LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135430.D
Acq On : 25 Sep 2023 16:50
Operator : CG\JU
Sample : 04540-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRANSCO-M-R-HEATER

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135430.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	557	560	571	rBV	1910483	1938320	3.75%	2.305%
2	6.392	729	732	740	rBV	1124364	1221357	2.36%	1.452%
3	6.751	790	793	799	rBV	1106328	887653	1.72%	1.055%
4	7.322	884	890	893	rBV	2835902	2978250	5.76%	3.541%
5	8.028	1007	1010	1014	rBV	1204721	1158508	2.24%	1.378%
6	8.628	1108	1112	1115	rBV	2067159	1653583	3.20%	1.966%
7	8.769	1132	1136	1140	rBV	2163018	1946239	3.76%	2.314%
8	9.110	1189	1194	1197	rBV	4747588	4630156	8.96%	5.506%
9	9.233	1210	1215	1222	rBV	1800530	1925886	3.73%	2.290%
10	9.522	1260	1264	1267	rBV	2260284	1897202	3.67%	2.256%
11	9.786	1303	1309	1313	rBV2	2204110	2556945	4.95%	3.040%
12	10.133	1332	1368	1371	rBV	6746398	51695979	100.00%	61.470%
13	10.592	1441	1446	1449	rBV	2593209	2618641	5.07%	3.114%
14	11.280	1559	1563	1567	rBV	1483095	1214762	2.35%	1.444%
15	11.821	1649	1655	1665	rBV	635554	835144	1.62%	0.993%
16	12.880	1830	1835	1838	rBV	3704889	3488063	6.75%	4.148%
17	13.939	2011	2015	2021	rVB	720734	657196	1.27%	0.781%
18	15.404	2259	2264	2274	rVB	618483	795103	1.54%	0.945%

Sum of corrected areas: 84098987

