LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101610.D
Acq On : 21 Dec 2017 16:45
Operator : SJ/JU
Sample : I6990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CONCRETE

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-BF121417.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	3.499	236	240	251	rBV	41911	97538	1.38%	0.251%
2	4.393	386	392	421	rBV	2792559	3957512	55.97%	10.187%
3	5.046	493	503	506	rBV	3399390	7070251	100.00%	18.199%
4	5.422	564	567	590	rBV	1238208	1673493	23.67%	4.308%
5	6.440	736	740	758	rBV	2667222	3277915	46.36%	8.437%
6	6.569	758	762	768	rVB	2088467	1875951	26.53%	4.829%
7	6.798	797	801	808	rBV	935713	952452	13.47%	2.452%
8	6.857	808	811	823	rVB	67170	85368	1.21%	0.220%
9	6.951	823	827	839	rBV	3252059	3334296	47.16%	8.583%
10	7.134	855	858	866	rBV	92165	104552	1.48%	0.269%
11	7.369	893	898	901	rBV	2662758	2715551	38.41%	6.990%
12	8.081	1015	1019	1034	rVB	1177598	1230098	17.40%	3.166%
13	9.157	1196	1202	1205	rBV	3932188	4231431	59.85%	10.892%
14	9.551	1265	1269	1275	rBV	300852	313805	4.44%	0.808%
15	9.833	1313	1317	1326	rVB	1282727	1130621	15.99%	2.910%
16	10.628	1449	1452	1463	rBV	681361	697491	9.87%	1.795%
