LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121415\
Data File : BF083787.D
Acq On : 14 Dec 2015 23:47
Operator : UM/IZ
Sample : G4779-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-23

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-BF121315.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	5.081	259	262	265	rBV	179847	233978	6.00%	0.911%
2	5.504	296	299	301	rBV	1263231	1492804	38.26%	5.813%
3	6.521	385	388	390	rBV	1205139	1023781	26.24%	3.987%
4	6.670	398	401	403	rBV	2140889	2593692	66.48%	10.100%
5	6.899	419	421	423	rBV	850838	709565	18.19%	2.763%
6	7.059	432	435	437	rBV	2541569	2394962	61.38%	9.326%
7	7.459	467	470	472	rBV	1857549	1823512	46.74%	7.101%
8	8.179	531	533	536	rBV	884901	900086	23.07%	3.505%
9	9.265	625	628	630	rBV	3682202	3901704	100.00%	15.193%
10	9.653	659	662	663	rBV	78917	73675	1.89%	0.287%
11	9.939	684	687	689	rBV	1181300	1094317	28.05%	4.261%
12	10.373	724	725	727	rVB	59162	52284	1.34%	0.204%
13	10.728	753	756	758	rBV	2039269	2427392	62.21%	9.452%
14	10.853	765	767	771	rVB	48428	80652	2.07%	0.314%
15	11.299	804	806	807	rVB	40821	40530	1.04%	0.158%
16	11.413	814	816	819	rBV	1021437	1008192	25.84%	3.926%
17	11.631	832	835	837	rBV	222397	195139	5.00%	0.760%