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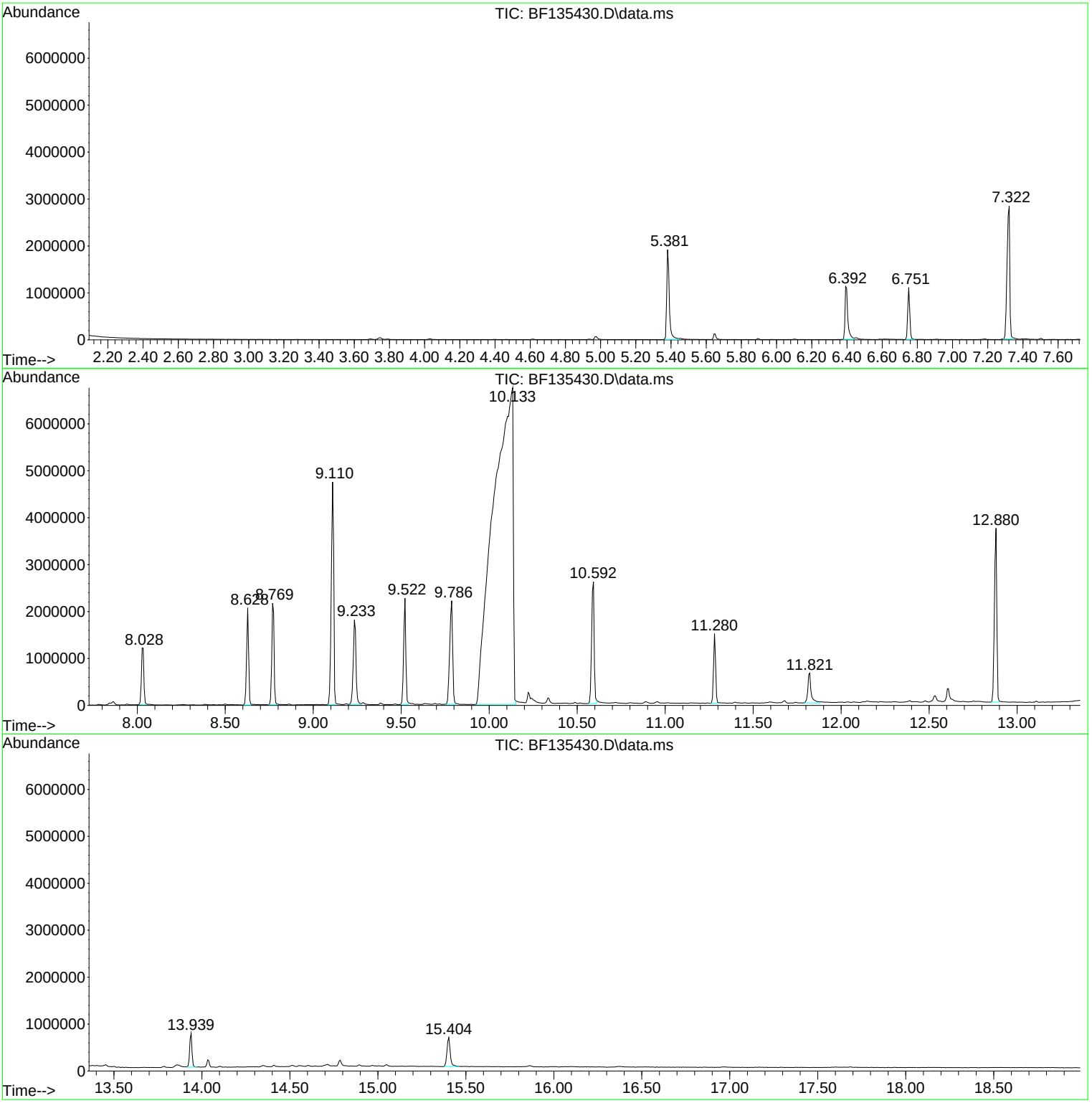
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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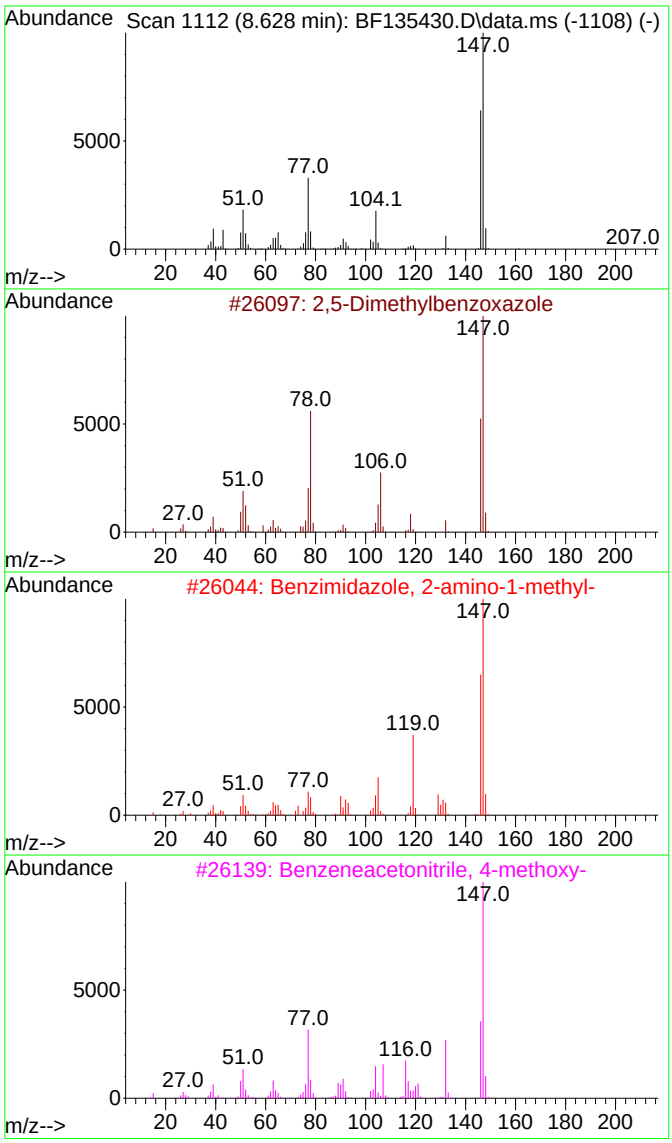
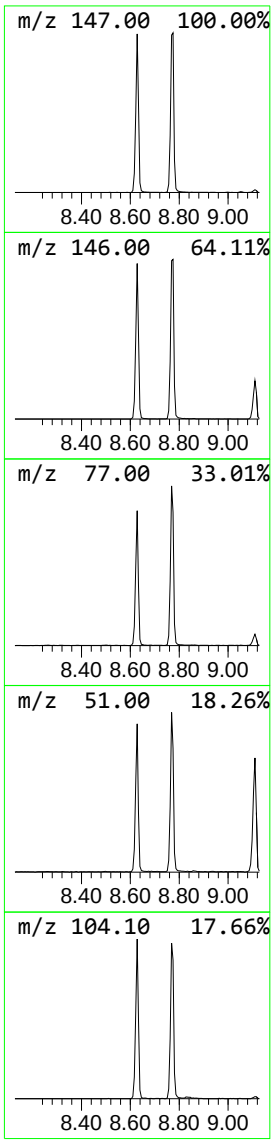
****

Peak Number 1 2,5-Dimethylbenzoxazole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	28.55 ng	1653580	Naphthalene-d8	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	86
2	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	78
3	Benzeneacetonitrile, 4-methoxy-	147	C9H9NO	000104-47-2	59
4	2-Methyl-4-indolol	147	C9H9NO	035320-67-3	53