17	10.722	1465	1468	1474	rVB	74439	75333	1.07%	0.194%
18	11.322	1567	1570	1576	rBV	978783	957570	13.54%	2.465%
19	12.910	1835	1840	1843	rBV	2962612	2955290	41.80%	7.607%
20	13.786	1985	1989	1994	rBV	361942	448369	6.34%	1.154%
21	13.921	2010	2012	2016	rBV	90276	83925	1.19%	0.216%
22	13.974	2017	2021	2026	rBV	848661	845281	11.96%	2.176%
23	14.568	2120	2122	2126	rVB	97949	83993	1.19%	0.216%
24	15.439	2266	2270	2275	rVB	519313	651422	9.21%	1.677%

Sum of corrected areas: 38849508

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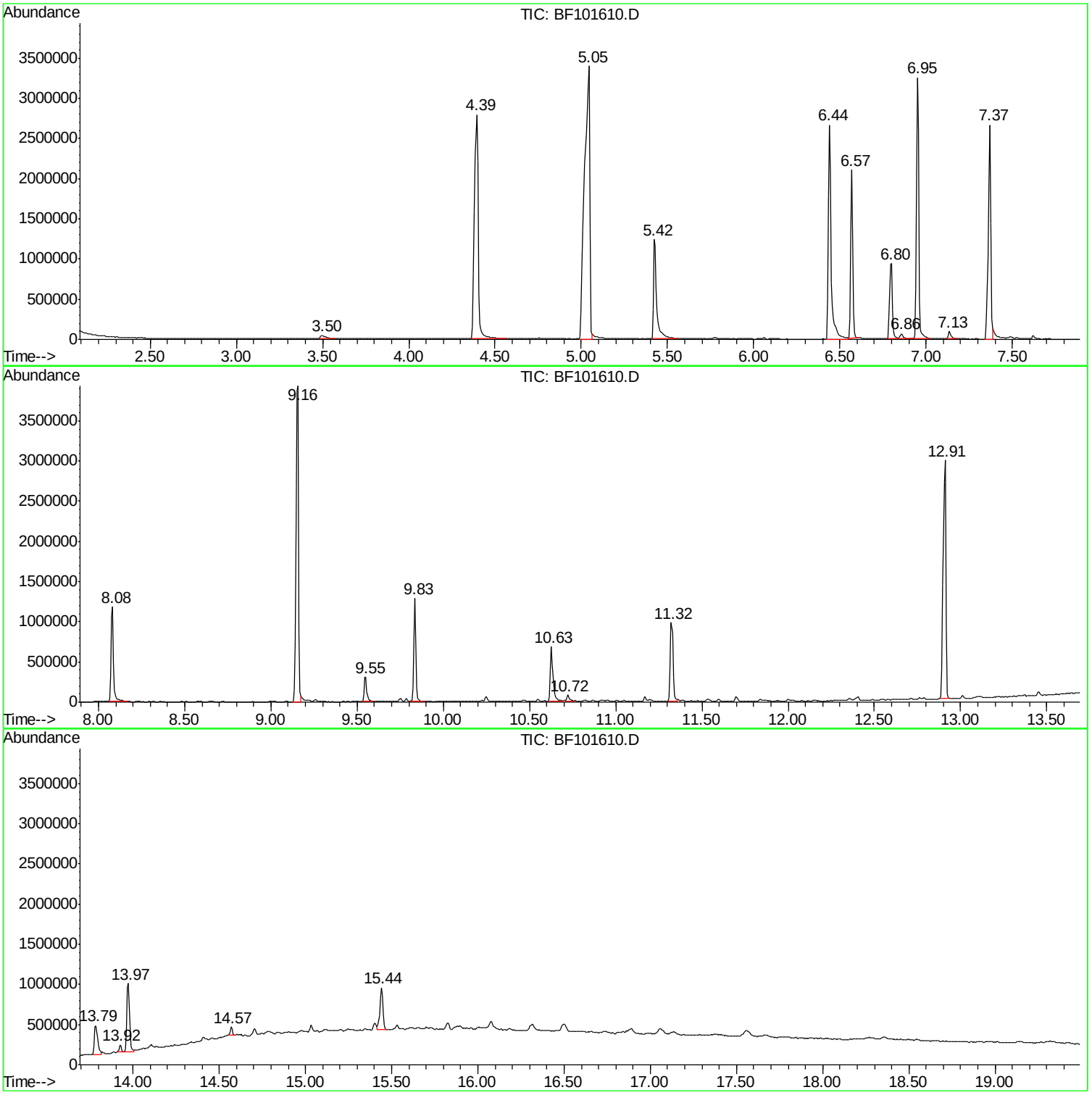
BNA_F
ClientSampleId :
