LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102814.D
Acq On : 7 Feb 2018 14:41
Operator : SJ/JU
Sample : J1455-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LW-01-B

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-BF020318.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	2.152	6	11	28	rVB	1153936	1564214	31.07%	4.043%
2	2.528	66	75	80	rVB	147543	213578	4.24%	0.552%
3	5.098	509	512	521	rVB	75581	85974	1.71%	0.222%
4	5.493	574	579	582	rBV	2709958	2434792	48.37%	6.293%
5	6.498	745	750	753	rBV	1843974	1505115	29.90%	3.890%
6	6.645	771	775	779	rBV	3874776	4009489	79.65%	10.362%
7	6.881	811	815	818	rBV	1312271	1101743	21.89%	2.847%
8	7.040	837	842	845	rBV	3813909	3606557	71.65%	9.321%
9	7.445	905	911	914	rBV	2995400	3162491	62.82%	8.173%
10	8.163	1028	1033	1036	rBV	1757729	1497457	29.75%	3.870%
11	8.981	1166	1172	1177	rBV6	29510	52242	1.04%	0.135%
12	9.239	1210	1216	1219	rBV	5245694	5033916	100.00%	13.010%
13	9.916	1327	1331	1335	rBV	1660546	1584668	31.48%	4.096%
14	10.181	1373	1376	1380	rBV	117585	132157	2.63%	0.342%
15	10.216	1380	1382	1393	rVB2	94818	137186	2.73%	0.355%
16	10.363	1404	1407	1409	rBV3	51695	60980	1.21%	0.158%
17	10.381	1409	1410	1417	rVB2	81881	103657	2.06%	0.268%
