LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117989.D
Acq On : 26 Nov 2019 2:11
Operator : JU
Sample : K6001-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-D

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-BF111319.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	2.199	12	19	25	rVB	758042	958446	24.00%	2.908%
2	5.104	508	513	523	rVB	430242	591813	14.82%	1.796%
3	5.510	576	582	585	rBV	3089049	3188037	79.83%	9.673%
4	6.516	747	753	756	rBV	3234988	3313776	82.98%	10.055%
5	6.657	772	777	780	rBV	3594302	3502195	87.70%	10.626%
6	6.887	813	816	820	rBV	1209584	1053726	26.39%	3.197%
7	7.045	839	843	847	rBV	2839821	2581722	64.65%	7.834%
8	7.451	907	912	915	rBV	2144860	2119391	53.07%	6.431%
9	8.175	1031	1035	1039	rBV	1398083	1167082	29.22%	3.541%
10	9.257	1214	1219	1222	rBV	4917534	3993599	100.00%	12.117%
11	9.645	1282	1285	1289	rBV	455573	353207	8.84%	1.072%
12	9.939	1331	1335	1338	rBV	1899937	1508110	37.76%	4.576%
13	10.727	1465	1469	1473	rBV	2290920	2101086	52.61%	6.375%
14	11.427	1584	1588	1591	rBV	1481847	1355582	33.94%	4.113%
15	11.951	1674	1677	1685	rVB	245858	234172	5.86%	0.711%
16	12.645	1792	1795	1799	rBV	150191	120711	3.02%	0.366%