MH-CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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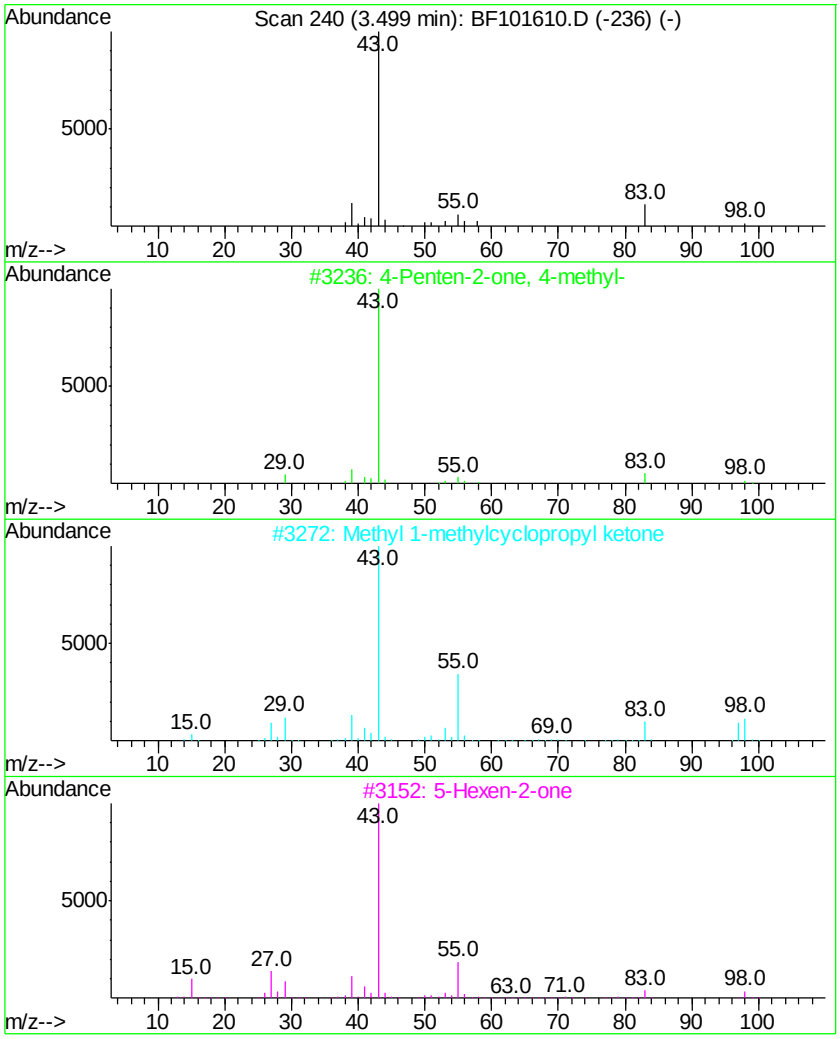
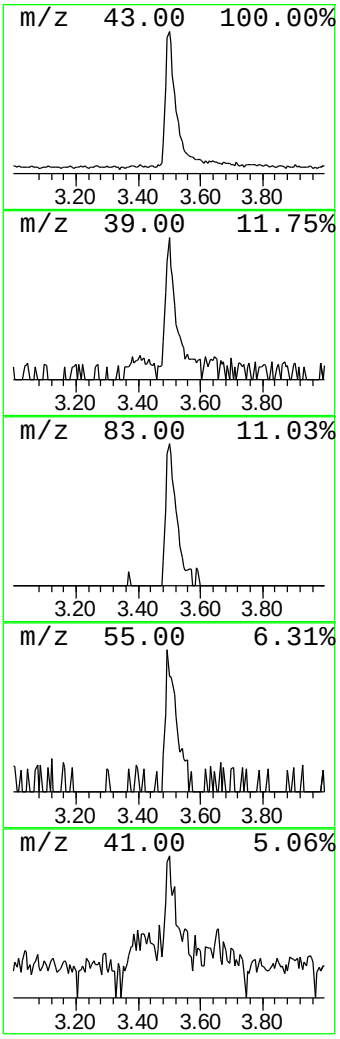
****

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	2.05 ng	97538	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	86
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	37
3	5-Hexen-2-one	98	C6H10O	000109-49-9	33
4	4-Hexen-2-one	98	C6H10O	025659-22-7	9
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	7





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Instrument : BNA_F
