LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104201.D
Acq On : 4 Apr 2018 1:01
Operator : JU/SJ
Sample : J2182-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-2-EW@4.5

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	2.281	28	33	41	rVB	99922	135193	4.24%	0.519%
2	5.204	527	530	542	rBV	74395	113797	3.57%	0.437%
3	5.593	592	596	621	rBV	1899079	2505100	78.63%	9.621%
4	6.598	763	767	786	rBV	1788354	2770467	86.96%	10.640%
5	6.734	786	790	813	rVB	2362656	2837429	89.06%	10.898%
6	6.957	825	828	851	rVB	332868	525283	16.49%	2.017%
7	7.116	851	855	875	rBV	1893898	2179274	68.40%	8.370%
8	7.528	921	925	947	rBV	1067170	1743892	54.73%	6.698%
9	8.239	1042	1046	1062	rBV	605389	772545	24.25%	2.967%
10	9.310	1224	1228	1237	rBV	2813874	3186074	100.00%	12.237%
11	9.704	1288	1295	1302	rBV	228141	259350	8.14%	0.996%
12	9.904	1325	1329	1333	rBV	79739	62958	1.98%	0.242%
13	9.998	1341	1345	1357	rBV	906476	931124	29.22%	3.576%
14	10.404	1411	1414	1417	rVB	106607	73207	2.30%	0.281%
15	10.622	1446	1451	1454	rBV2	27327	35036	1.10%	0.135%
