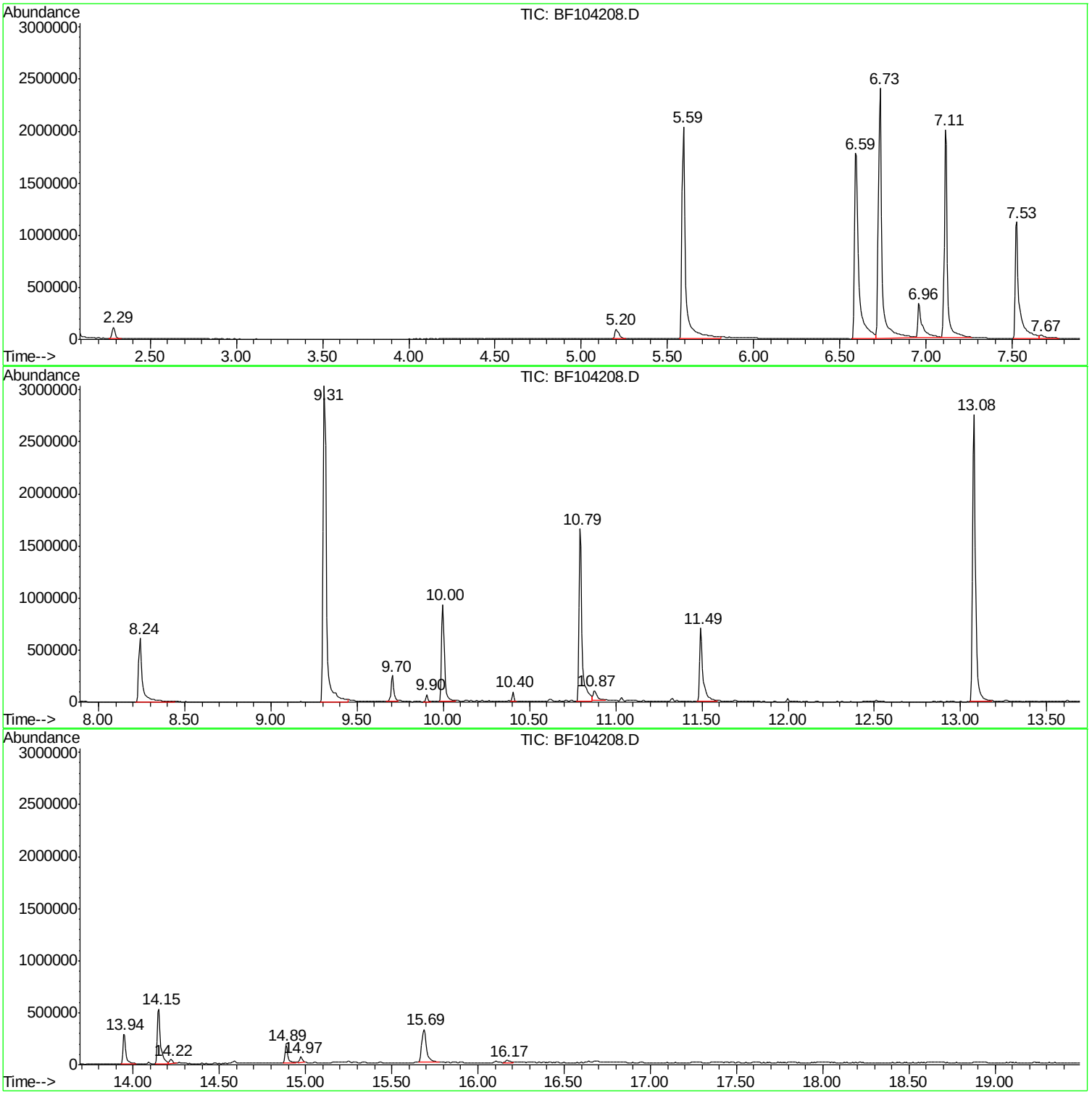
ClientSampleId :
6-WM-DIP-1-EW@10.5

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



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

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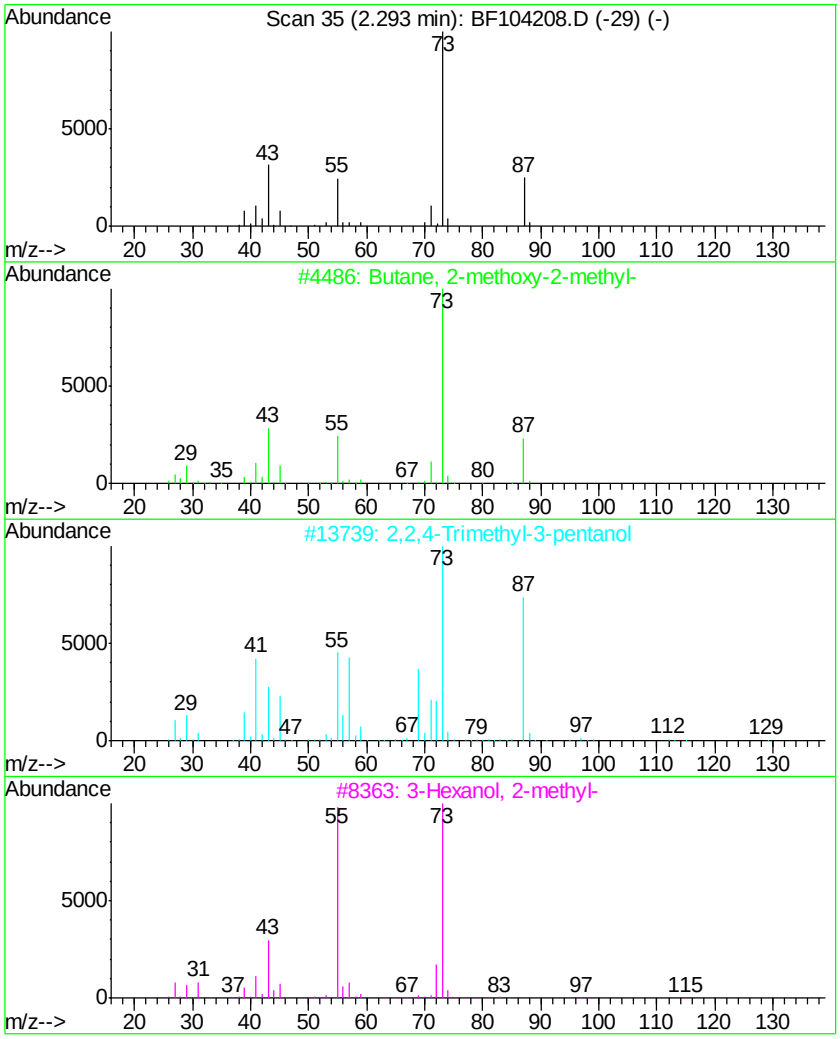
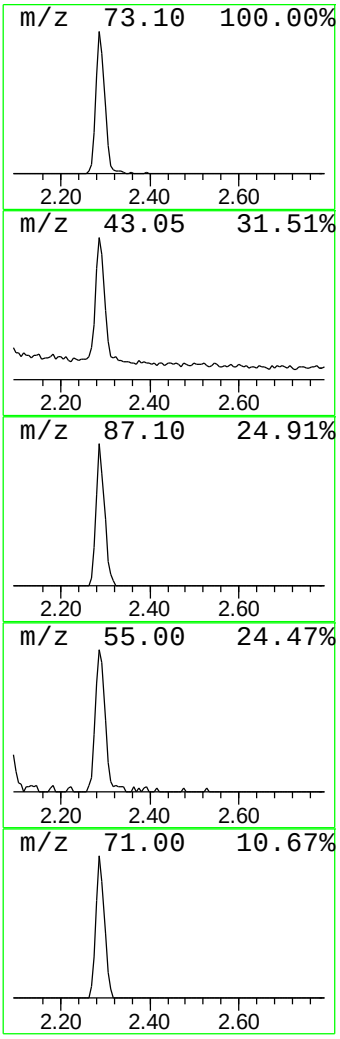
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.29	4.44 ng	139059	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	86