ClientSampleId : MH-CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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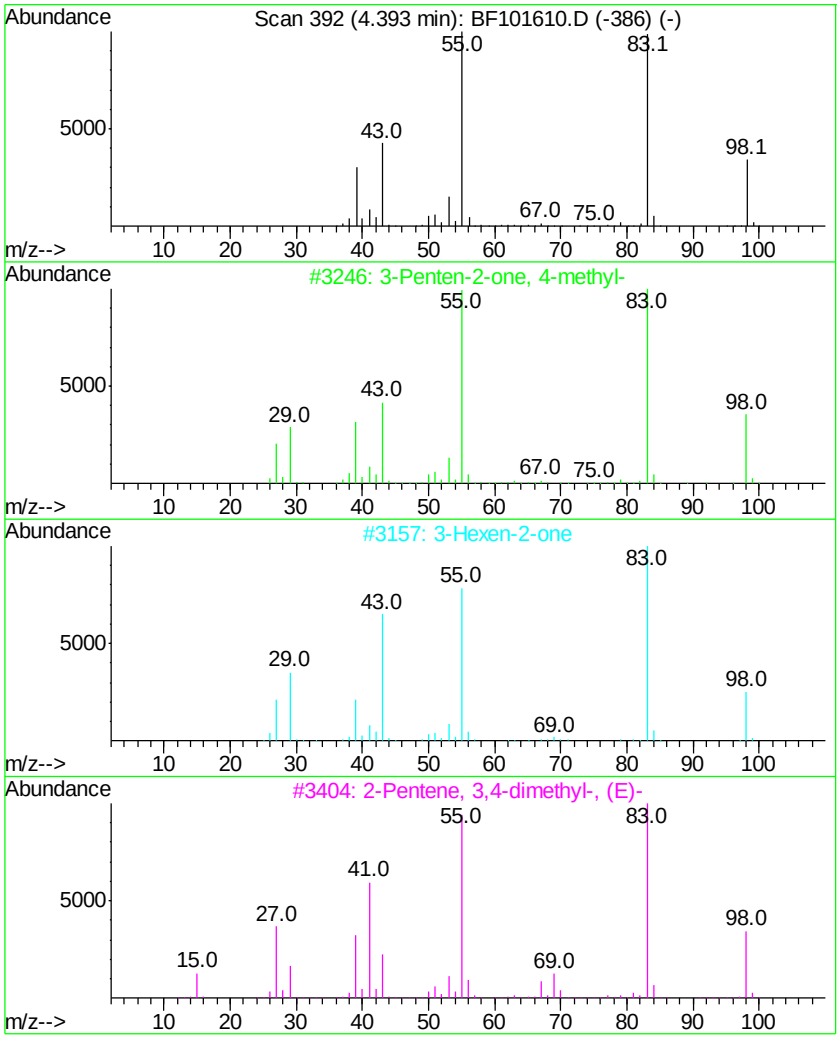
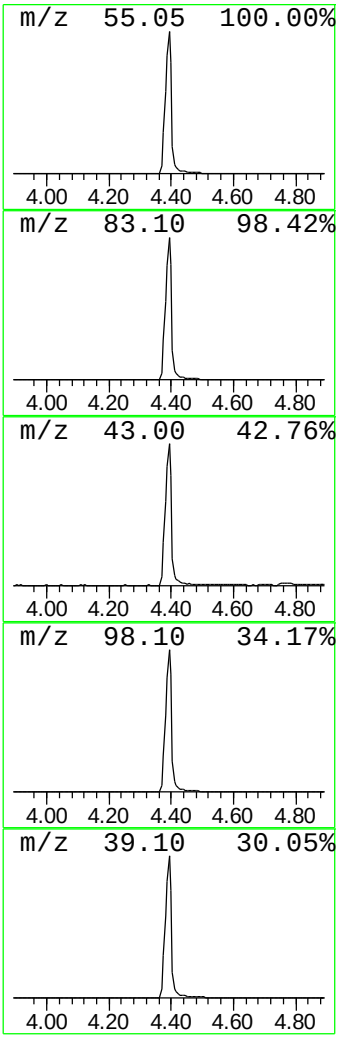
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	83.10 ng	3957510	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





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Data File : BF101610.D
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Operator : SJ/JU
Sample : I6990-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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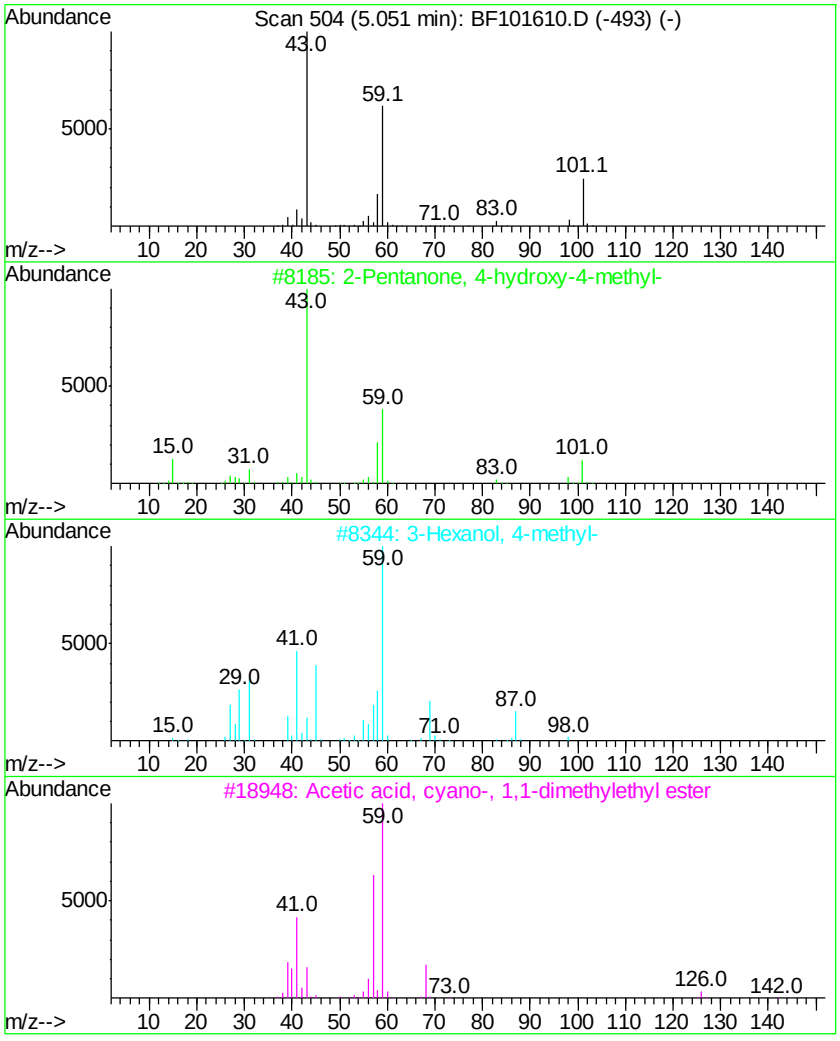
