LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024130.D
Acq On : 24 Sep 2016 19:02
Operator : UM/SJ
Sample : H4897-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-03S-092116

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	3.369	87	90	95	rVB3	62533	90322	1.68%	0.390%
2	5.102	381	385	393	rBV2	56234	86925	1.62%	0.375%
3	5.589	462	468	477	rBV	435448	758052	14.10%	3.271%
4	7.217	739	745	759	rVB	262771	519297	9.66%	2.241%
5	7.569	799	805	821	rVB	919356	1641247	30.53%	7.082%
6	8.039	878	885	892	rBV	185517	328040	6.10%	1.416%
7	8.362	932	940	950	rVB	866540	1484429	27.62%	6.406%
8	9.220	1078	1086	1099	rBV	755483	1452725	27.03%	6.269%
9	10.870	1360	1367	1380	rBV	246278	476477	8.86%	2.056%
10	13.326	1777	1785	1796	rBV	2087789	3316413	61.70%	14.311%
11	14.172	1922	1929	1935	rBV	51623	84858	1.58%	0.366%
12	14.718	2015	2022	2030	rBV	450631	749781	13.95%	3.235%
13	16.216	2266	2277	2289	rBV	1975885	3153047	58.66%	13.606%
14	17.479	2486	2492	2502	rBV2	631784	999083	18.59%	4.311%
15	18.349	2635	2640	2650	rBV3	63491	129097	2.40%	0.557%
16	19.124	2768	2772	2781	rBV	123194	193531	3.60%	0.835%
