LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094676.D
Acq On : 27 Apr 2017 21:03
Operator : SJ/MA
Sample : I2870-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PURGE-WATER-DRUMS(COMP)

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-BF041717.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	3.931	335	339	347	rBV	193839	220573	3.57%	0.639%
2	4.019	347	354	357	rBV	4703813	6178878	100.00%	17.906%
3	4.325	402	406	417	rBV	1274312	1373366	22.23%	3.980%
4	5.390	583	587	599	rBV	894514	885013	14.32%	2.565%
5	5.525	605	610	617	rBV	2578829	2599048	42.06%	7.532%
6	5.701	637	640	645	rBV	81811	75323	1.22%	0.218%
7	5.772	648	652	654	rBV	647579	698502	11.30%	2.024%
8	5.790	654	655	662	rVB	359974	212014	3.43%	0.614%
9	5.948	677	682	689	rBV	2573983	2436684	39.44%	7.061%
10	6.425	757	763	766	rBV	1793302	1944999	31.48%	5.637%
11	7.260	901	905	909	rBV	912620	836069	13.53%	2.423%
12	7.295	909	911	924	rVB	74355	97073	1.57%	0.281%
13	8.589	1125	1131	1134	rBV	3410285	3679270	59.55%	10.662%
14	8.836	1170	1173	1179	rBV	335088	300720	4.87%	0.871%
15	9.395	1262	1268	1273	rBV2	964918	949568	15.37%	2.752%
16	10.378	1429	1435	1438	rBV	1852115	2004072	32.43%	5.808%
17	10.701	1484	1490	1493	rBV	3475672	4114965	66.60%	11.925%
18	10.977	1534	1537	1542	rVB	266151	271287	4.39%	0.786%