18	12.785	933	936	938	rBV	252206	298996	7.66%	1.164%
19	13.002	952	955	958	rBV	2916719	3466254	88.84%	13.498%
20	13.779	1021	1023	1026	rBV2	144545	187269	4.80%	0.729%
21	13.894	1032	1033	1038	rVB2	29642	54354	1.39%	0.212%
22	14.042	1044	1046	1049	rBV	852252	903424	23.15%	3.518%
23	14.671	1098	1101	1108	rBV2	39101	66829	1.71%	0.260%
24	15.482	1169	1172	1175	rBV	562141	656967	16.84%	2.558%

Sum of corrected areas: 25680358

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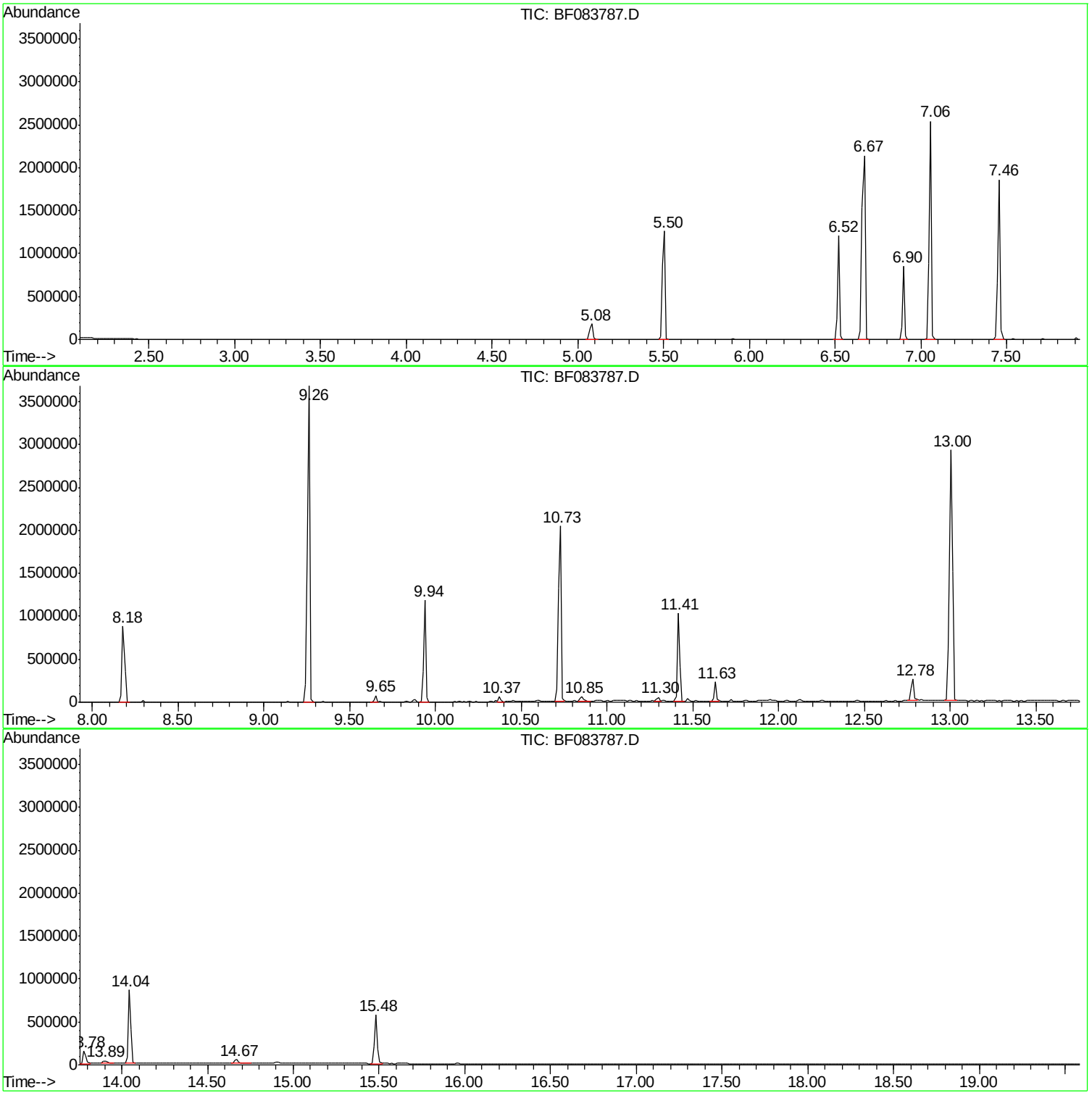
W-23

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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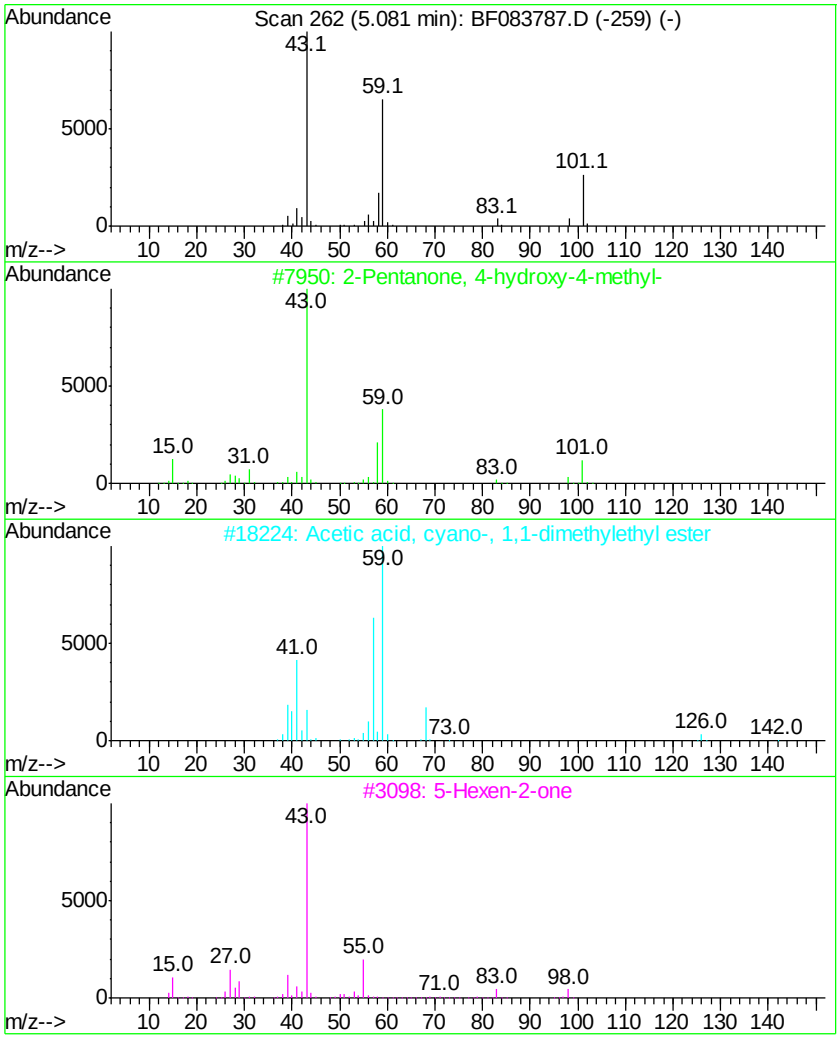
