LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112447.D
Acq On : 7 Feb 2019 19:22
Operator : JU/SJ
Sample : K1390-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-06(0-2)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	2.116	3	5	12	rVB	92178	103421	4.05%	0.458%
2	5.051	500	504	518	rBV	83580	112549	4.41%	0.498%
3	5.469	572	575	595	rBV	2177091	2263858	88.69%	10.022%
4	6.481	743	747	765	rBV	2303284	2449399	95.96%	10.844%
5	6.610	765	769	783	rVB	3000095	2552452	100.00%	11.300%
6	6.833	803	807	815	rBV	817535	738232	28.92%	3.268%
7	6.986	829	833	849	rBV	2143795	1890119	74.05%	8.368%
8	7.398	898	903	922	rBV	1437319	1516040	59.40%	6.712%
9	8.116	1021	1025	1039	rVB	952386	939629	36.81%	4.160%
10	9.186	1203	1207	1219	rBV	2690985	2305137	90.31%	10.205%
11	9.580	1270	1274	1283	rBV	146045	141989	5.56%	0.629%
12	9.869	1319	1323	1333	rBV	1194215	1053896	41.29%	4.666%
13	10.663	1454	1458	1470	rBV	1615973	1614110	63.24%	7.146%
14	11.357	1572	1576	1587	rBV	1057491	976628	38.26%	4.324%
15	11.874	1661	1664	1668	rBV	190083	216316	8.47%	0.958%
16	12.574	1780	1783	1789	rBV	47868	67517	2.65%	0.299%
