LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
Data File : BF086507.D
Acq On : 29 Apr 2016 22:22
Operator : UM/SJ
Sample : H2764-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-006

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-BF042716.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	4.967	250	252	260	rBV	164693	254056	5.13%	0.672%
2	5.379	285	288	291	rBV	4087309	4435983	89.57%	11.730%
3	6.419	376	379	382	rBV	3386444	4952366	100.00%	13.095%
4	6.545	388	390	393	rBV	3694200	4677744	94.45%	12.369%
5	6.773	408	410	413	rBV	759638	961389	19.41%	2.542%
6	6.933	421	424	427	rBV	3366747	3289216	66.42%	8.697%
7	7.059	434	435	443	rVB4	18969	58541	1.18%	0.155%
8	7.345	457	460	463	rBV	2588144	2867298	57.90%	7.582%
9	8.065	520	523	525	rBV	1417144	1359518	27.45%	3.595%
10	8.453	555	557	560	rVB4	57463	80084	1.62%	0.212%
11	8.522	560	563	564	rVB3	42199	68969	1.39%	0.182%
12	9.150	614	618	620	rBV	2910764	4341323	87.66%	11.479%
13	9.265	626	628	630	rVB	56497	54098	1.09%	0.143%
14	9.539	650	652	654	rBV	444747	389235	7.86%	1.029%
15	9.813	674	676	678	rBV2	1142436	1239796	25.03%	3.278%
16	9.962	685	689	691	rBV4	51917	67402	1.36%	0.178%
17	10.602	742	745	748	rBV	2053899	2215430	44.73%	5.858%
18	10.728	754	756	759	rBV	73920	79044	1.60%	0.209%
19	11.299	803	806	808	rBV	1021397	1017455	20.54%	2.690%