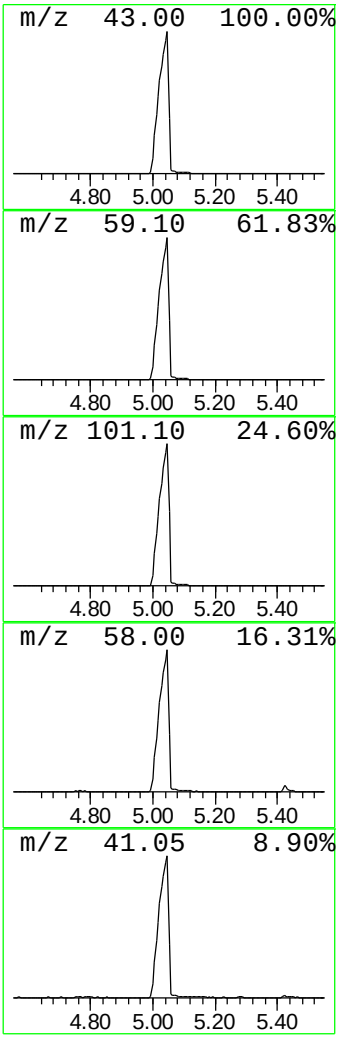
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	148.46 ng	7070250	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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TIC Library : C:\DATABASE\NIST11.L
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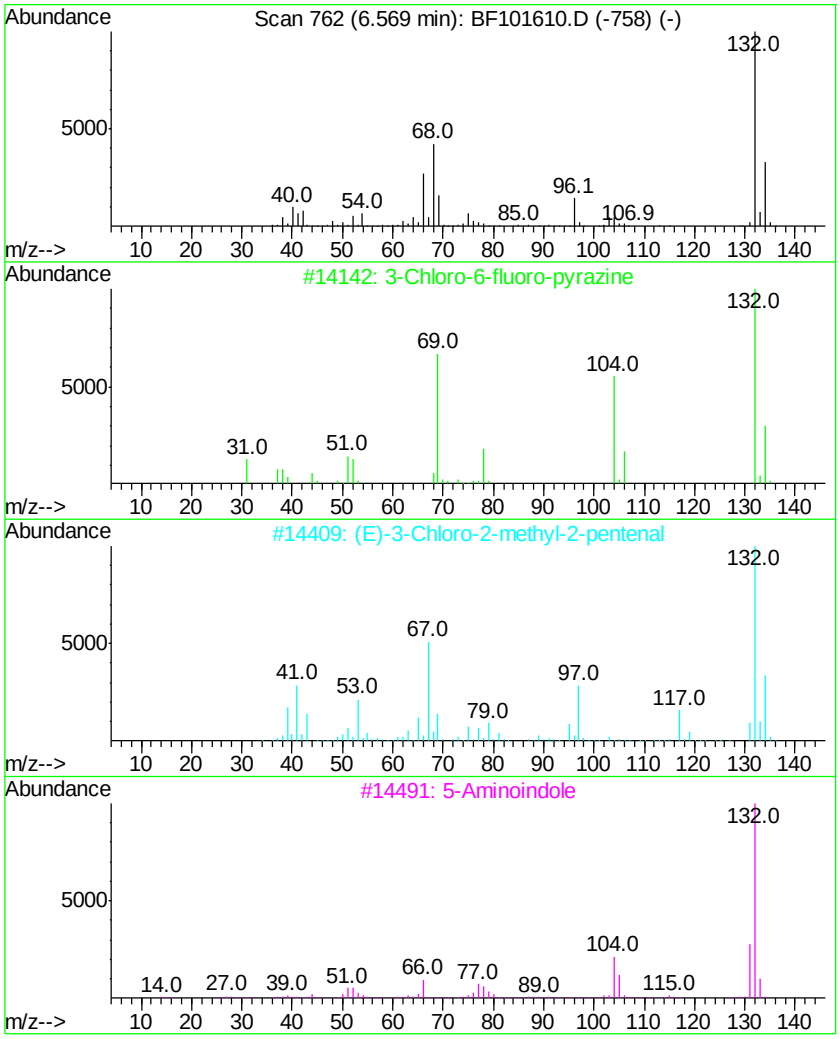
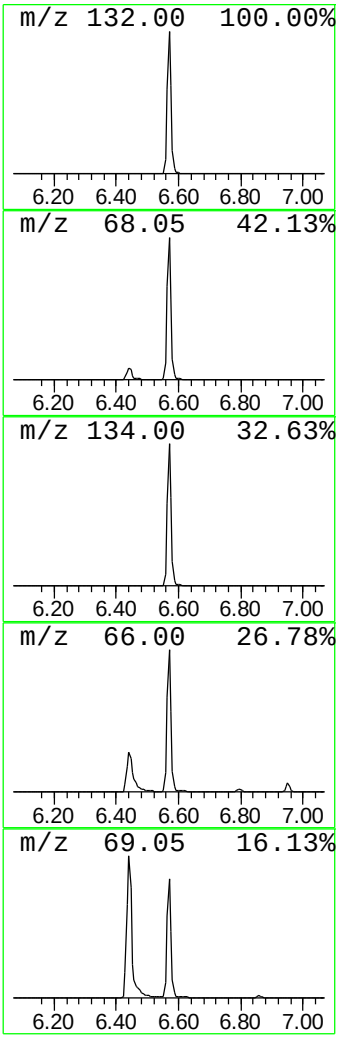
Peak Number 4 unknown6.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	39.39 ng	1875950	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-CONCRETE

