LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024110.D
Acq On : 24 Sep 2016 5:38
Operator : UM/SJ
Sample : H4893-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-4

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_G\METHODS\8270-BG092316.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	5.102	381	385	391	rBV2	59813	91899	1.76%	0.413%
2	5.589	462	468	486	rVB	425136	768297	14.73%	3.453%
3	7.211	739	744	758	rBV	264146	524406	10.06%	2.357%
4	7.569	799	805	815	rBV	829328	1461019	28.02%	6.566%
5	8.039	878	885	894	rBV	170754	297854	5.71%	1.339%
6	8.362	933	940	950	rBV	740328	1283827	24.62%	5.770%
7	9.220	1079	1086	1098	rBV	668394	1286660	24.68%	5.783%
8	10.870	1360	1367	1379	rBV	228586	449670	8.62%	2.021%
9	13.326	1777	1785	1801	rBV	1899886	2989671	57.34%	13.437%
10	14.166	1924	1928	1936	rBV	49676	85039	1.63%	0.382%
11	14.718	2014	2022	2029	rBV	453928	735077	14.10%	3.304%
12	16.216	2270	2277	2298	rBV	1838818	2918233	55.97%	13.116%
13	17.479	2486	2492	2499	rBV2	593114	933350	17.90%	4.195%
14	17.861	2549	2557	2566	rBV8	31065	107877	2.07%	0.485%
