LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124735.D
Acq On : 24 Jul 2021 3:18
Operator : JU/CG
Sample : M3152-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COLL-HOLE-A

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124735.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	12	16	20	rBB	11098	11936	6.42%	0.990%
2	5.098	509	512	515	rBB	2105	2428	1.31%	0.201%
3	5.487	573	578	581	rBB	153400	139009	74.75%	11.525%
4	6.492	744	749	752	rBB	146774	144922	77.92%	12.015%
5	6.869	810	813	816	rBB	51688	38043	20.46%	3.154%
6	7.433	904	909	911	rBB	99675	97653	52.51%	8.096%
7	8.051	1010	1014	1017	rBB	70953	63343	34.06%	5.252%
8	8.151	1027	1031	1034	rBB	68056	52775	28.38%	4.375%
9	9.227	1209	1214	1217	rBV	237641	185977	100.00%	15.419%
10	9.339	1230	1233	1235	rBB	10862	7731	4.16%	0.641%
11	9.904	1326	1329	1332	rBB	73945	60804	32.69%	5.041%
12	10.692	1459	1463	1466	rBB	127970	107094	57.58%	8.879%
13	11.392	1578	1582	1585	rBB	71542	55710	29.96%	4.619%
14	11.780	1646	1648	1651	rBB	6082	4093	2.20%	0.339%
15	11.910	1668	1670	1673	rBB	12117	10158	5.46%	0.842%
16	12.486	1766	1768	1771	rBB	13497	9442	5.08%	0.783%
17	12.698	1802	1804	1806	rBB	5682	3639	1.96%	0.302%
18	12.980	1847	1852	1855	rBB	164225	146012	78.51%	12.105%
19	13.868	2000	2003	2006	rBV2	6187	6524	3.51%	0.541%
