LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087159.D
Acq On : 18 May 2016 22:42
Operator : UM/SJ
Sample : H3143-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5-I-76(0-2)

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-BF051716.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	1.712	9	11	52	rVB	2713876	5547314	100.00%	12.389%
2	3.964	206	208	220	rBV	26542	69236	1.25%	0.155%
3	4.696	269	272	288	rBV	1354935	2617717	47.19%	5.846%
4	5.164	311	313	316	rBV	2967213	3882260	69.98%	8.670%
5	5.564	346	348	356	rVB	197806	222451	4.01%	0.497%
6	6.250	405	408	410	rBV	3965945	4545617	81.94%	10.152%
7	6.353	414	417	419	rBV	4250227	4316461	77.81%	9.640%
8	6.582	434	437	439	rBV	599349	846975	15.27%	1.892%
9	6.730	448	450	453	rBV	3214089	2888039	52.06%	6.450%
10	7.153	484	487	489	rBV	2804548	2818999	50.82%	6.296%
11	7.862	547	549	552	rBV	1165662	1106461	19.95%	2.471%
12	8.947	641	644	646	rBV	3732884	3987692	71.89%	8.906%
13	9.348	677	679	681	rBV	524534	487483	8.79%	1.089%
14	9.553	695	697	699	rBV	84834	99257	1.79%	0.222%
15	9.610	699	702	704	rVV	1394187	1232607	22.22%	2.753%
16	10.056	738	741	743	rBV	181411	154038	2.78%	0.344%
17	10.273	757	760	763	rBV	52390	82975	1.50%	0.185%