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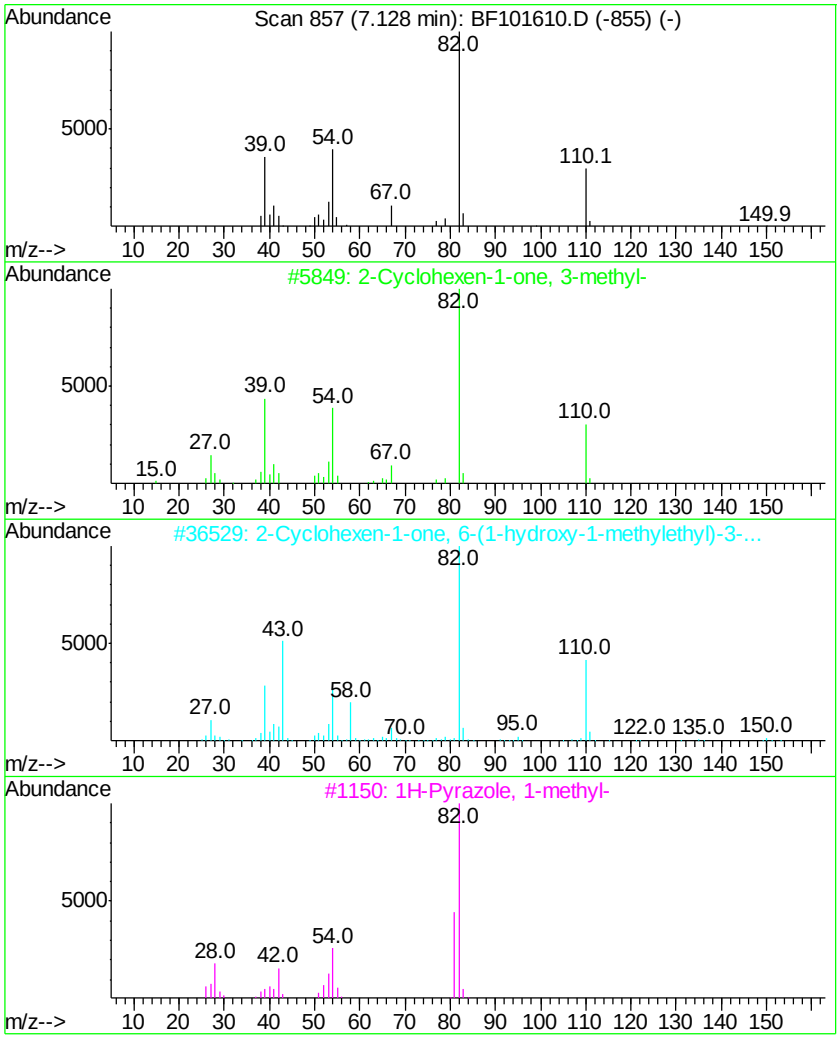
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

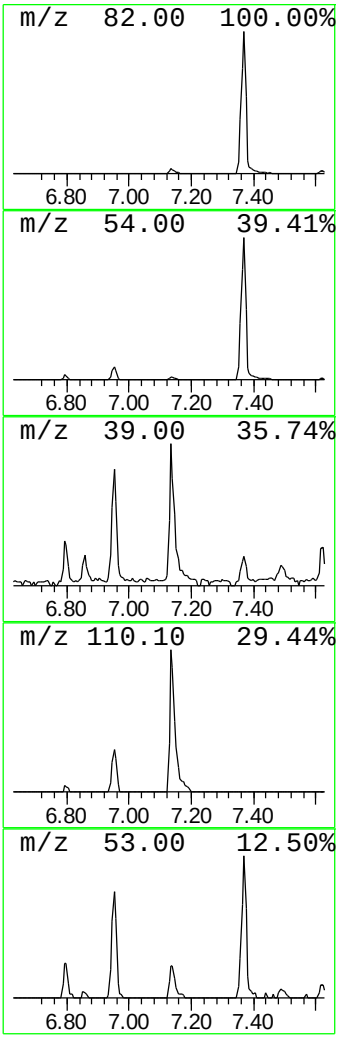
****

Peak Number 6 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.20 ng	104552	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2	2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	78
3	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	53
4	Betazole	111	C5H9N3	000105-20-4	50
5	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	45