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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





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ClientSampleId : 6-WM-DIP-1-EW@10.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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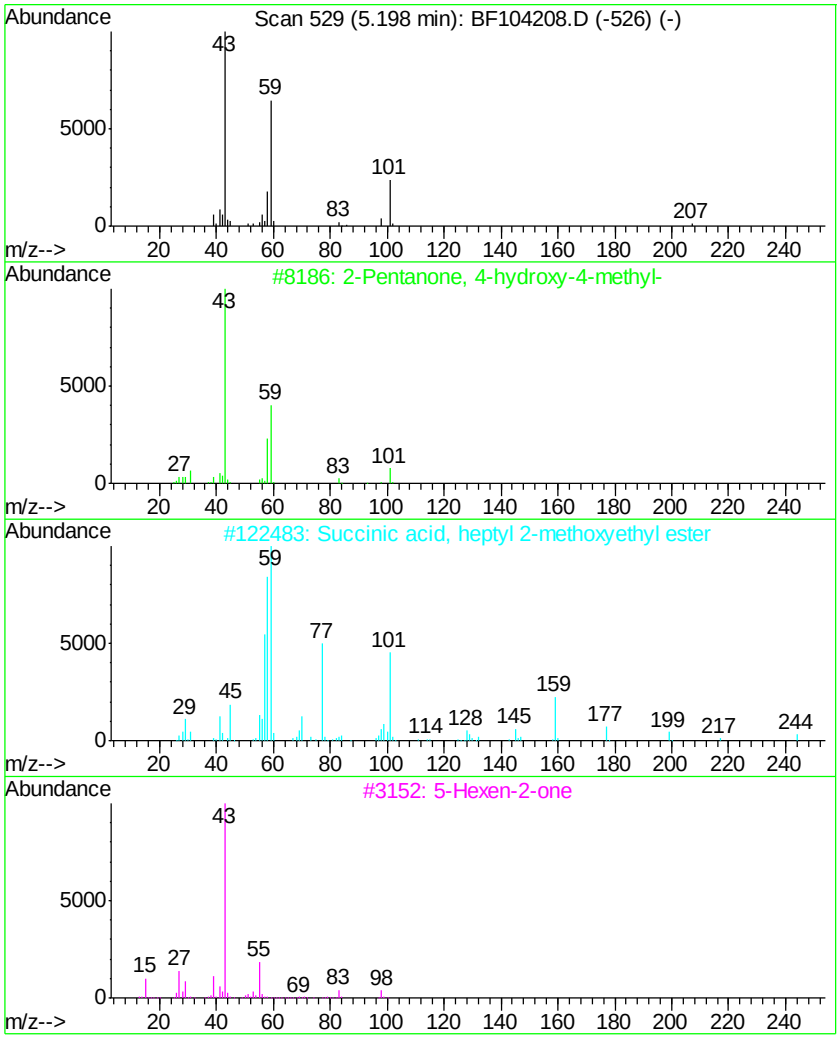