17	19.623	2852	2857	2862	rBV3	56641	96437	1.79%	0.416%
18	20.093	2930	2937	2945	rBV	4010703	5375210	100.00%	23.195%
19	21.791	3219	3226	3237	rVB	683899	1197335	22.28%	5.167%
20	25.122	3784	3793	3805	rBV2	361479	1041487	19.38%	4.494%

Sum of corrected areas: 23173793

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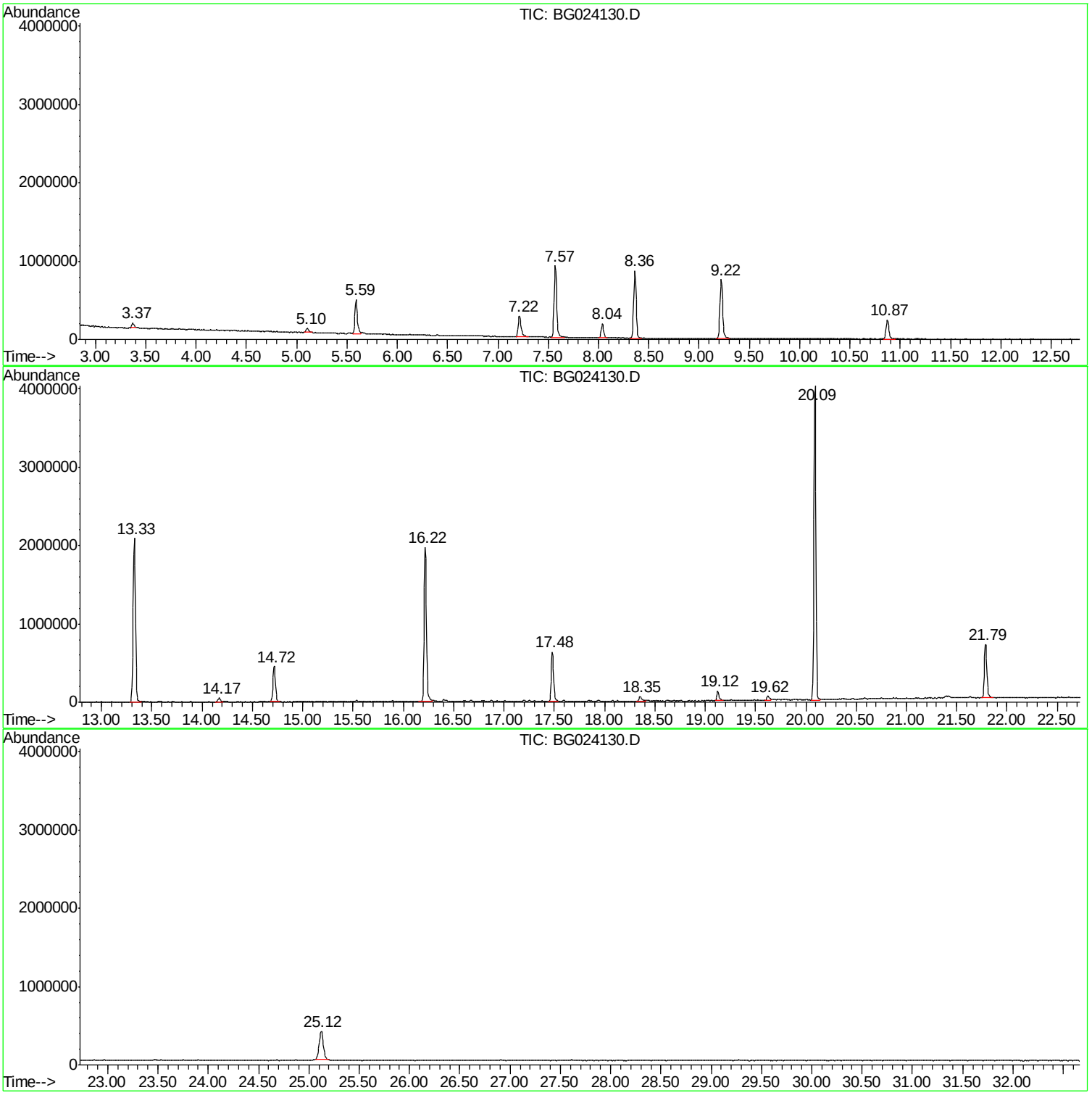
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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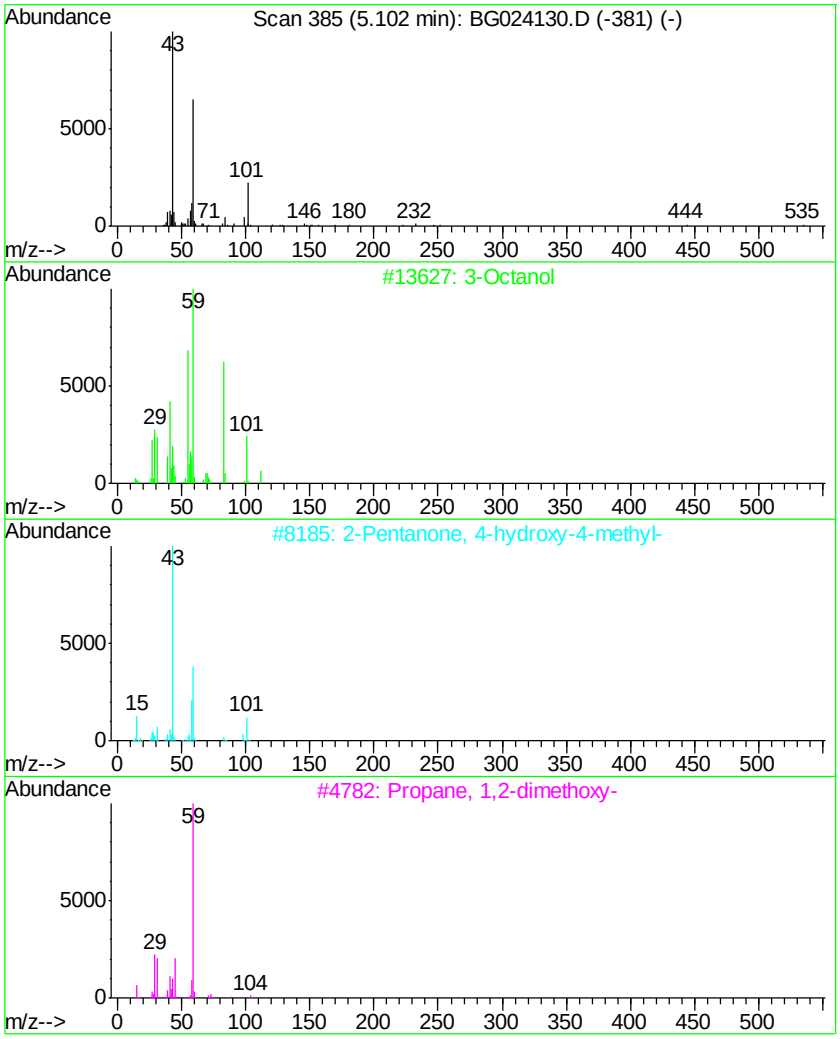
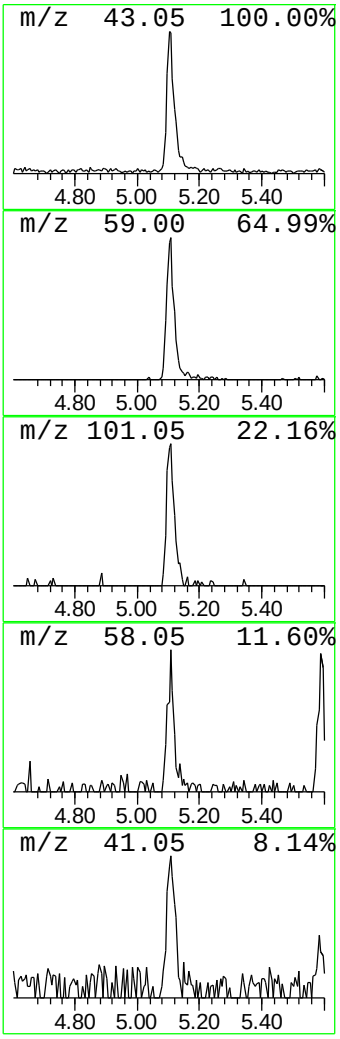