5	(E)-N,N-Dimethyl-2-phenylethen-1...	147	C10H13N	1000482-46-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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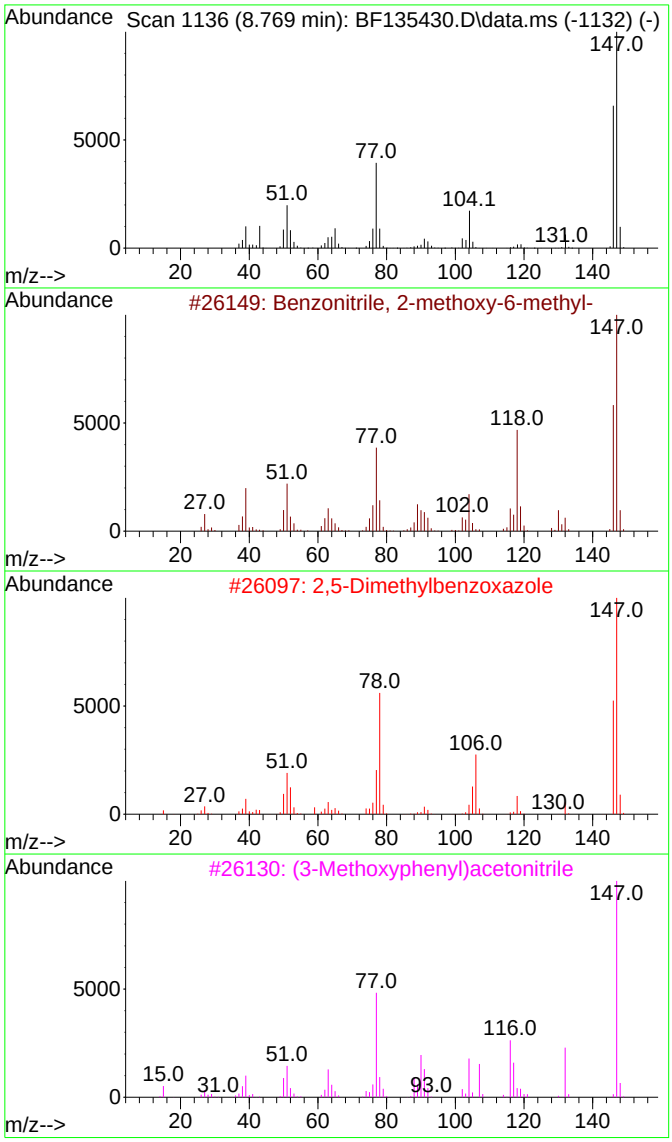
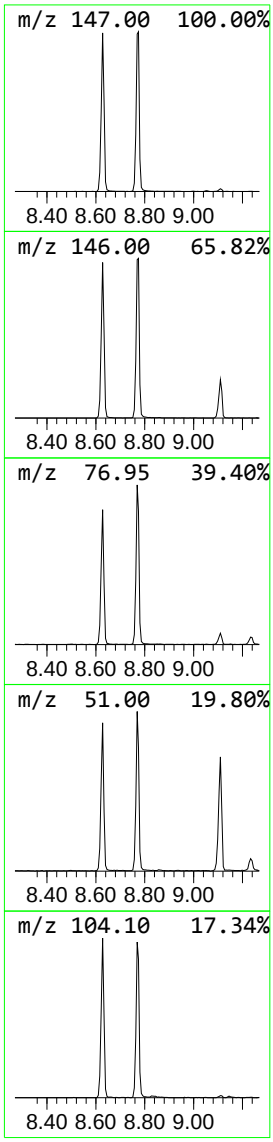
****
Peak Number 2 Benzonitrile, 2-methoxy-6-m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	33.60 ng	1946240	Naphthalene-d8	8.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-methoxy-6-methyl-	147	C9H9NO	053005-44-0	86
2	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	64
3	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	50
4	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	50
5	2-Methyl-1H-benzimidazol-1-amine	147	C8H9N3	006299-93-0	49