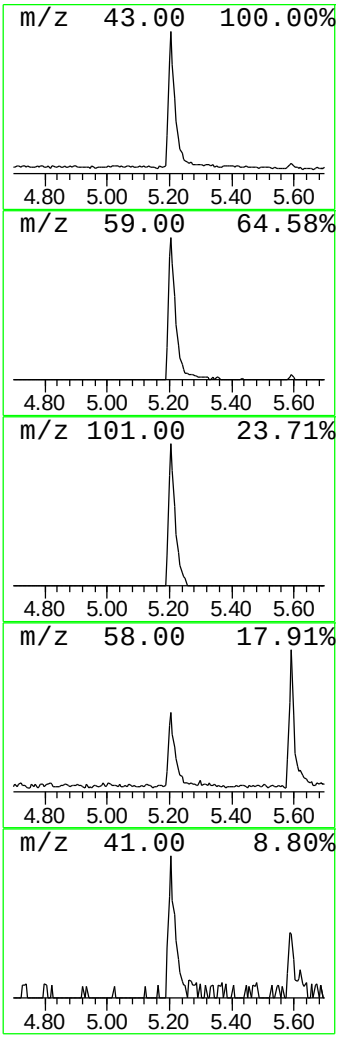
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.74 ng	148339	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	40
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane	58	C4H10	000106-97-8	9





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Sample : J2182-02
Misc :
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Instrument : BNA_F