18	10.399	769	771	774	rBV	2668827	2671805	48.16%	5.967%
19	10.525	780	782	789	rVB	259818	296628	5.35%	0.662%
20	10.971	819	821	822	rBV	93862	77814	1.40%	0.174%
21	11.085	829	831	834	rBV	1341296	1193104	21.51%	2.665%
22	11.633	877	879	885	rBV	49823	66160	1.19%	0.148%
23	12.674	967	970	972	rBV	3036822	3353976	60.46%	7.491%
24	13.599	1048	1051	1058	rBV	55259	165693	2.99%	0.370%
25	13.714	1058	1061	1063	rBV	968174	1042397	18.79%	2.328%
26	14.548	1132	1134	1136	rBV	57951	58439	1.05%	0.131%
27	15.062	1176	1179	1185	rBV	808315	944677	17.03%	2.110%

Sum of corrected areas: 44776275

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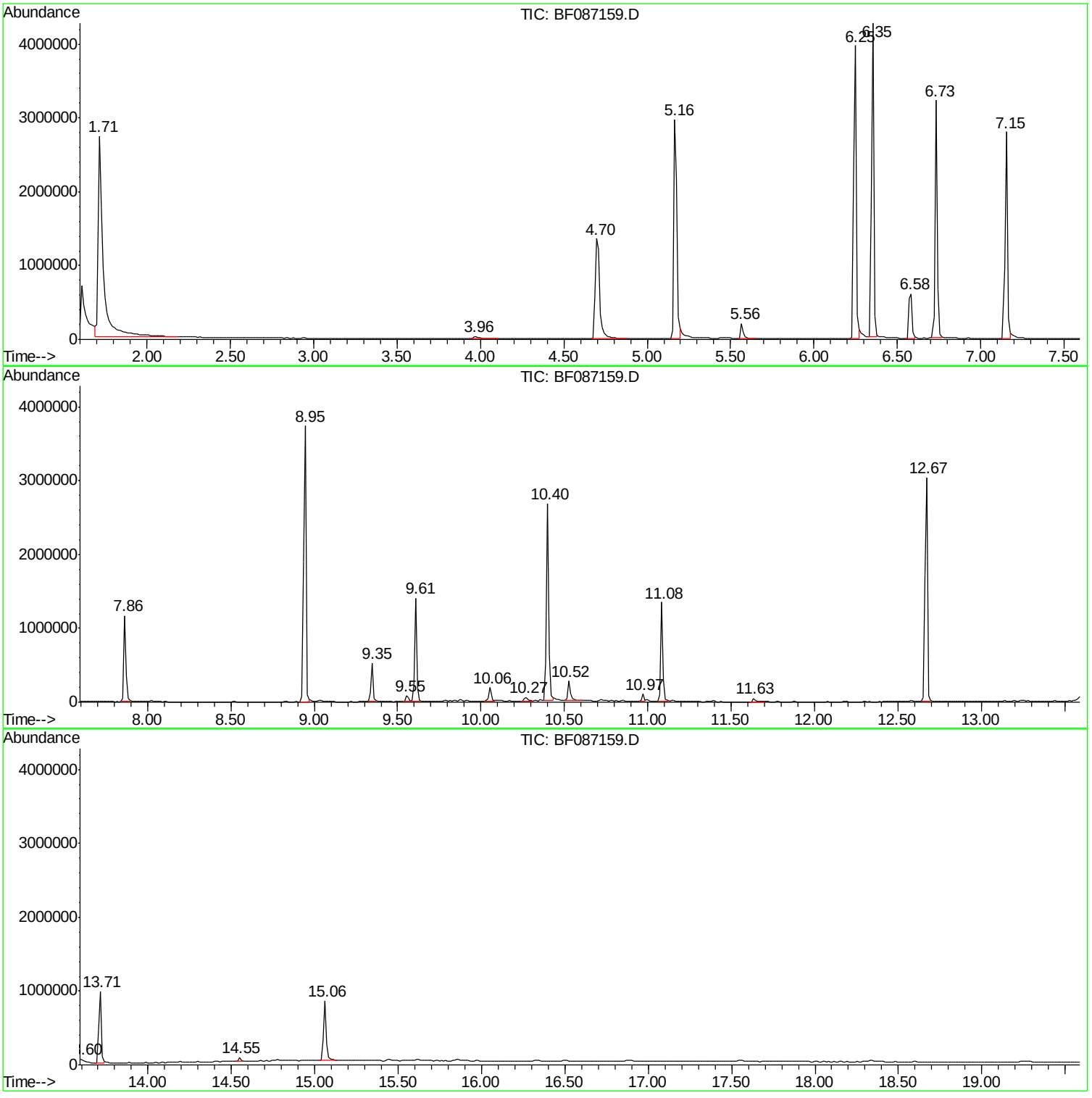