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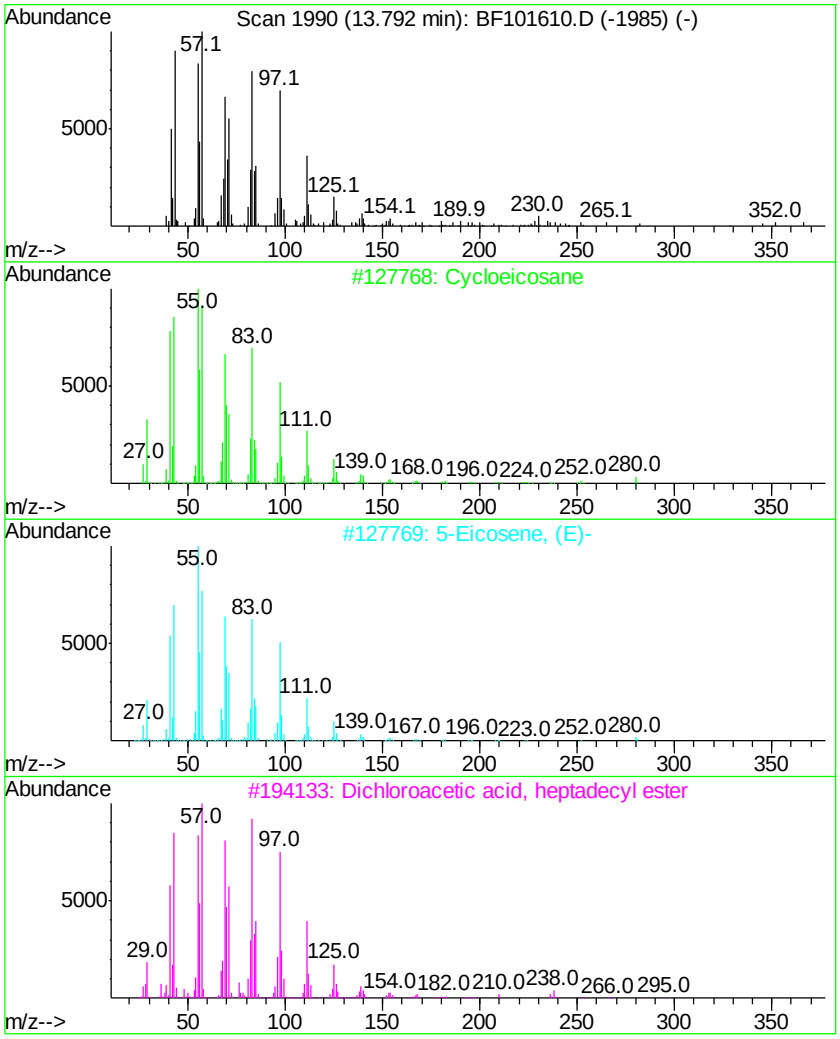
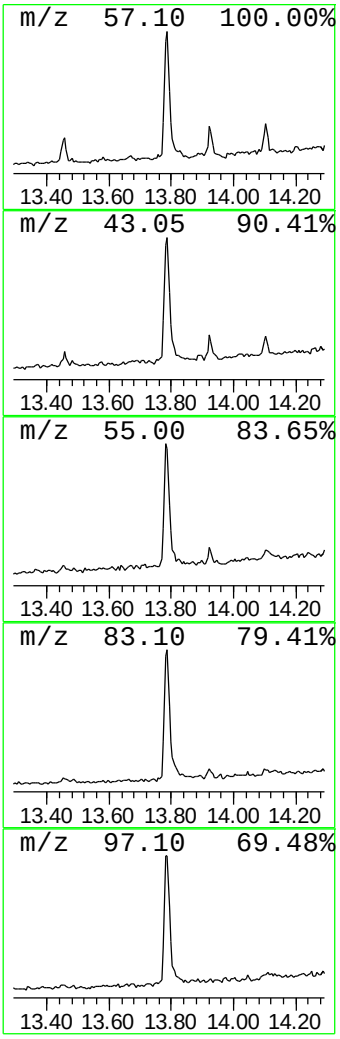
****

Peak Number 7 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	10.61 ng	448369	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
4-Penten-2-one, 4...	3.50	2.0	ng	97538	1	6.80	952452	20.0
3-Penten-2-one, 4...	4.39	83.1	ng	3957510	1	6.80	952452	20.0
2-Pentanone, 4-hy...	5.05	148.5	ng	7070250	1	6.80	952452	20.0
unknown6.57	6.57	39.4	ng	1875950	1	6.80	952452	20.0
2-Cyclohexen-1-on...	7.13	2.2	ng	104552	1	6.80	952452	20.0
Cycloeicosane	13.79	10.6	ng	448369	5	13.97	845281	20.0