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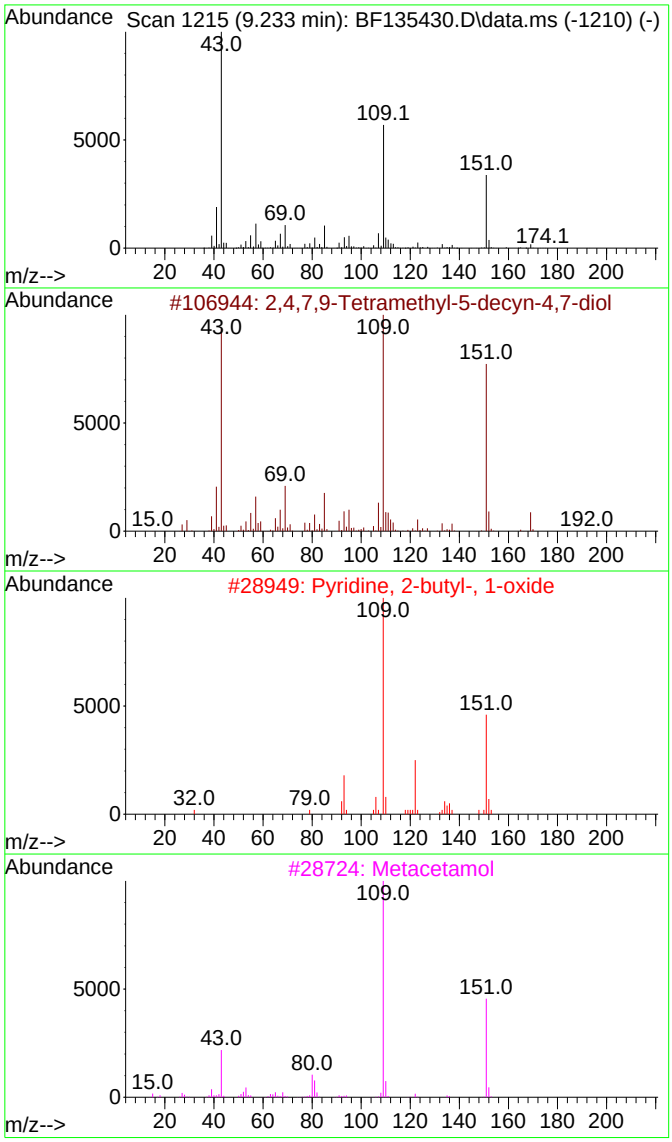
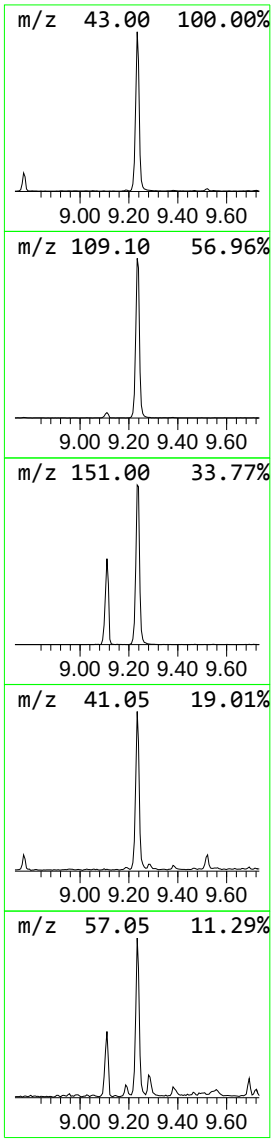
****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	15.06 ng	1925890	Acenaphthene-d10	9.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	47
4	Acetaminophen	151	C8H9NO2	000103-90-2	47
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	38





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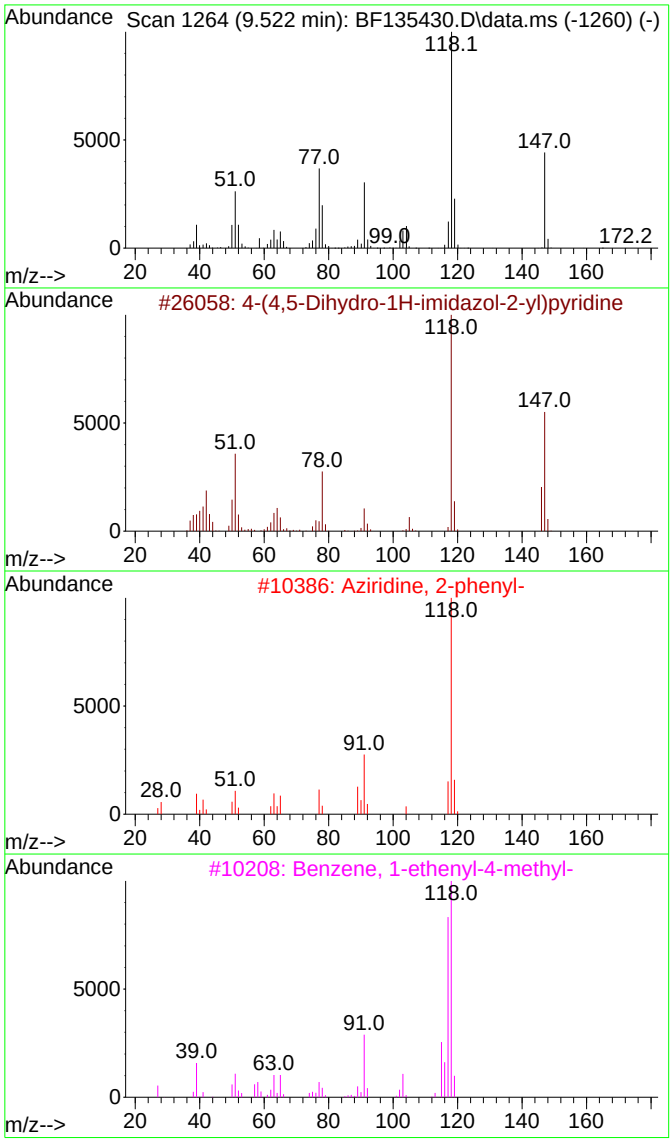
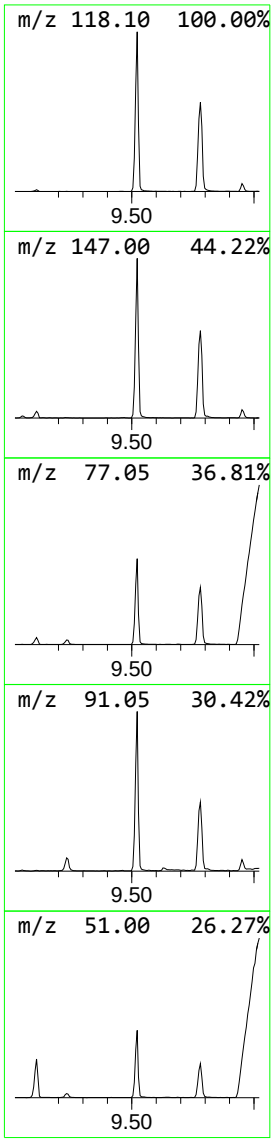
****
Peak Number 4 4-(4,5-Dihydro-1H-imidazol-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	14.84 ng	1897200	Acenaphthene-d10	9.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4,5-Dihydro-1H-imidazol-2-yl)...	147	C8H9N3	021381-61-3	68