20	12.888	942	945	947	rBV	2362418	2915274	58.87%	7.709%
21	13.928	1034	1036	1039	rBV	757871	801339	16.18%	2.119%
22	15.014	1130	1131	1134	rVB	293522	313603	6.33%	0.829%
23	15.323	1156	1158	1161	rBV	385484	634576	12.81%	1.678%
24	15.768	1195	1197	1200	rVB	351787	545426	11.01%	1.442%
25	16.991	1302	1304	1306	rBV2	177788	199602	4.03%	0.528%

Sum of corrected areas: 37818767

LSC Report - Integrated Chromatogram

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Misc :
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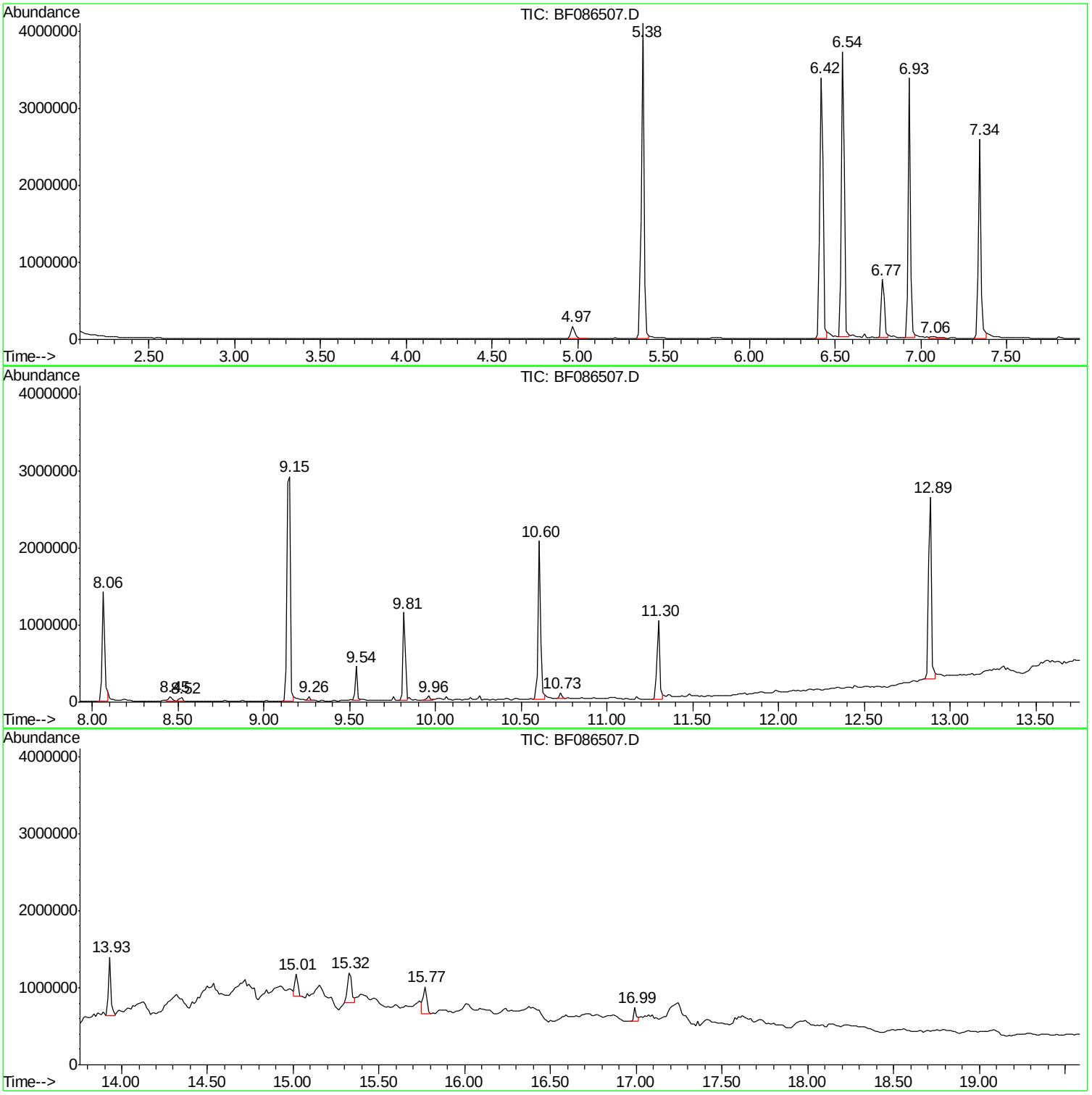
Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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TIC Library : C:\DATABASE\NIST02.L
