LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083772.D
Acq On : 14 Dec 2015 11:36
Operator : UM/IZ
Sample : G4761-02
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM-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-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	2.235	10	13	19	rVB2	40789	64323	1.82%	0.215%
2	5.115	262	265	272	rBV	477397	808487	22.87%	2.699%
3	5.538	298	302	304	rBV	3005890	3477488	98.38%	11.609%
4	6.556	388	391	393	rVB	2857789	3341805	94.54%	11.156%
5	6.693	400	403	405	rBV	3262149	3388888	95.87%	11.314%
6	6.921	420	423	425	rVB	841681	710121	20.09%	2.371%
7	7.081	434	437	439	rVB	2919630	2771185	78.40%	9.251%
8	7.481	469	472	474	rBV	2087063	2098225	59.36%	7.005%
9	7.573	477	480	483	rBV	57388	100025	2.83%	0.334%
10	8.201	533	535	538	rBV	953758	830522	23.50%	2.773%
11	9.276	626	629	632	rBV	2583373	3534882	100.00%	11.801%
12	9.676	661	664	666	rBV	496850	653028	18.47%	2.180%
13	9.893	681	683	686	rBV	54719	46119	1.30%	0.154%
14	9.962	686	689	691	rVV	680488	855181	24.19%	2.855%
15	10.396	725	727	728	rVB	78739	64767	1.83%	0.216%
16	10.613	743	746	749	rBV	23898	41943	1.19%	0.140%
17	10.739	755	757	760	rBV	1699930	1878506	53.14%	6.271%
18	10.865	766	768	774	rVB	78567	84963	2.40%	0.284%
19	11.310	806	807	809	rBV	45774	39769	1.13%	0.133%
20	11.436	816	818	820	rBV	939275	784380	22.19%	2.619%
21	11.665	836	838	840	rBV	82916	71354	2.02%	0.238%
22	11.962	863	864	869	rBV3	23729	35505	1.00%	0.119%
23	13.025	954	957	959	rBV	2267433	2805845	79.38%	9.367%
24	13.916	1033	1035	1037	rBV	169208	212797	6.02%	0.710%
25	14.065	1045	1048	1050	rBV	743455	698847	19.77%	2.333%
26	14.545	1088	1090	1092	rBV	51256	62163	1.76%	0.208%
27	15.505	1171	1174	1177	rBV	350758	492950	13.95%	1.646%

Sum of corrected areas: 29954068

LSC Report - Integrated Chromatogram

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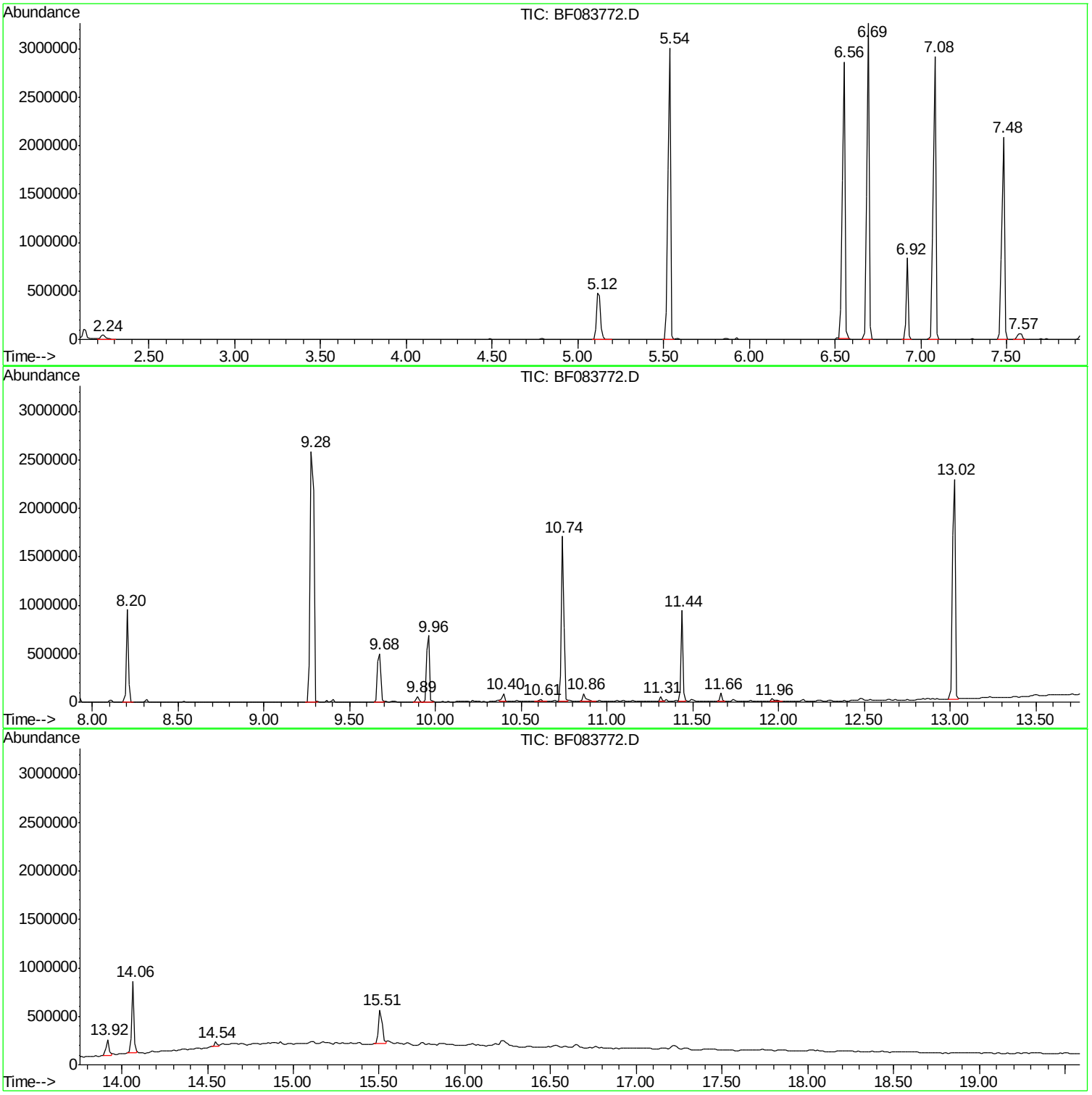
Instrument : BNA_F
ClientSampleId : BOTTOM-2