18	10.563	1439	1441	1448	rBV3	65104	113048	2.25%	0.292%
19	10.639	1448	1454	1457	rBV	181201	275848	5.48%	0.713%
20	10.710	1461	1466	1469	rBV	3034771	3137197	62.32%	8.108%
21	11.404	1580	1584	1588	rBV	1689506	1546402	30.72%	3.997%
22	11.922	1667	1672	1676	rBV2	170156	190082	3.78%	0.491%
23	12.710	1803	1806	1813	rBV2	59979	64792	1.29%	0.167%
24	12.992	1849	1854	1857	rBV	4382950	4645837	92.29%	12.007%
25	14.045	2029	2033	2045	rVB	1413247	1378788	27.39%	3.563%
26	15.521	2278	2284	2295	rBV	754649	1054582	20.95%	2.726%

Sum of corrected areas: 38692792

LSC Report - Integrated Chromatogram

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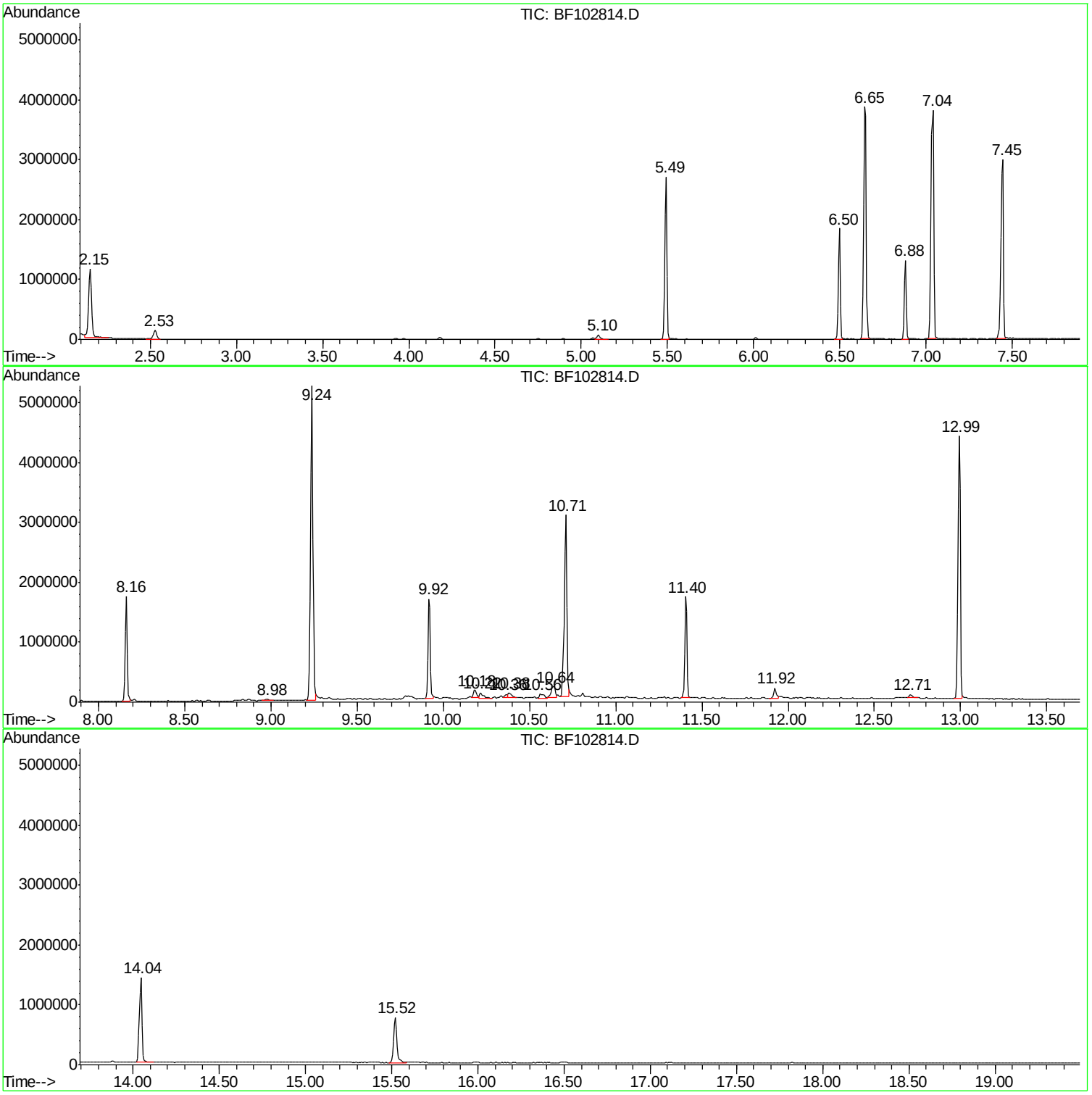
Instrument : BNA_F
ClientSampleId : LW-01-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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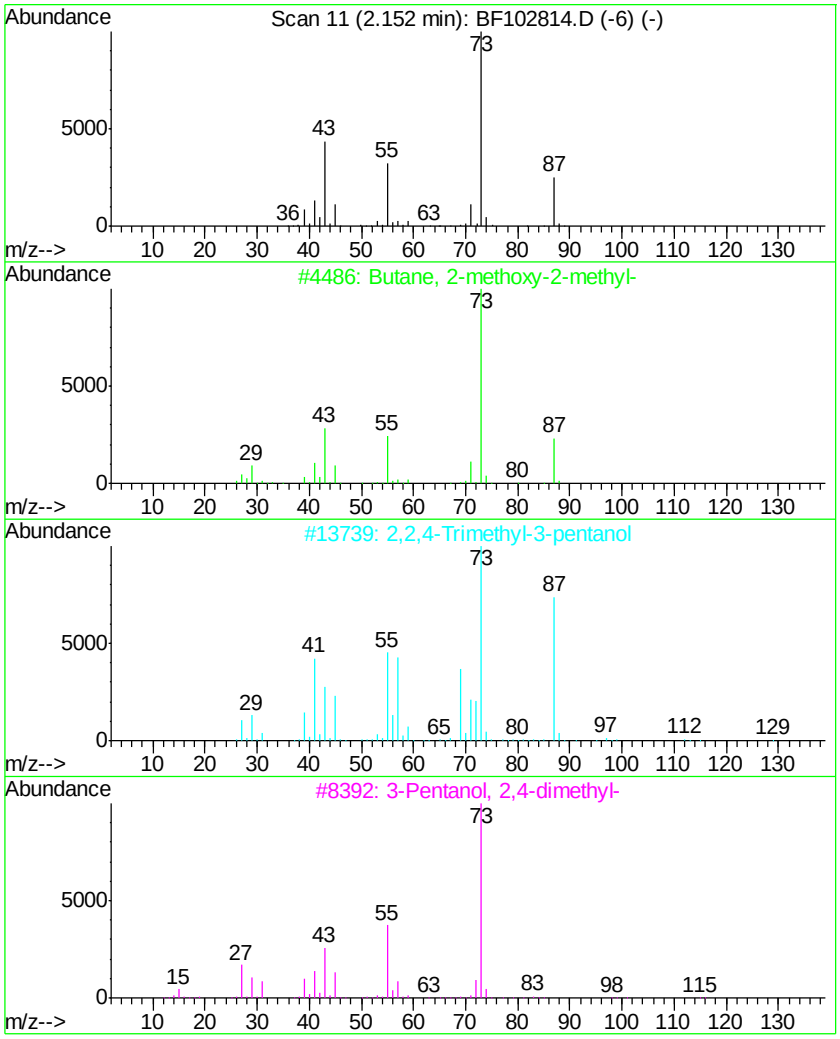
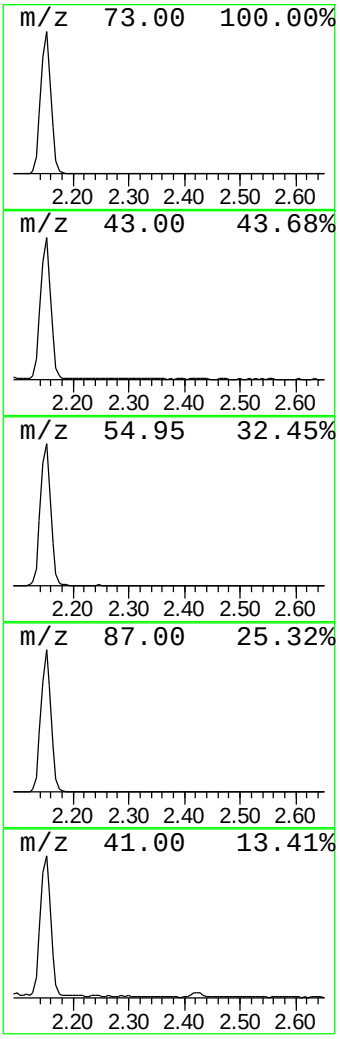
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	28.40 ng	1564210	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LW-01-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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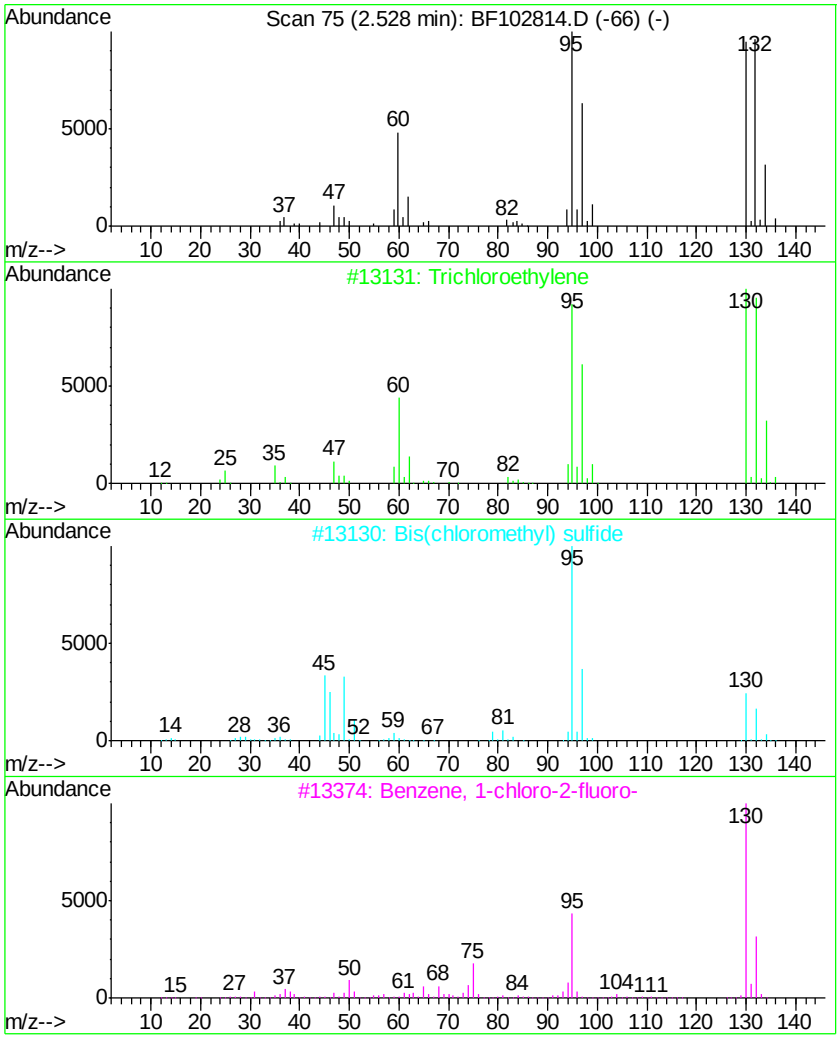
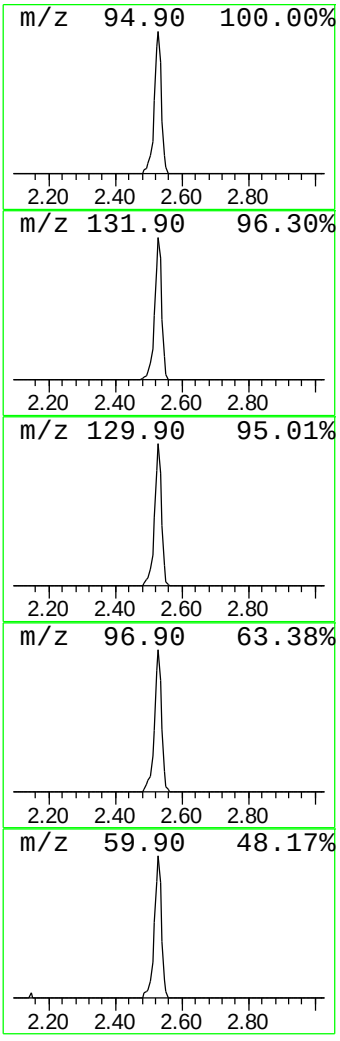