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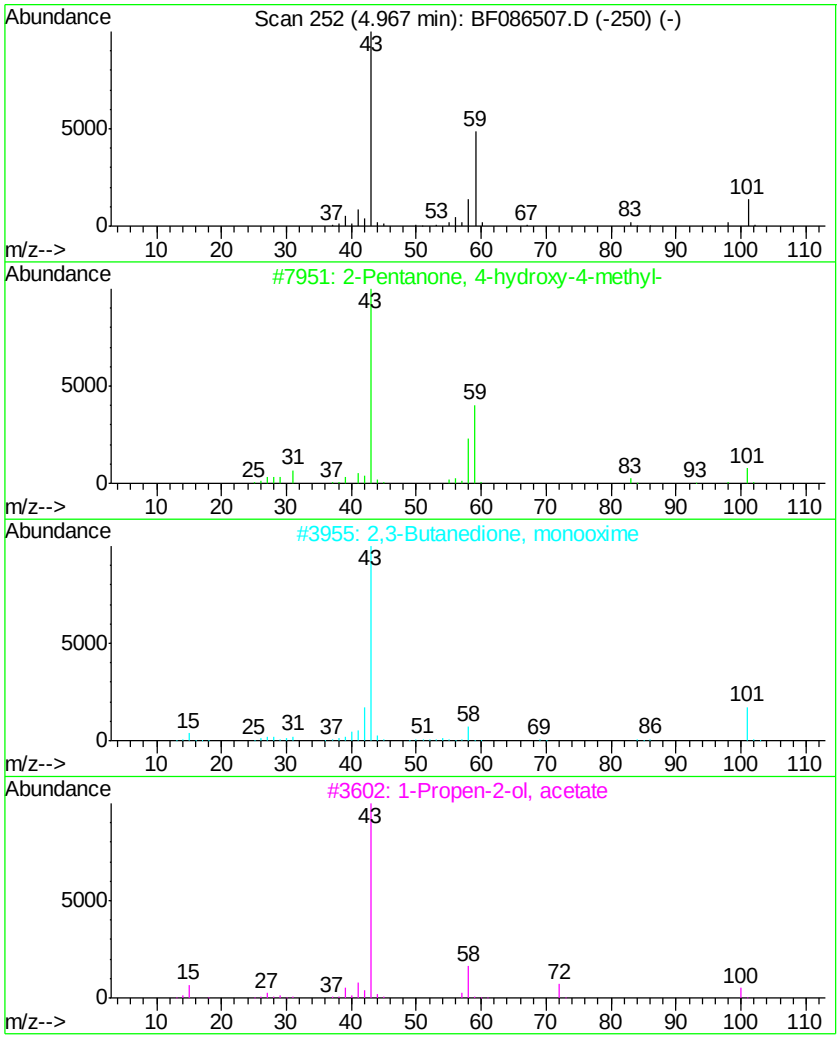
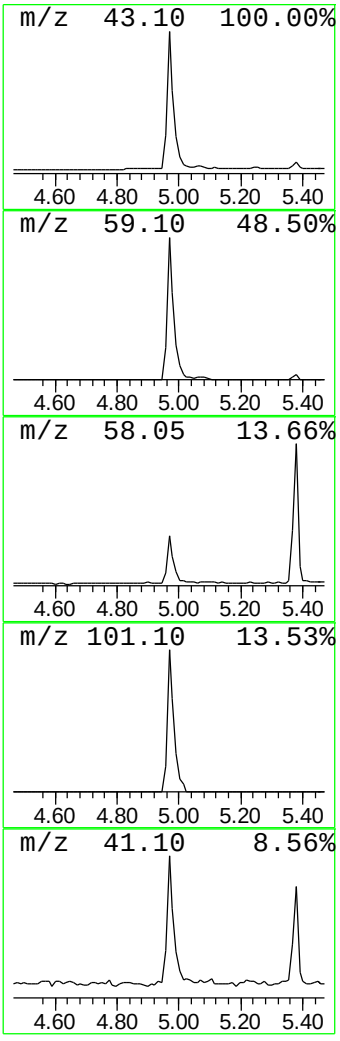
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	5.29 ng	254056	1,4-Dichlorobenzene-d4	6.77

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	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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ClientSampleId : IM-TOPSOIL-006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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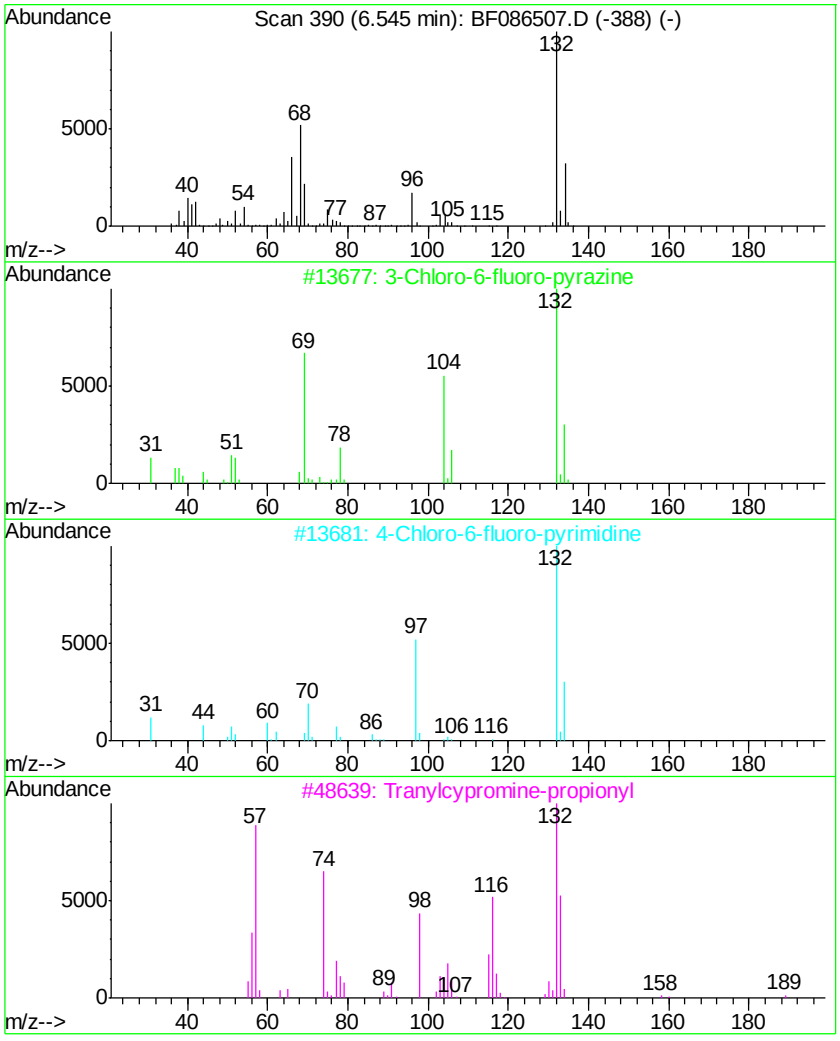
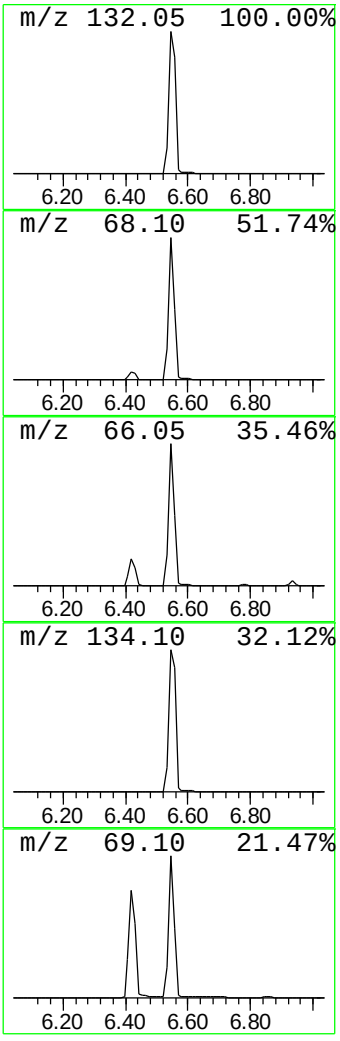
Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	97.31 ng	4677740	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Sample : H2764-03
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Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-006

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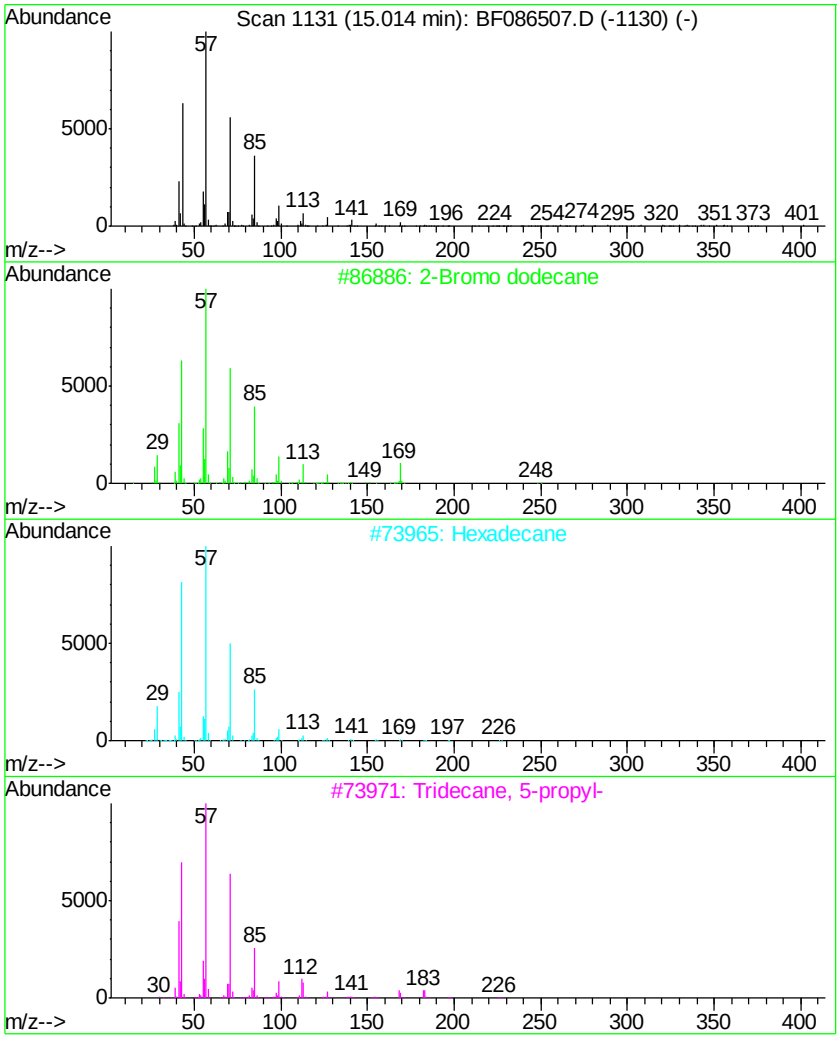
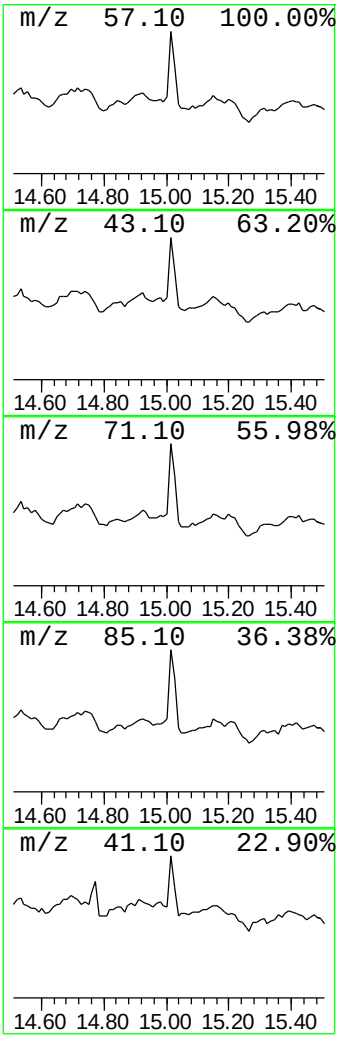
Peak Number 4 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	9.88 ng	313603	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86





Library Search Compound Report

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Sample : H2764-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-TOPSOIL-006