19	11.219	1574	1578	1582	rBV	907943	894884	14.48%	2.593%
20	11.360	1599	1602	1606	rBV	139795	130942	2.12%	0.379%
21	11.454	1615	1618	1624	rVB	122262	122748	1.99%	0.356%
22	13.201	1909	1915	1918	rBV	2788520	3135446	50.74%	9.086%
23	14.465	2126	2130	2136	rBV	694045	763451	12.36%	2.212%
24	16.095	2403	2407	2414	rBV	522695	582075	9.42%	1.687%

Sum of corrected areas: 34506970

LSC Report - Integrated Chromatogram

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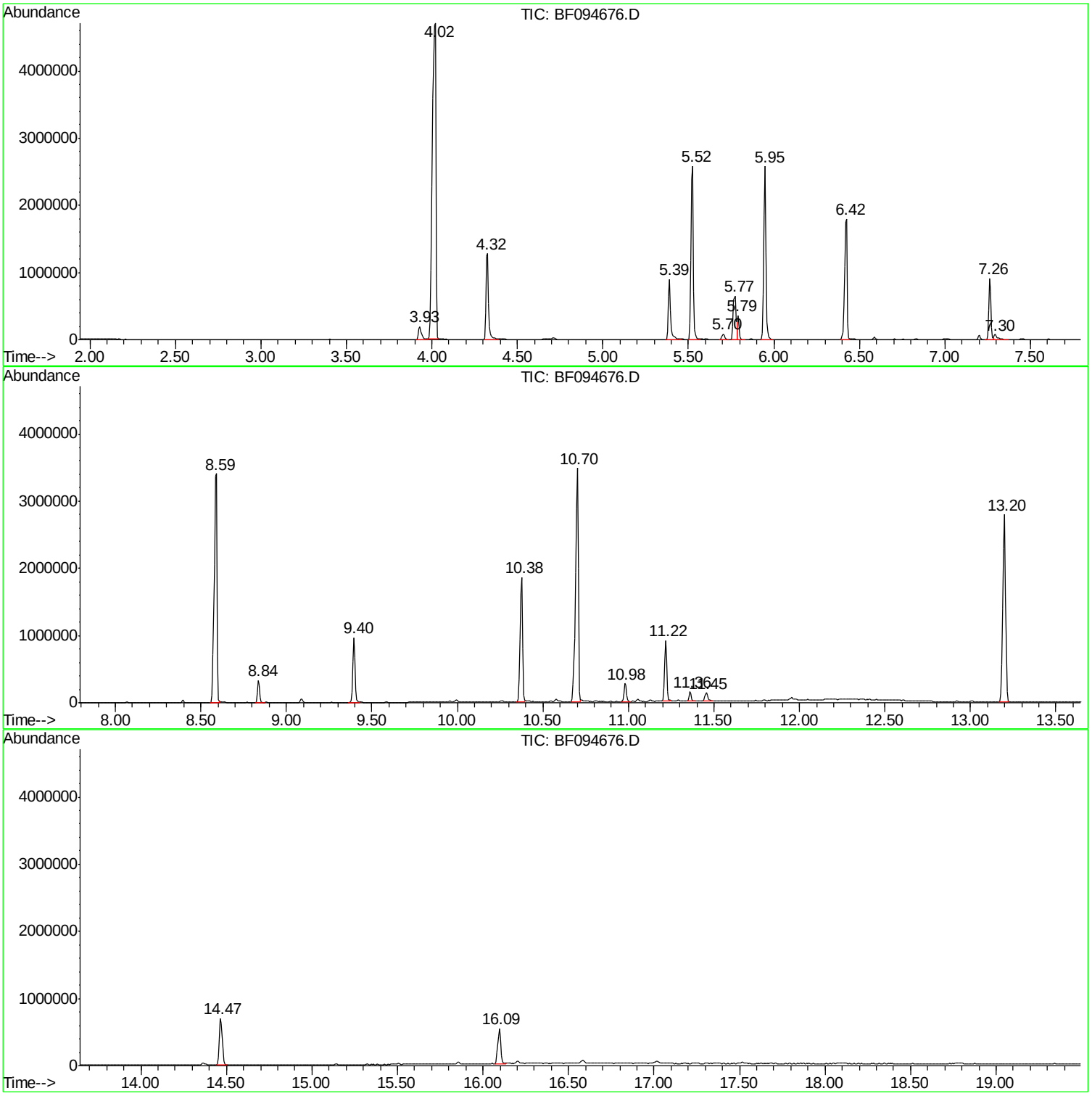
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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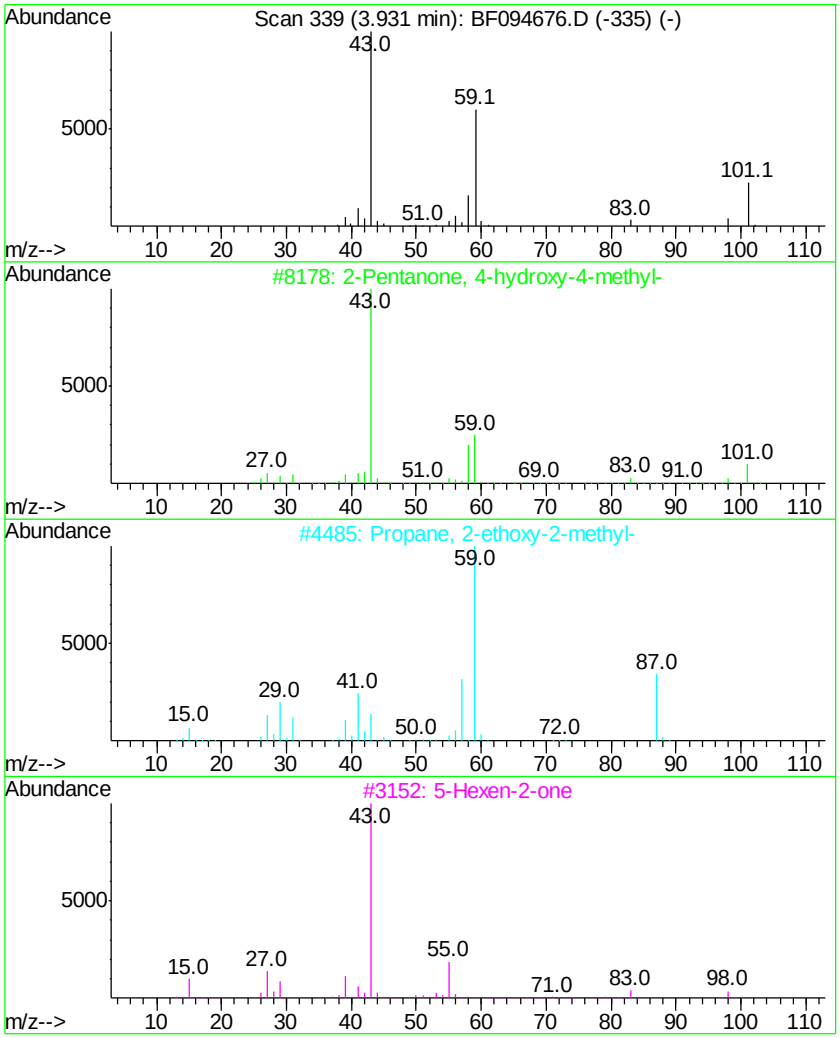
