LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104206.D
Acq On : 4 Apr 2018 3:12
Operator : JU/SJ
Sample : J2182-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-WM-DIP-4-WW@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	2.299	31	36	44	rVB	140038	189515	5.57%	0.702%
2	5.204	527	530	545	rBV	73296	124369	3.65%	0.461%
3	5.593	592	596	627	rBV	1963132	2667658	78.38%	9.884%
4	6.592	762	766	786	rBV	1806479	2768627	81.35%	10.258%
5	6.734	786	790	821	rVV	2317638	3185361	93.59%	11.802%
6	6.957	825	828	851	rVV	333816	628214	18.46%	2.328%
7	7.110	851	854	887	rVB	2018873	2350157	69.05%	8.707%
8	7.522	921	924	947	rBV	1065264	1794021	52.71%	6.647%
9	7.669	947	949	958	rVB3	28873	45058	1.32%	0.167%
10	8.239	1042	1046	1075	rBV	570936	829397	24.37%	3.073%
11	9.310	1224	1228	1256	rBV	2816770	3403430	100.00%	12.610%
12	9.704	1289	1295	1302	rBV	186598	223816	6.58%	0.829%
13	9.904	1325	1329	1333	rBV	72525	59439	1.75%	0.220%
14	9.998	1341	1345	1357	rBV	866320	937481	27.55%	3.473%
15	10.380	1406	1410	1412	rBV	82474	67821	1.99%	0.251%