17	12.663	1795	1798	1804	rBV6	61003	86097	3.37%	0.381%
18	12.804	1819	1822	1824	rBV	45029	38448	1.51%	0.170%
19	12.939	1841	1845	1848	rBV	1677409	1628996	63.82%	7.212%
20	13.827	1993	1996	2004	rBV	251118	274902	10.77%	1.217%
21	14.004	2022	2026	2033	rBV	920968	863853	33.84%	3.824%
22	15.474	2272	2276	2283	rVB	543307	754360	29.55%	3.340%

Sum of corrected areas: 22587948

LSC Report - Integrated Chromatogram

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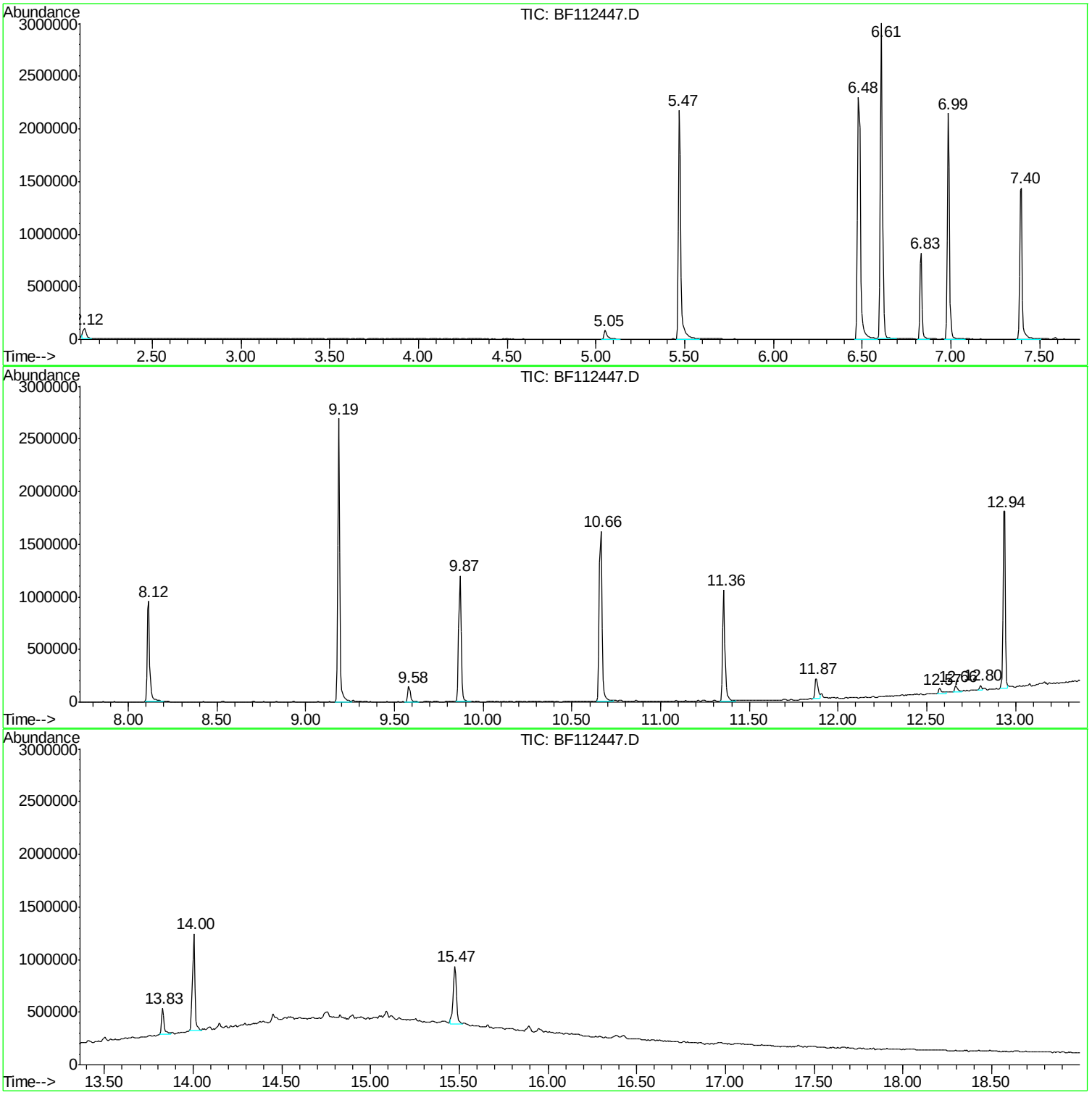
Instrument :
BNA_F
ClientSampleId :
SB-06(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-06(0-2)