Peak Number 2 Trichloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.53	3.88 ng	213578	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	Bis(chloromethyl) sulfide	130	C2H4Cl2S	003592-44-7	53
3	Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	25
4	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	25
5	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22





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Sample : J1455-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LW-01-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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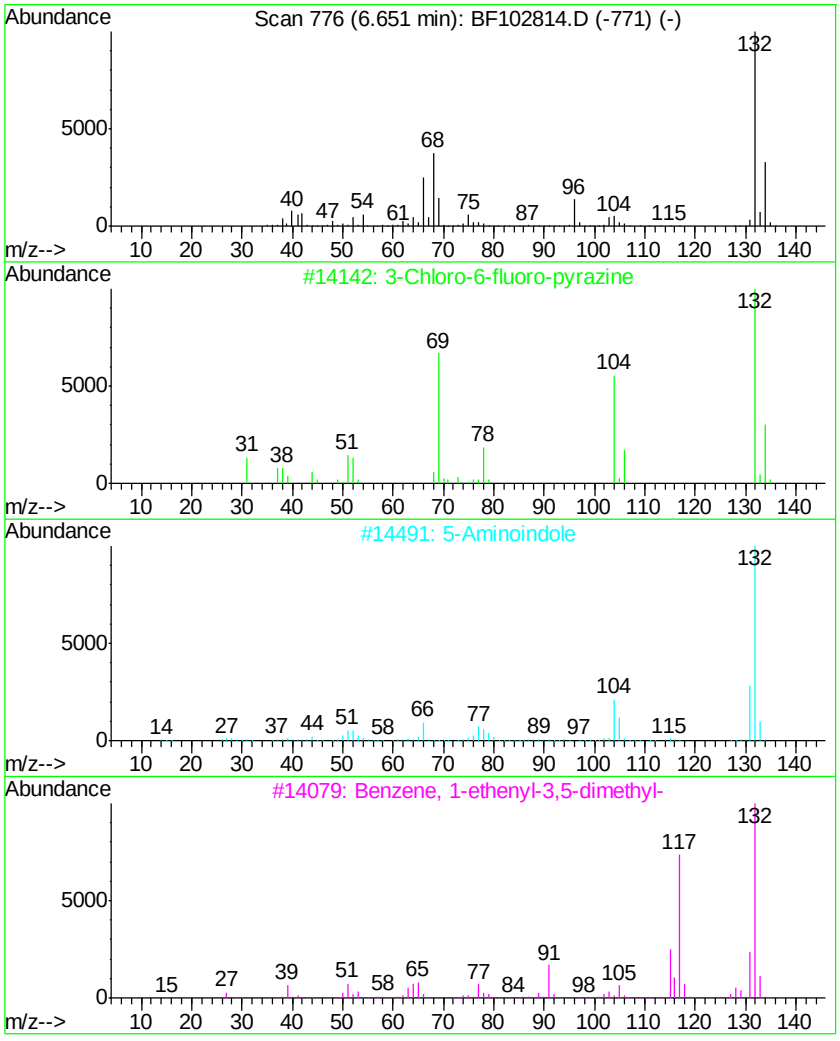