15	18.072	2588	2593	2599	rVB	47498	69017	1.32%	0.310%
16	18.354	2637	2641	2649	rBV5	71075	121234	2.33%	0.545%
17	19.230	2783	2790	2793	rBV9	32018	76740	1.47%	0.345%
18	19.623	2853	2857	2863	rBV2	90824	142009	2.72%	0.638%
19	20.093	2931	2937	2943	rBV	4004895	5214161	100.00%	23.435%
20	20.974	3082	3087	3094	rBV	338155	474394	9.10%	2.132%
21	21.791	3219	3226	3237	rBV	640674	1150221	22.06%	5.170%
22	25.122	3784	3793	3805	rVB2	344091	1069032	20.50%	4.805%

Sum of corrected areas: 22249687

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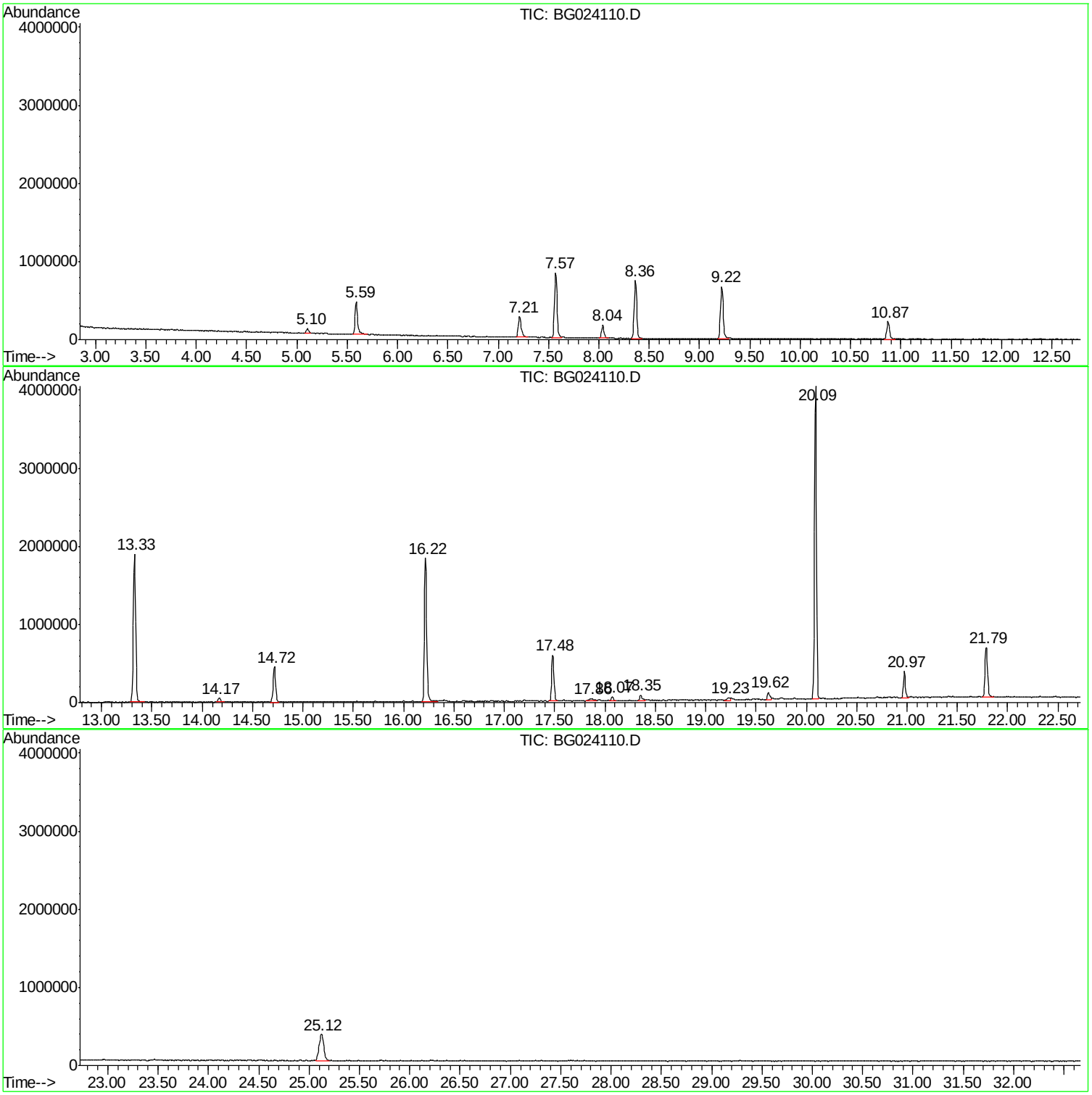