20	14.027	2027	2030	2033	rBB	41602	31131	16.74%	2.581%
21	15.498	2275	2280	2283	rBB2	25271	27750	14.92%	2.301%

Sum of corrected areas: 1206174

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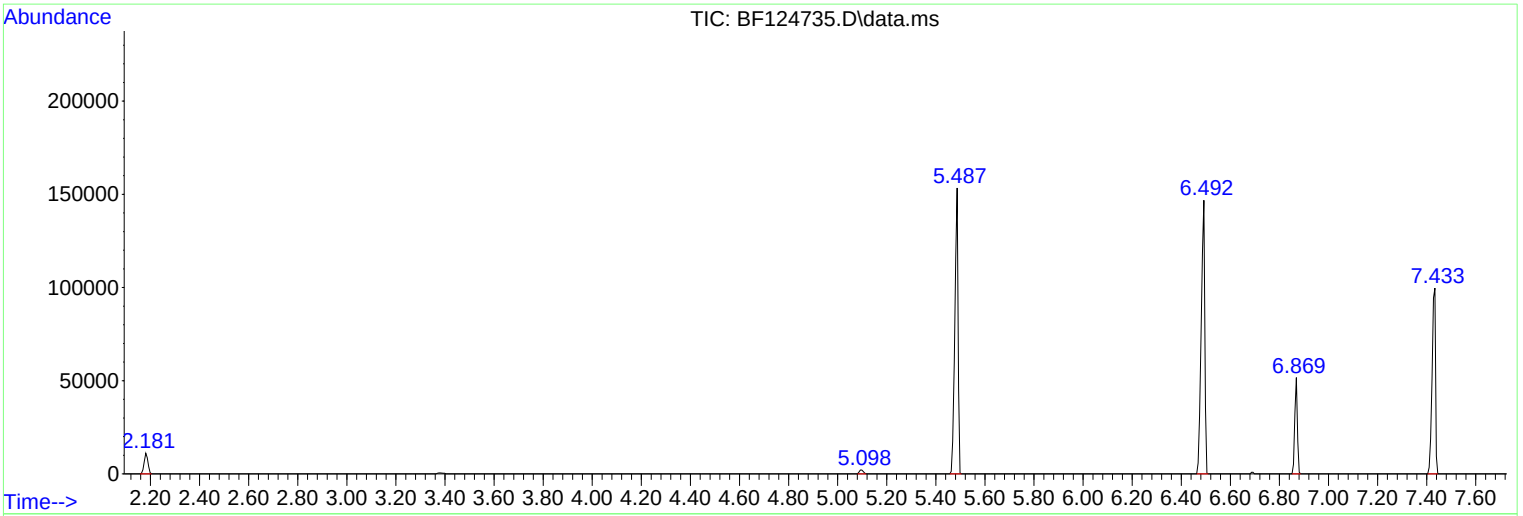
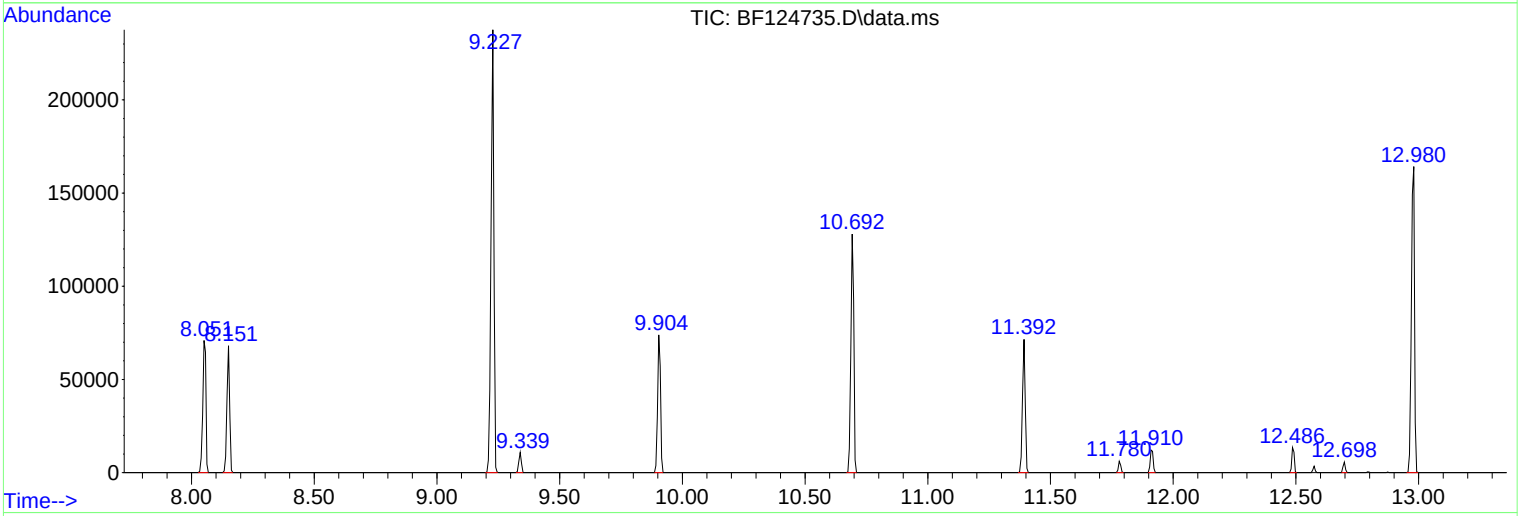
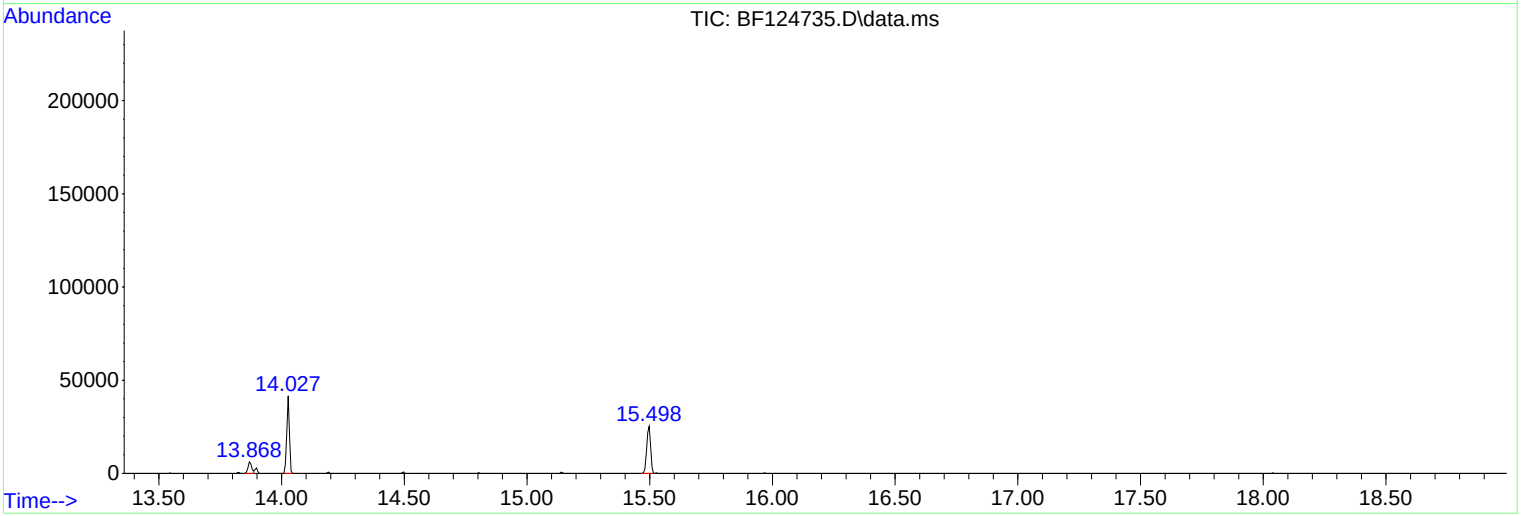
ClientSampleId :
COLL-HOLE-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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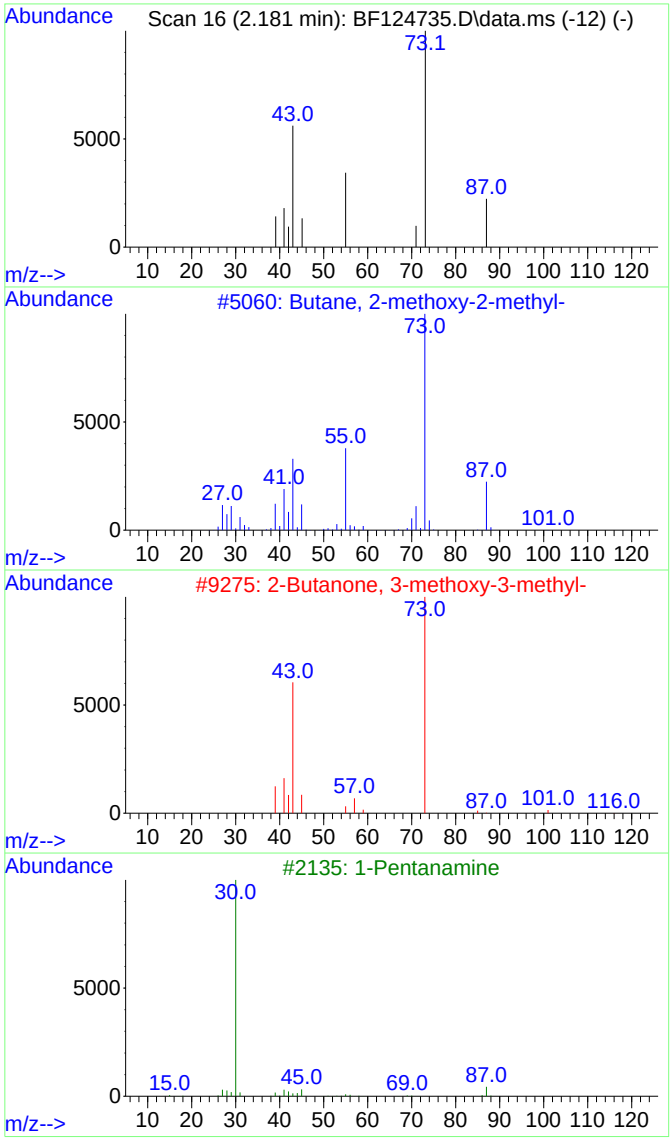
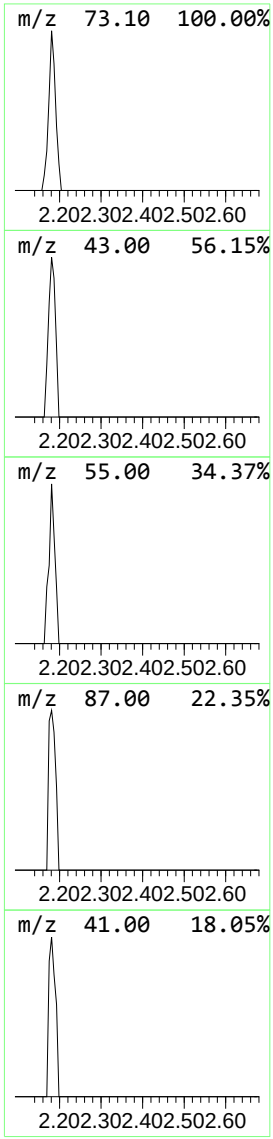
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	6.28 ng	11936	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