16	10.404	1412	1414	1417	rVB	93902	69800	2.05%	0.259%
17	10.792	1476	1480	1492	rBV	1583512	2028491	59.60%	7.516%
18	10.875	1492	1494	1506	rVB	94235	138839	4.08%	0.514%
19	11.492	1596	1599	1615	rBV	678306	950295	27.92%	3.521%
20	13.080	1864	1869	1893	rBV	2563554	3002604	88.22%	11.125%
21	13.951	2013	2017	2024	rBV	91452	106835	3.14%	0.396%
22	14.151	2046	2051	2061	rBV	488121	696163	20.45%	2.579%
23	14.892	2173	2177	2188	rBV2	112984	152871	4.49%	0.566%
24	15.686	2308	2312	2330	rVB2	308541	569903	16.74%	2.112%

Sum of corrected areas: 26990165

LSC Report - Integrated Chromatogram

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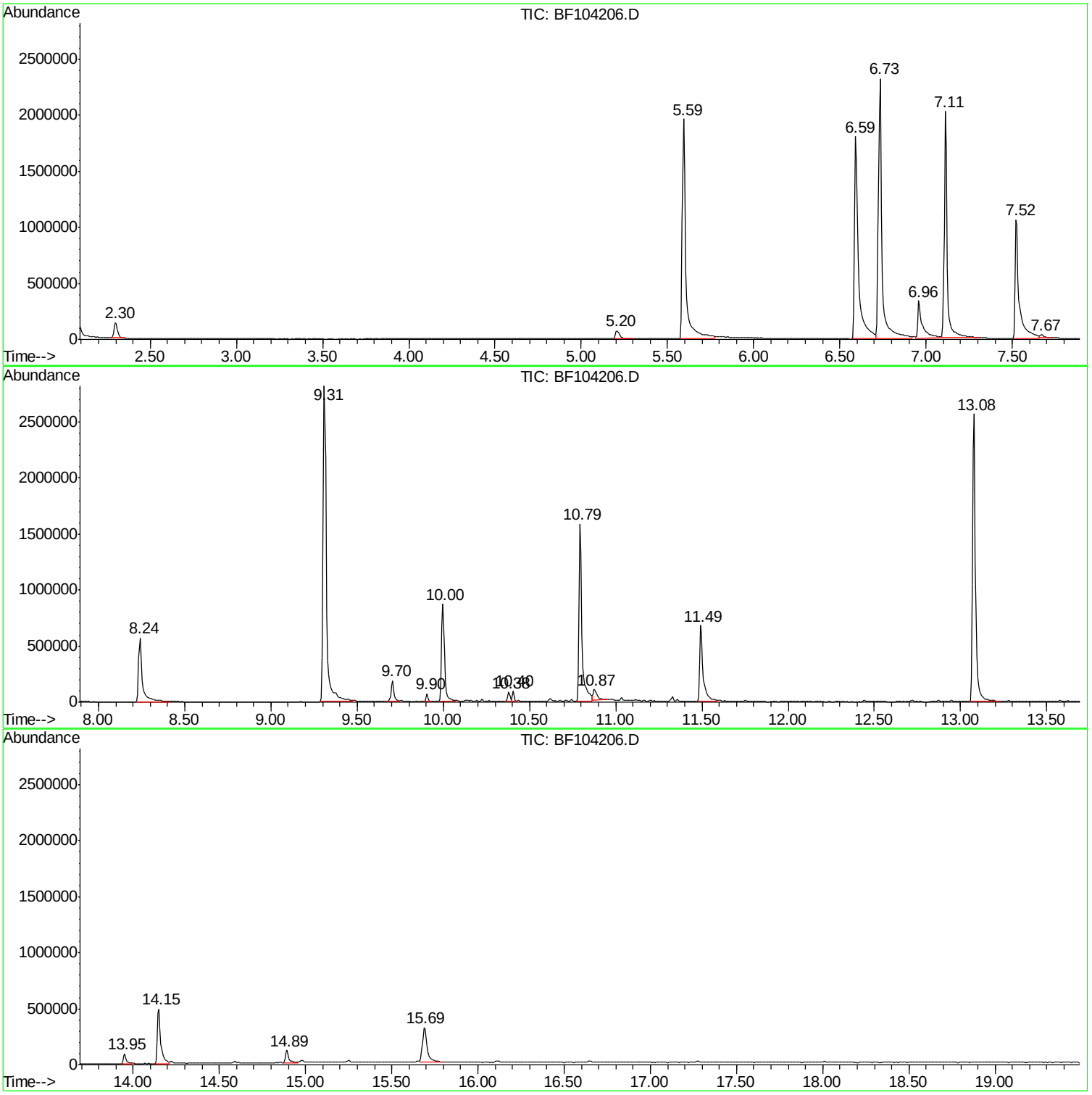
ClientSampleId :
6-WM-DIP-4-WW@3.5

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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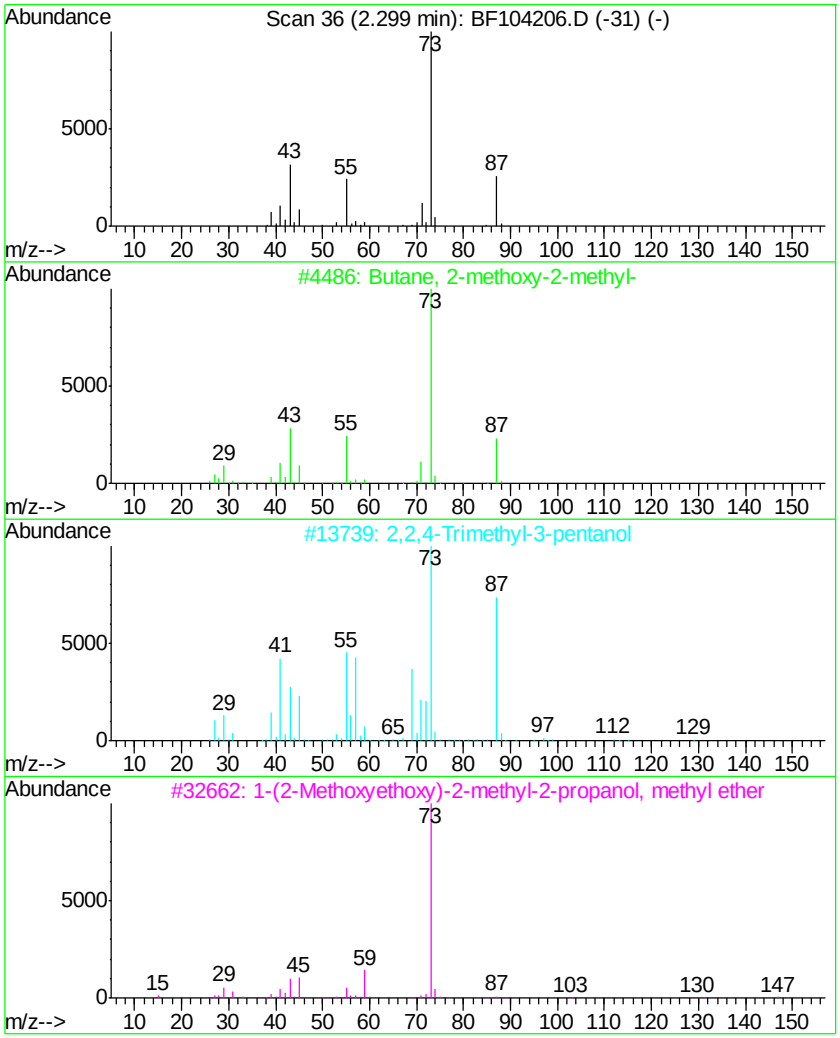
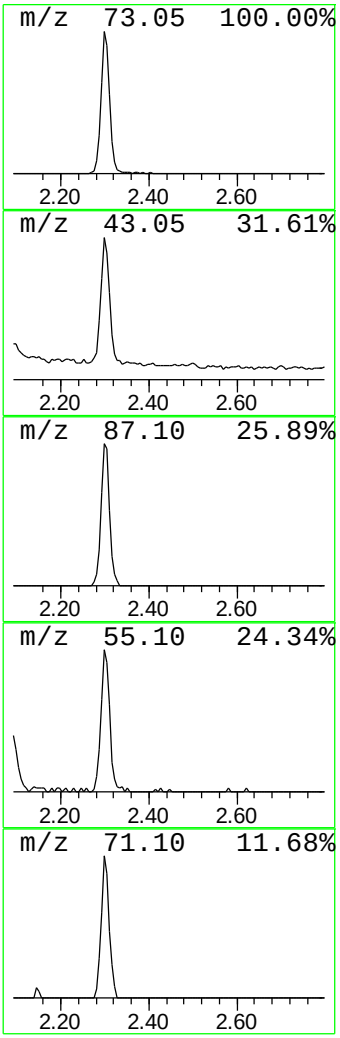
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	6.03 ng	189515	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	