ClientSampleId : 6-WM-DIP-1-EW@10.5

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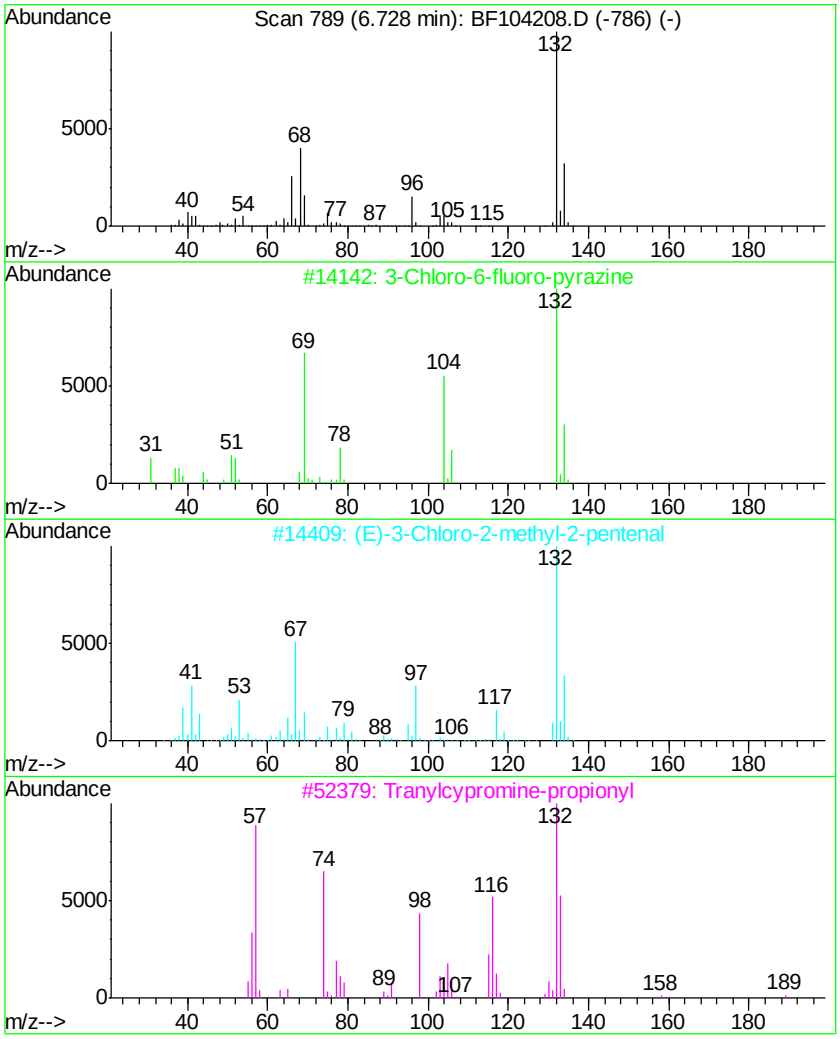
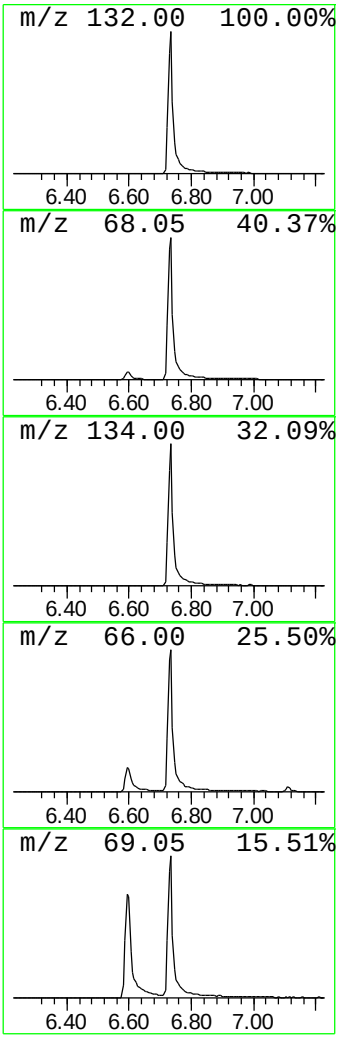
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	105.19 ng	3291480	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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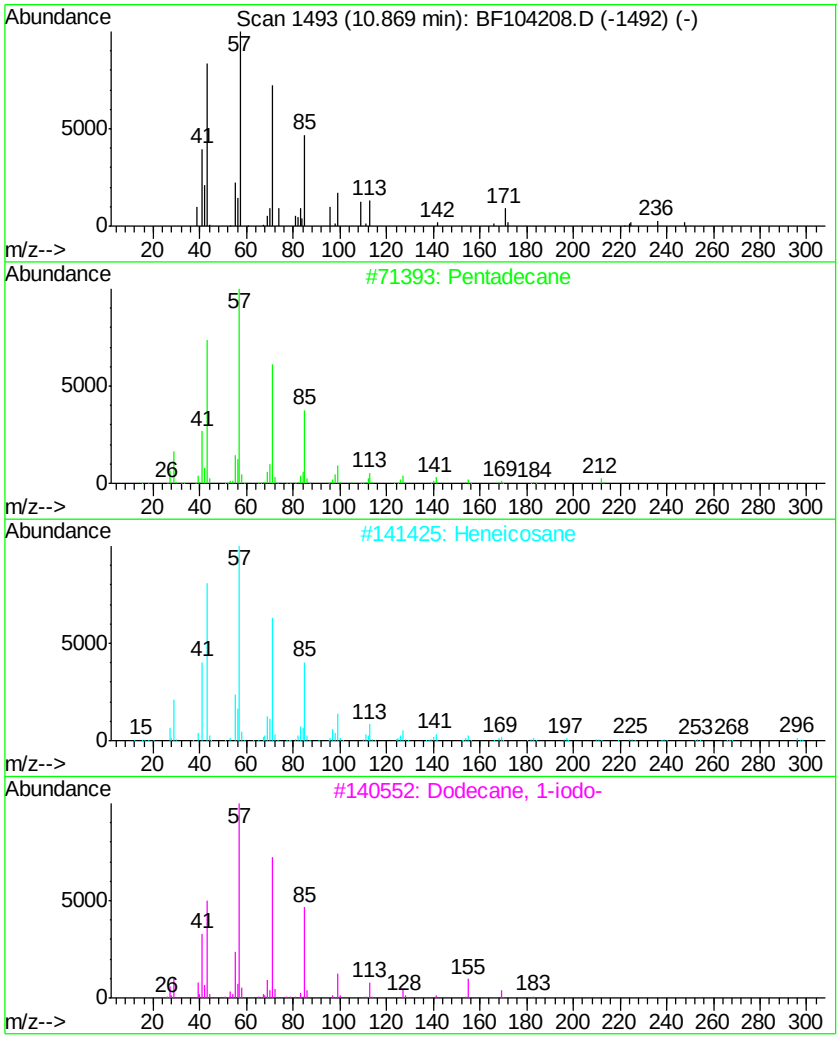
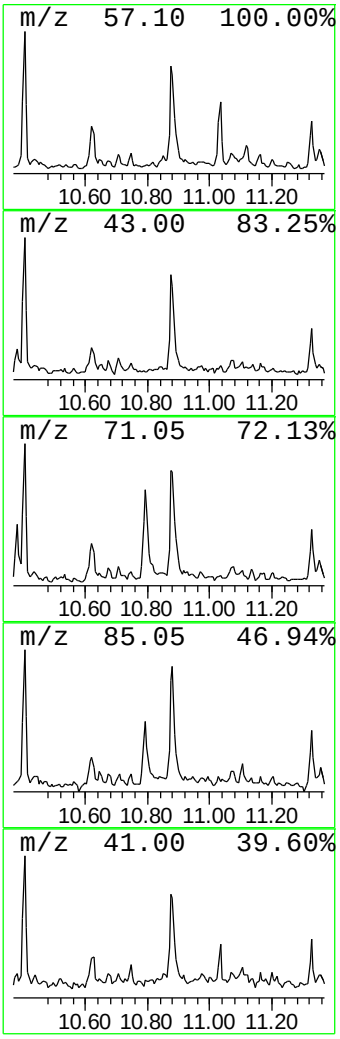