PZ-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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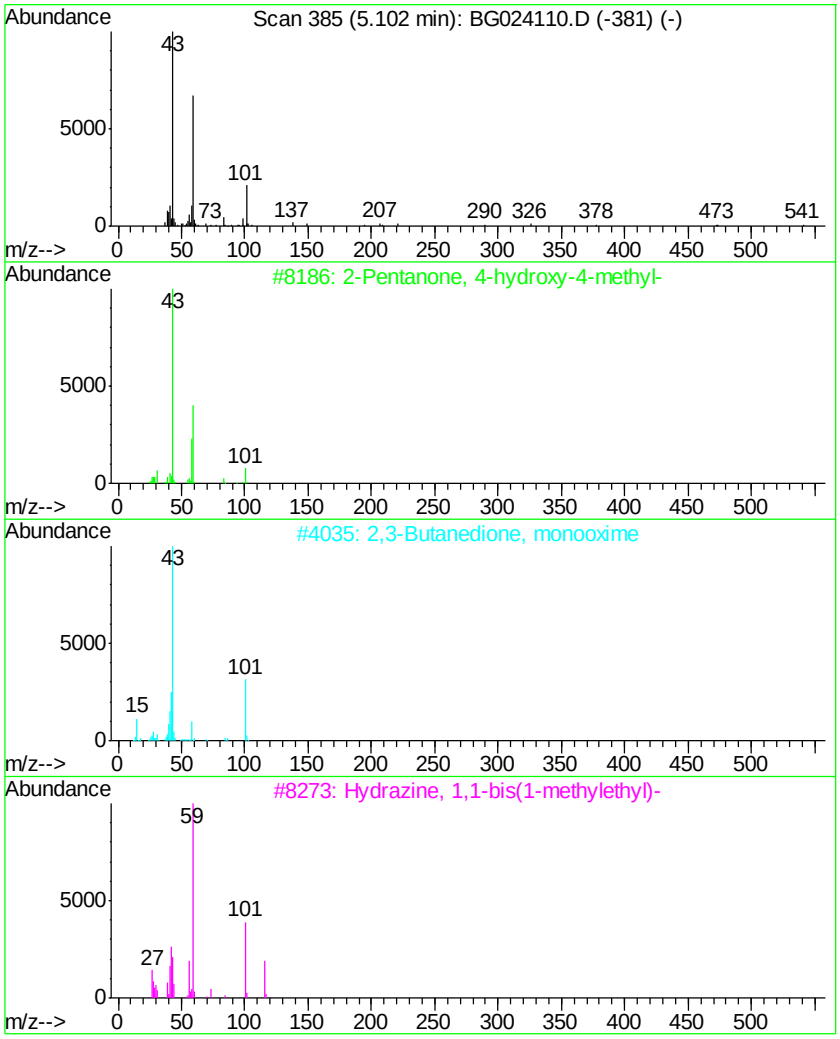
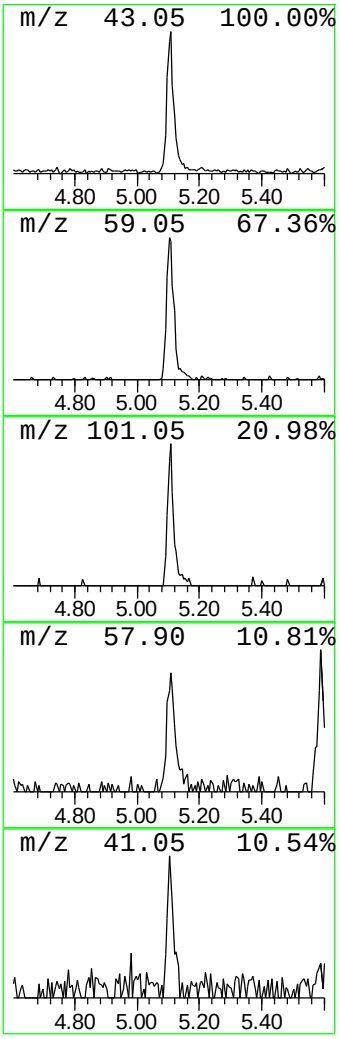
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	6.17 ng	91899	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	25
5	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	25





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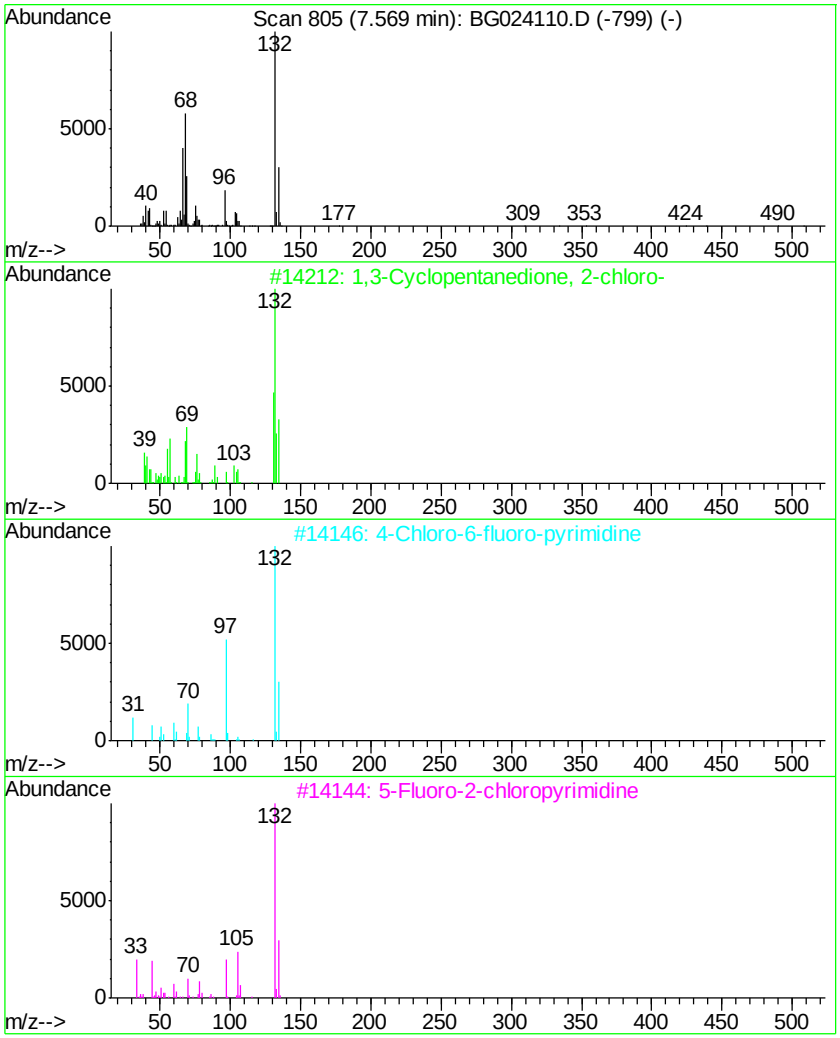
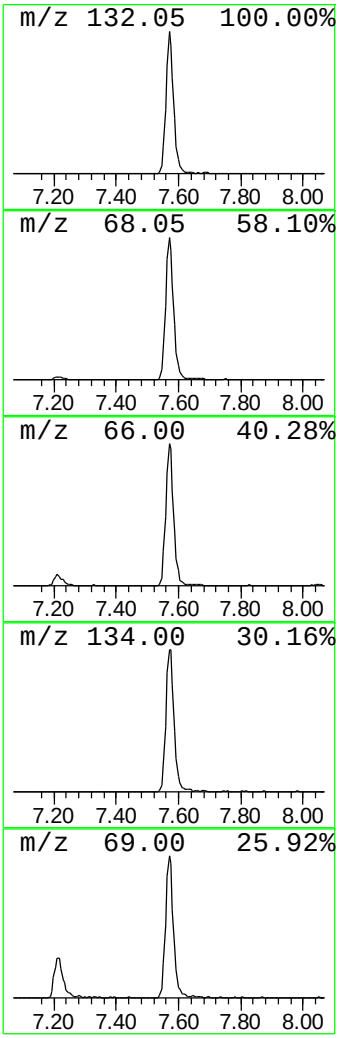
Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	98.10 ng	1461020	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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Instrument : BNA_G
ClientSampleId : PZ-4

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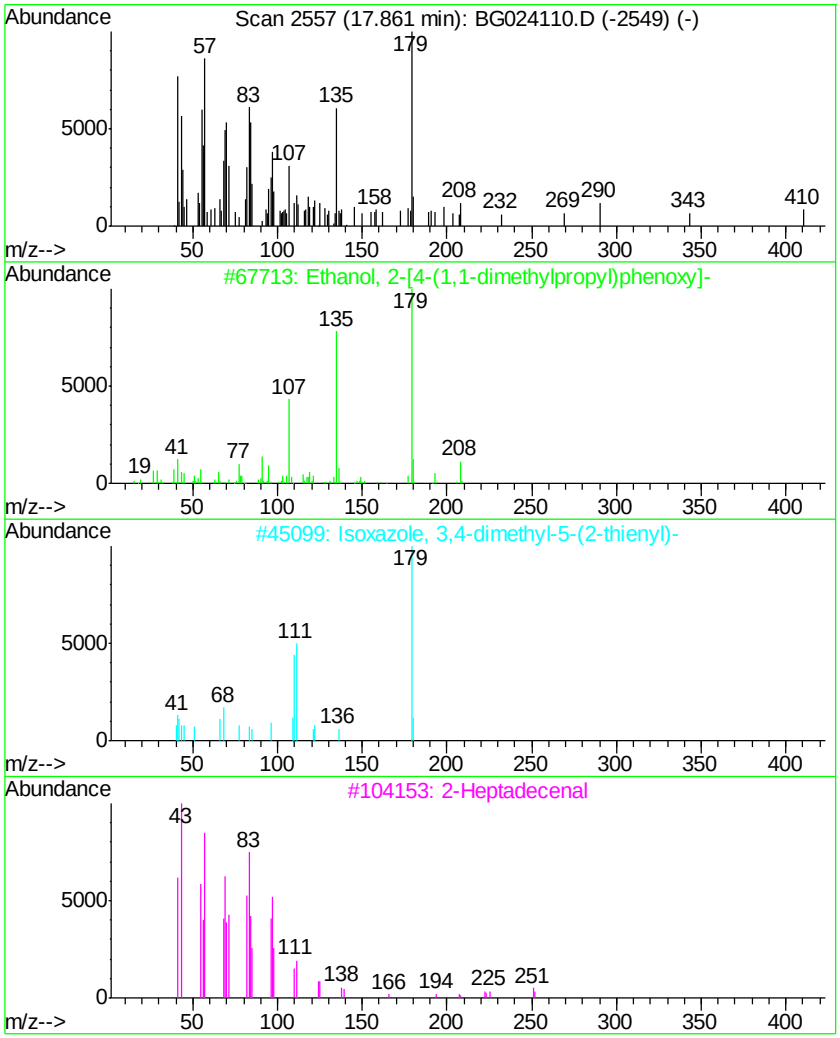
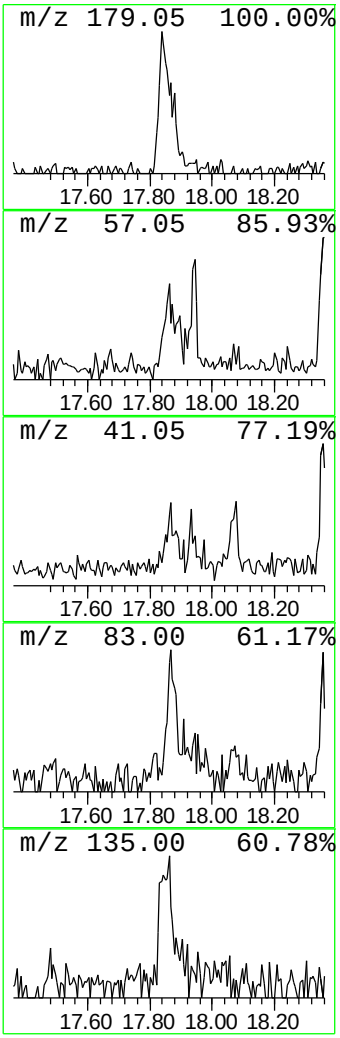
Peak Number 4 unknown17.86 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.31 ng	107877	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	46
2	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	18