3	1-Pentanamine	87	C5H13N	000110-58-7	7
4	Isobutylamine	73	C4H11N	000078-81-9	5
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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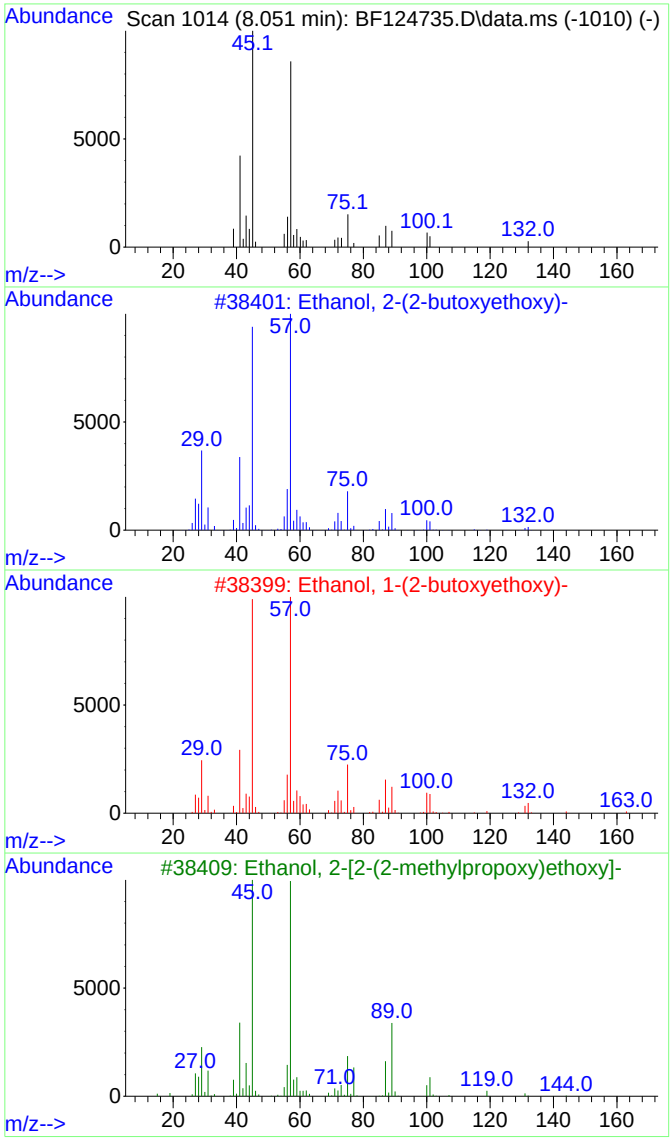
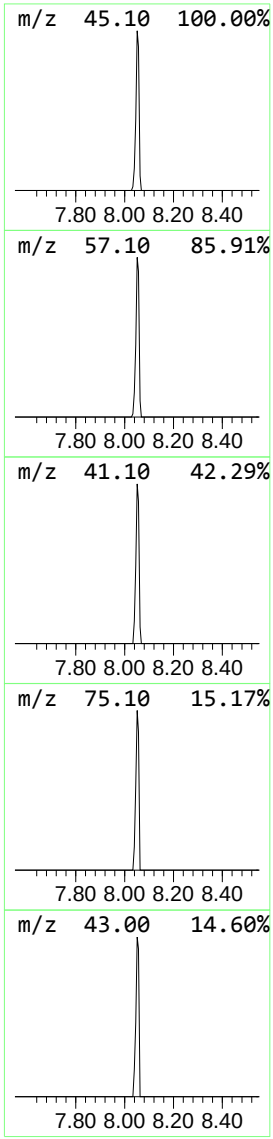
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	24.00 ng	63343	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	74
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53





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Sample : M3152-07
Misc :
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Instrument :
BNA_F
ClientSampleId :