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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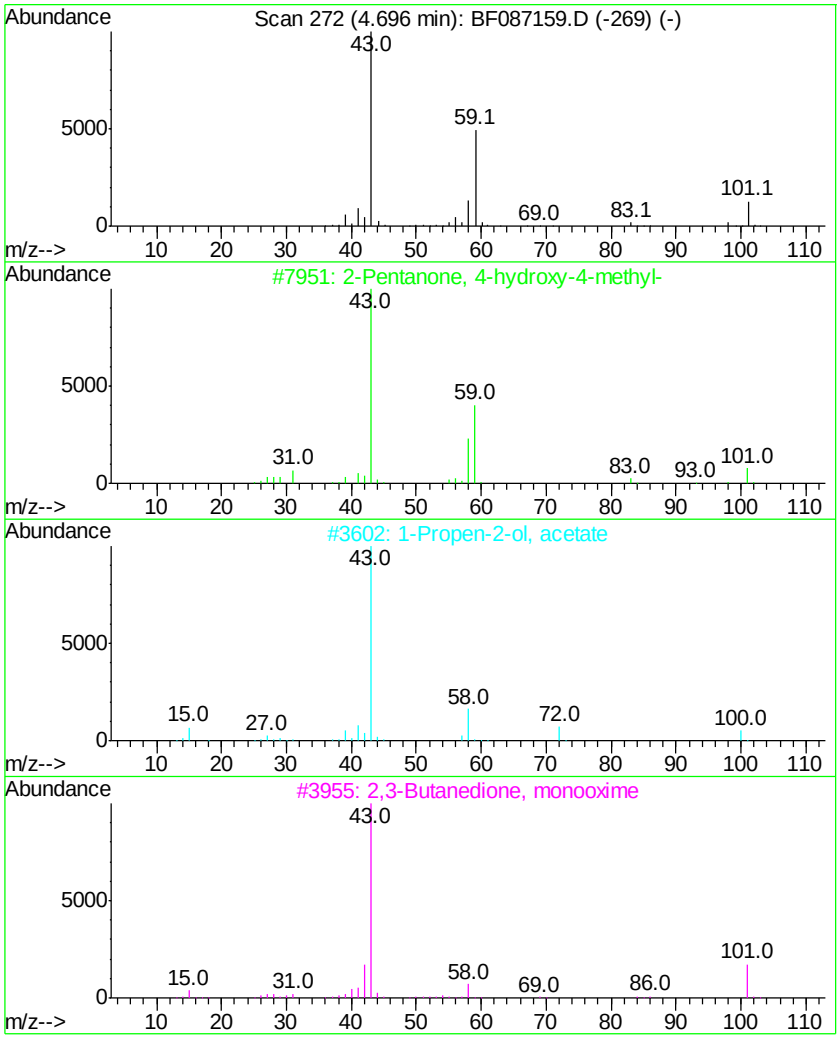
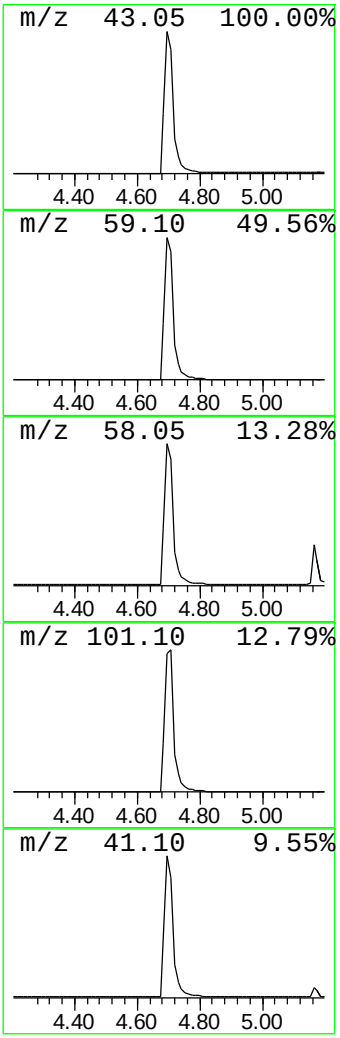
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	61.81 ng	2617720	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7





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Sample : H3143-09
Misc :
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Instrument :
BNA_F
ClientSampleId :