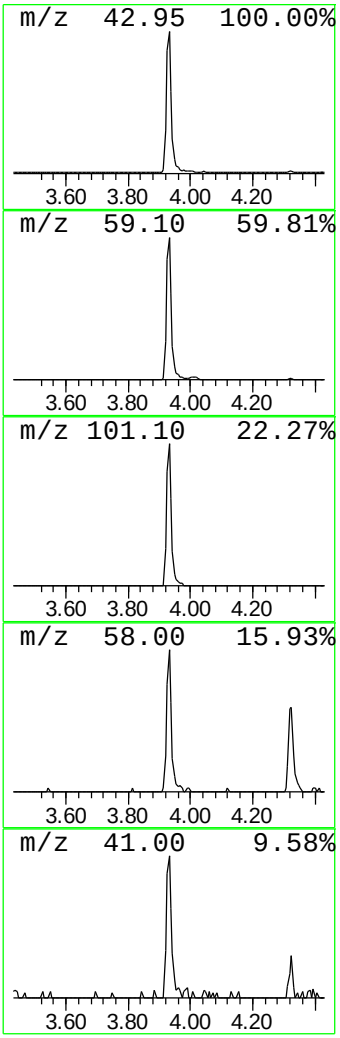
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	6.32 ng	220573	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





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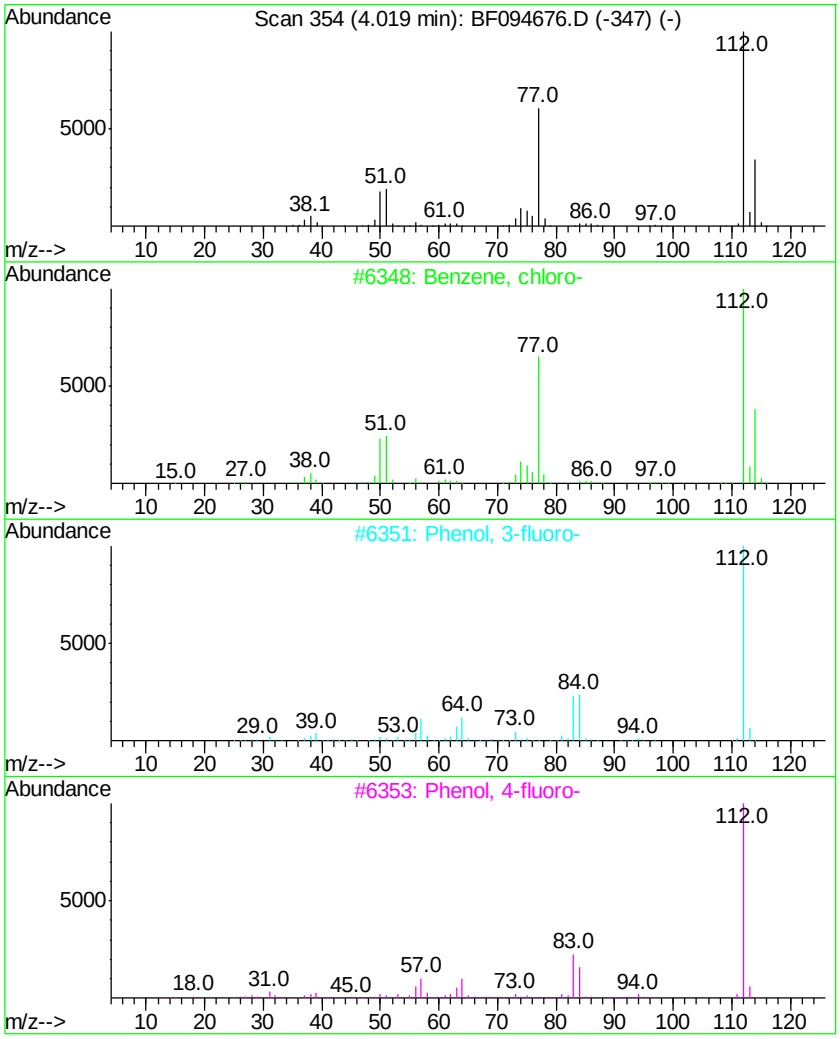
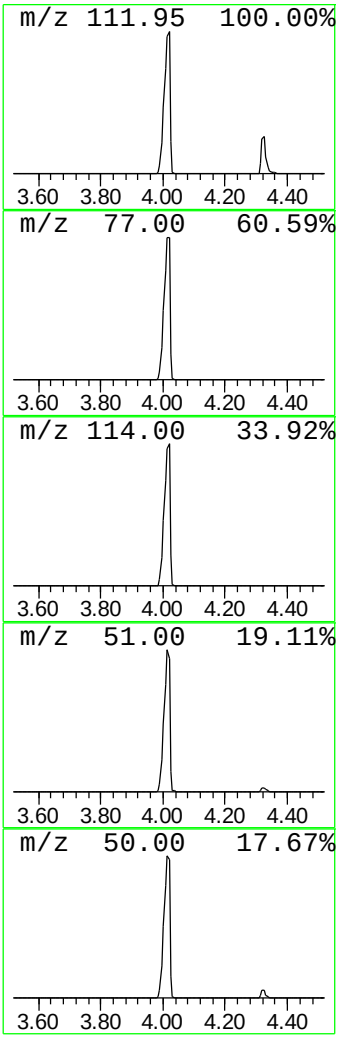
****

Peak Number 2 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	176.92 ng	6178880	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	25
4	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	9
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	9