16	10.792	1476	1480	1492	rBV	1616778	1974817	61.98%	7.585%
17	10.875	1492	1494	1505	rVB	97431	142082	4.46%	0.546%
18	11.492	1596	1599	1621	rBV	709894	932598	29.27%	3.582%
19	13.080	1864	1869	1886	rBV	2700206	3021769	94.84%	11.606%
20	13.951	2013	2017	2032	rVB	114758	136176	4.27%	0.523%
21	14.151	2047	2051	2060	rBV	528898	703911	22.09%	2.703%
22	14.892	2173	2177	2184	rBV	376640	431251	13.54%	1.656%
23	15.692	2308	2313	2327	rVB	319398	563871	17.70%	2.166%

Sum of corrected areas: 26037204

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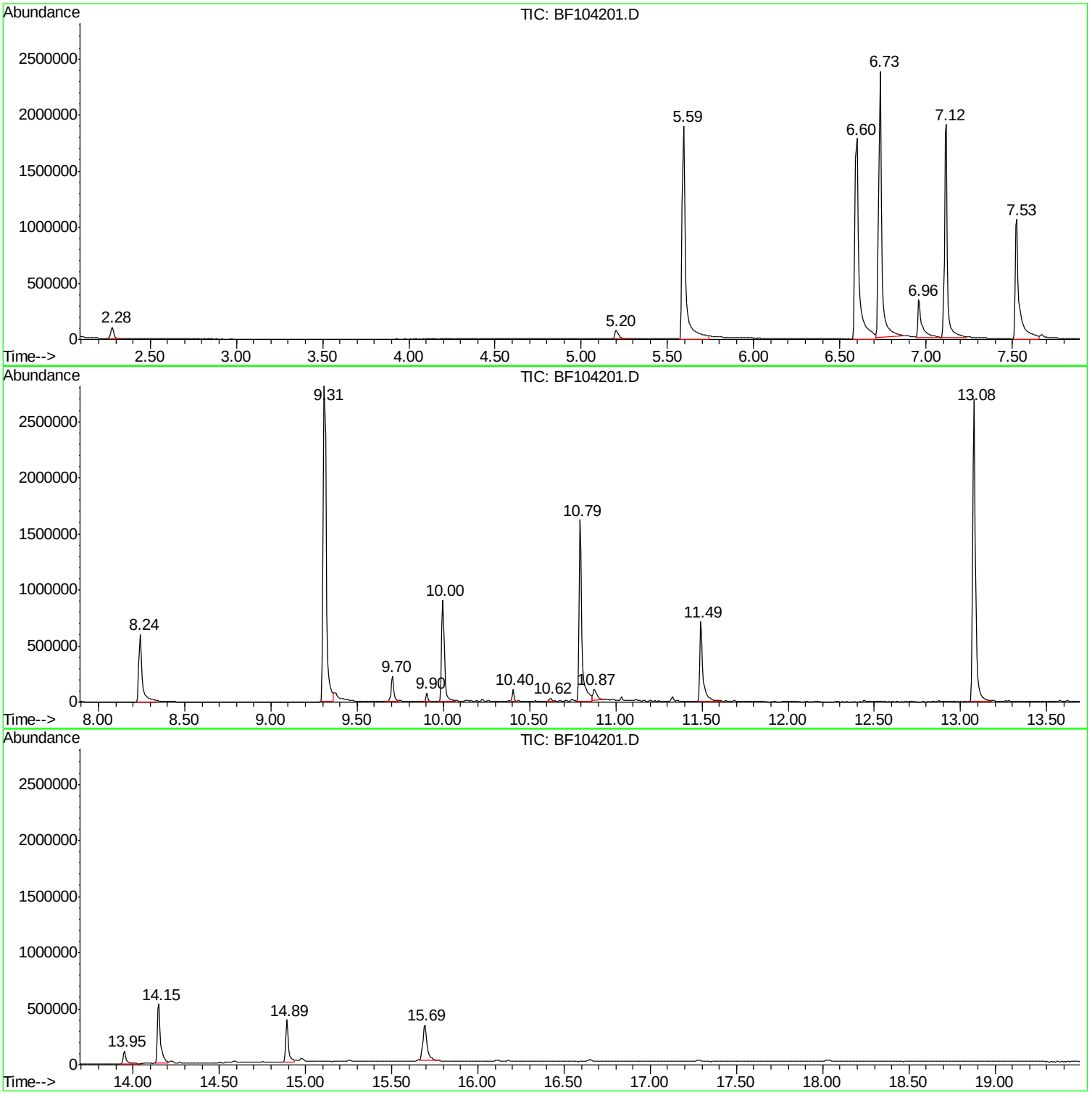
6-WM-DIP-2-EW@4.5

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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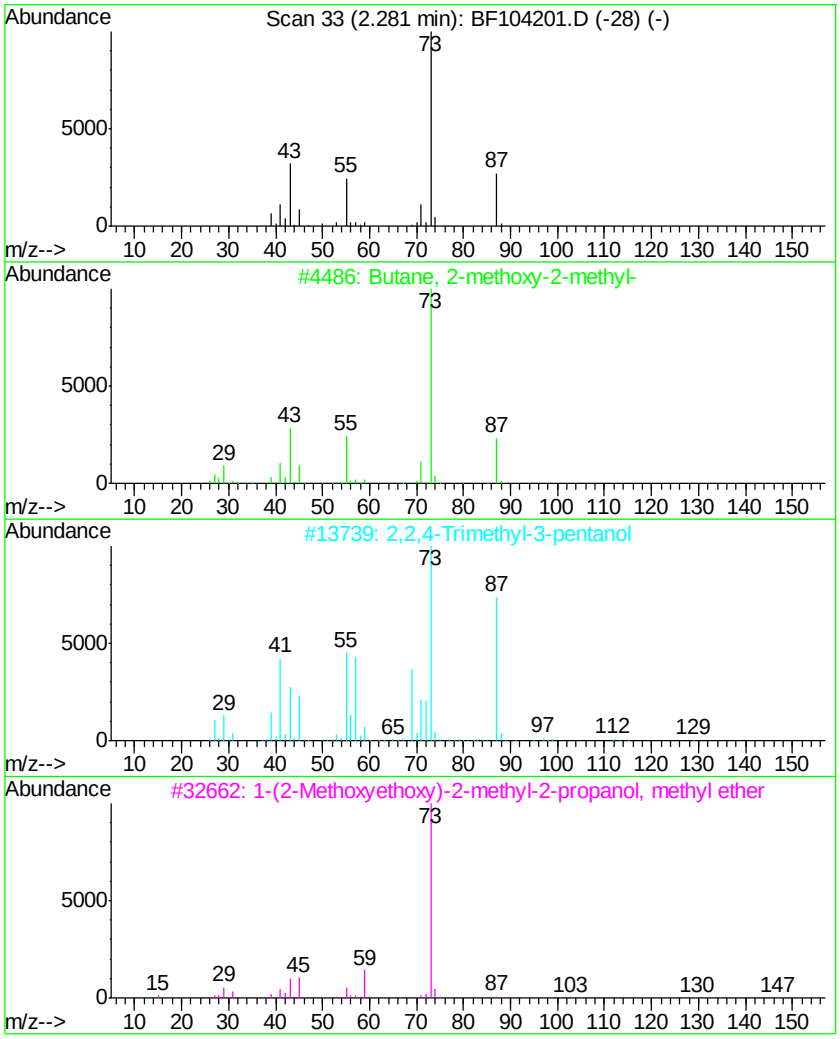
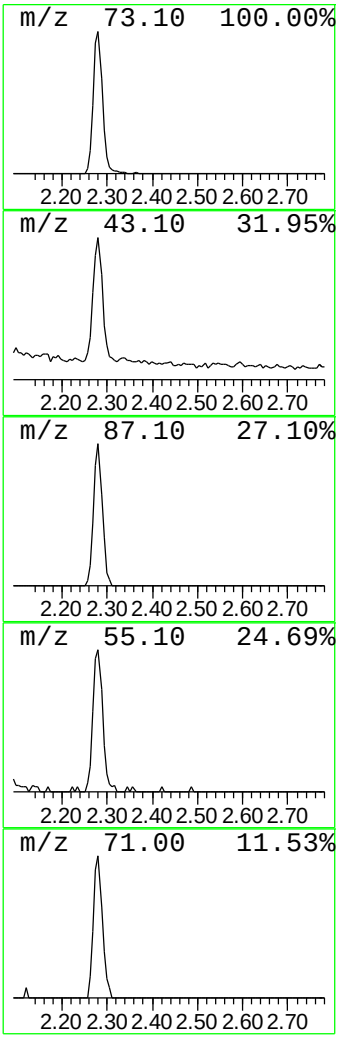
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.28	5.15 ng	135193	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17





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ClientSampleId : 6-WM-DIP-2-EW@4.5