5-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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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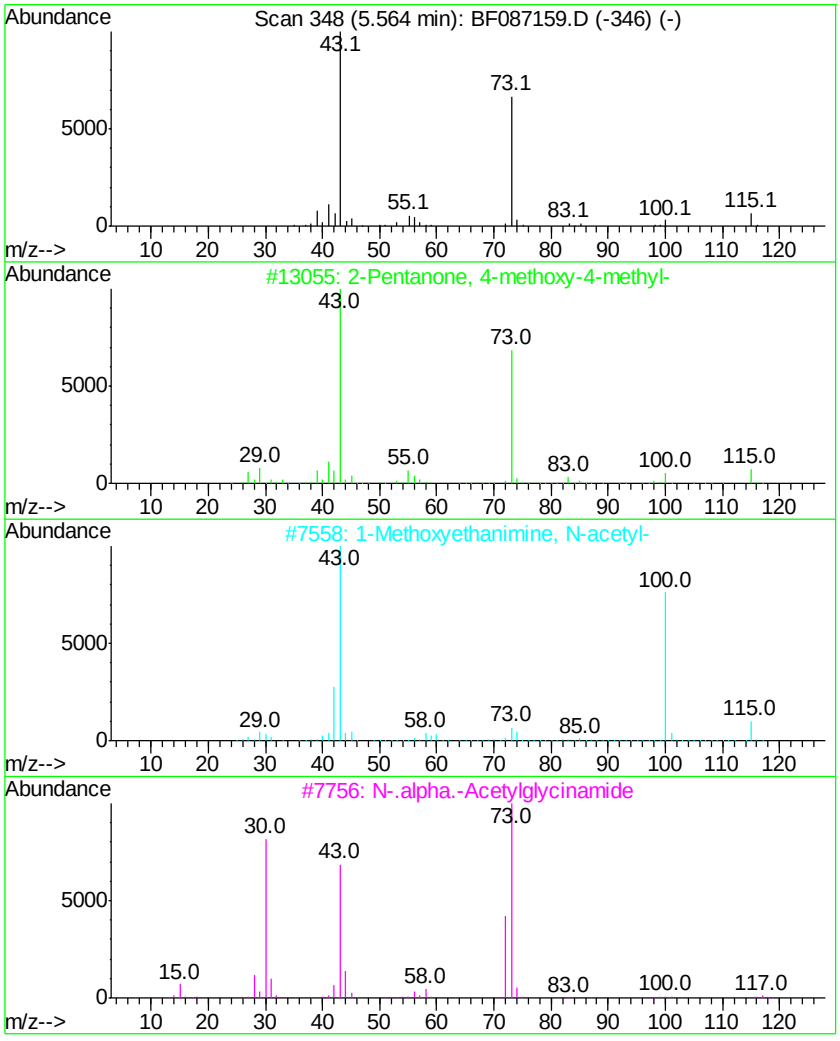
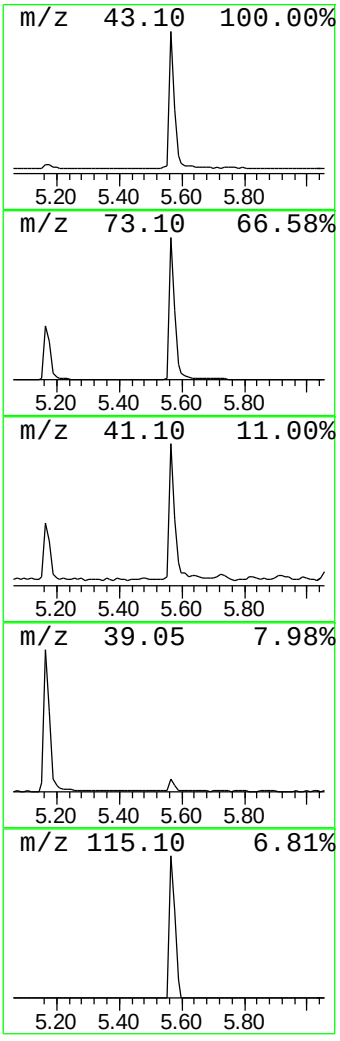
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	5.25 ng	222451	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	74
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	40
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
4	2-Heptanone	114	C7H14O	000110-43-0	23
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	16





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ClientSampleId :
5-I-76(0-2)