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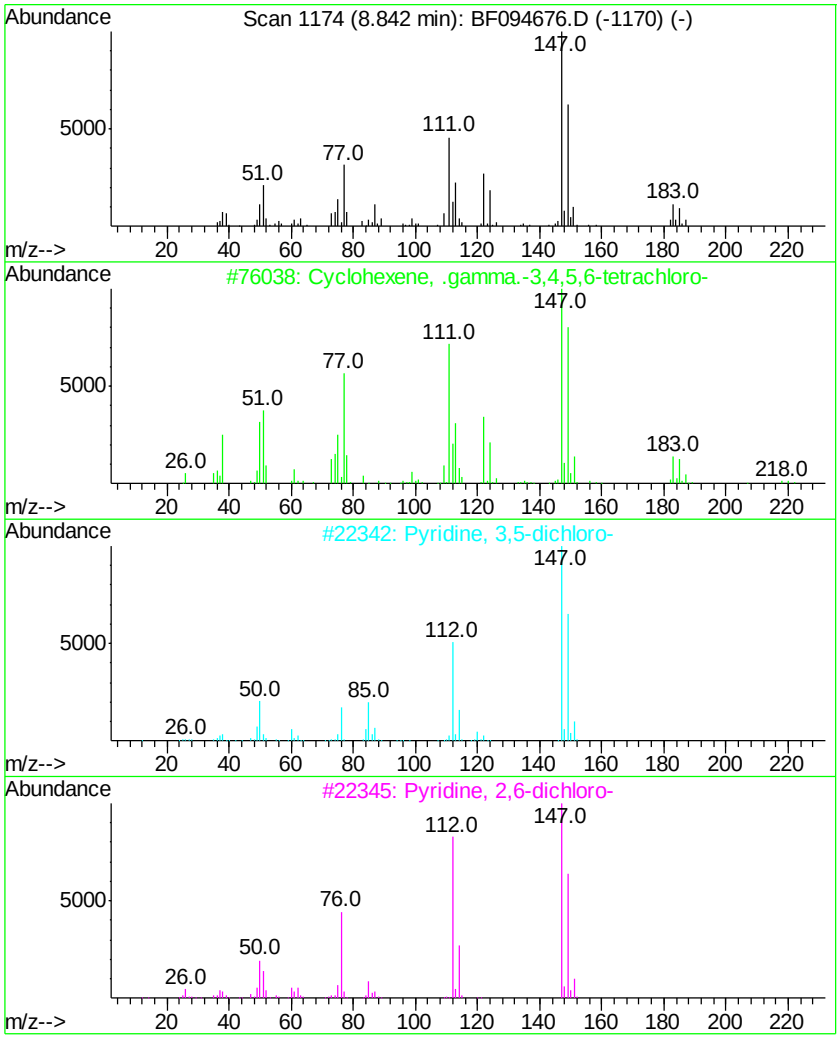
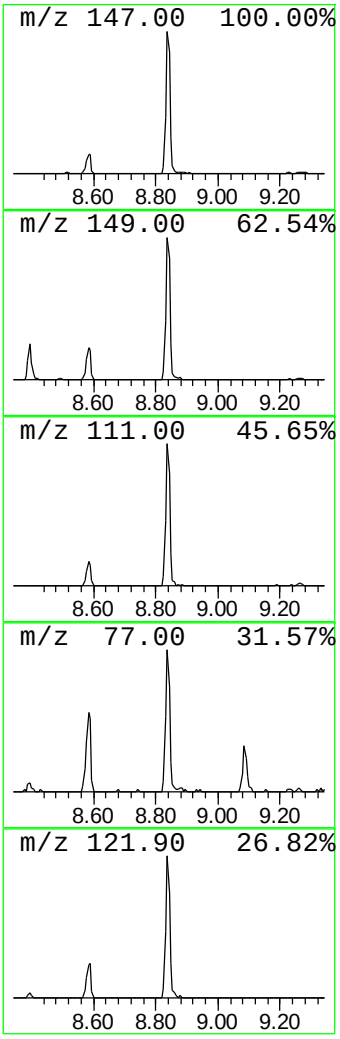
Peak Number 3 Cyclohexene, .gamma.-3,4,5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	6.33 ng	300720	Acenaphthene-d10	9.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, .gamma.-3,4,5,6-tet...	218	C6H6Cl4	000319-81-3	81
2	Pyridine, 3,5-dichloro-	147	C5H3Cl2N	002457-47-8	55
3	Pyridine, 2,6-dichloro-	147	C5H3Cl2N	002402-78-0	49
4	Pyridine, 2,3-dichloro-	147	C5H3Cl2N	002402-77-9	47
5	3,4-Dichloropyridine	147	C5H3Cl2N	1000305-88-9	47





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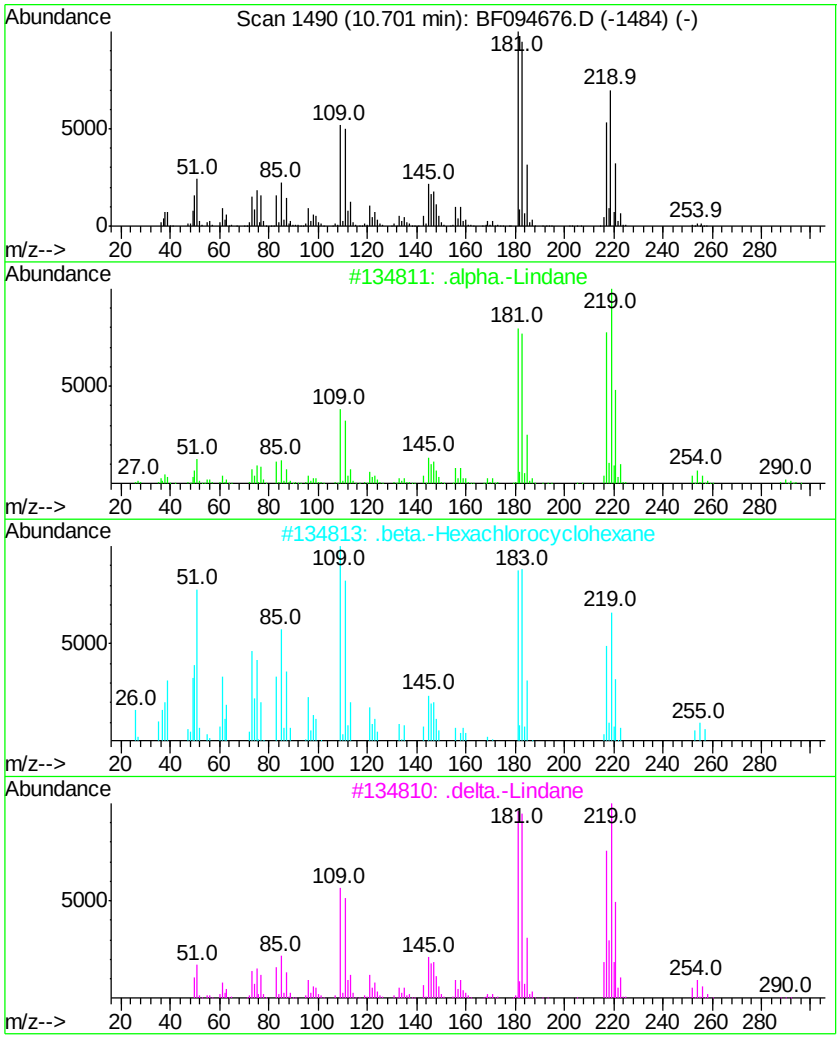