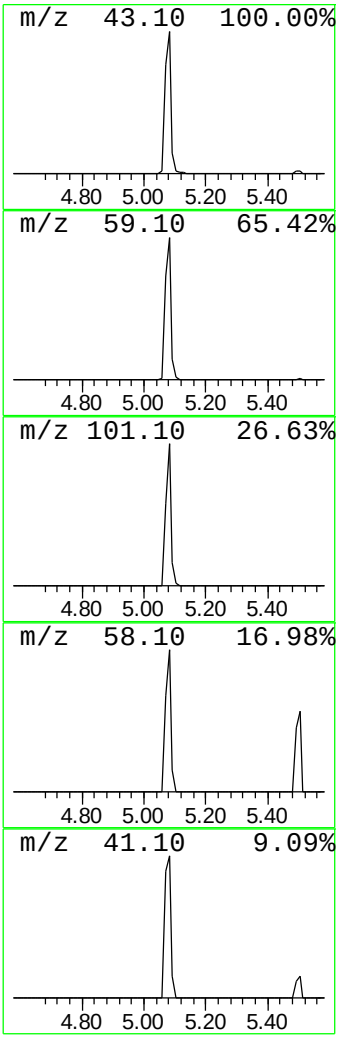
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.59 ng	233978	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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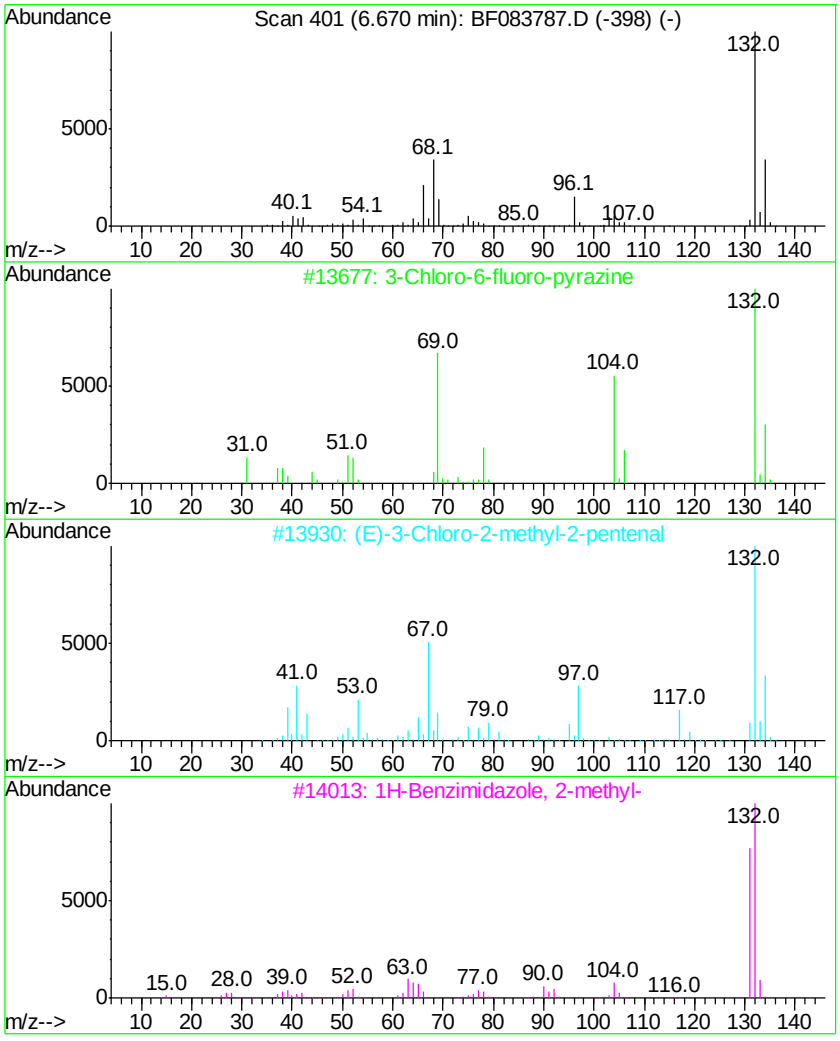
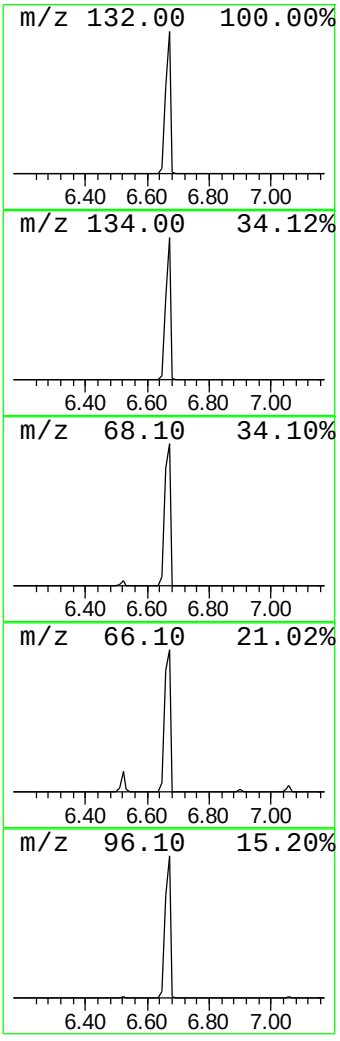
Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	73.11 ng	2593690	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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ClientSampleId : W-23