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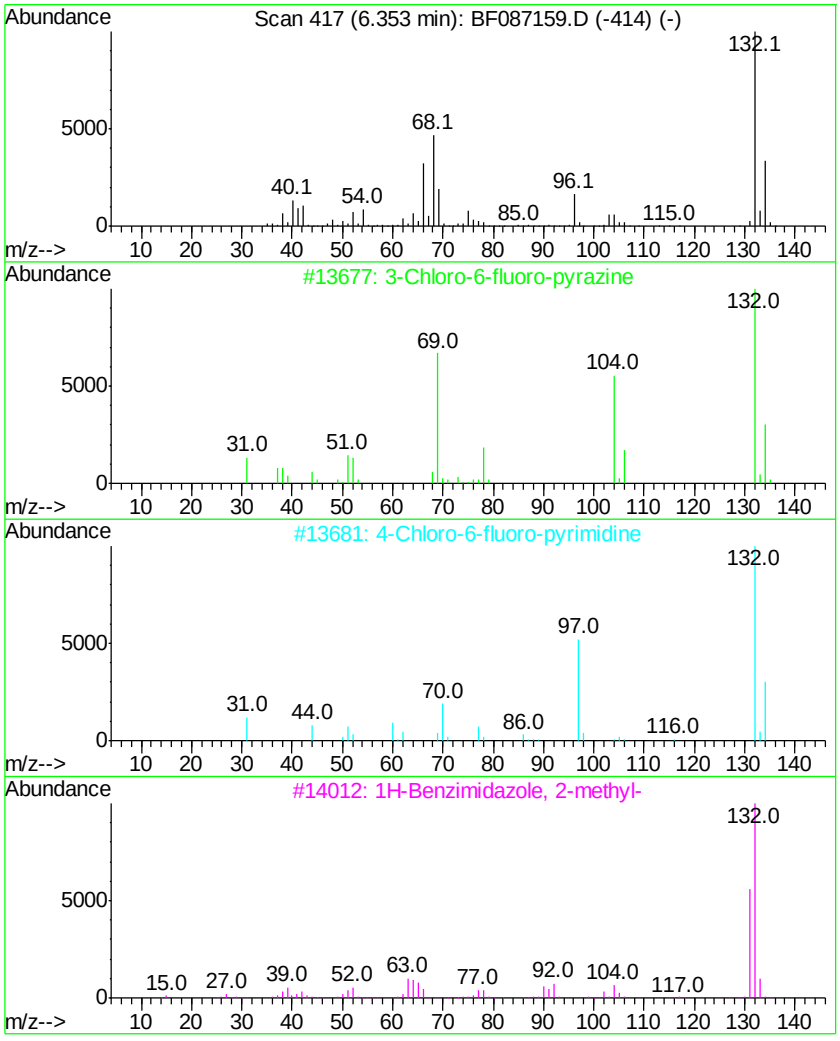
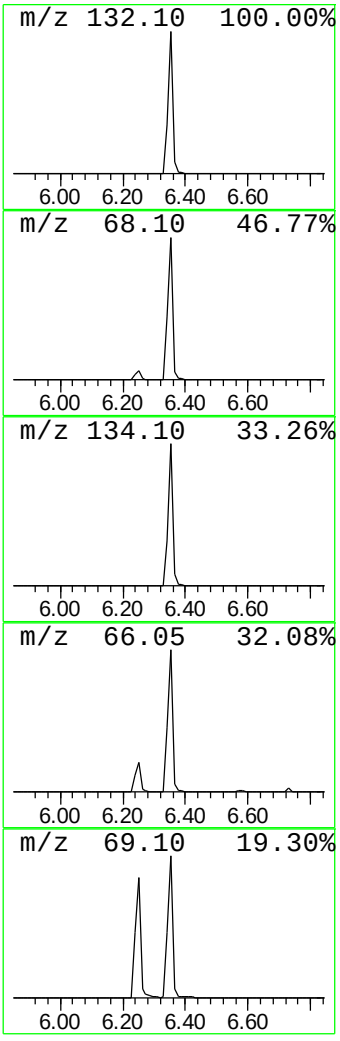
Peak Number 4 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	101.93 ng	4316460	1,4-Dichlorobenzene-d4	6.58

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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5-I-76(0-2)

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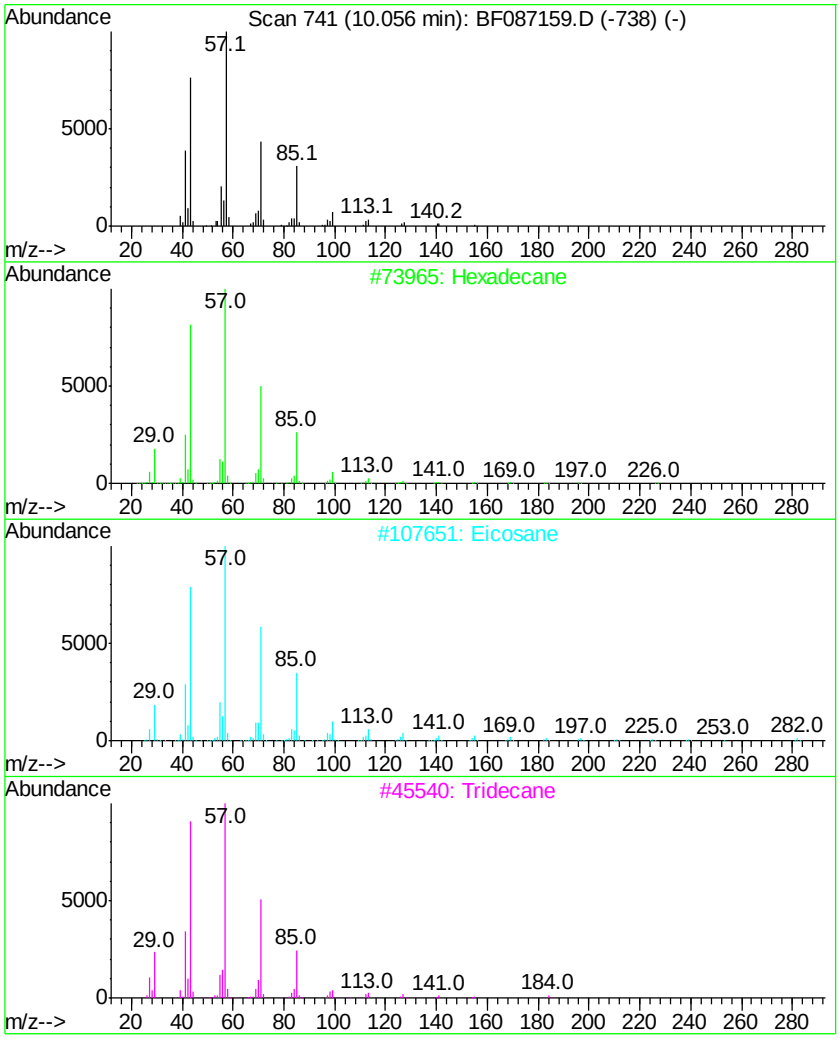
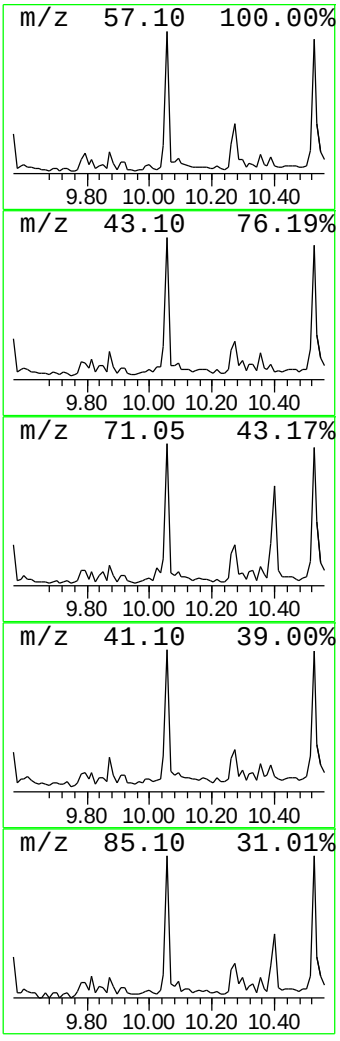
Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.50 ng	154038	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78