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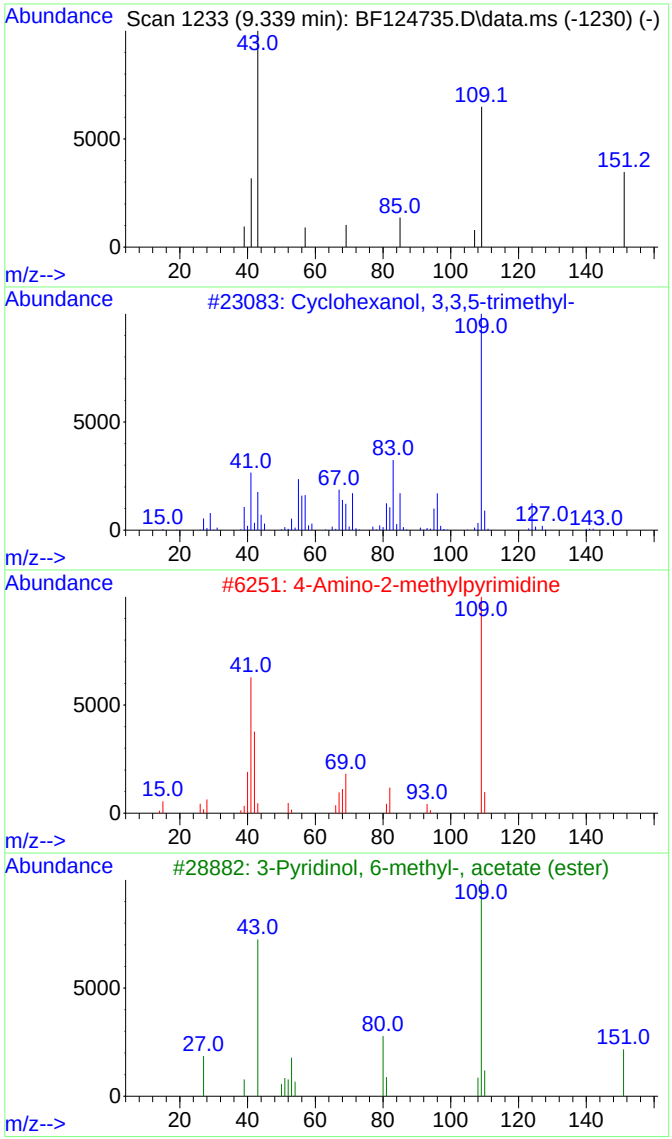
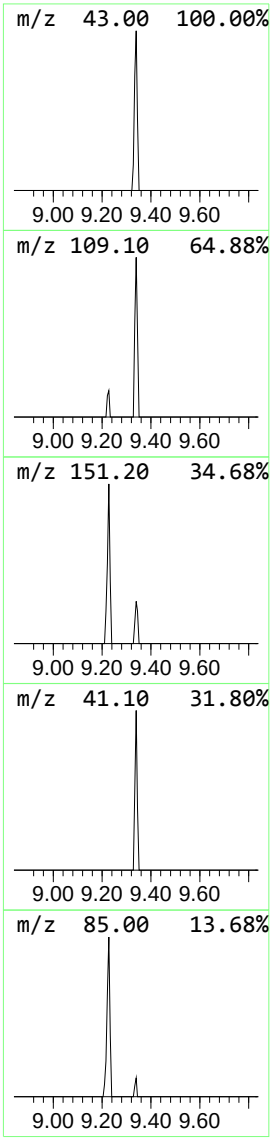
Peak Number 3 unknown9.339 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	2.54 ng	7731	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	9
2	4-Amino-2-methylpyrimidine	109	C5H7N3	000074-69-1	7
3	3-Pyridinol, 6-methyl-, acetate ...	151	C8H9NO2	004842-89-1	5
4	3-Thiophenecarbonitrile	109	C5H3NS	001641-09-4	4
5	2-Thiophenecarbonitrile	109	C5H3NS	001003-31-2	4





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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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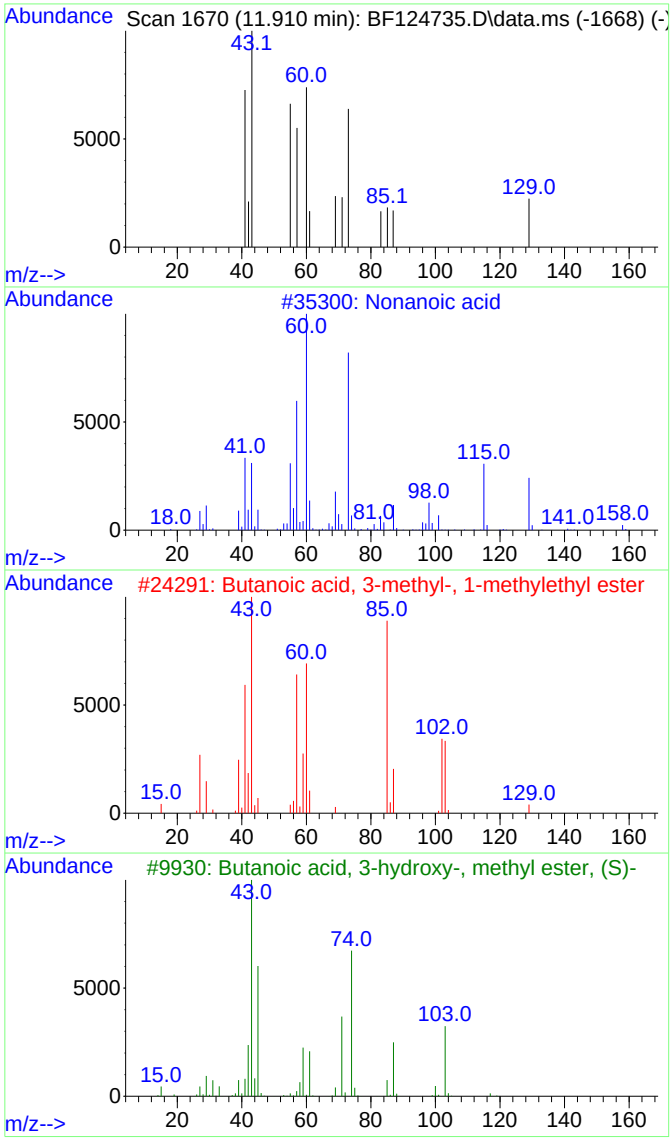