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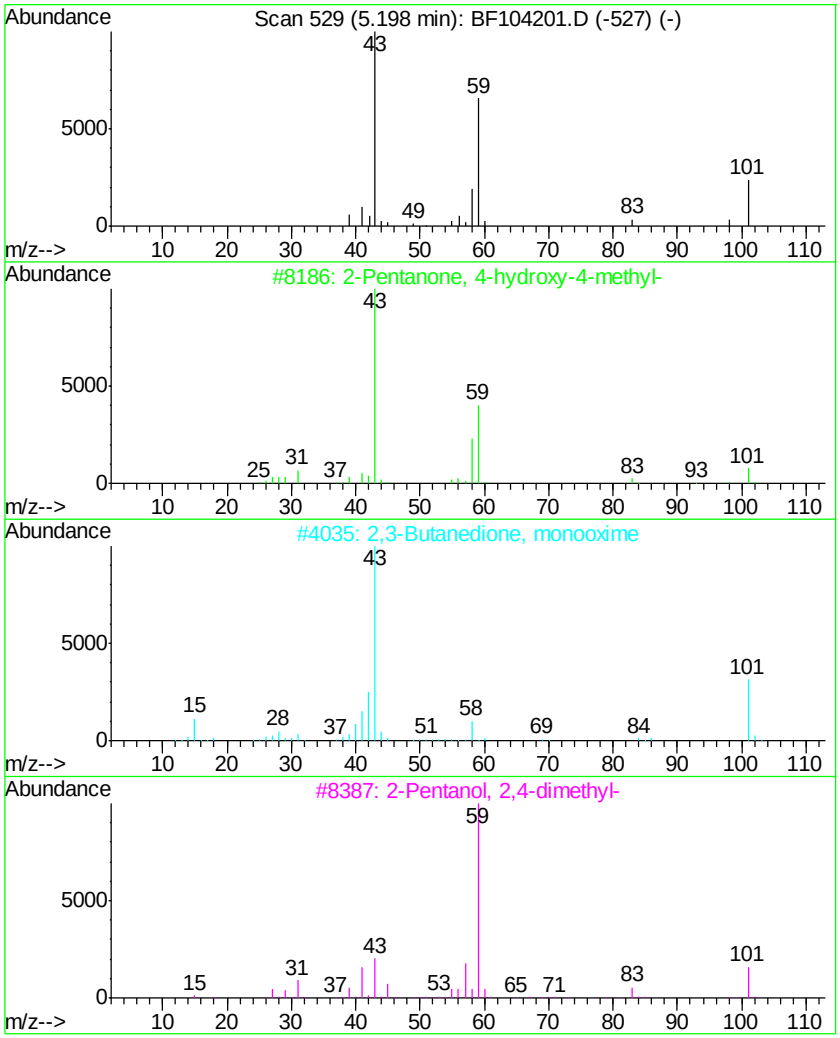
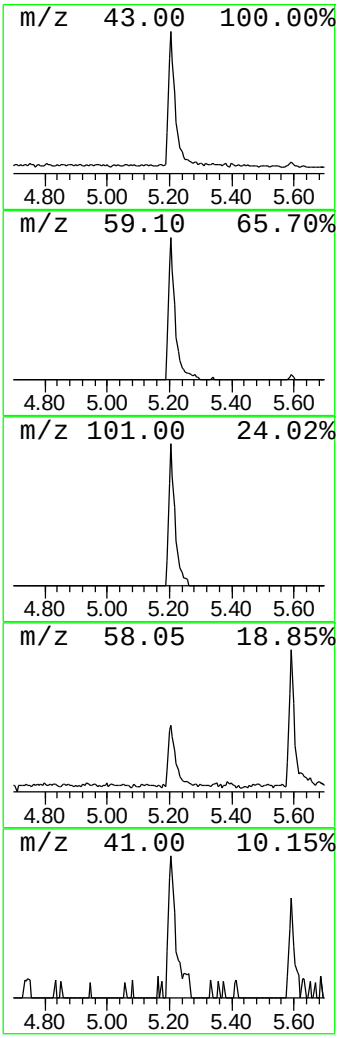
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	4.33 ng	113797	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	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	23
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
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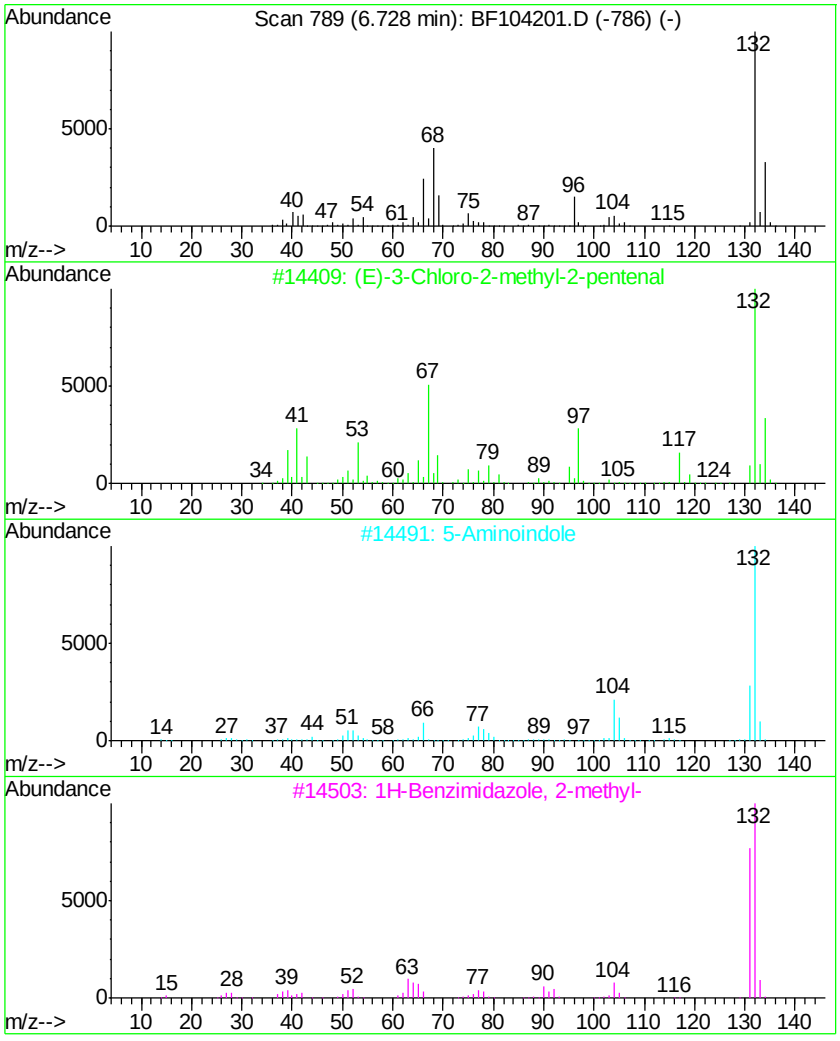
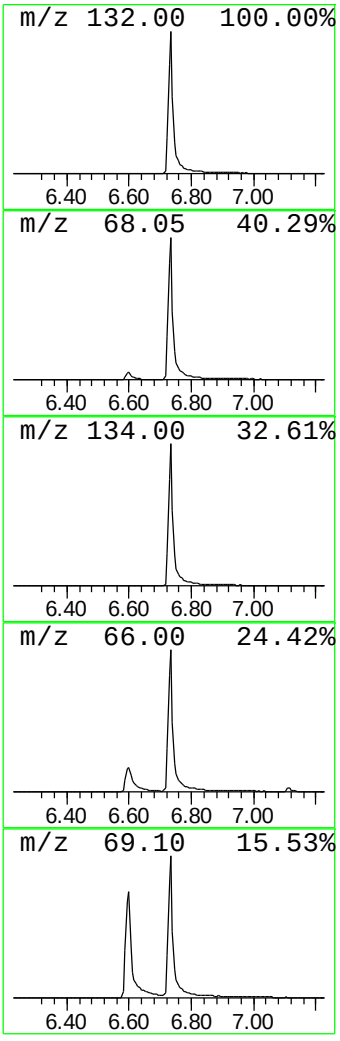