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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TIC Library : C:\DATABASE\NIST02.L
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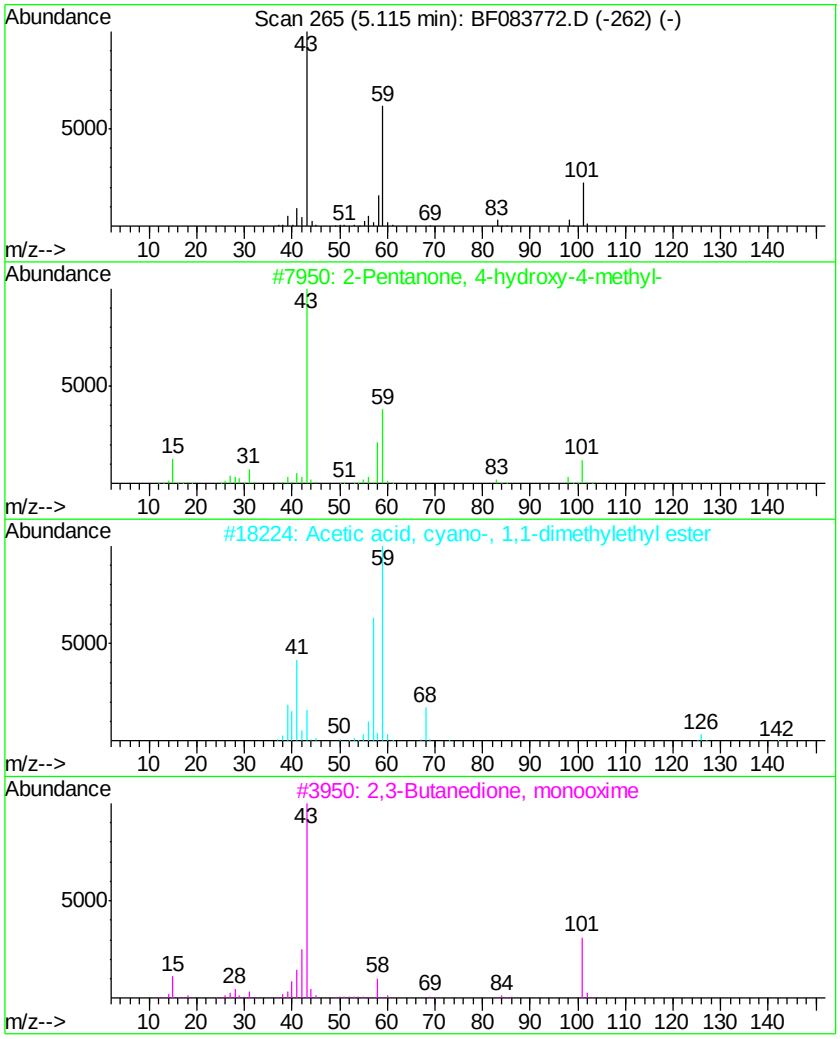
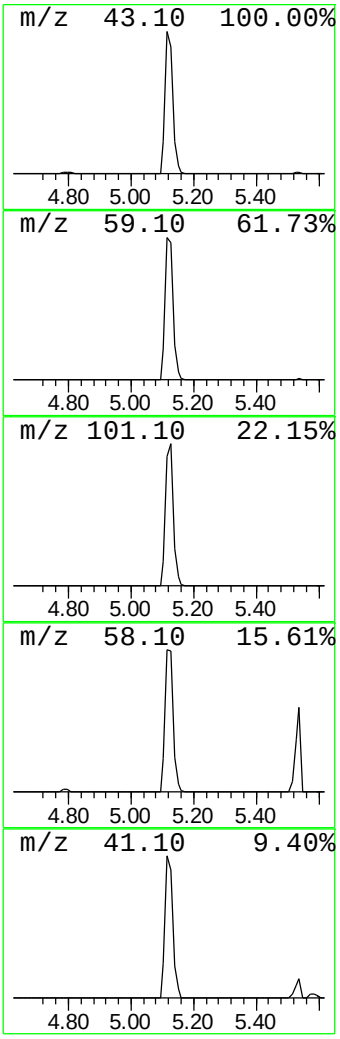
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	22.77 ng	808487	1,4-Dichlorobenzene-d4	6.92