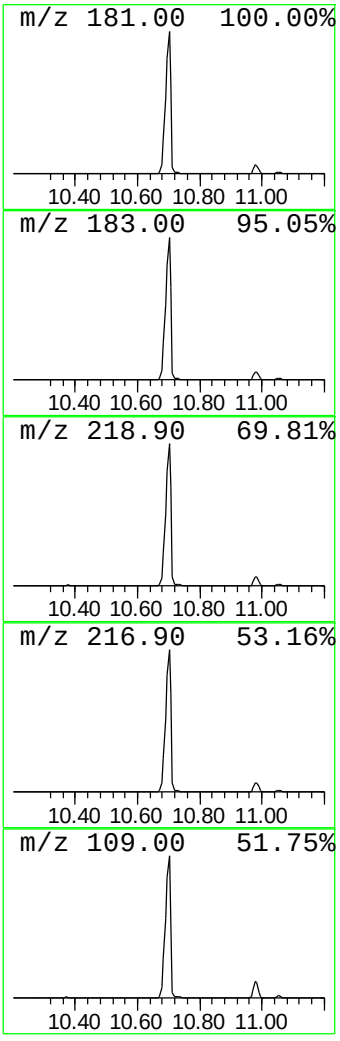
Peak Number 4 .alpha.-Lindane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	91.97 ng	4114970	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	91
2	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	91
3	.delta.-Lindane	288	C6H6Cl6	000319-86-8	91
4	3,4,5-Trichloropyridine	181	C5H2Cl3N	033216-52-3	46
5	Benzonitrile, 2-bromo-	181	C7H4BrN	002042-37-7	38





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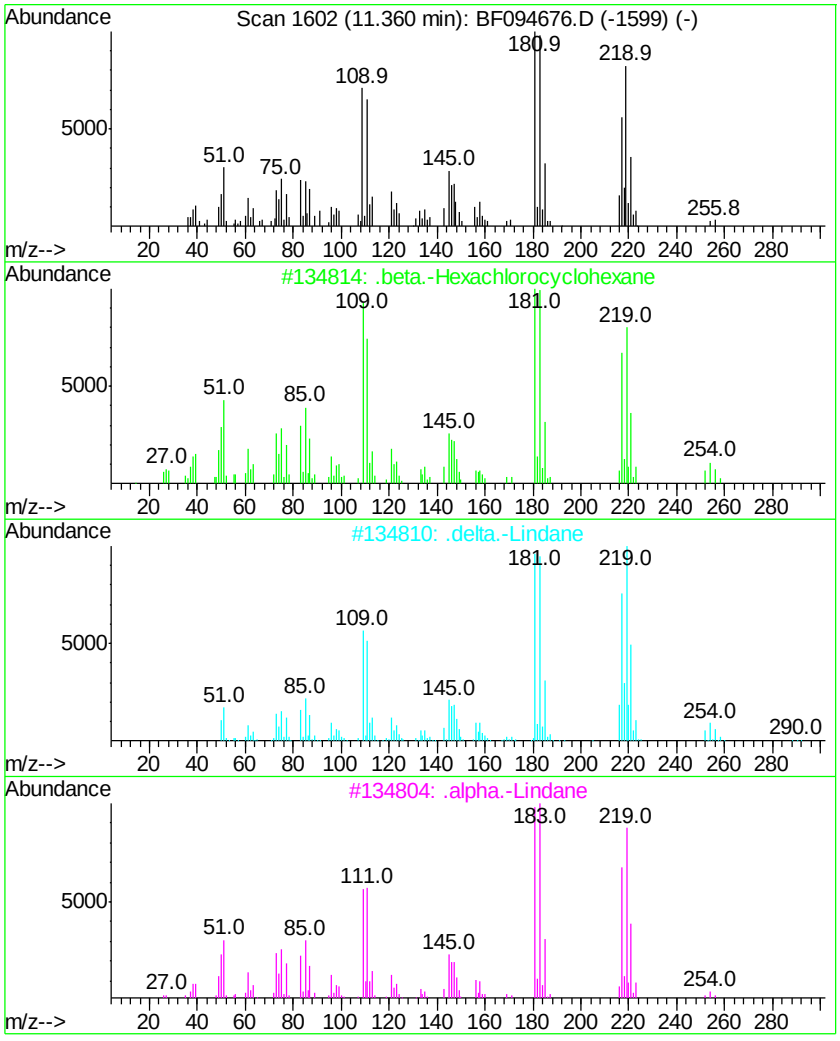
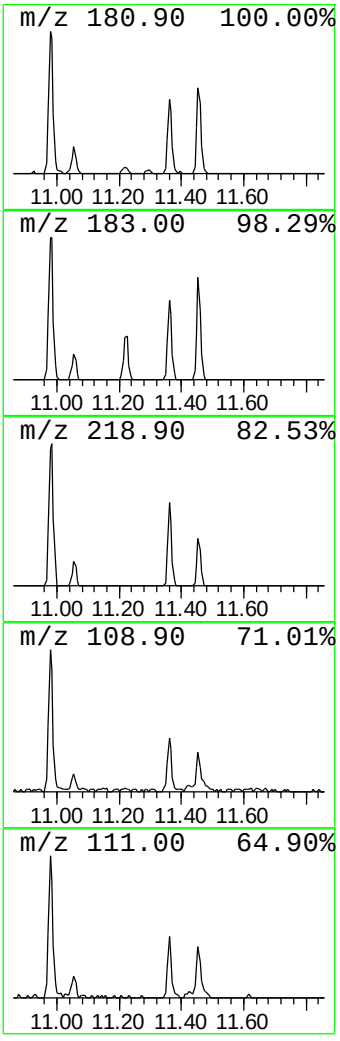