17	12.739	1808	1811	1816	rBV	78249	90340	2.26%	0.274%
18	12.874	1829	1834	1839	rVB	119735	133921	3.35%	0.406%
19	13.021	1854	1859	1862	rBV	3009375	2594719	64.97%	7.873%
20	13.921	2009	2012	2024	rBV3	132442	233046	5.84%	0.707%
21	14.080	2034	2039	2042	rBV	862940	823594	20.62%	2.499%
22	14.545	2115	2118	2121	rBV2	41533	49760	1.25%	0.151%
23	15.210	2228	2231	2235	rBV	47848	55143	1.38%	0.167%
24	15.580	2289	2294	2298	rBV	587218	767445	19.22%	2.329%
25	16.062	2372	2376	2381	rVB	44569	66774	1.67%	0.203%

Sum of corrected areas: 32957397

LSC Report - Integrated Chromatogram

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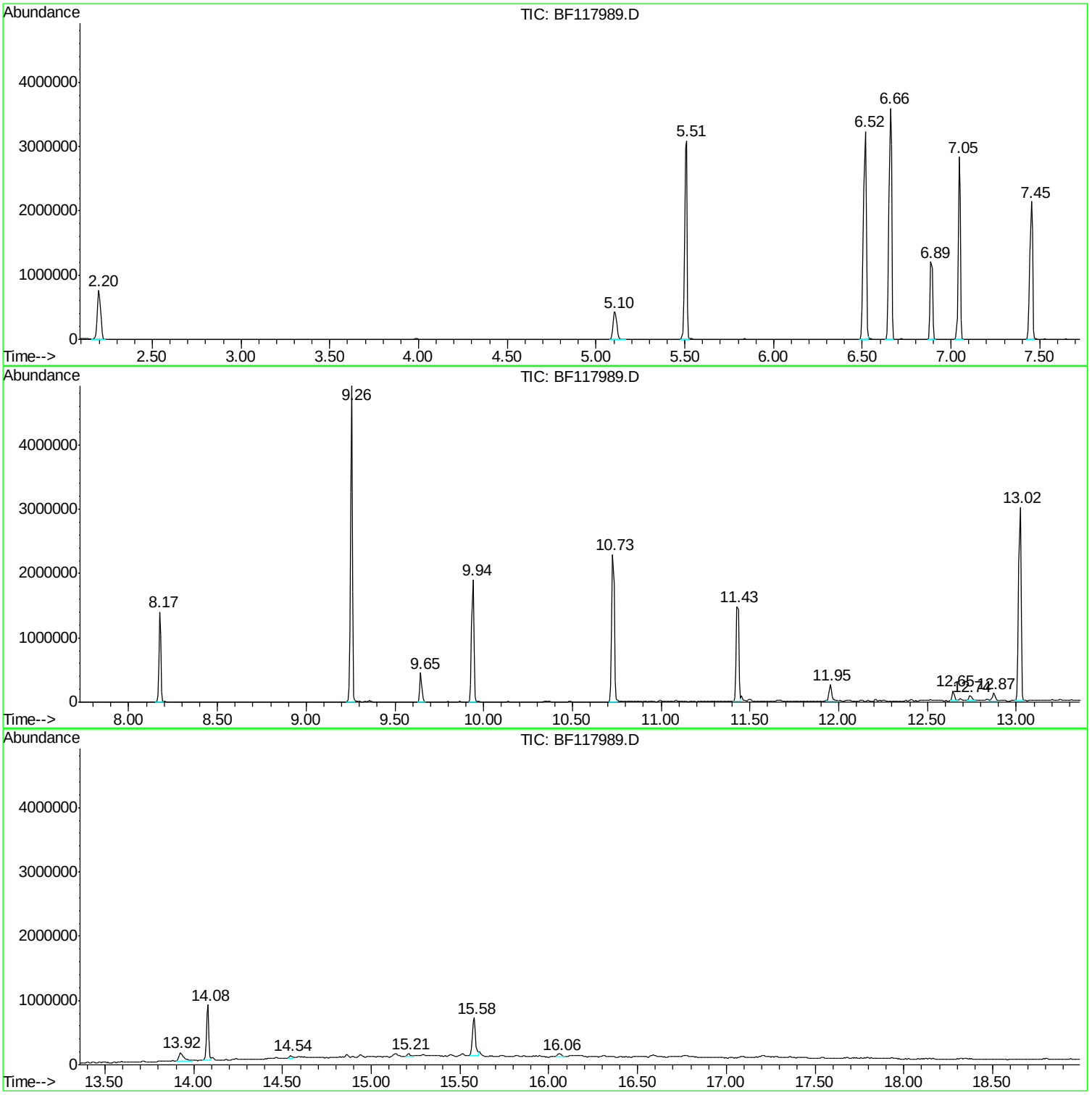
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12B-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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Operator : JU
Sample : K6001-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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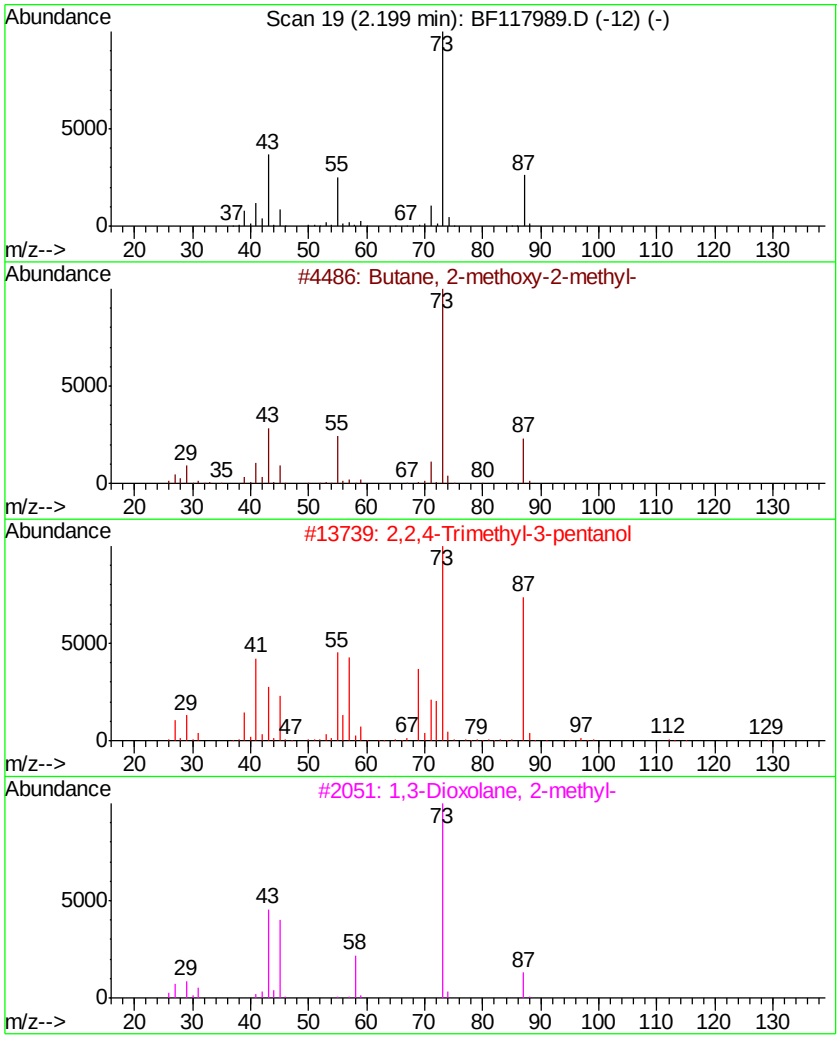
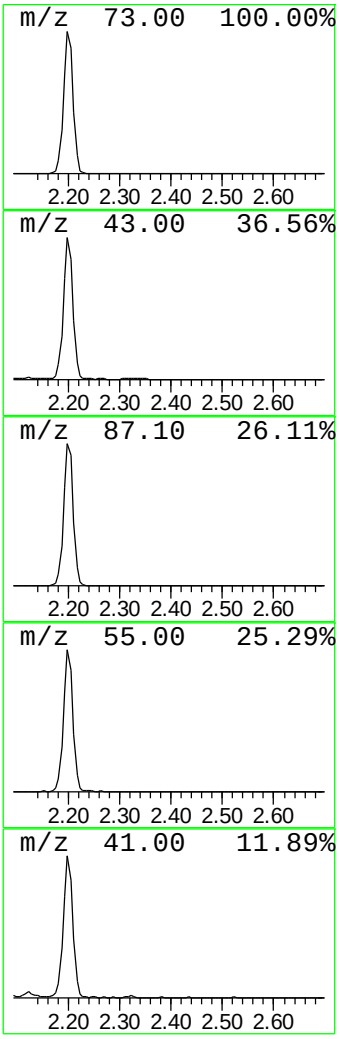
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	18.19 ng	958446	1,4-Dichlorobenzene-d4	6.89