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	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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ClientSampleId : BOTTOM-2

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
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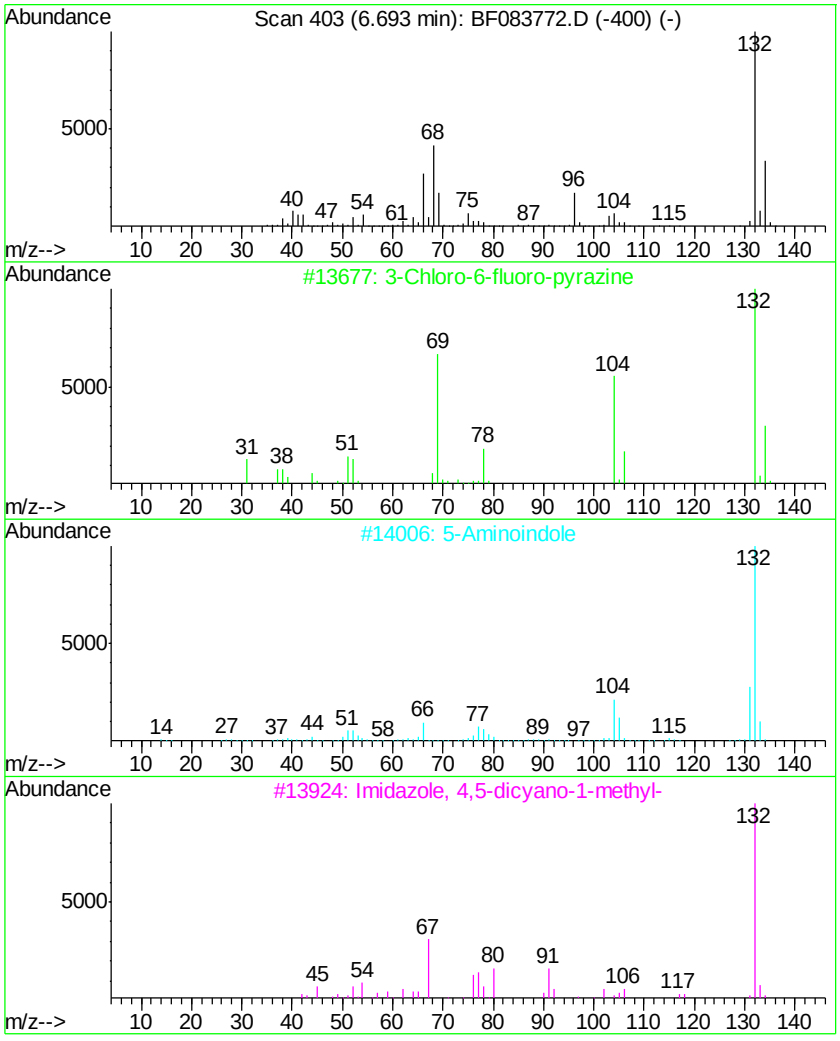
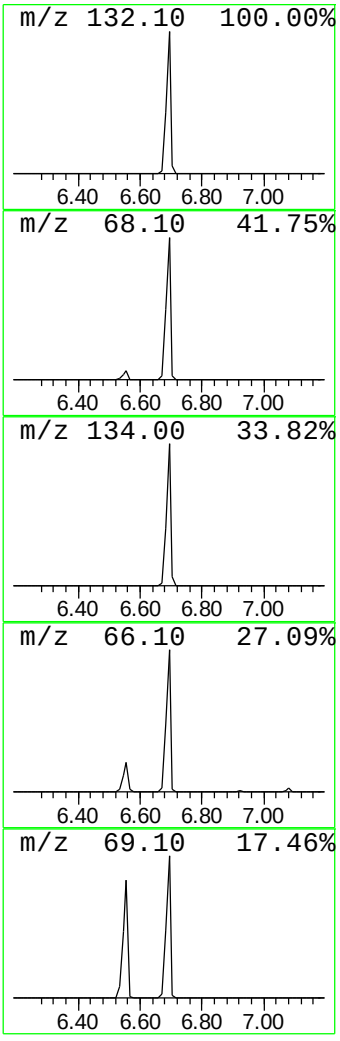
Peak Number 2 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	95.45 ng	3388890	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	9
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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ClientSampleId : BOTTOM-2