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

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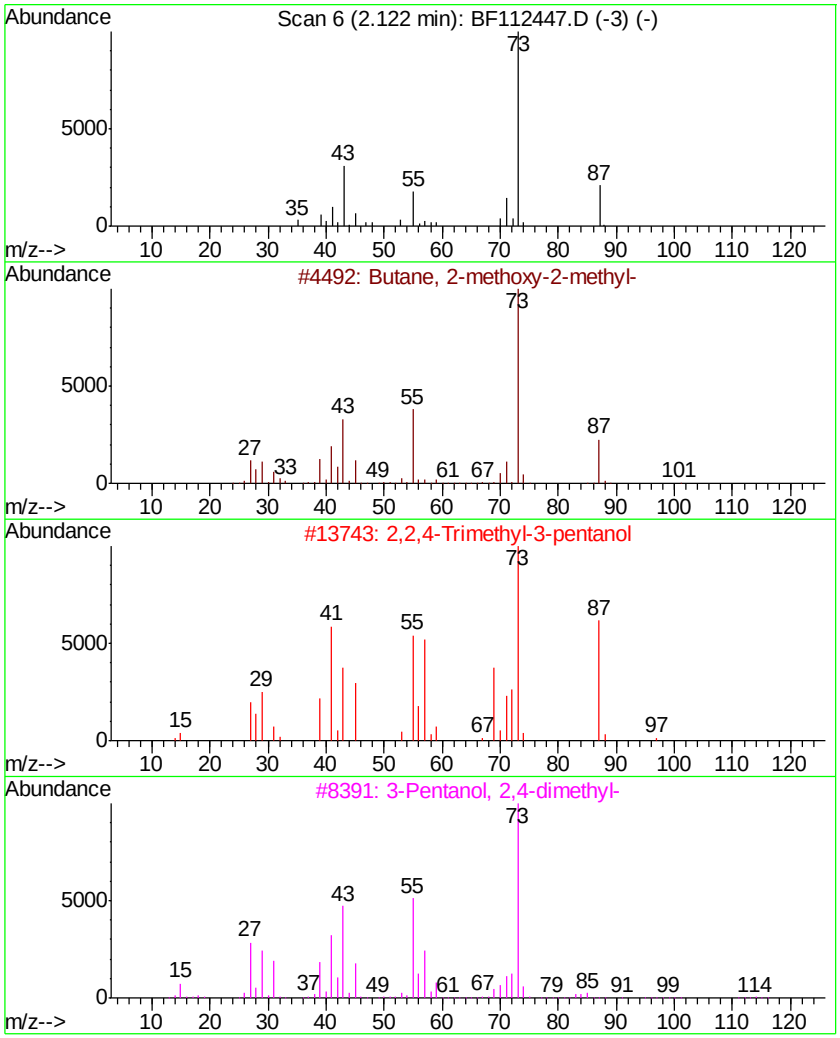
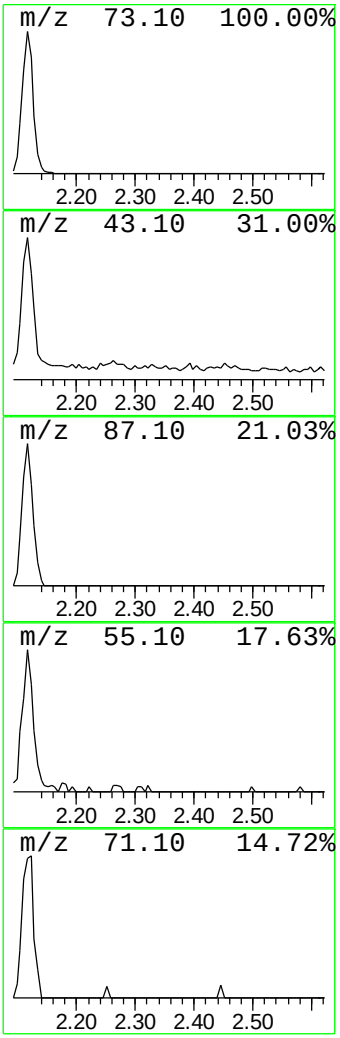
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	2.80 ng	103421	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : SB-06(0-2)

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TIC Integration Parameters: LSCINT.P

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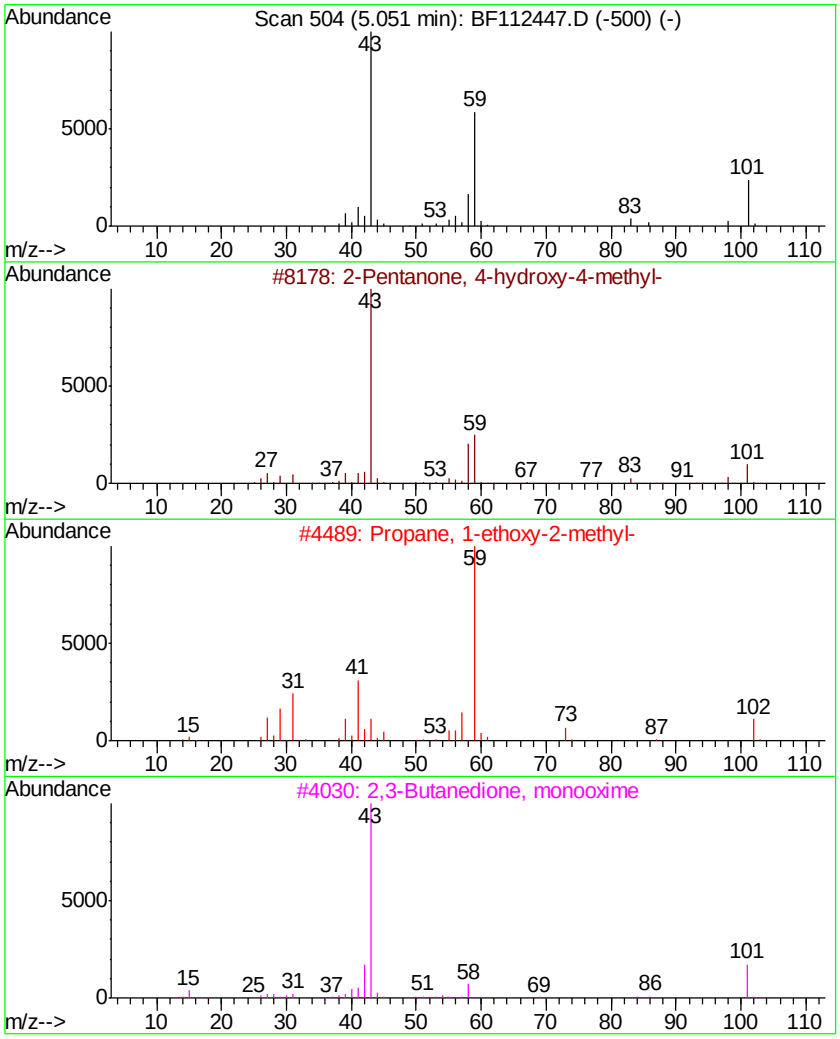
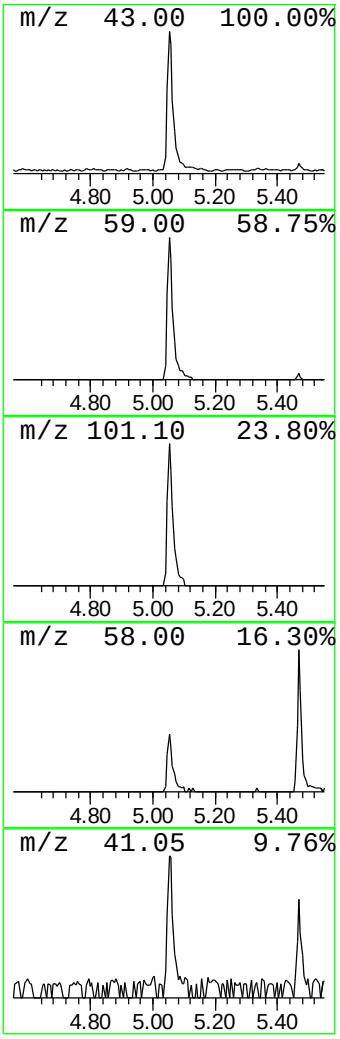