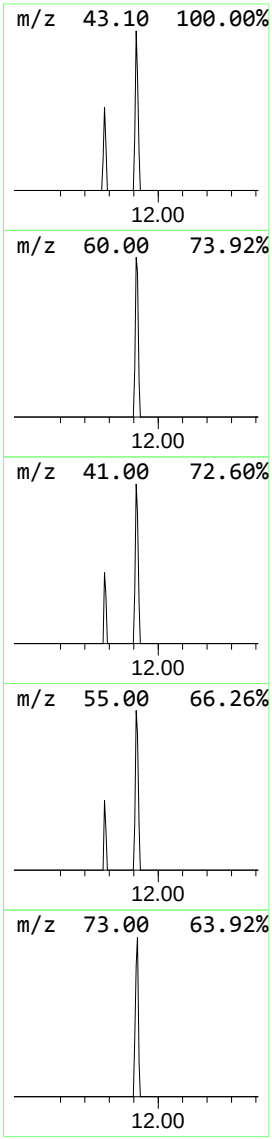
Peak Number 4 unknown11.910 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	3.65 ng	10158	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	40
2	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	40
3	Butanoic acid, 3-hydroxy-, methy...	118	C5H10O3	053562-86-0	9
4	Octanoic acid	144	C8H16O2	000124-07-2	9
5	Eicosyl isobutyl ether	354	C24H50O	1000406-33-0	9





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ALS Vial : 21 Sample Multiplier: 1

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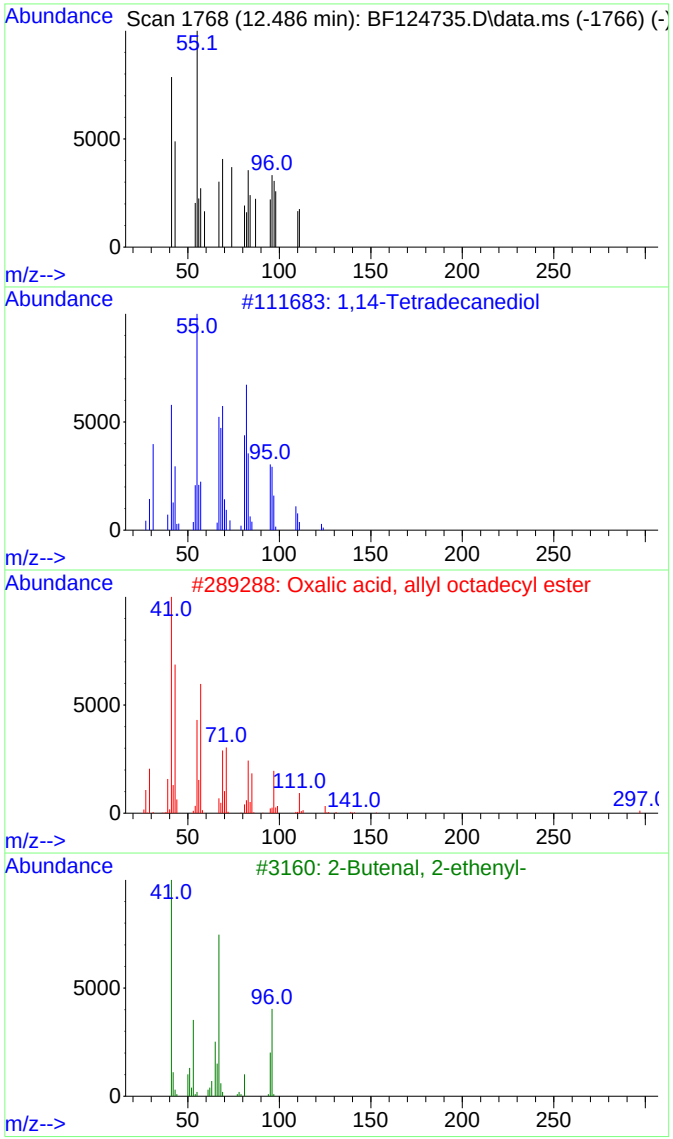
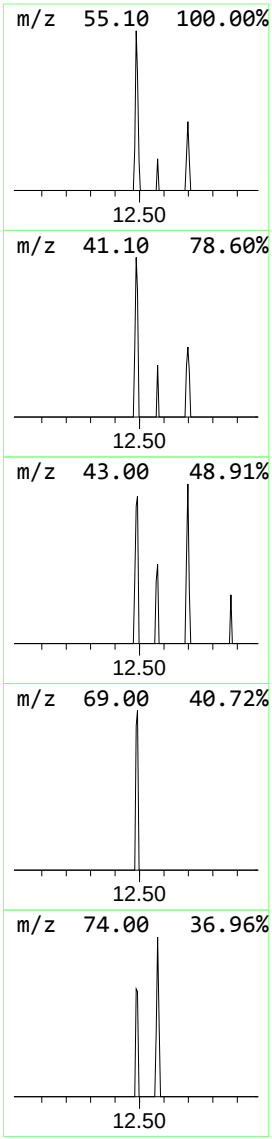