3	2-Heptadecenal	252	C17H32O	1000143-48-6	18
4	1-Tetradecene	196	C14H28	001120-36-1	15
5	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	15





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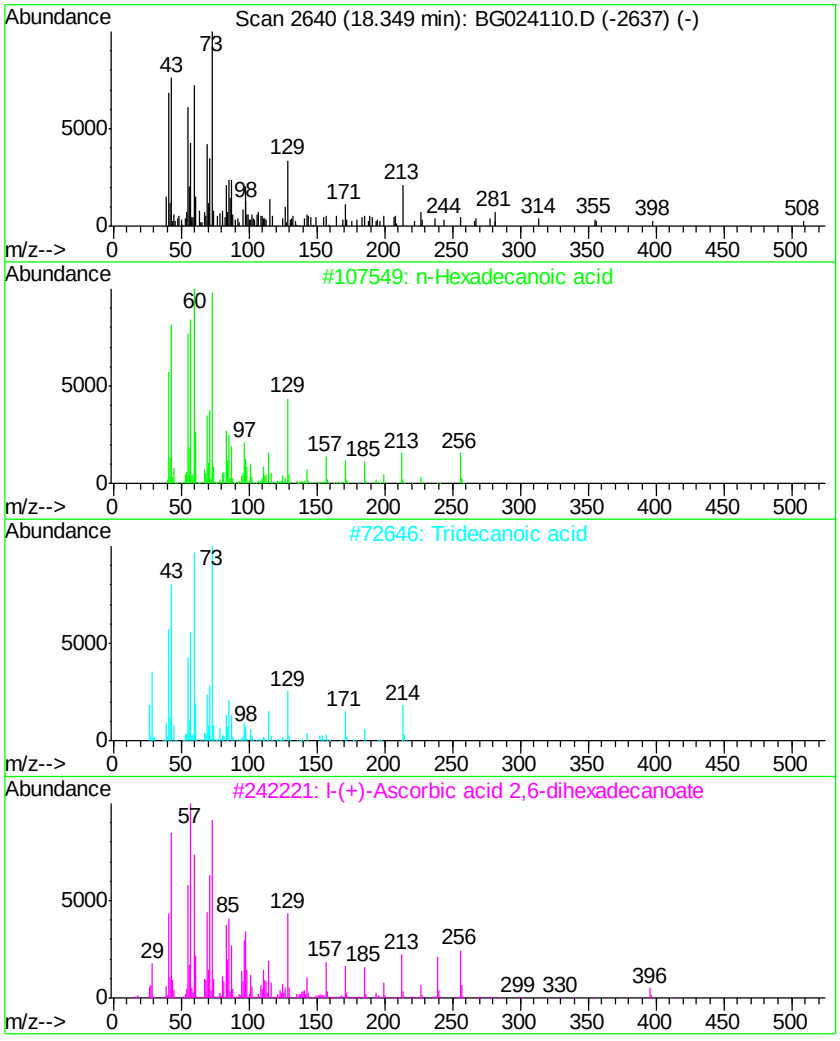
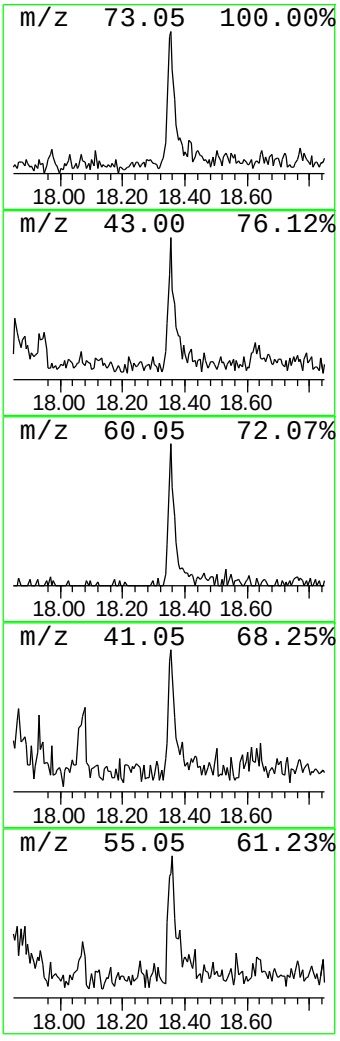
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.60 ng	121234	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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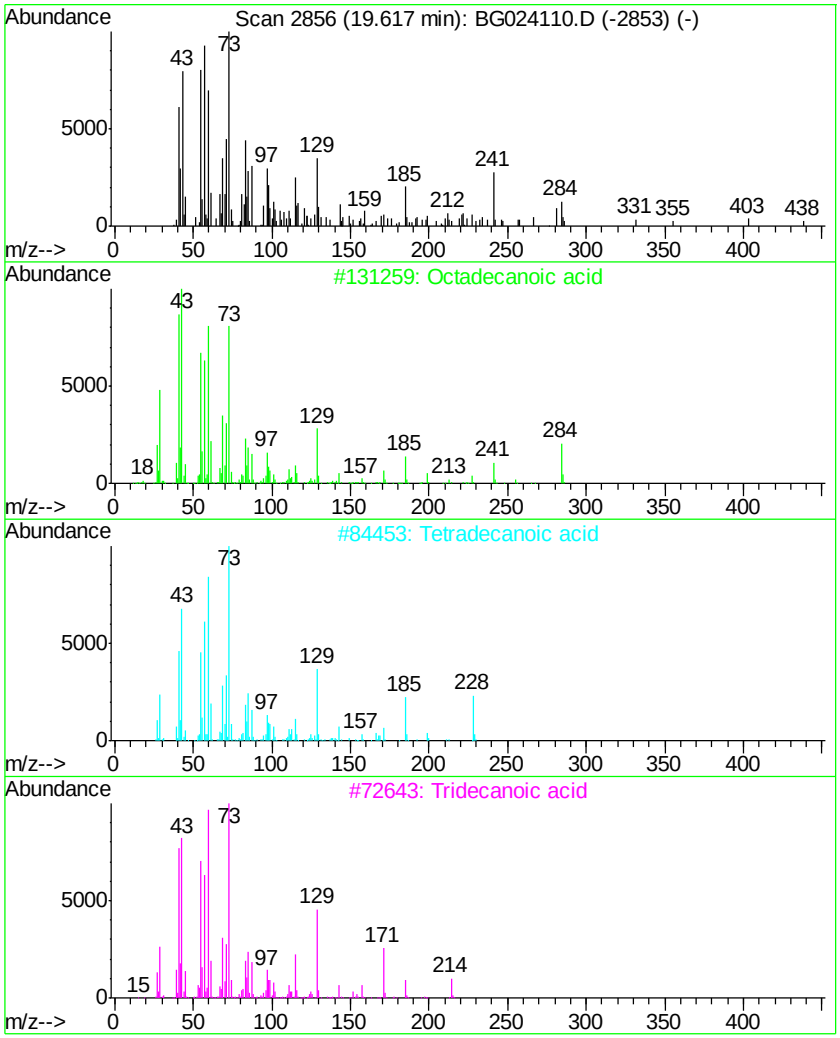
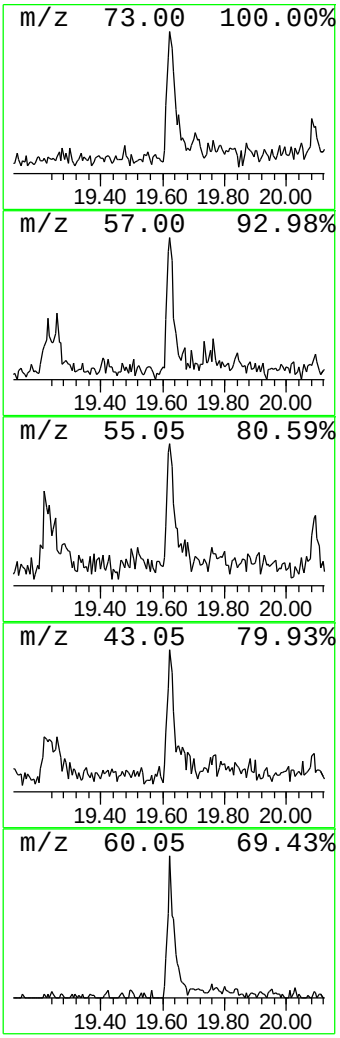