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BNA_F
ClientSampleId :
5-I-76(0-2)

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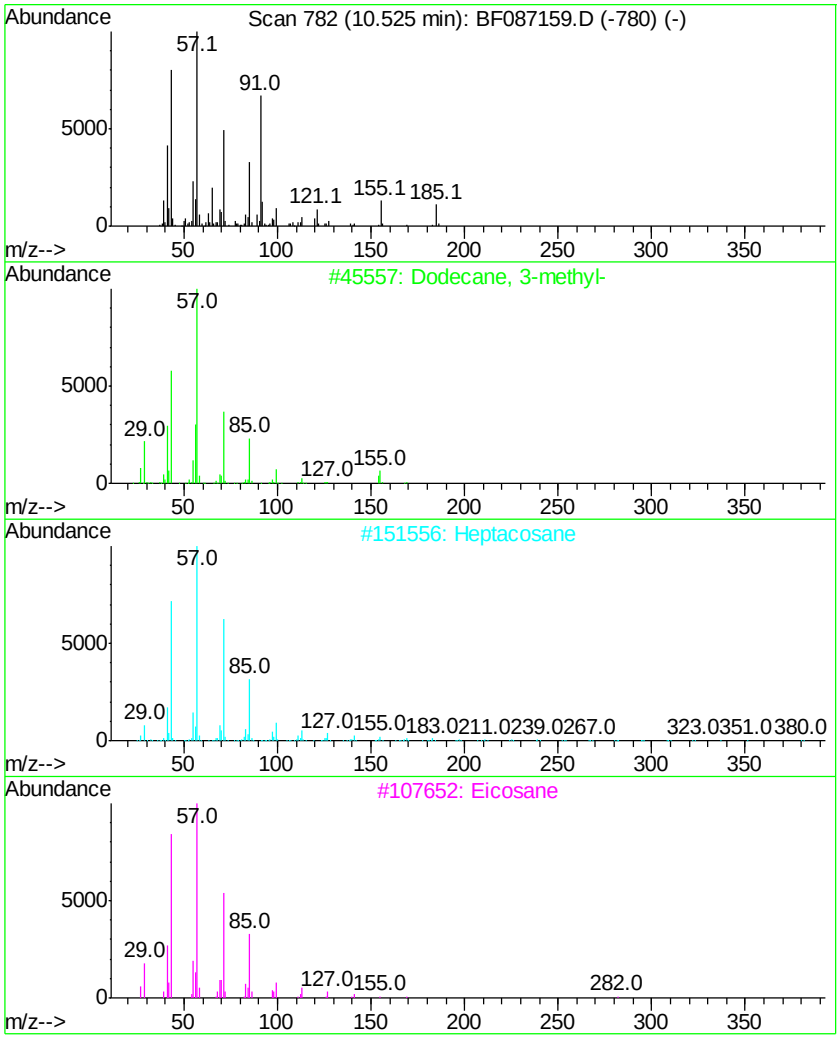
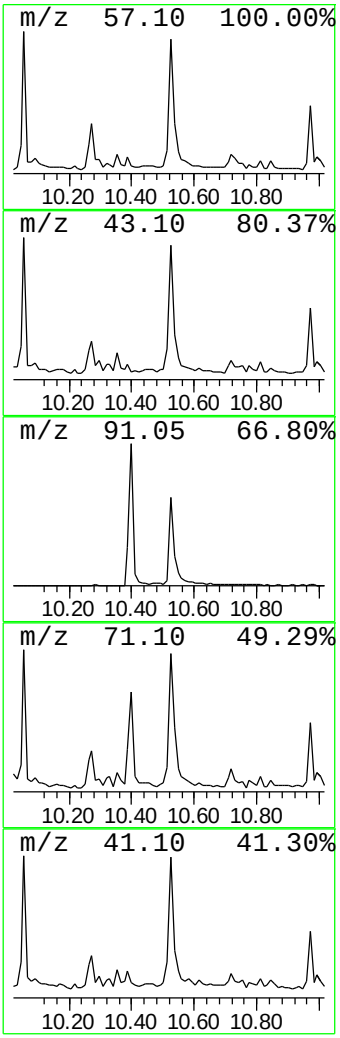
Peak Number 7 Dodecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.97 ng	296628	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	58
2	Heptacosane	380	C27H56	000593-49-7	53
3	Eicosane	282	C20H42	000112-95-8	53
4	Hexadecane	226	C16H34	000544-76-3	53
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52





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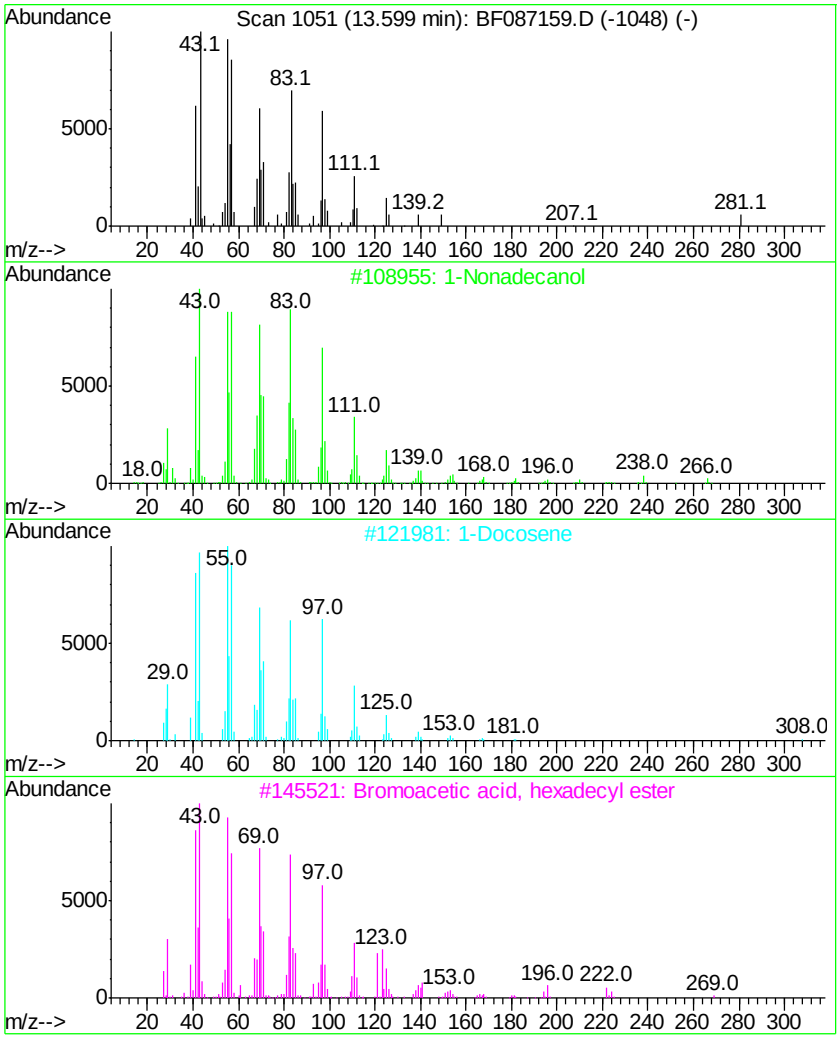