Peak Number 2 unknown5.10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	5.30 ng	86925	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	40
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	35
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





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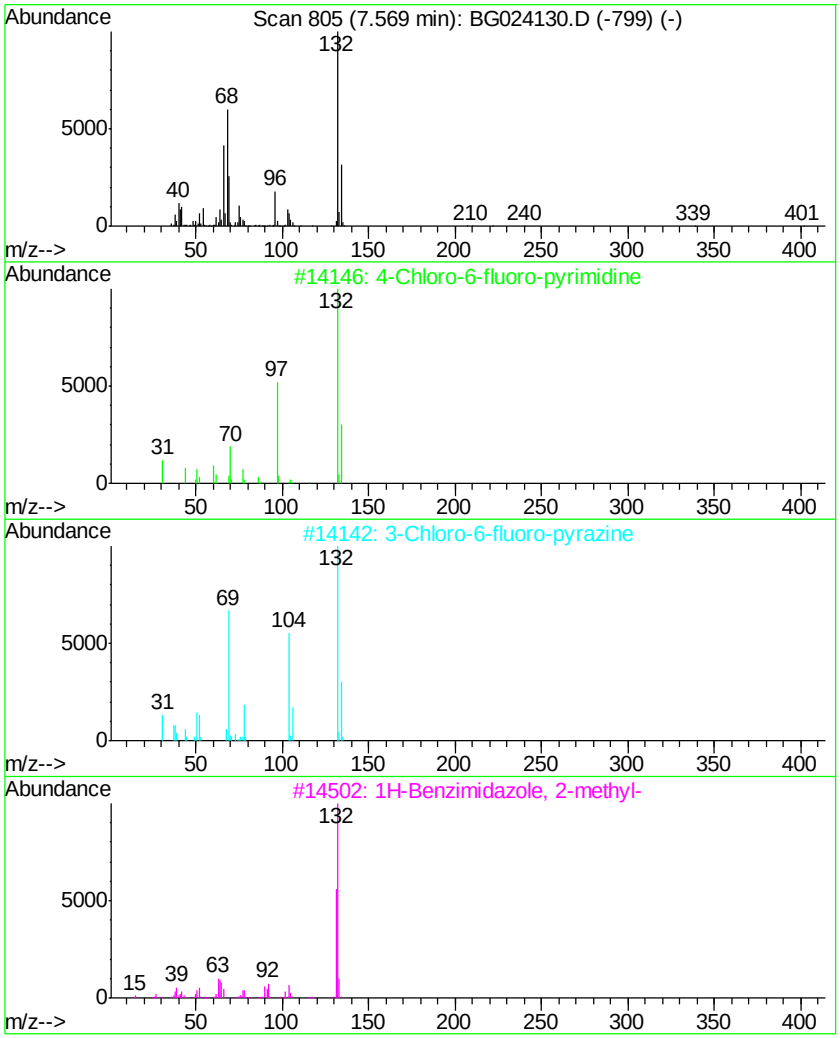
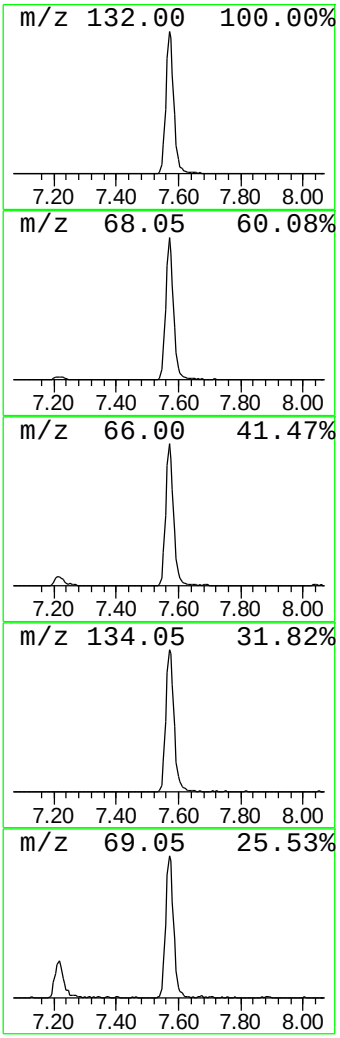
Peak Number 3 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	100.06 ng	1641250	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