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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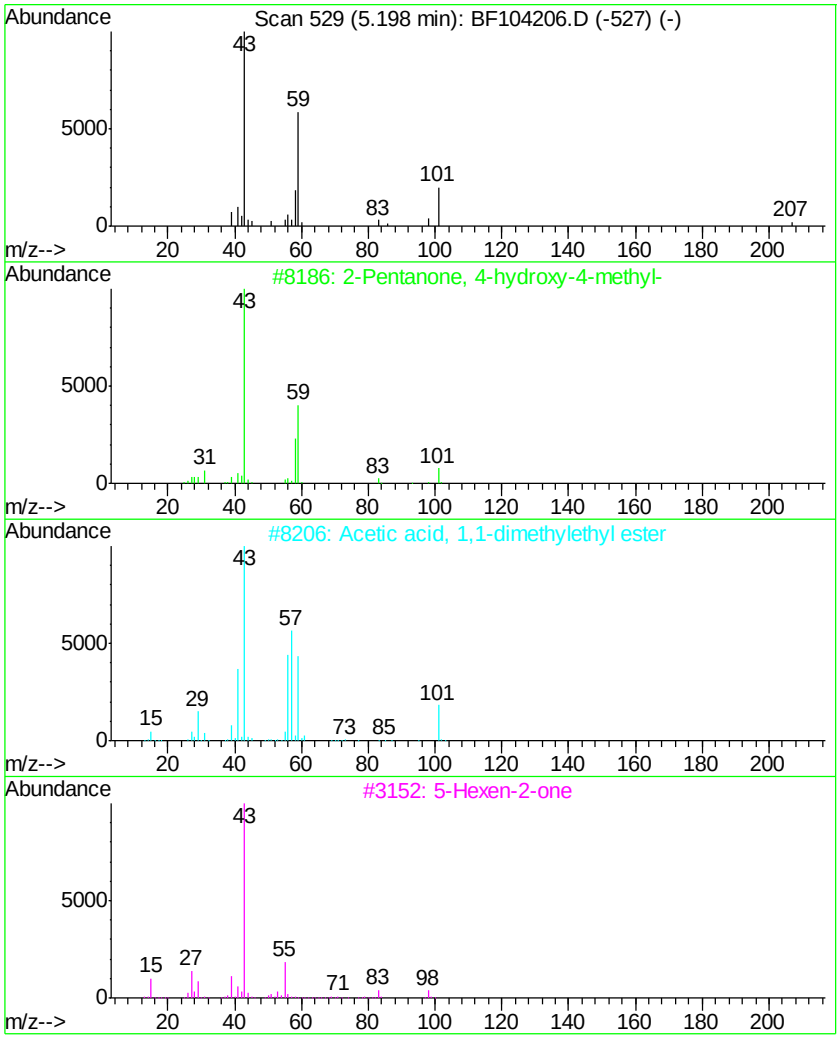
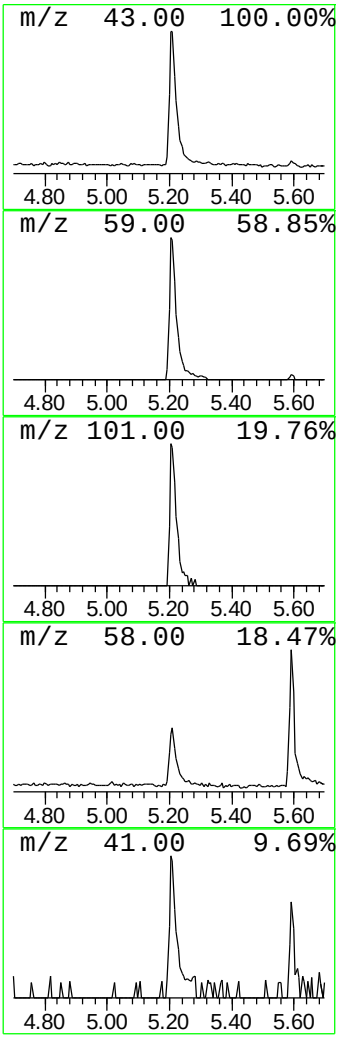
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.96 ng	124369	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9





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

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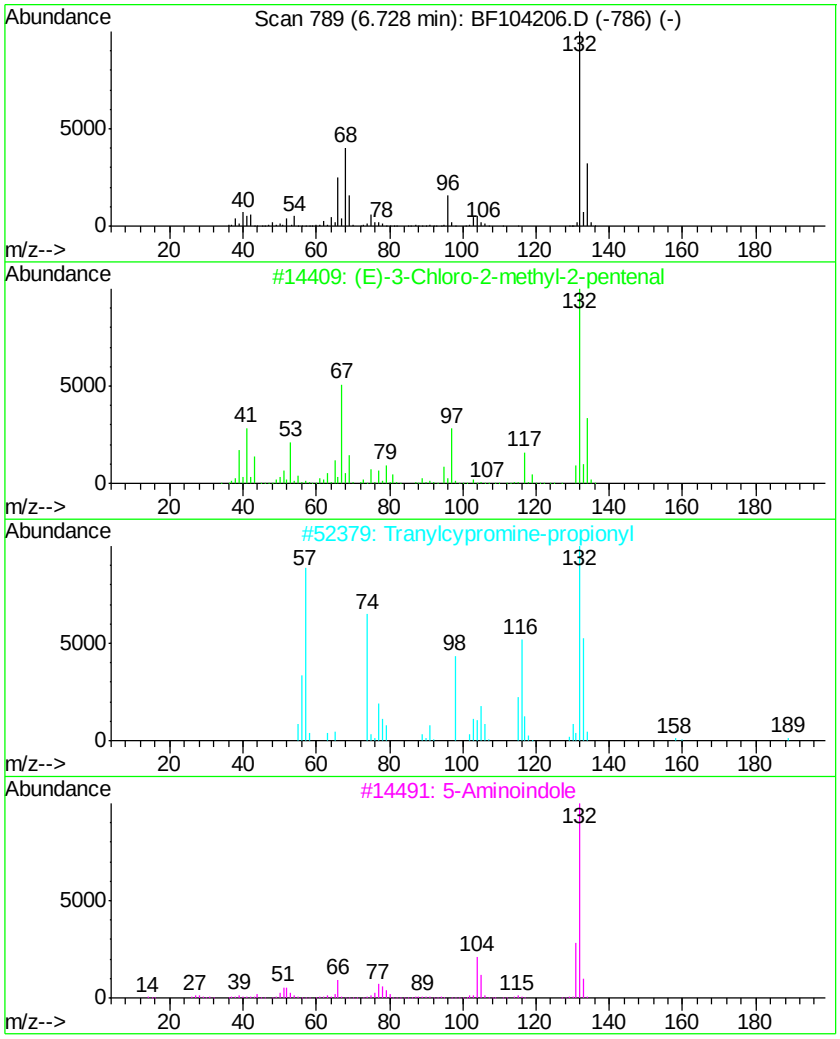
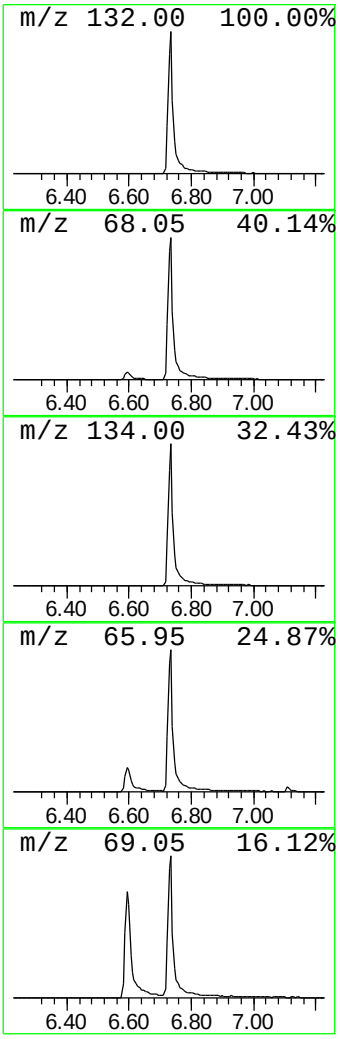