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-12B-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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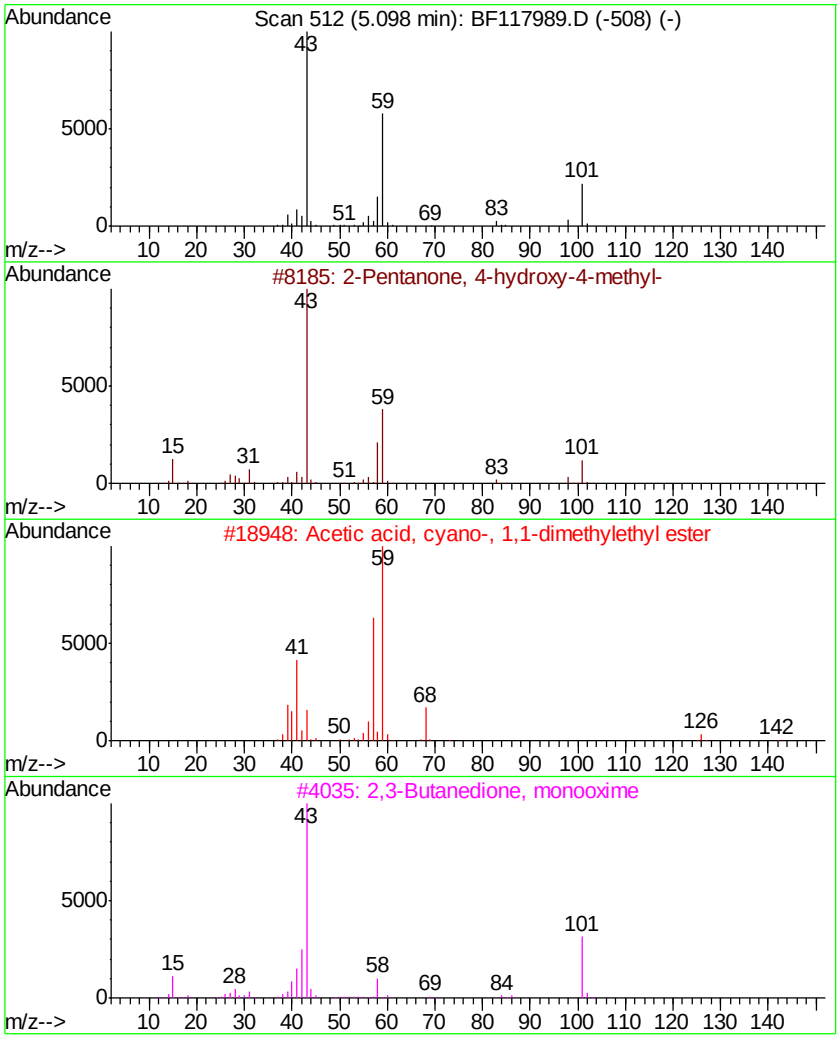
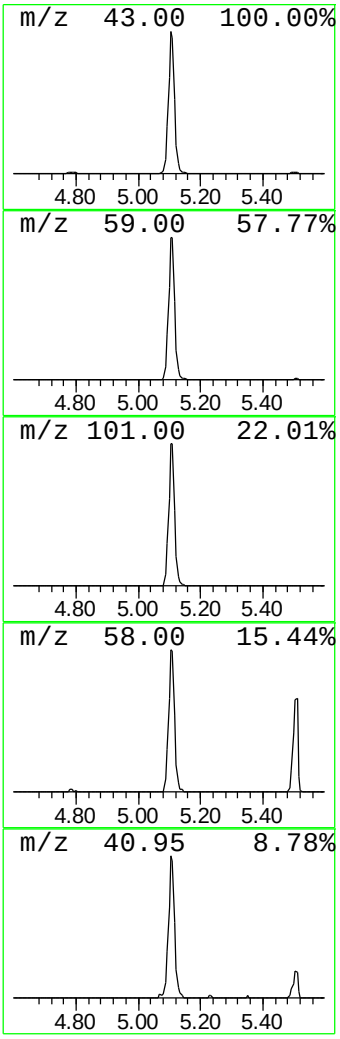
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	11.23 ng	591813	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : TP-12B-D

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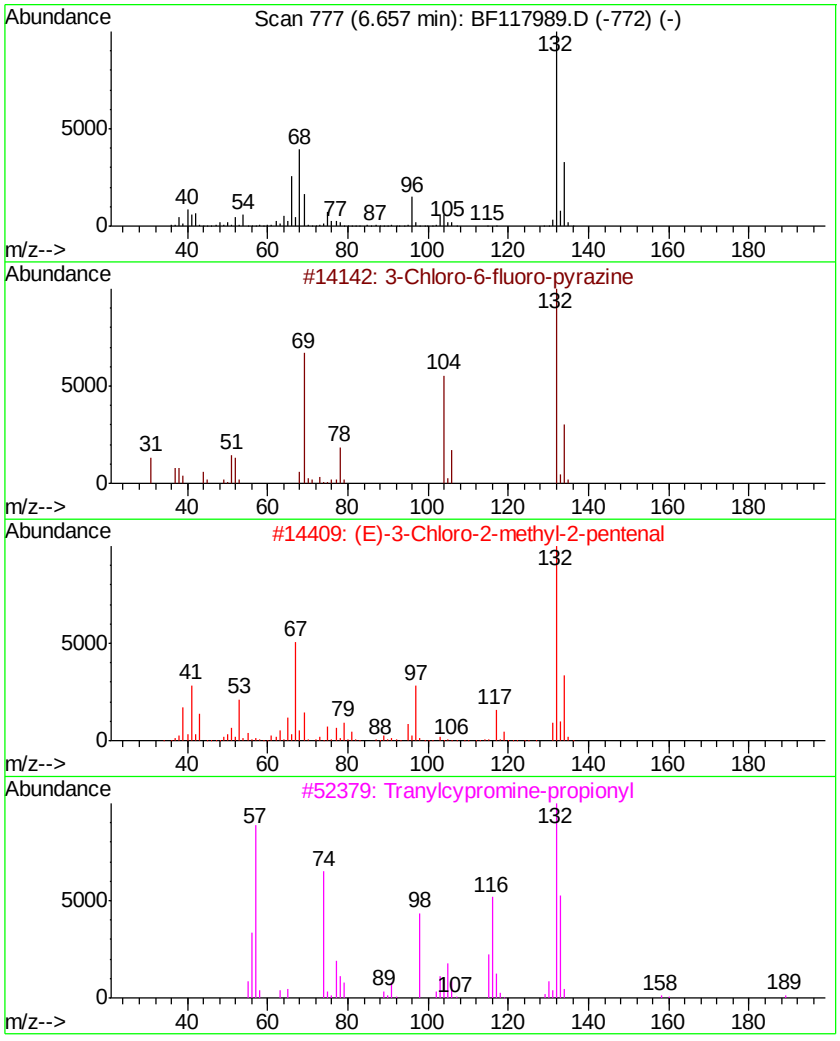
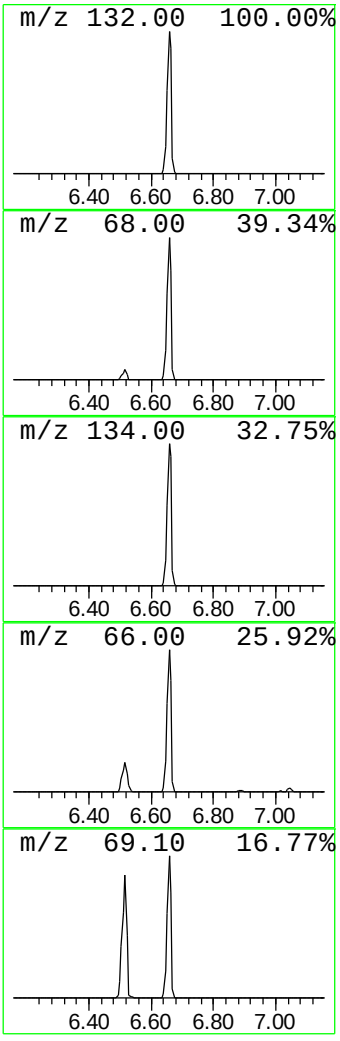
Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	66.47 ng	3502200	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : TP-12B-D