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	108.03 ng	2837430	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	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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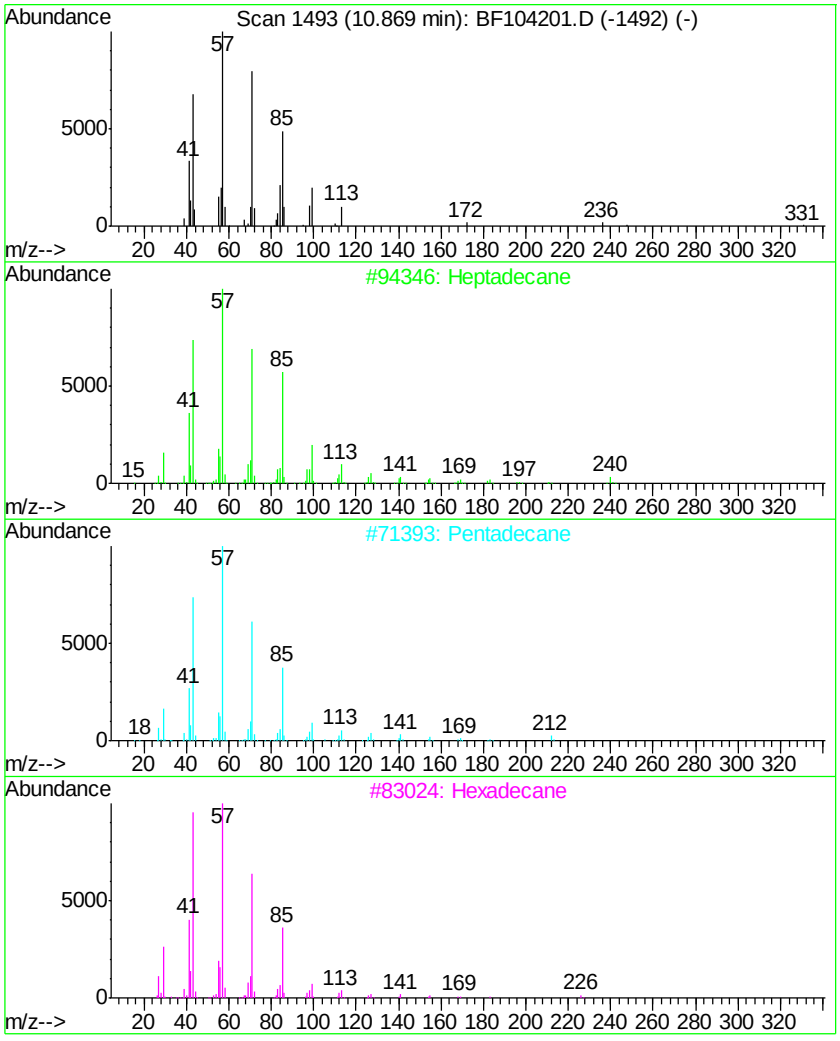
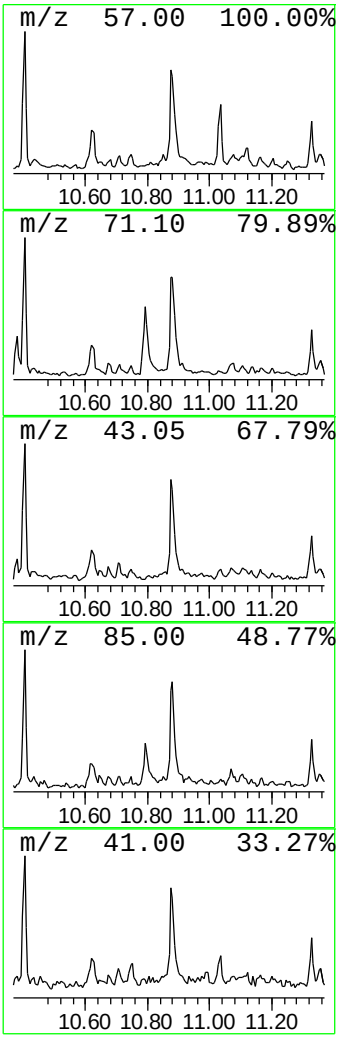
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.05 ng	142082	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	72





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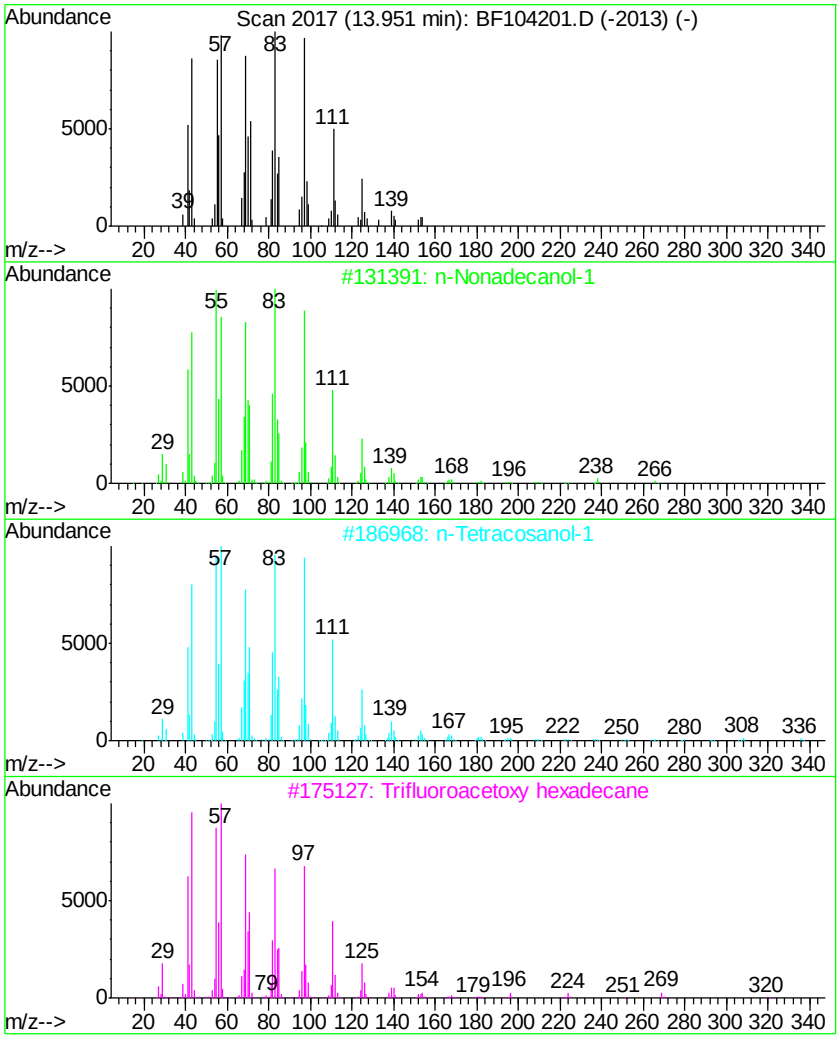