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	101.41 ng	3185360	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	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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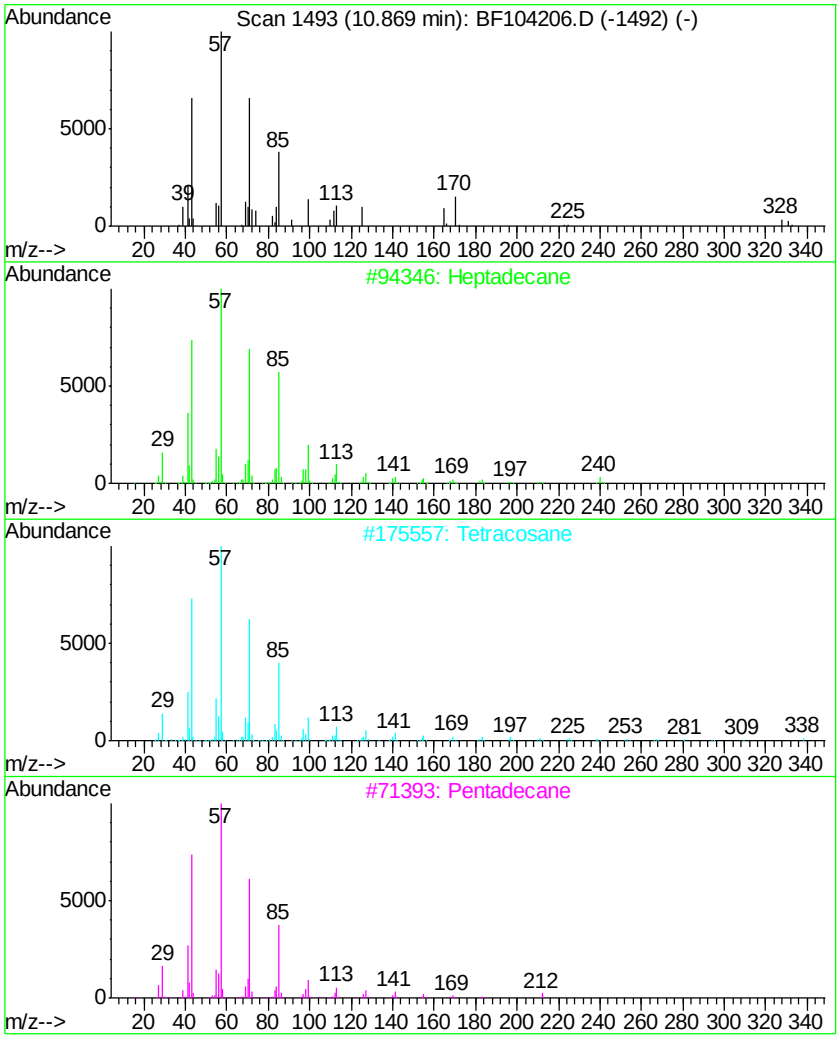
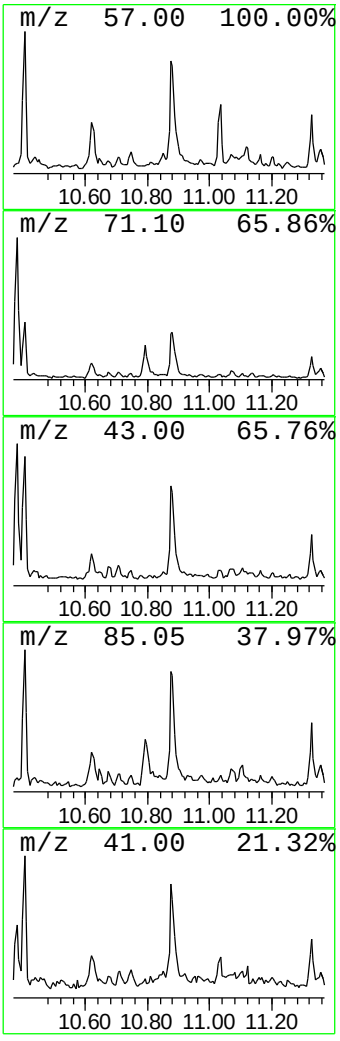
Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	2.92 ng	138839	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Nonadecane	268	C19H40	000629-92-5	83