Peak Number 5 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.81 ng	136422	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	90





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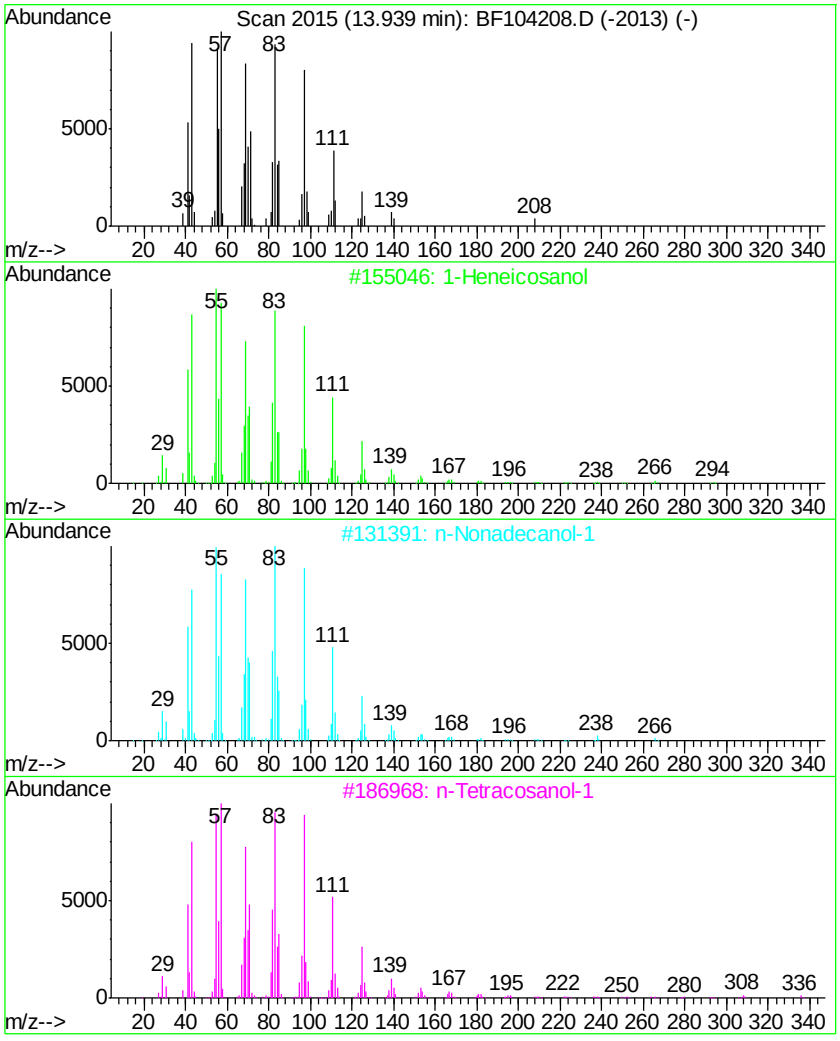
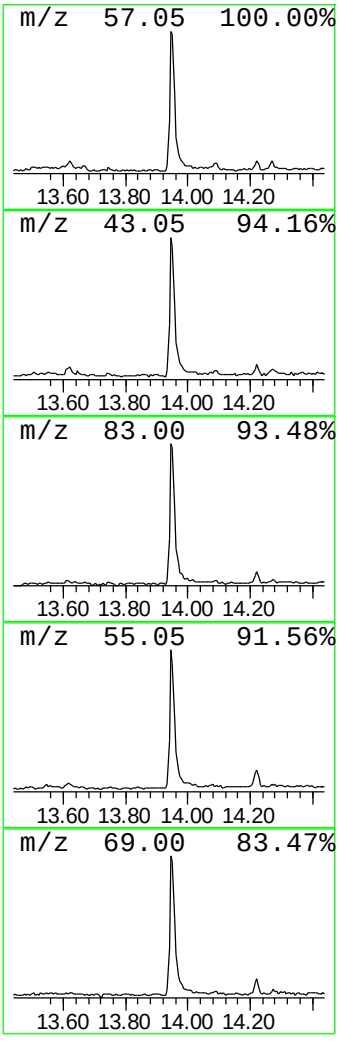
Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	9.87 ng	356800	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94