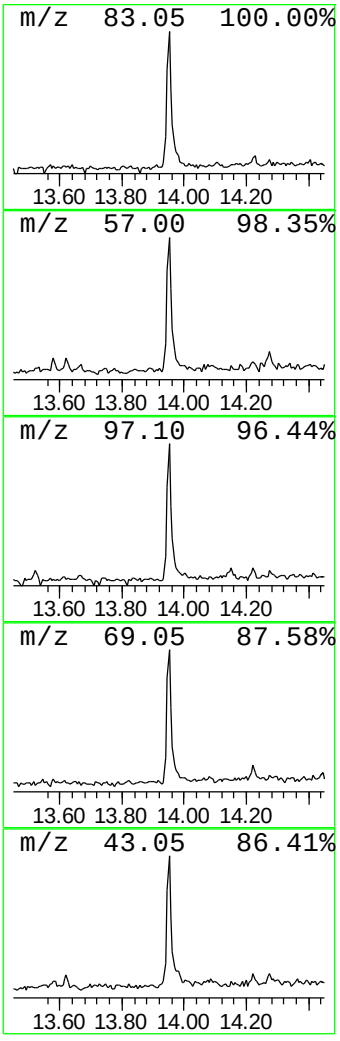
Peak Number 6 n-Nonadecanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.87 ng	136176	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90





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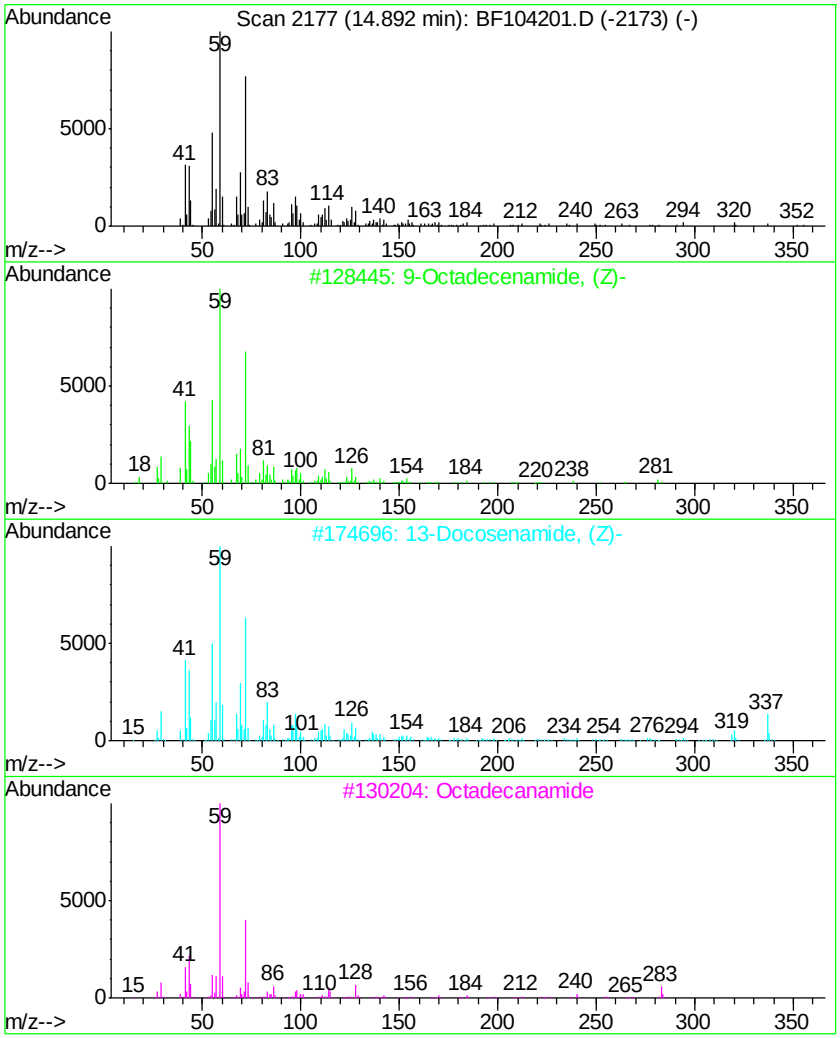
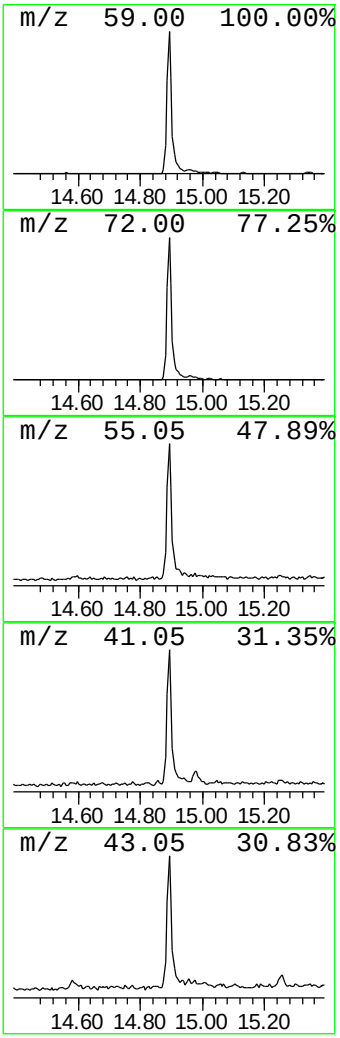
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	12.25 ng	431251	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	90
3	Octadecanamide	283	C18H37NO	000124-26-5	50
4	7-Nonenamide	155	C9H17NO	090949-53-4	50
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	46





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...	2.28	5.2	ng	135193	1	6.96	525283	20.0
2-Pentanone, 4-hy...	5.20	4.3	ng	113797	1	6.96	525283	20.0
unknown6.73	6.73	108.0	ng	2837430	1	6.96	525283	20.0
Heptadecane	10.87	3.0	ng	142082	4	11.49	932598	20.0
n-Nonadecanol-1	13.95	3.9	ng	136176	5	14.15	703911	20.0
9-Octadecenamide,...	14.89	12.3	ng	431251	5	14.15	703911	20.0