Peak Number 5 unknown12.486 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	3.39 ng	9442	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,14-Tetradecanediol	230	C14H30O2	019812-64-7	17
2	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	10
3	2-Butenal, 2-ethenyl-	96	C6H8O	020521-42-0	9
4	2,4-Hexadien-1-ol	98	C6H10O	000111-28-4	9
5	2(5H)-Furanone, 5-methyl-	98	C5H6O2	000591-11-7	9





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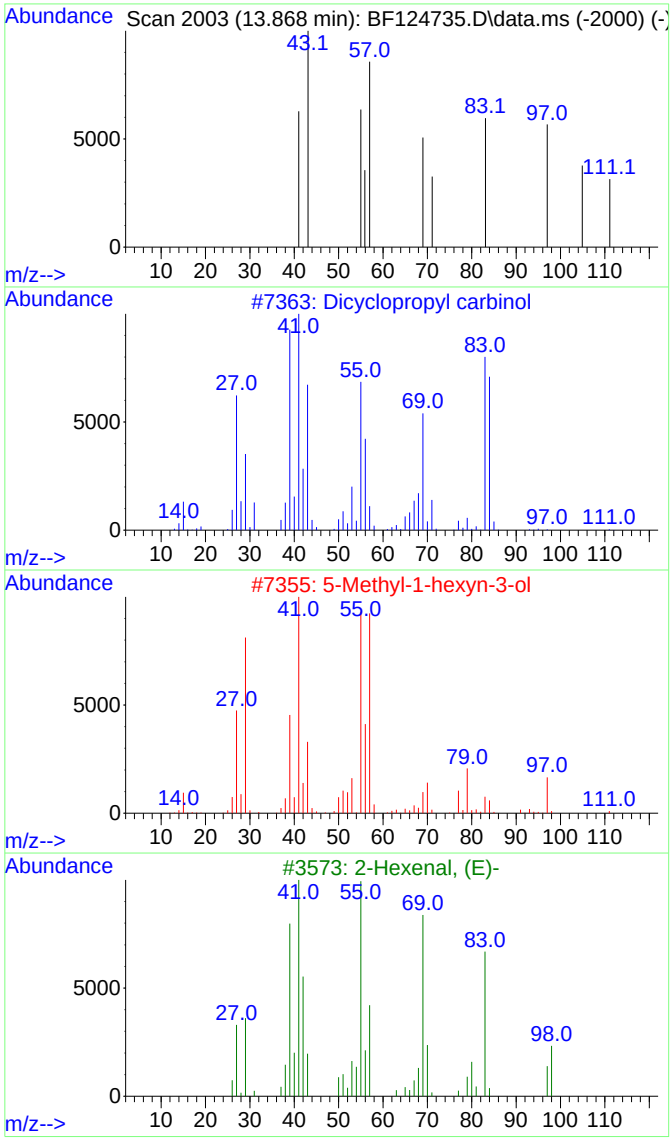
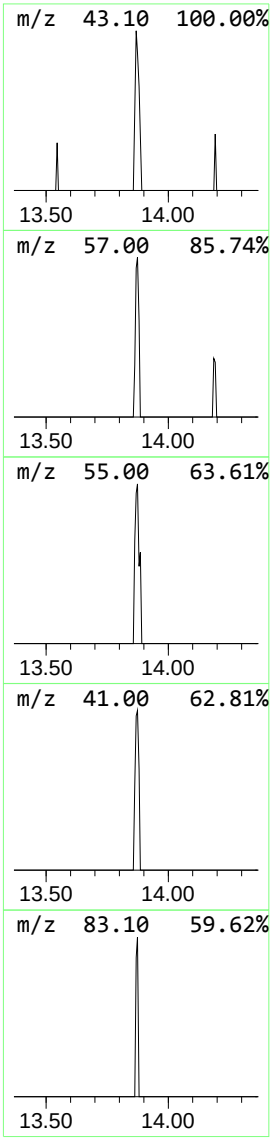
Peak Number 6 unknown13.868 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	4.19 ng	6524	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopropyl carbinol	112	C7H12O	014300-33-5	9
2	5-Methyl-1-hexyn-3-ol	112	C7H12O	061996-79-0	9
3	2-Hexenal, (E)-	98	C6H10O	006728-26-3	9
4	1-Butanol, 4-butoxy-	146	C8H18O2	004161-24-4	9
5	Cyclobutanone, 2-methyl-2-oxiranyl-	126	C7H10O2	075314-19-1	9





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.181	6.3	ng	11936	1	6.869	38043	20.0
Ethanol, 2-(2-b...	8.051	24.0	ng	63343	2	8.151	52775	20.0
unknown9.339	9.339	2.5	ng	7731	3	9.904	60804	20.0
unknown11.910	11.910	3.6	ng	10158	4	11.392	55710	20.0
unknown12.486	12.486	3.4	ng	9442	4	11.392	55710	20.0
unknown13.868	13.868	4.2	ng	6524	5	14.027	31131	20.0