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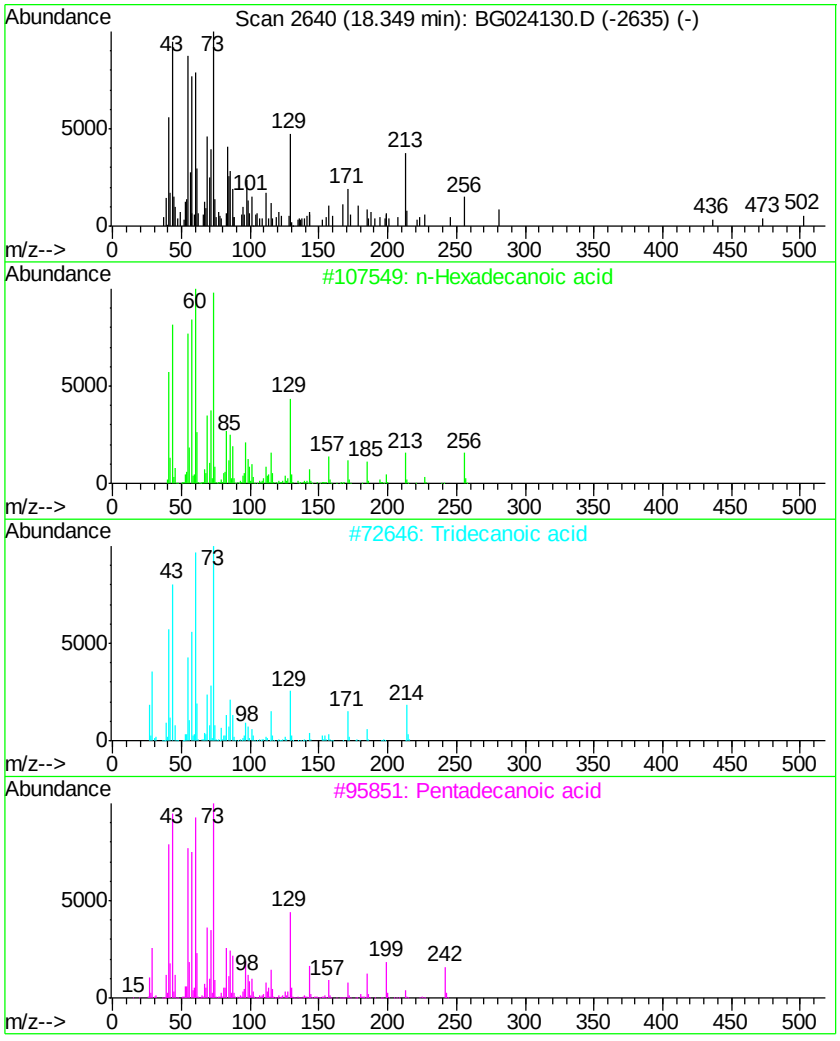
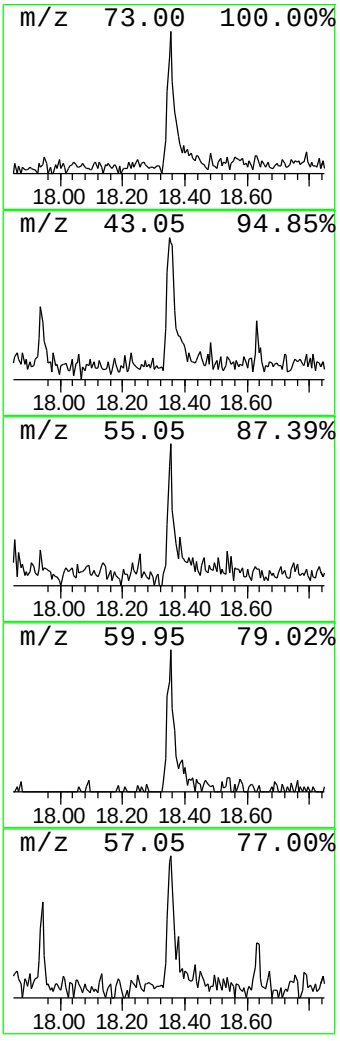
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.58 ng	129097	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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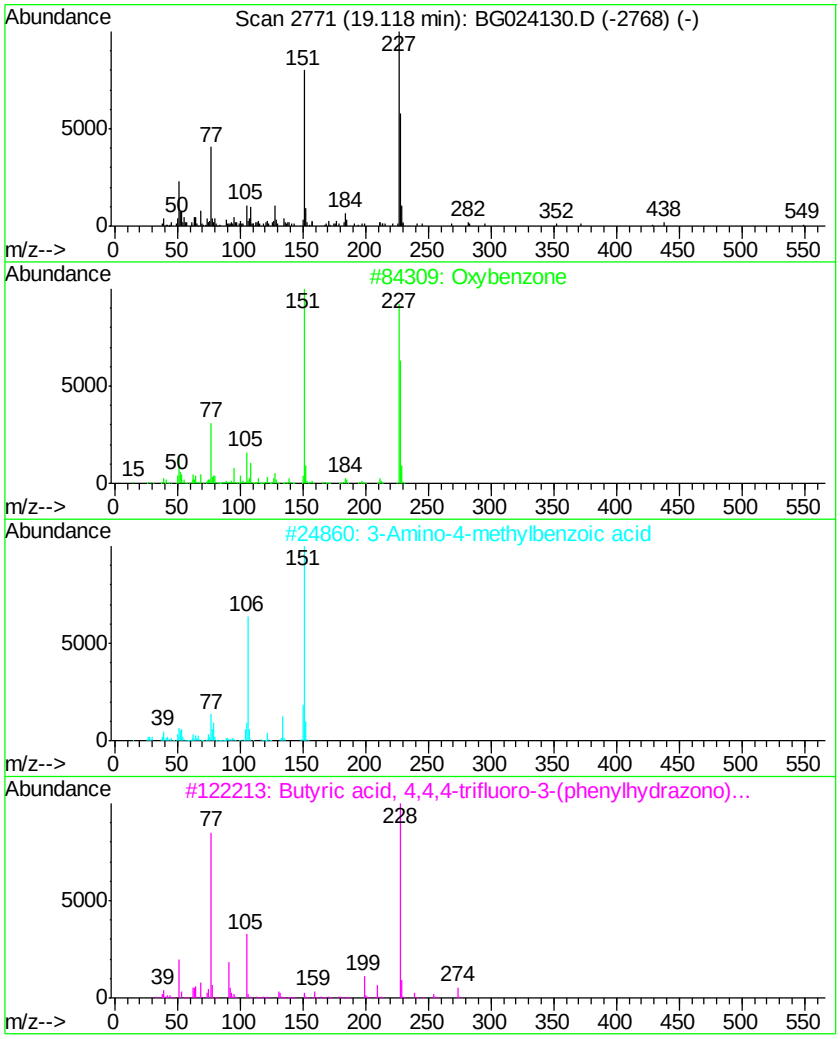
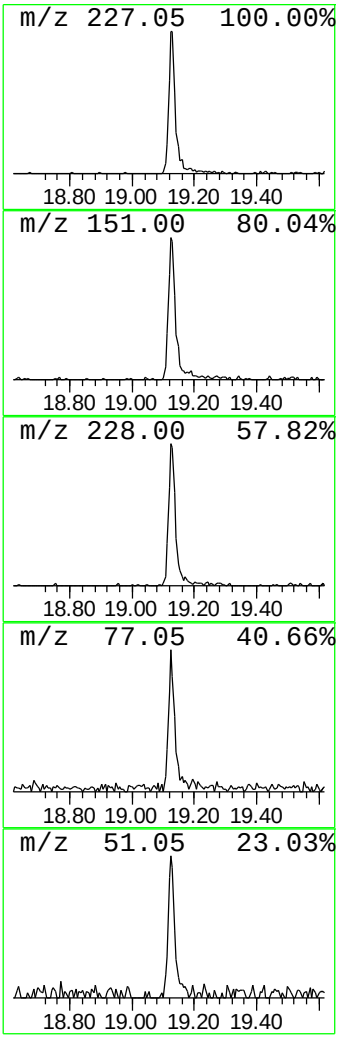
Peak Number 6 Oxybenzone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	3.87 ng	193531	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybenzone	228	C14H12O3	000131-57-7	97
2	3-Amino-4-methylbenzoic acid	151	C8H9NO2	002458-12-0	14
3	Butyric acid, 4,4,4-trifluoro-3-...	274	C12H13F3N2O2	1000302-82-0	14
4	Benzenamine, 2,4,6-trinitro-	228	C6H4N4O6	000489-98-5	10
5	Benzaldehyde, 3-(4-methoxyphenoxy)-	228	C14H12O3	062373-80-2	10





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.10	5.10	5.3	ng	86925	1	8.04	328040	20.0
unknown7.57	7.57	100.1	ng	1641250	1	8.04	328040	20.0
n-Hexadecanoic acid	18.35	2.6	ng	129097	4	17.48	999083	20.0
Oxybenzone	19.12	3.9	ng	193531	4	17.48	999083	20.0