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.04 ng	142009	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	80
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





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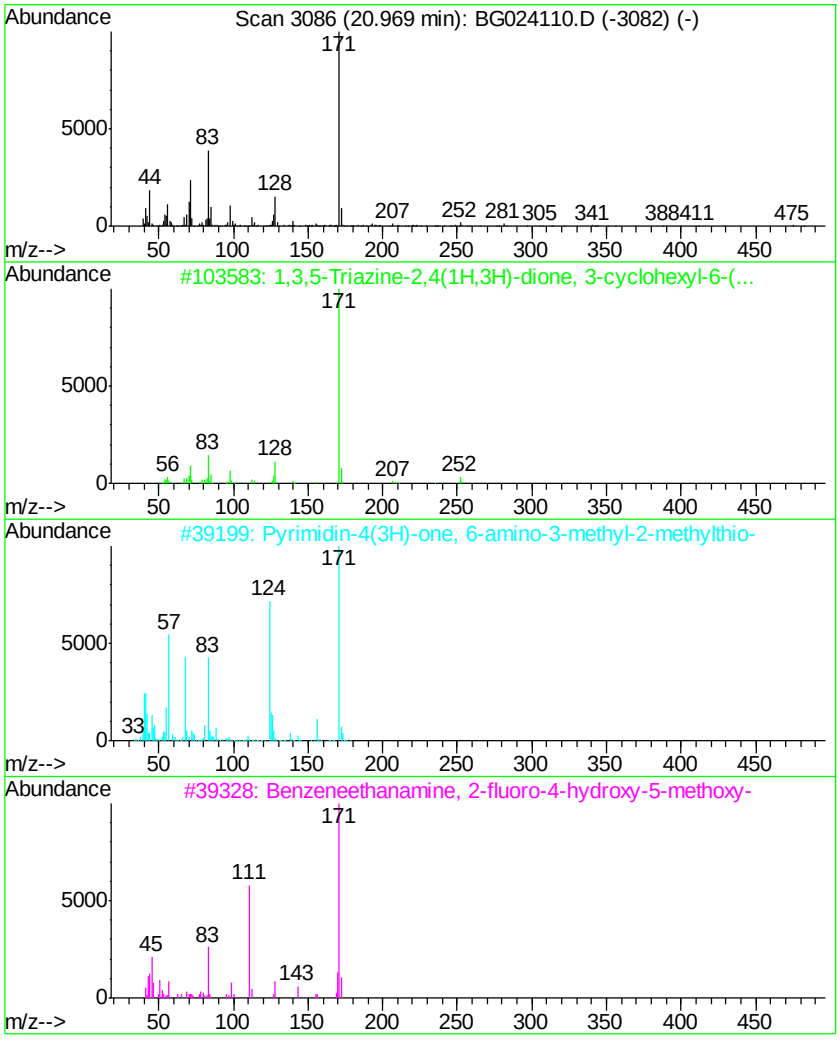
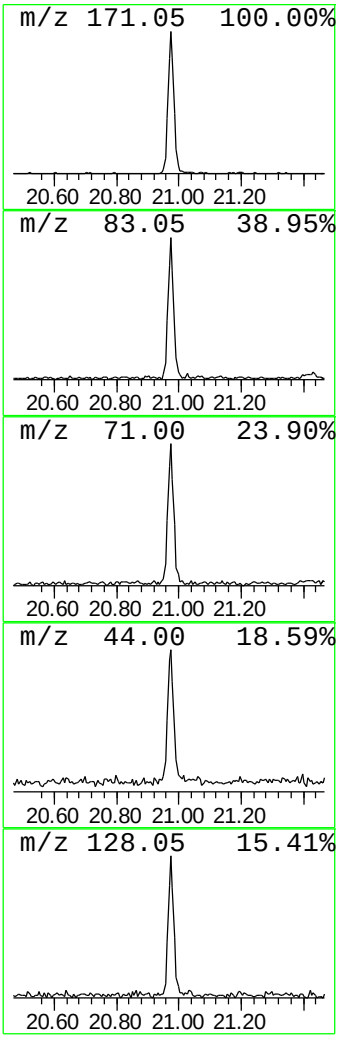
Peak Number 7 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	8.25 ng	474394	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	95
2	Pyrimidin-4(3H)-one, 6-amino-3-m...	171	C6H9N3OS	102363-06-4	36
3	Benzeneethanamine, 2-fluoro-4-hy...	171	C8H10FNO2	1000116-43-3	36
4	2-Ethoxydecylphthalimide	331	C20H29NO3	1000227-42-3	36
5	2,4-Difluorophenyl isothiocyanate	171	C7H3F2NS	141106-52-7	32





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.10	6.2	ng	91899	1	8.04	297854	20.0
unknown7.57	7.57	98.1	ng	1461020	1	8.04	297854	20.0
unknown17.86	17.86	2.3	ng	107877	4	17.48	933350	20.0
n-Hexadecanoic acid	18.35	2.6	ng	121234	4	17.48	933350	20.0
Octadecanoic acid	19.62	3.0	ng	142009	4	17.48	933350	20.0
1,3,5-Triazine-2,...	20.97	8.3	ng	474394	5	21.79	1150220	20.0