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.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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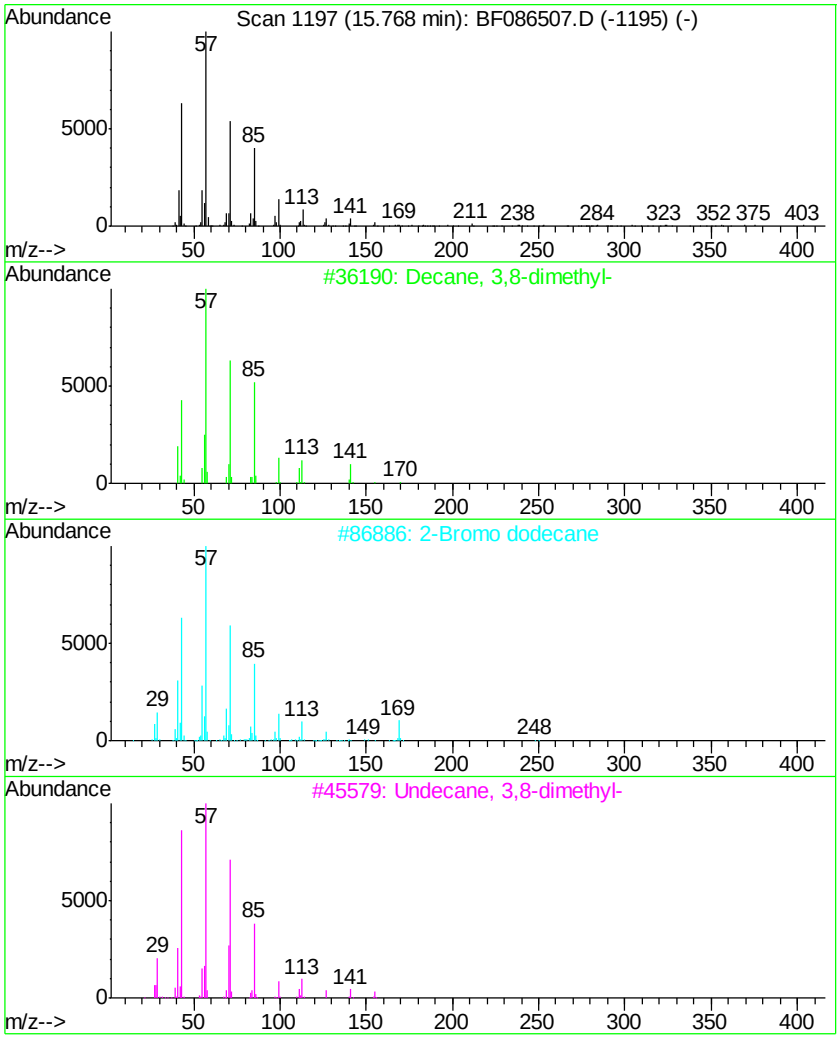
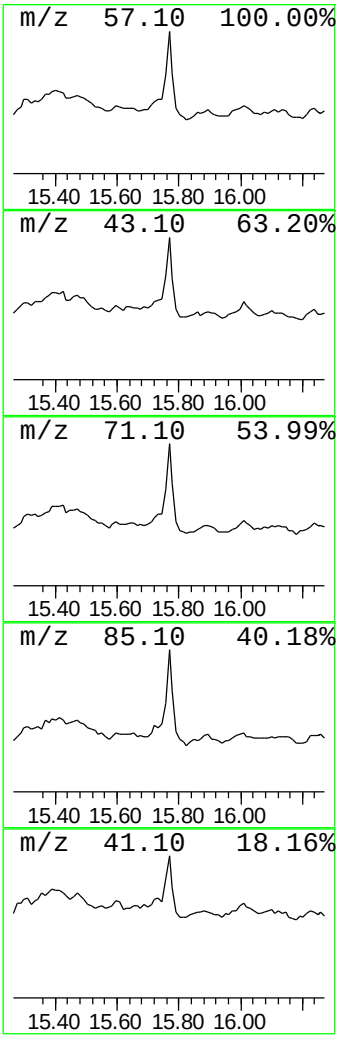
Peak Number 5 Decane, 3,8-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	17.19 ng	545426	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	86
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





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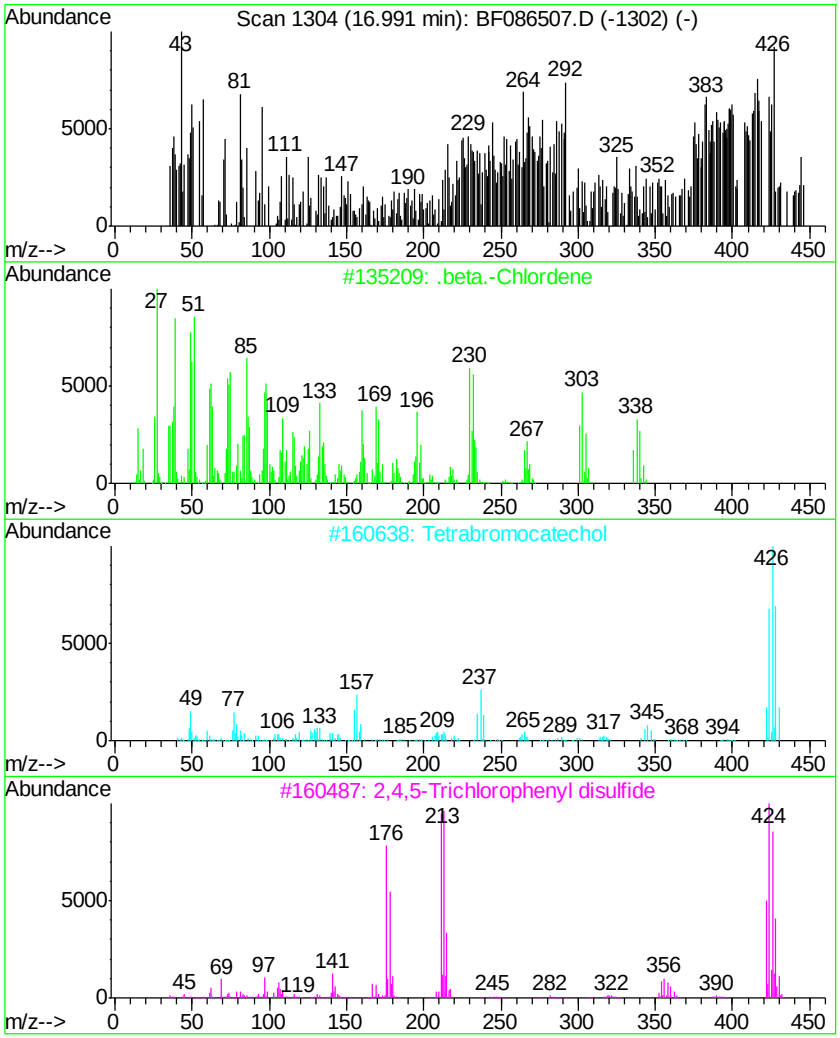
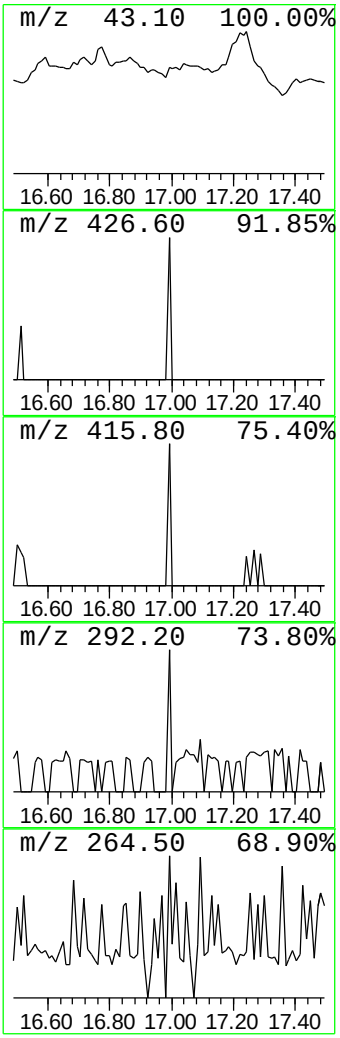
Peak Number 6 .beta.-Chlordene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	6.29 ng	199602	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Chlordene	336	C10H6Cl6	056534-03-3	56
2	Tetrabromocatechol	422	C6H2Br4O2	000488-47-1	27
3	2,4,5-Trichlorophenyl disulfide	422	C12H4Cl6S2	003808-87-5	25
4	Diethyl 2-((4-bromo-2-methyl-5-o...	424	C18H21BrN2O5	109821-73-0	15
5	Dibenzotellurophene, octafluoro-	426	C12F8Te	016012-86-5	11





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...	4.97	5.3	ng	254056	1	6.77	961389	20.0
unknown6.54	6.54	97.3	ng	4677740	1	6.77	961389	20.0
2-Bromo dodecane	15.01	9.9	ng	313603	6	15.32	634576	20.0
Decane, 3,8-dimet...	15.77	17.2	ng	545426	6	15.32	634576	20.0
.beta.-Chlordene	16.99	6.3	ng	199602	6	15.32	634576	20.0