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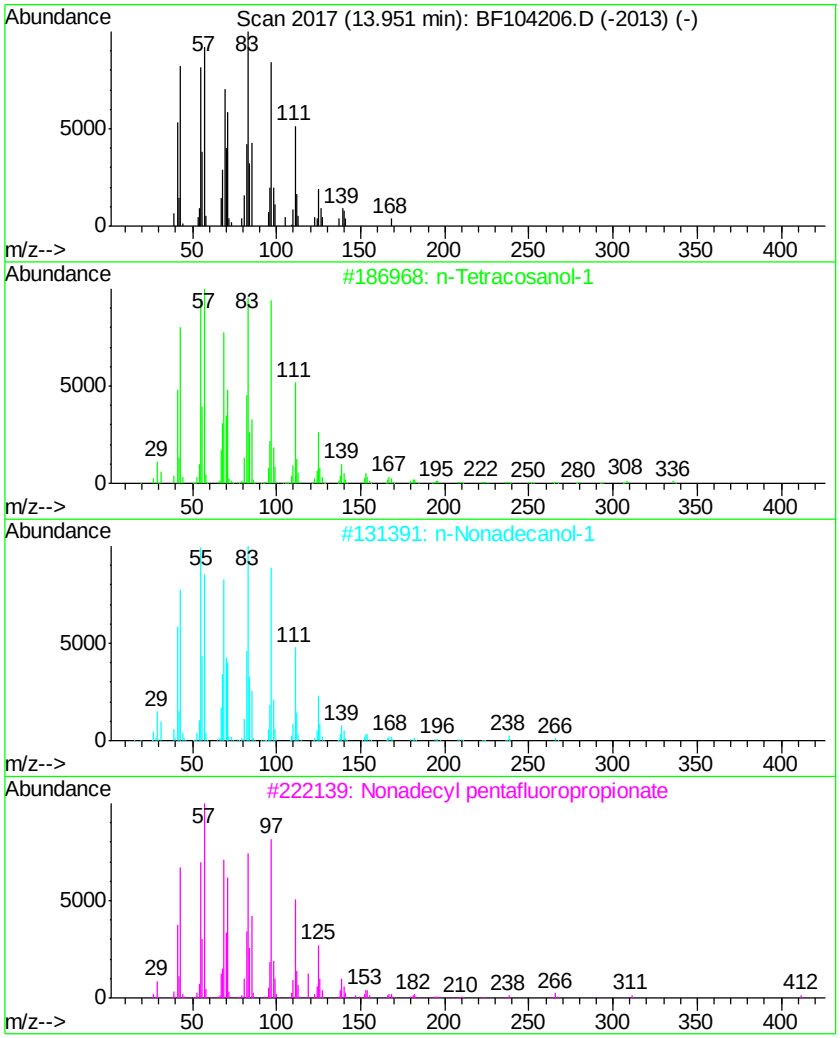
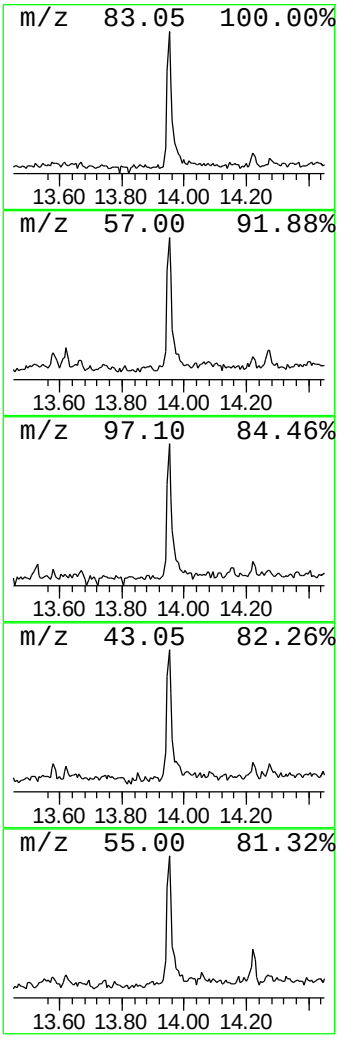
Peak Number 6 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.07 ng	106835	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





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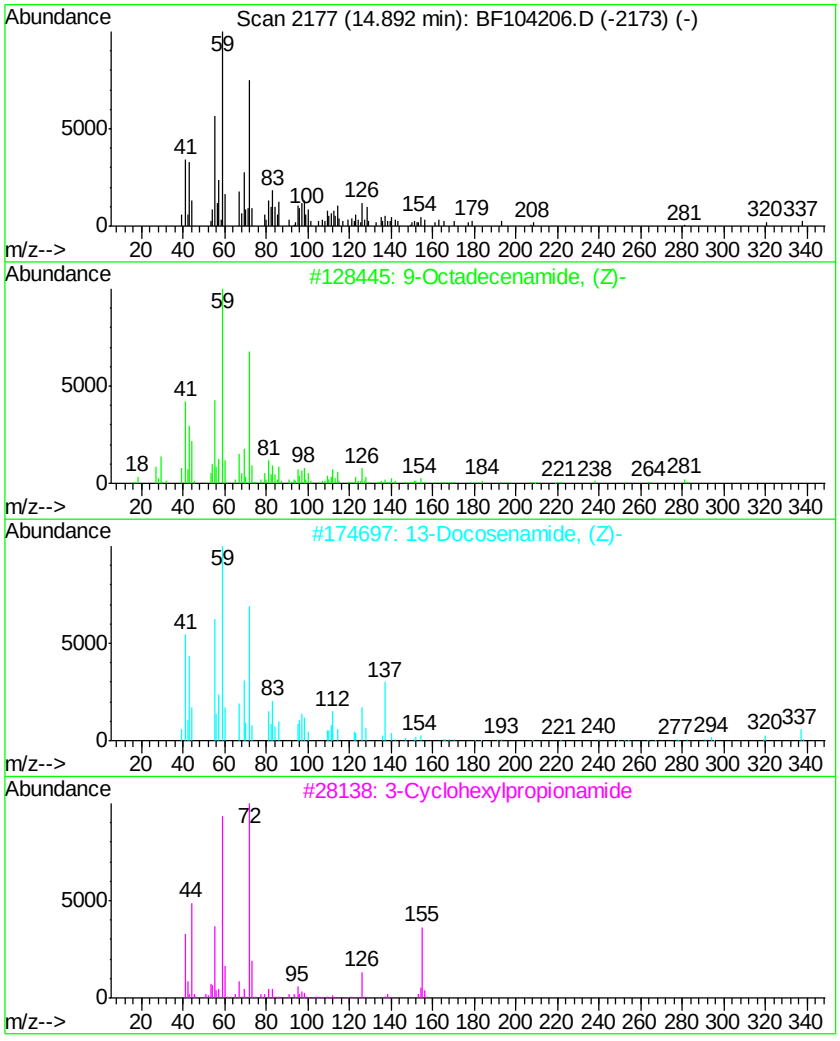
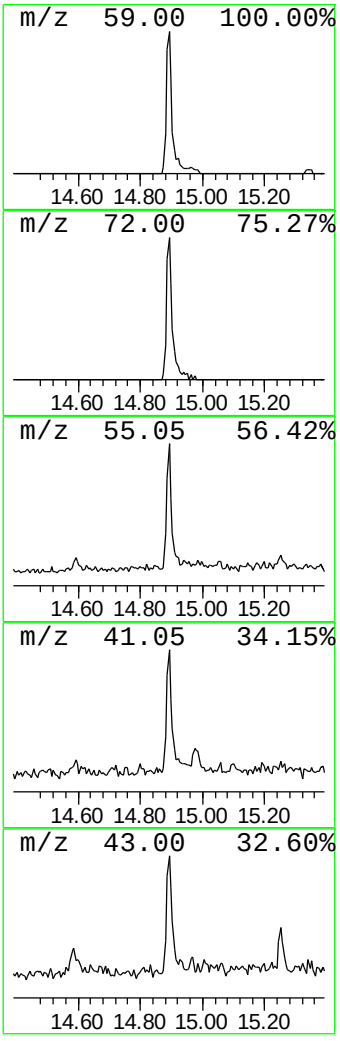
Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	4.39 ng	152871	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	72
3	3-Cyclohexylpropionamide	155	C9H17NO	004361-29-9	59
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50
5	Hexadecanamide	255	C16H33NO	000629-54-9	50





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	6.0	ng	189515	1	6.96	628214	20.0
2-Pentanone, 4-hy...	5.20	4.0	ng	124369	1	6.96	628214	20.0
unknown6.73	6.73	101.4	ng	3185360	1	6.96	628214	20.0
Heptadecane	10.87	2.9	ng	138839	4	11.49	950295	20.0
n-Tetracosanol-1	13.95	3.1	ng	106835	5	14.15	696163	20.0
9-Octadecenamide,...	14.89	4.4	ng	152871	5	14.15	696163	20.0