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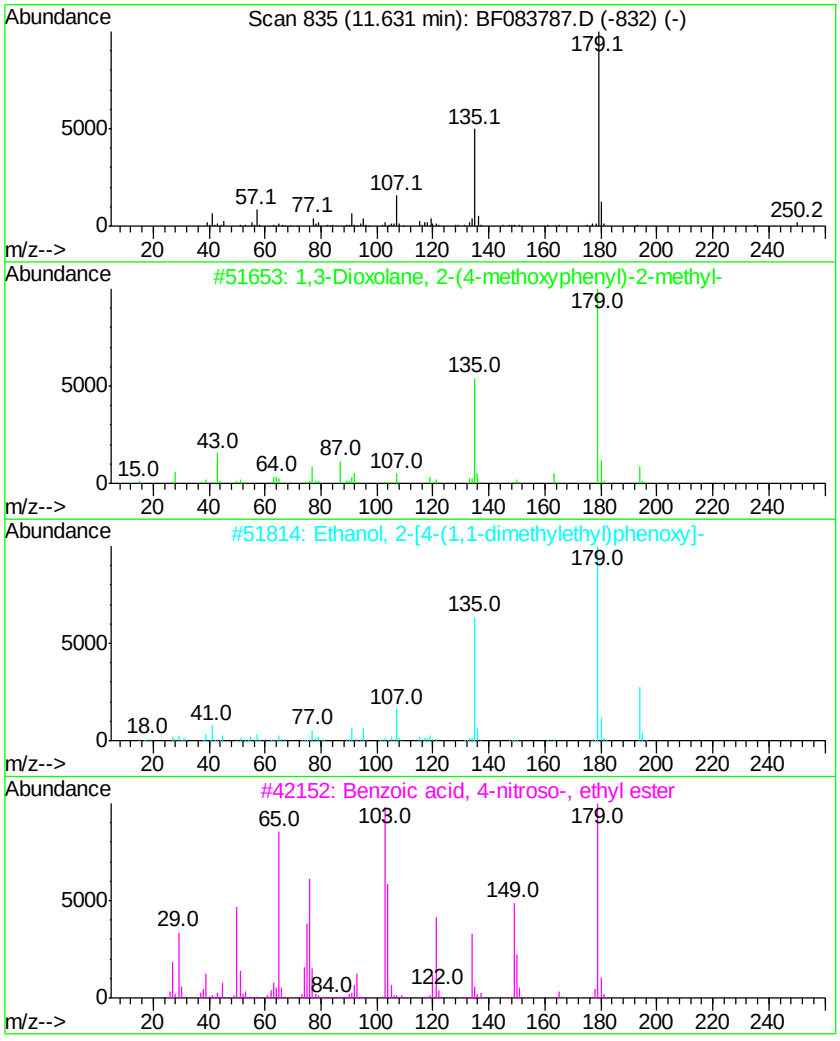
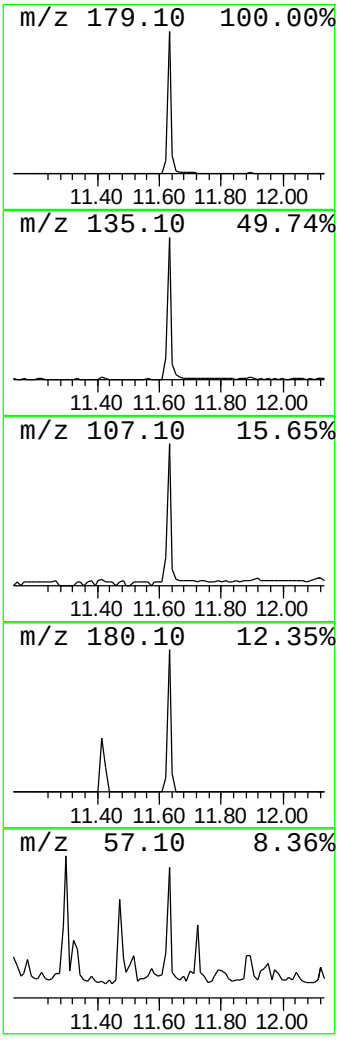
Peak Number 4 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	3.87 ng	195139	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	78
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	78
3	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	46
4	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	43
5	Undecan, 1,11-bis(9,10-dihydroan...	512	C39H44	147398-44-5	37





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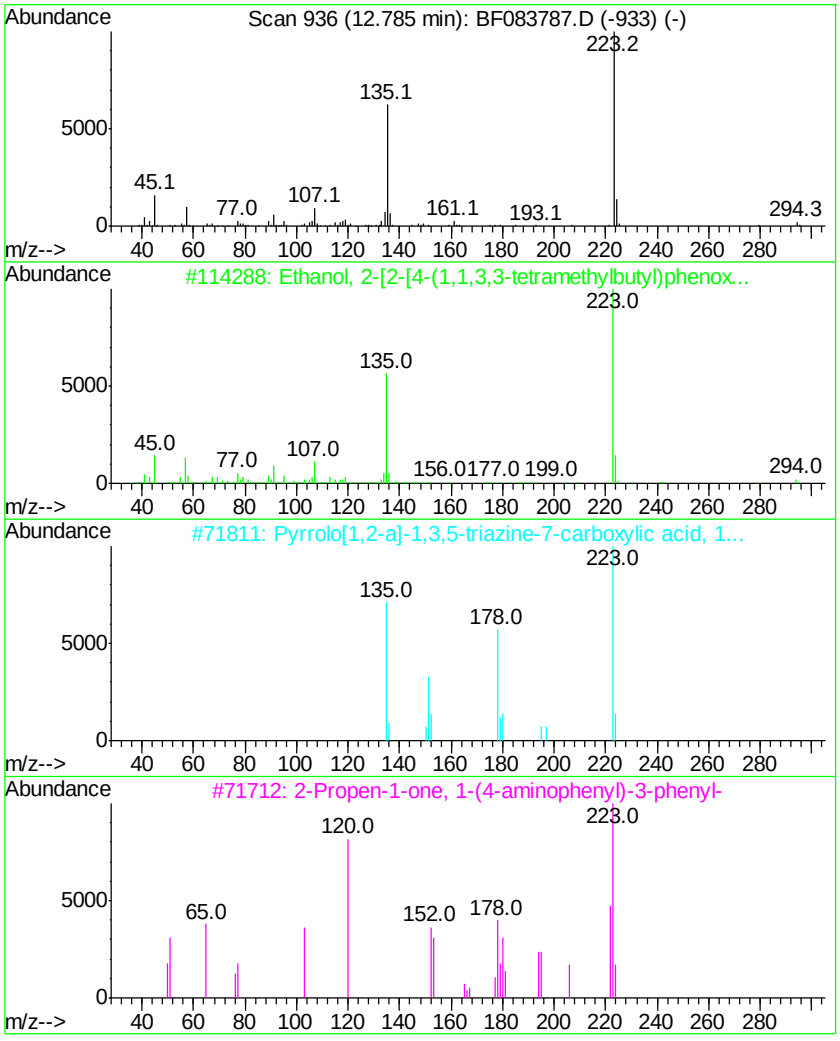
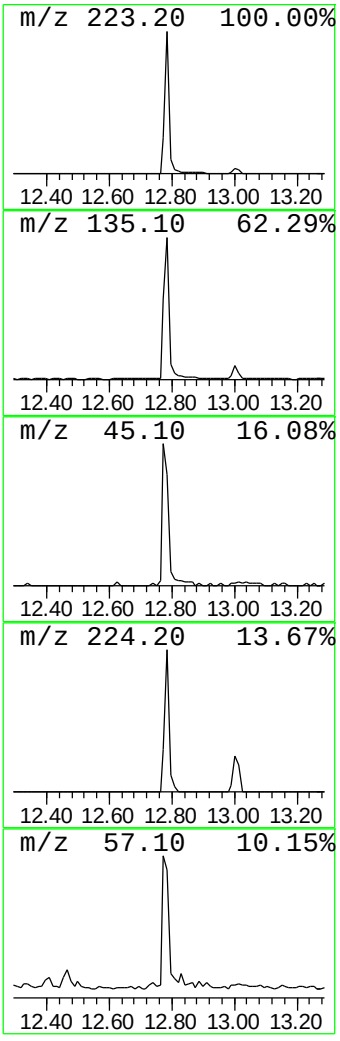