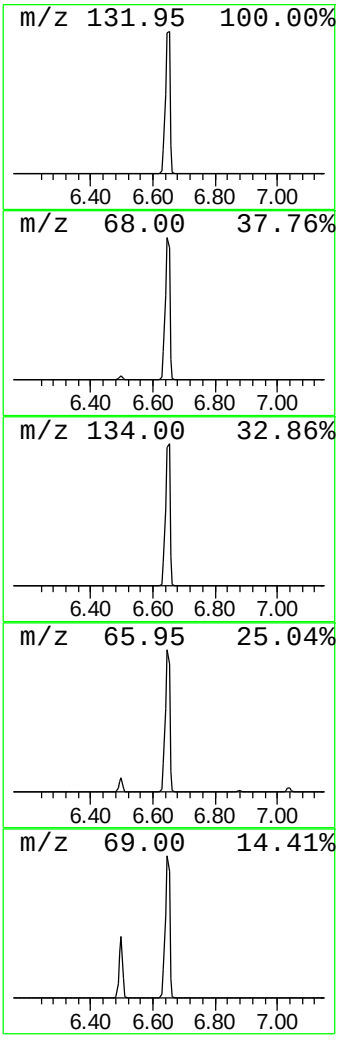
Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.78 ng	4009490	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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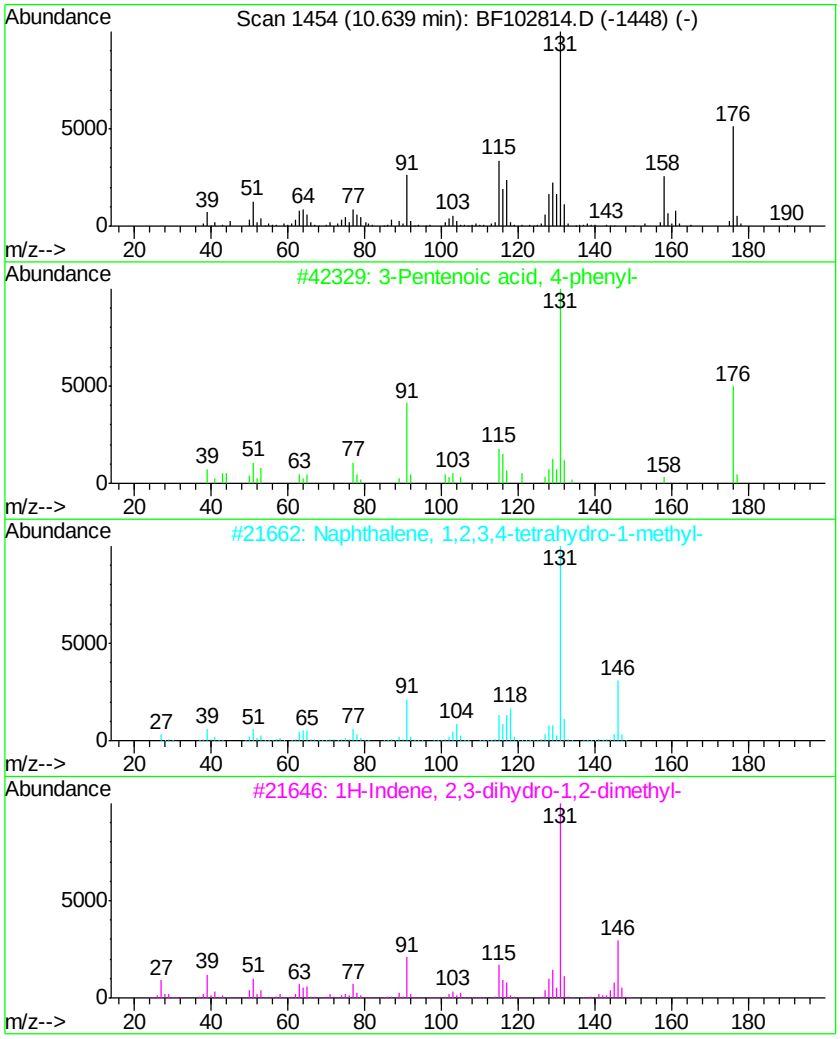
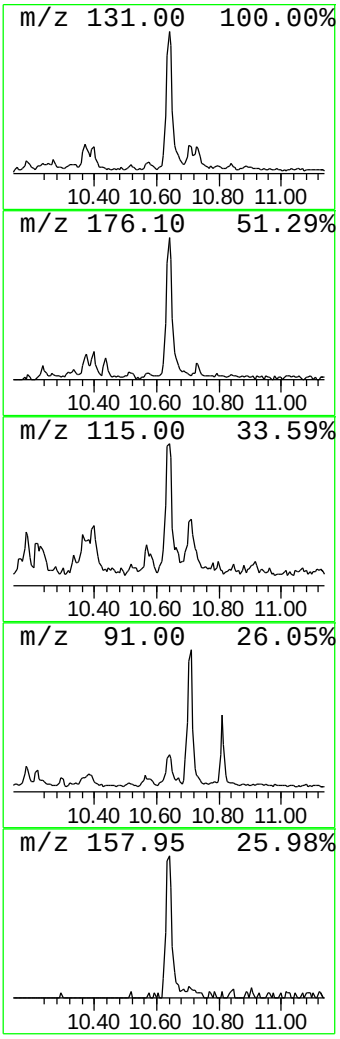
Peak Number 5 3-Pentenoic acid, 4-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	3.48 ng	275848	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	58
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	47
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	47