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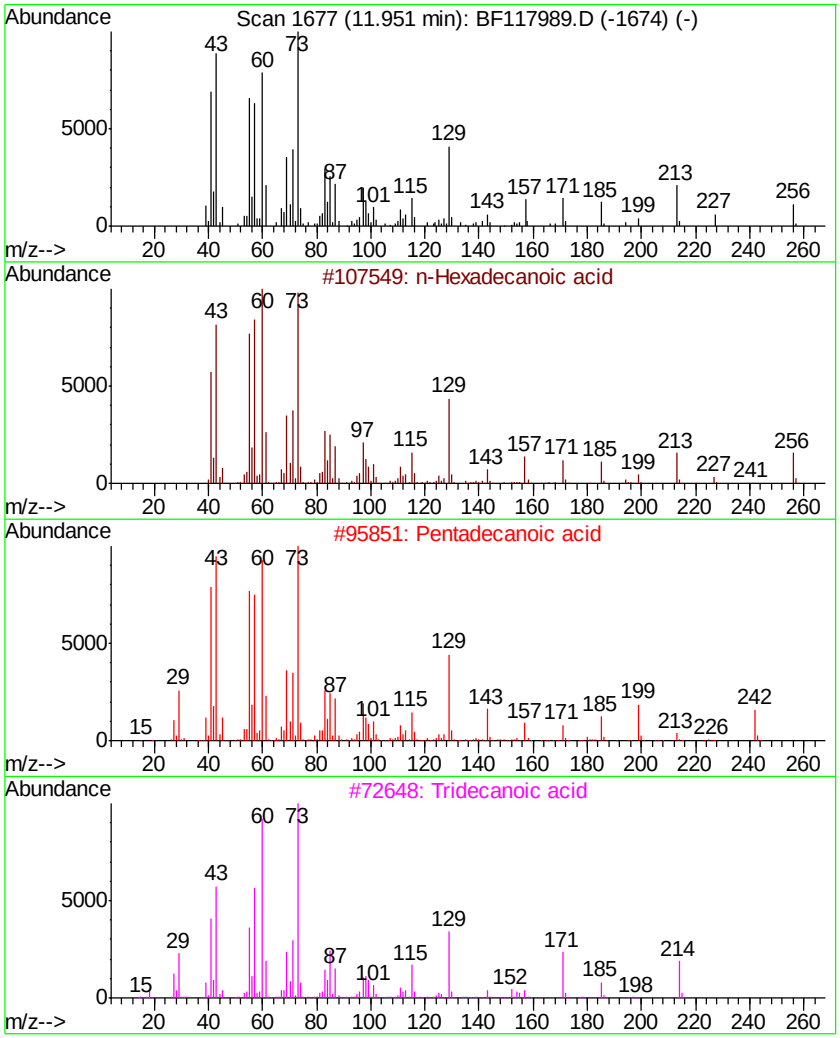
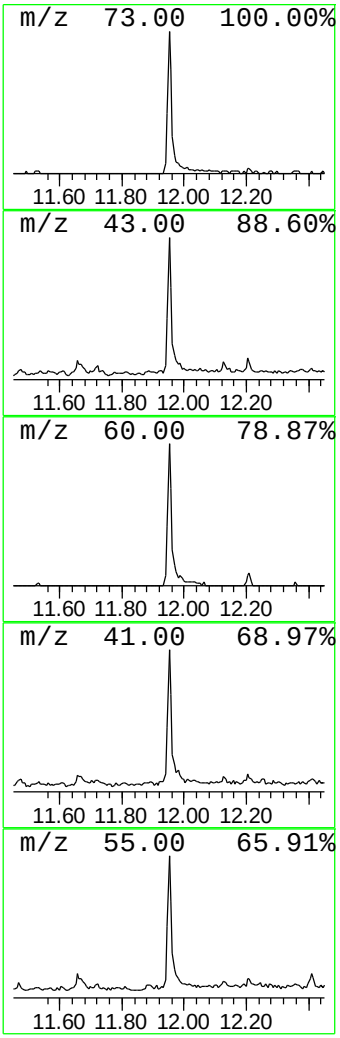
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.45 ng	234172	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	11





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12B-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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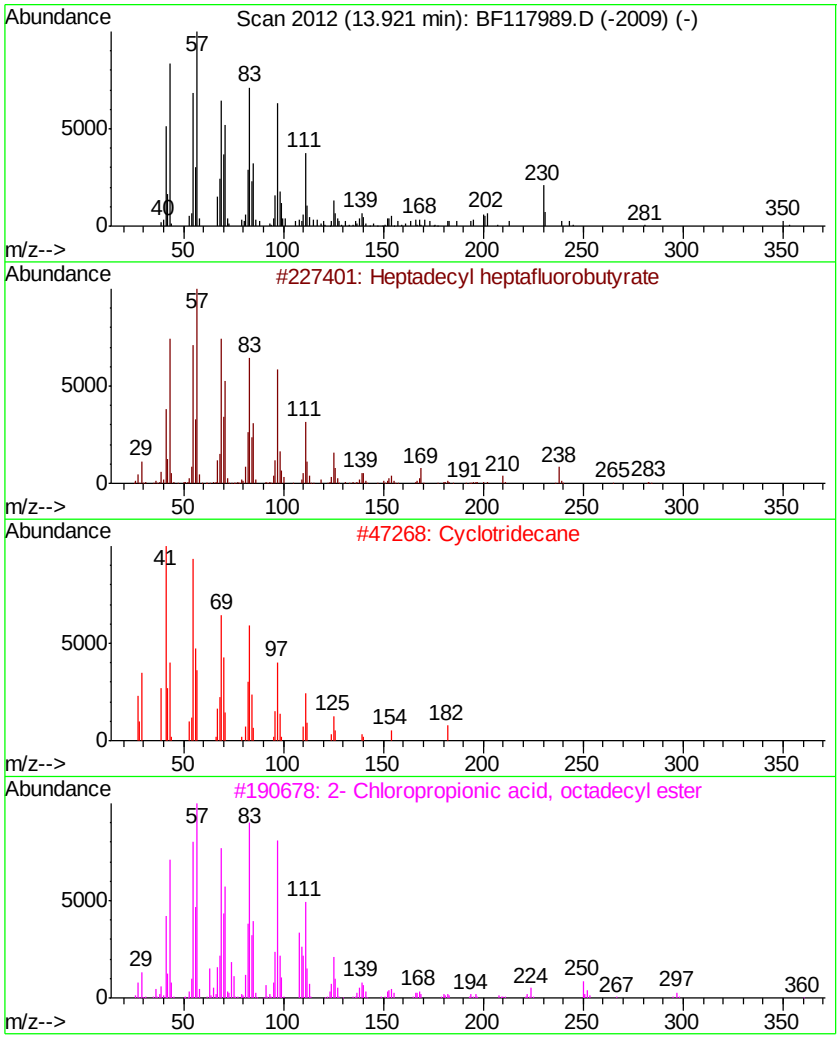
TIC Integration Parameters: LSCINT.P