Peak Number 5 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	6.62 ng	298996	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	96
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
3	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	38
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	32
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	27





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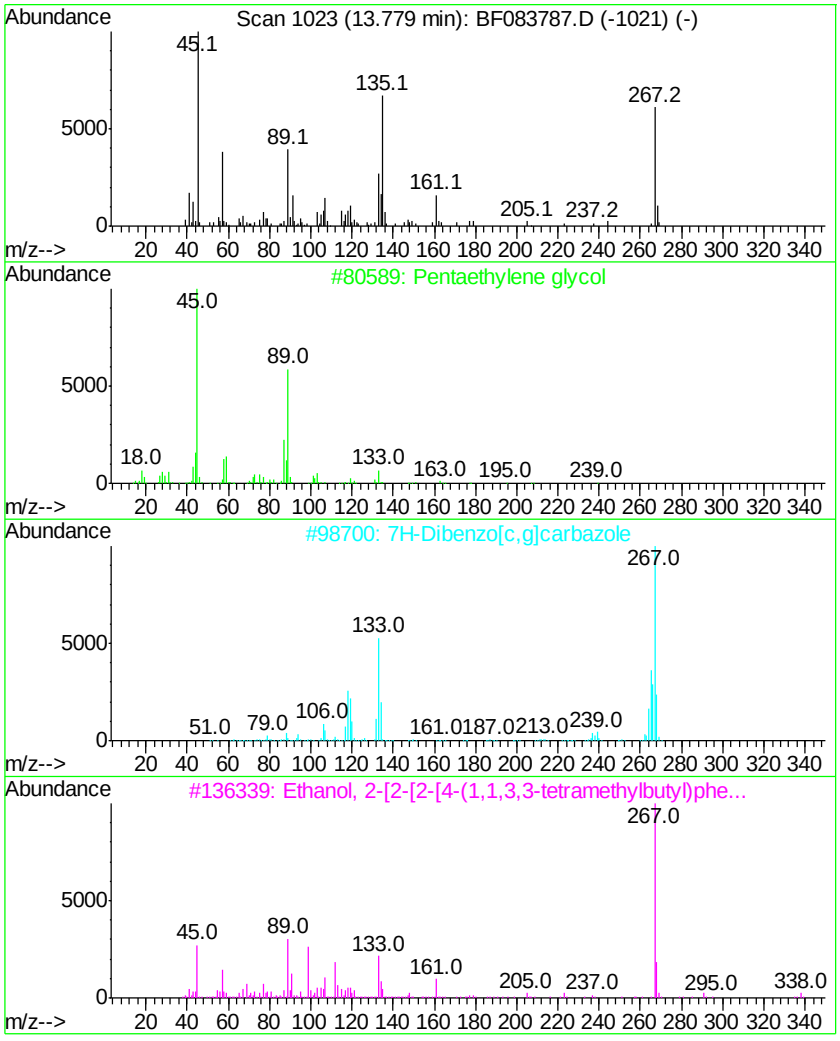
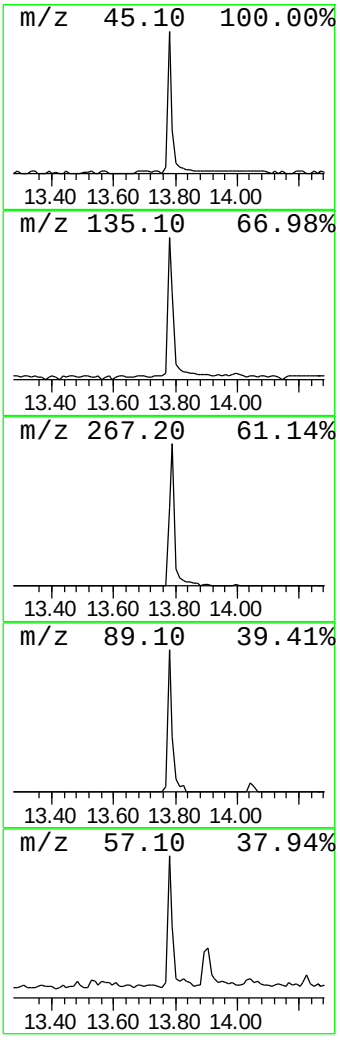
Peak Number 6 unknown13.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.15 ng	187269	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	37
2	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	35
3	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	25
4	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	14
5	Benzene, 1,1'-(1-methyl-2-methyl...	268	C18H20O2	015542-00-4	14





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	6.6	ng	233978	1	6.90	709565	20.0
unknown6.67	6.67	73.1	ng	2593690	1	6.90	709565	20.0
1,3-Dioxolane, 2-...	11.63	3.9	ng	195139	4	11.41	1008190	20.0
Ethanol, 2-[2-[4-...	12.79	6.6	ng	298996	5	14.04	903424	20.0
unknown13.78	13.78	4.2	ng	187269	5	14.04	903424	20.0