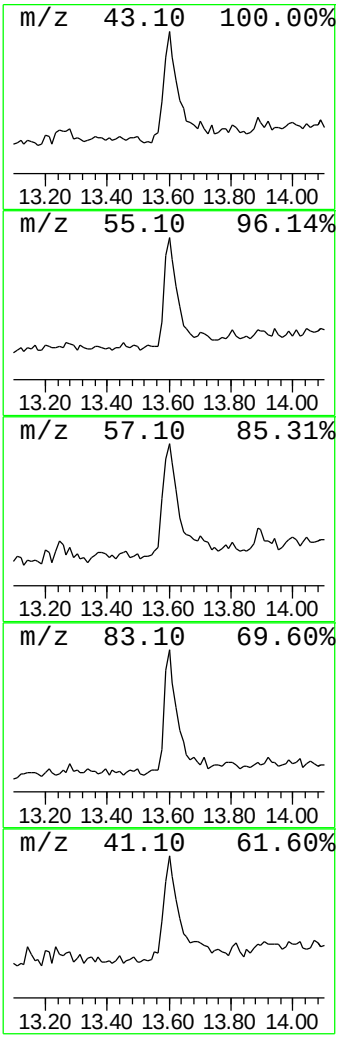
Peak Number 8 1-Nonadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.18 ng	165693	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	94
2	1-Docosene	308	C22H44	001599-67-3	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.70	61.8	ng	2617720	1	6.58	846975	20.0
2-Pentanone, 4-me...	5.56	5.3	ng	222451	1	6.58	846975	20.0
unknown6.35	6.35	101.9	ng	4316460	1	6.58	846975	20.0
Hexadecane	10.06	2.5	ng	154038	3	9.61	1232610	20.0
Dodecane, 3-methyl-	10.52	5.0	ng	296628	4	11.08	1193100	20.0
1-Nonadecanol	13.60	3.2	ng	165693	5	13.71	1042400	20.0