Peak Number 6 .beta.-Hexachlorocyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	2.93 ng	130942	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	91
2	.delta.-Lindane	288	C6H6Cl6	000319-86-8	91
3	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	91
4	3,4,5-Trichloropyridine	181	C5H2Cl3N	033216-52-3	38
5	Benzonitrile, 2-bromo-	181	C7H4BrN	002042-37-7	25





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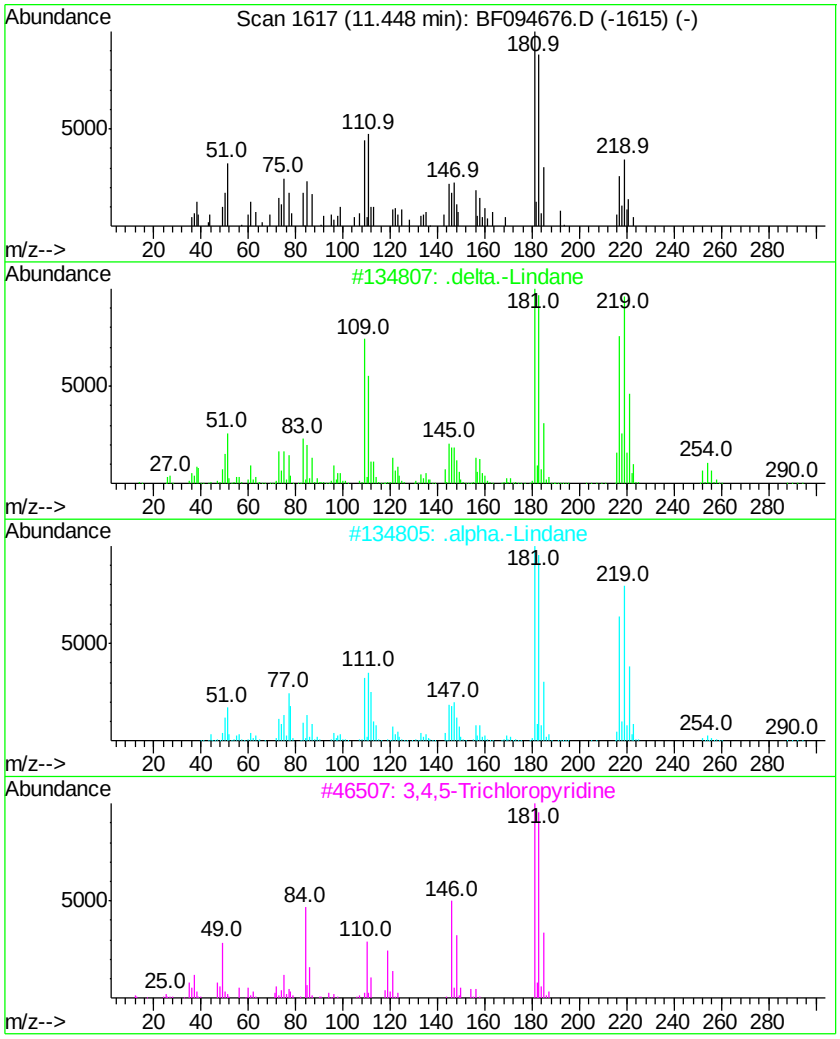
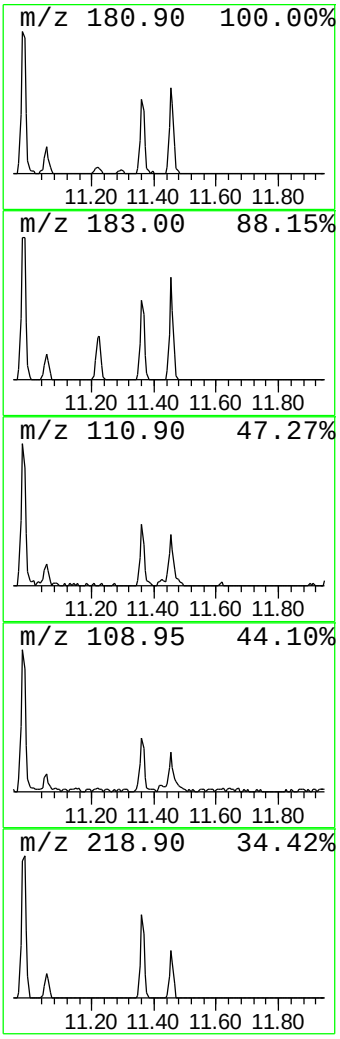
Peak Number 7 .delta.-Lindane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.74 ng	122748	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.delta.-Lindane	288	C6H6Cl6	000319-86-8	91
2	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	80
3	3,4,5-Trichloropyridine	181	C5H2Cl3N	033216-52-3	49
4	2,3,5-Trichloropyridine	181	C5H2Cl3N	016063-70-0	43
5	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	38





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...	3.93	6.3	ng	220573	1	5.77	698502	20.0
Benzene, chloro-	4.02	176.9	ng	6178880	1	5.77	698502	20.0
Cyclohexene, .gam...	8.84	6.3	ng	300720	3	9.40	949568	20.0
.alpha.-Lindane	10.70	92.0	ng	4114970	4	11.22	894884	20.0
.beta.-Hexachloro...	11.36	2.9	ng	130942	4	11.22	894884	20.0
.delta.-Lindane	11.45	2.7	ng	122748	4	11.22	894884	20.0