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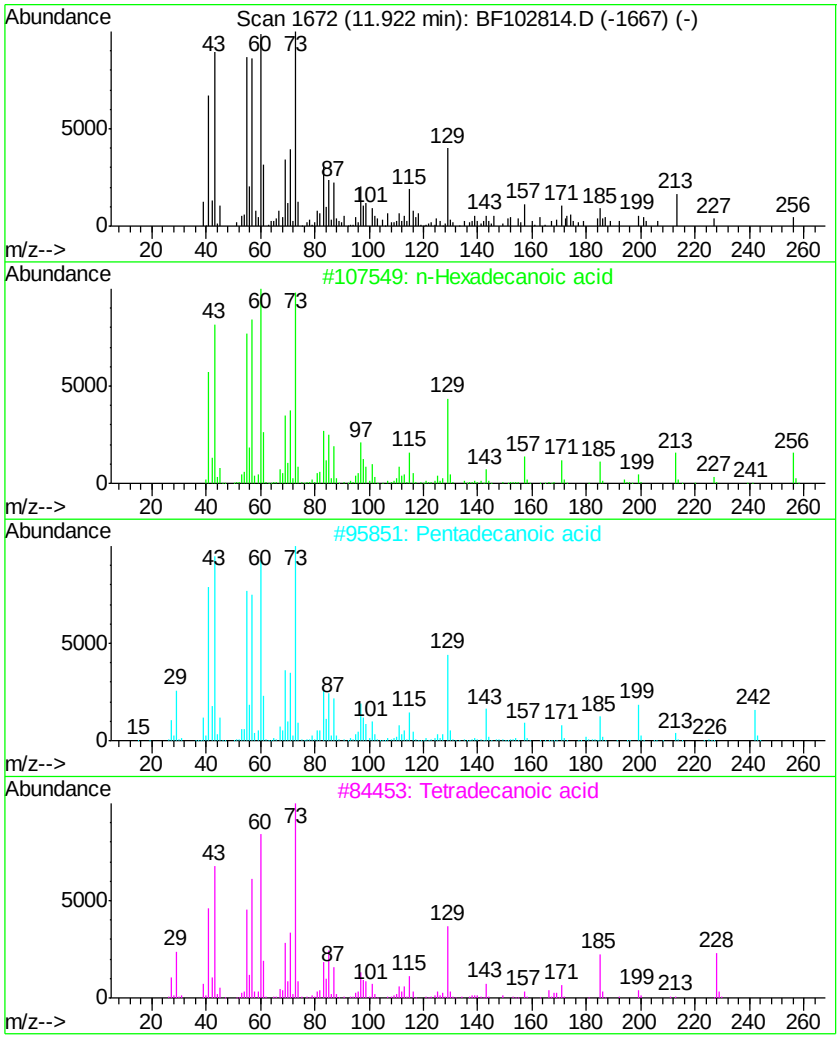
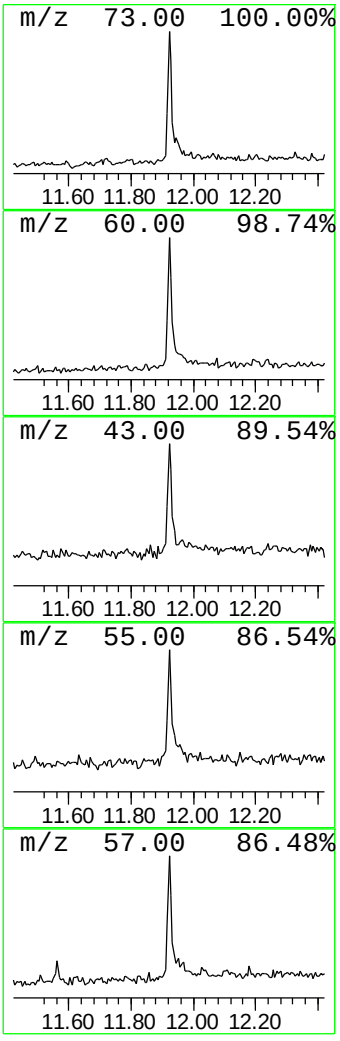
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.46 ng	190082	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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...	2.15	28.4	ng	1564210	1	6.88	1101740	20.0
Trichloroethylene	2.53	3.9	ng	213578	1	6.88	1101740	20.0
unknown6.65	6.65	72.8	ng	4009490	1	6.88	1101740	20.0
3-Pentenoic acid,...	10.64	3.5	ng	275848	3	9.92	1584670	20.0
n-Hexadecanoic acid	11.92	2.5	ng	190082	4	11.40	1546400	20.0