2	Aziridine, 2-phenyl-	119	C8H9N	001499-00-9	47
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	38
4	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	38
5	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	38





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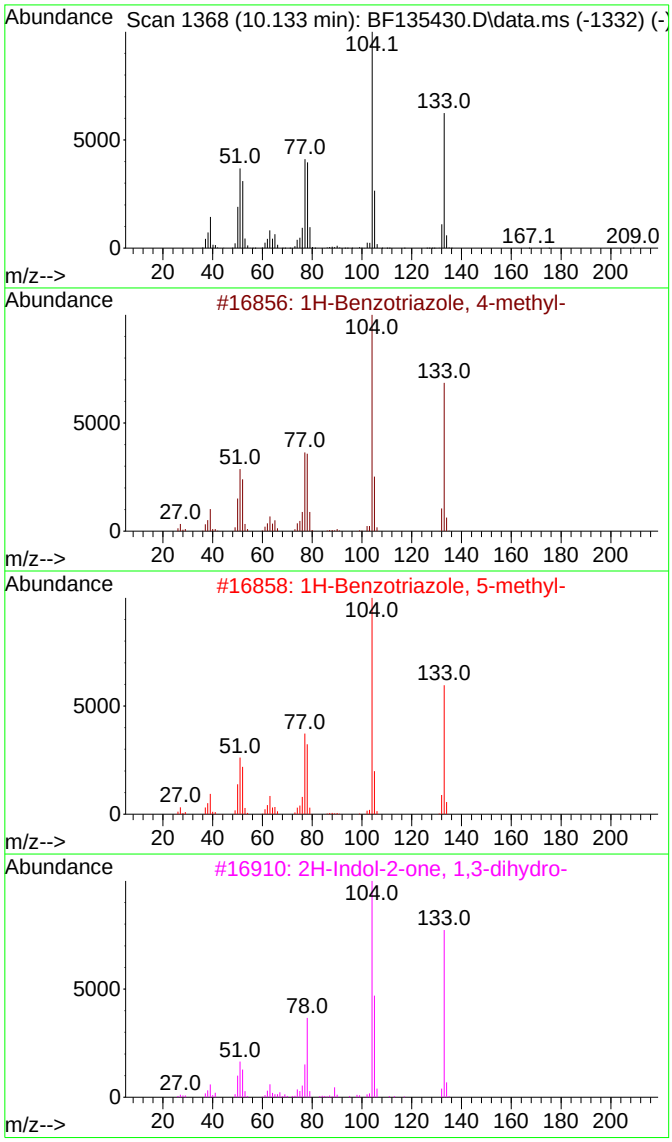
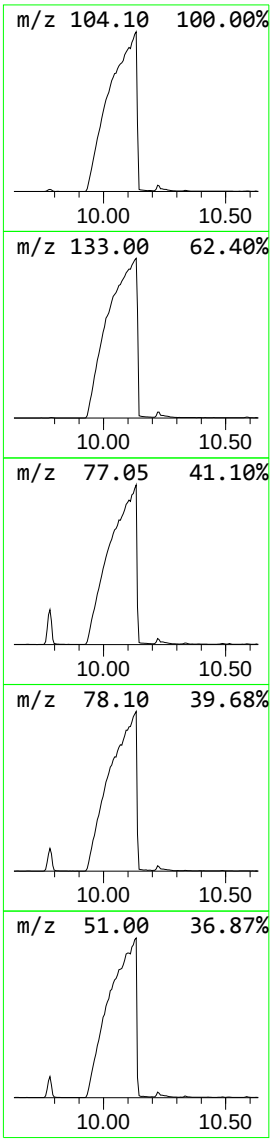
****

Peak Number 5 1H-Benzotriazole, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	404.36 ng	51696000	Acenaphthene-d10	9.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	80
4	1H-Indol-4-ol	133	C8H7NO	002380-94-1	53