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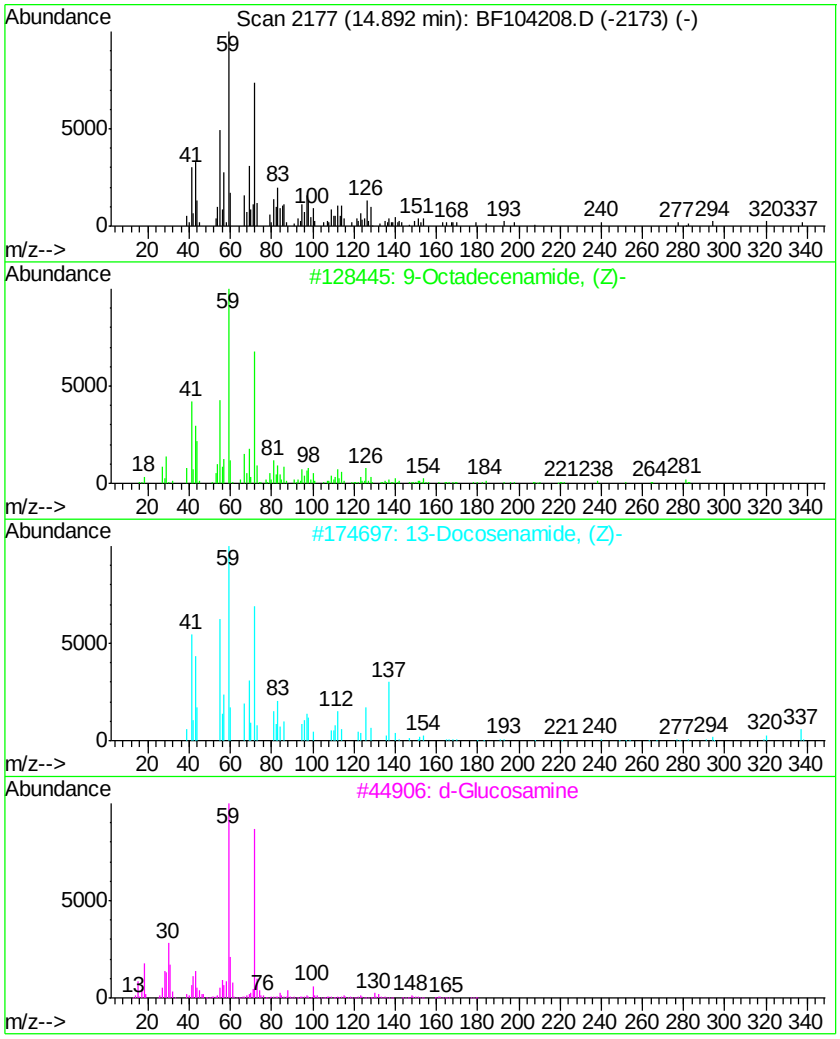
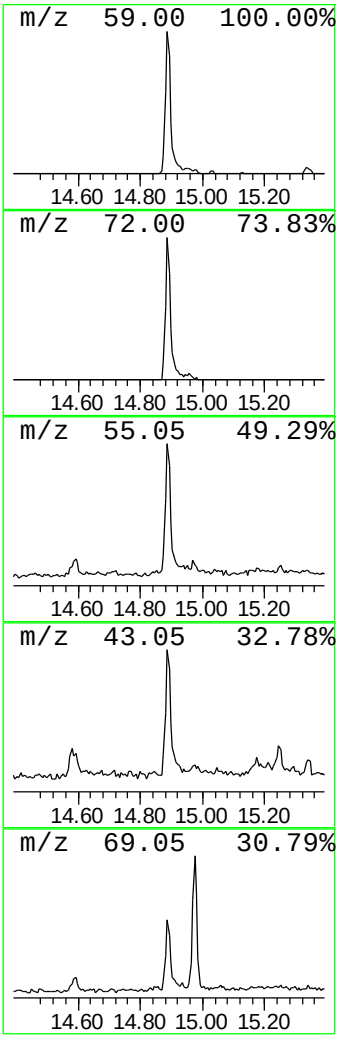
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	6.00 ng	216791	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
3	d-Glucosamine	179	C6H13NO5	000090-77-7	59
4	Octadecanamide	283	C18H37NO	000124-26-5	43
5	1,1,3-Trimethyl-1-silacyclobutane	114	C6H14Si	002295-13-8	35





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...	2.29	4.4	ng	139059	1	6.96	625849	20.0
2-Pentanone, 4-hy...	5.20	4.7	ng	148339	1	6.96	625849	20.0
unknown6.73	6.73	105.2	ng	3291480	1	6.96	625849	20.0
Pentadecane	10.87	2.8	ng	136422	4	11.49	971331	20.0
1-Heneicosanol	13.94	9.9	ng	356800	5	14.15	722712	20.0
9-Octadecenamide,...	14.89	6.0	ng	216791	5	14.15	722712	20.0