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.05 ng	112549	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	3-Heptanol	116	C7H16O	000589-82-2	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-06(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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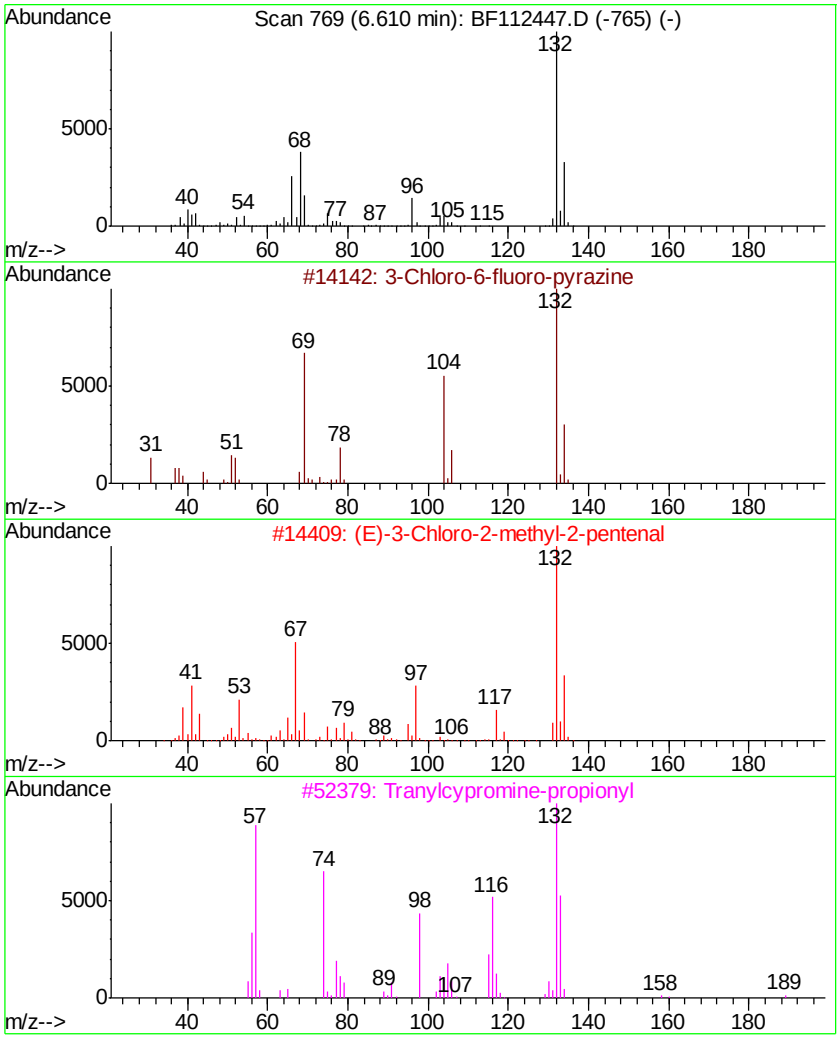
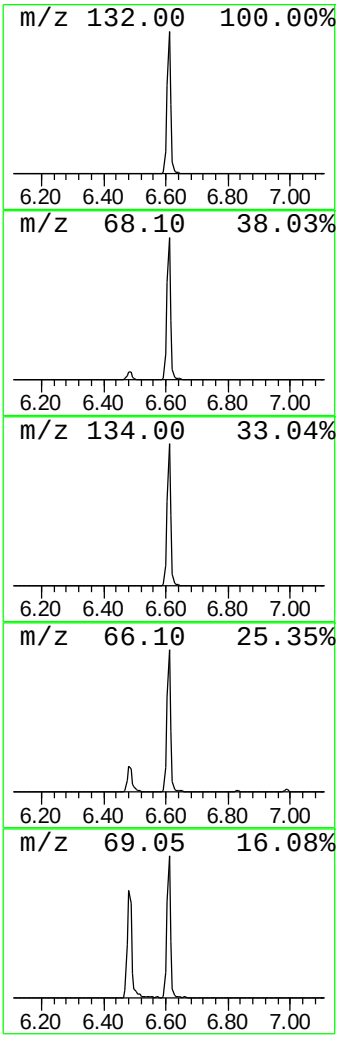
Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	69.15 ng	2552450	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : SB-06(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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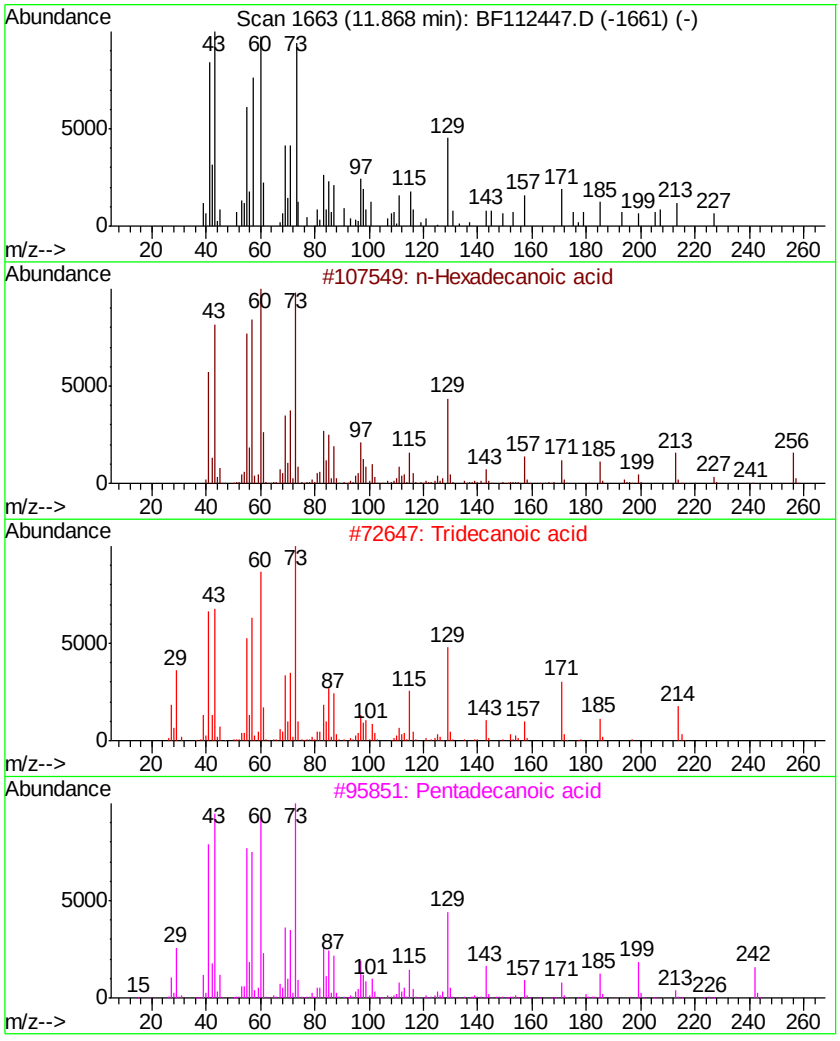
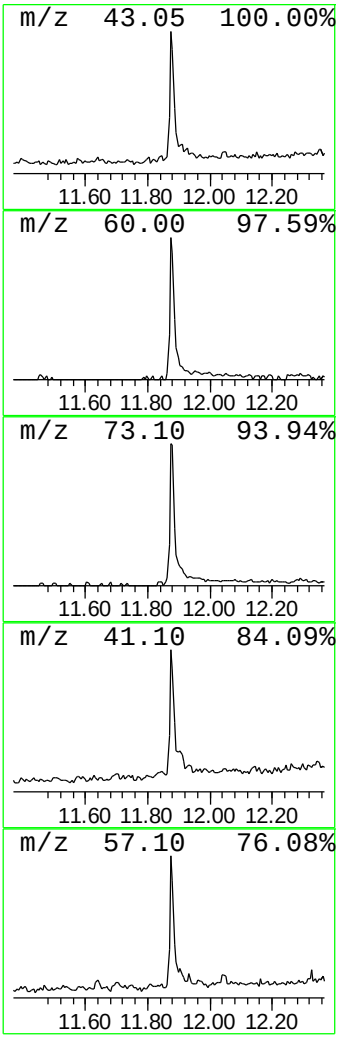
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.43 ng	216316	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	70





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ClientSampleId : SB-06(0-2)

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

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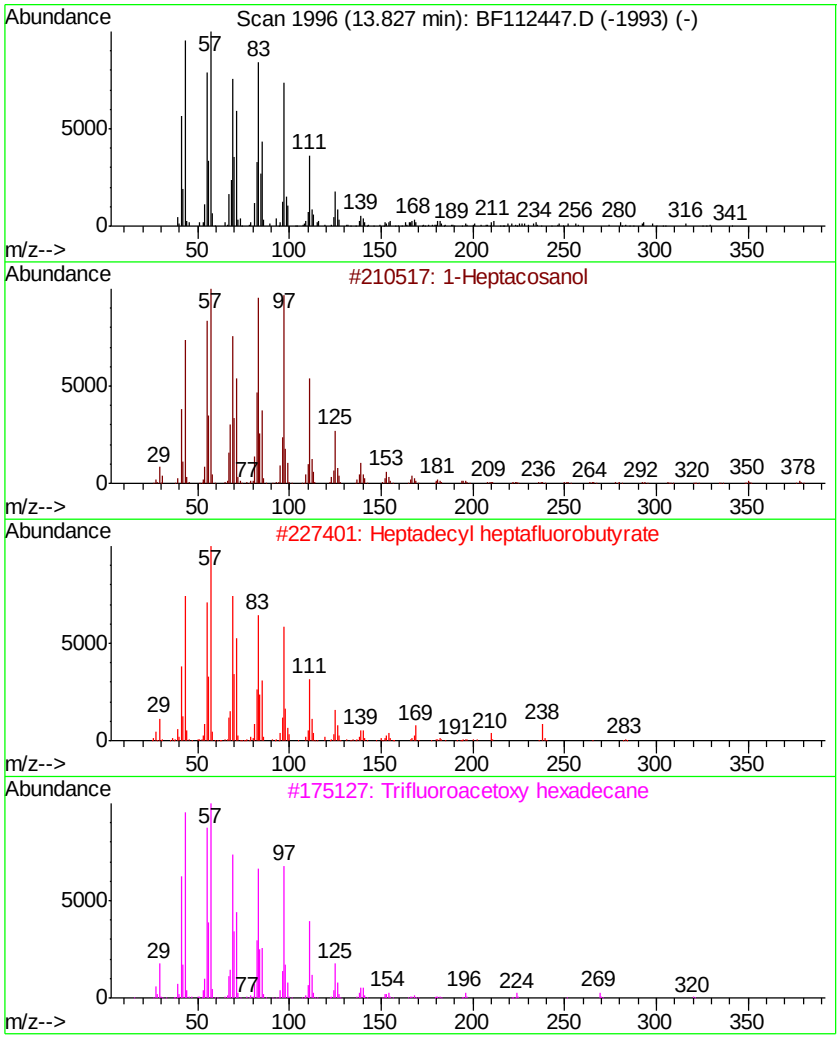
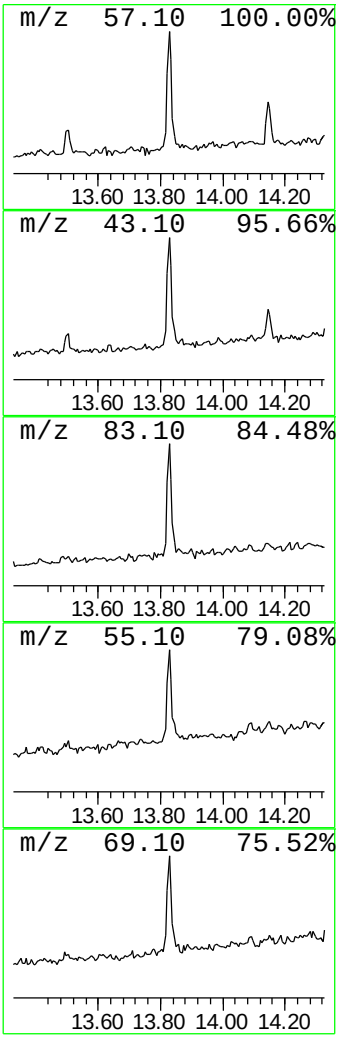
Peak Number 6 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.36 ng	274902	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4	1-Heneicosanol	312	C21H44O	015594-90-8	87
5	Behenic alcohol	326	C22H46O	000661-19-8	87





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...	2.12	2.8	ng	103421	1	6.83	738232	20.0
2-Pentanone, 4-hy...	5.05	3.0	ng	112549	1	6.83	738232	20.0
unknown6.61	6.61	69.2	ng	2552450	1	6.83	738232	20.0
n-Hexadecanoic acid	11.87	4.4	ng	216316	4	11.36	976628	20.0
1-Heptacosanol	13.83	6.4	ng	274902	5	14.00	863853	20.0