5	Indan, epoxide	132	C9H8O	000768-22-9	47





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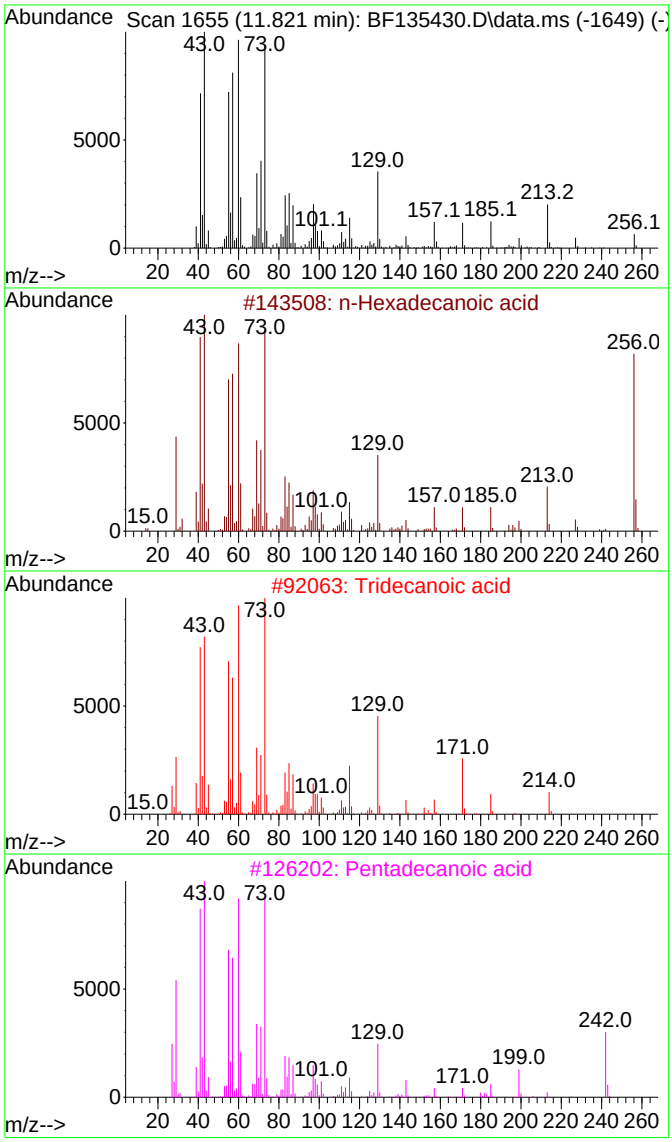
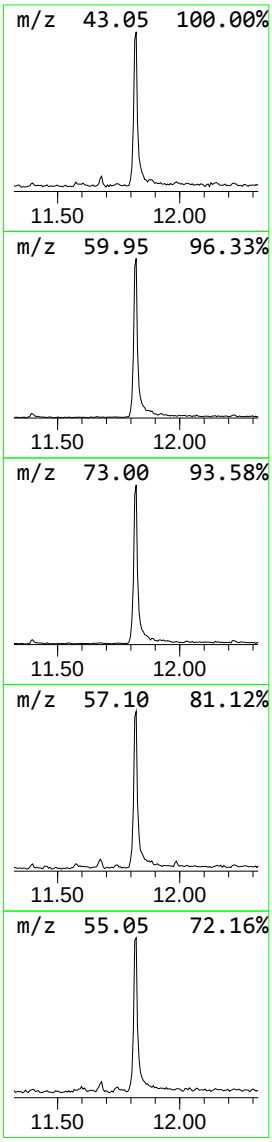
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	13.75 ng	835144	Phenanthrene-d10	11.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,5-Dimethylben...	8.628	28.6	ng	1653580	2	8.034	1158510	20.0
Benzonitrile, 2...	8.769	33.6	ng	1946240	2	8.034	1158510	20.0
2,4,7,9-Tetrame...	9.233	15.1	ng	1925890	3	9.786	2556950	20.0
4-(4,5-Dihydro-...	9.522	14.8	ng	1897200	3	9.786	2556950	20.0
1H-Benzotriazol...	10.133	404.4	ng	51696000	3	9.786	2556950	20.0
n-Hexadecanoic ...	11.822	13.8	ng	835144	4	11.280	1214760	20.0