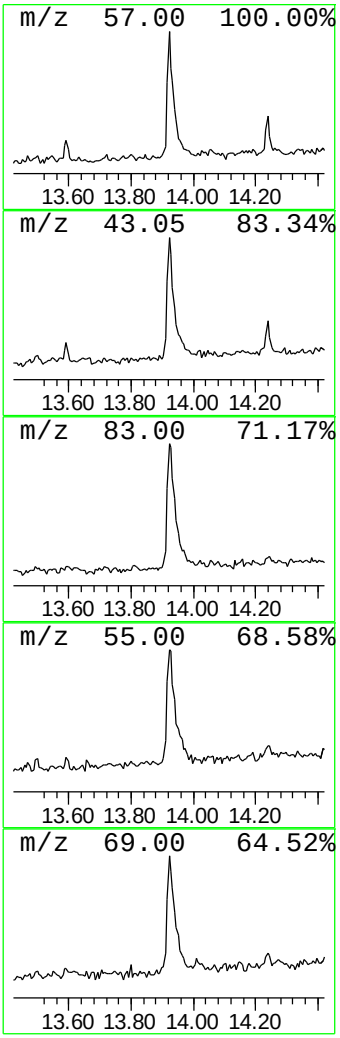
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	5.66 ng	233046	Chrysene-d12	14.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Cyclotridecane	182	C13H26	000295-02-3	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	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...	2.20	18.2	ng	958446	1	6.89	1053730	20.0
2-Pentanone, 4-hy...	5.10	11.2	ng	591813	1	6.89	1053730	20.0
unknown6.66	6.66	66.5	ng	3502200	1	6.89	1053730	20.0
n-Hexadecanoic acid	11.95	3.5	ng	234172	4	11.43	1355580	20.0
Heptadecyl heptaf...	13.92	5.7	ng	233046	5	14.08	823594	20.0