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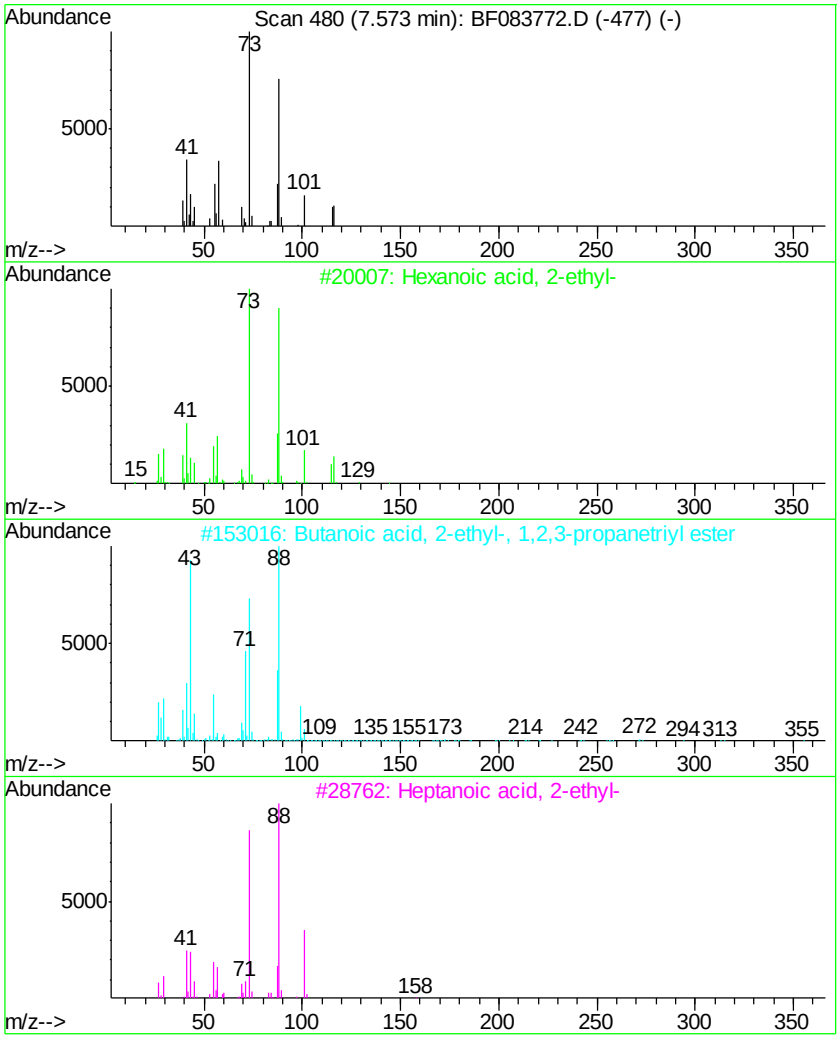
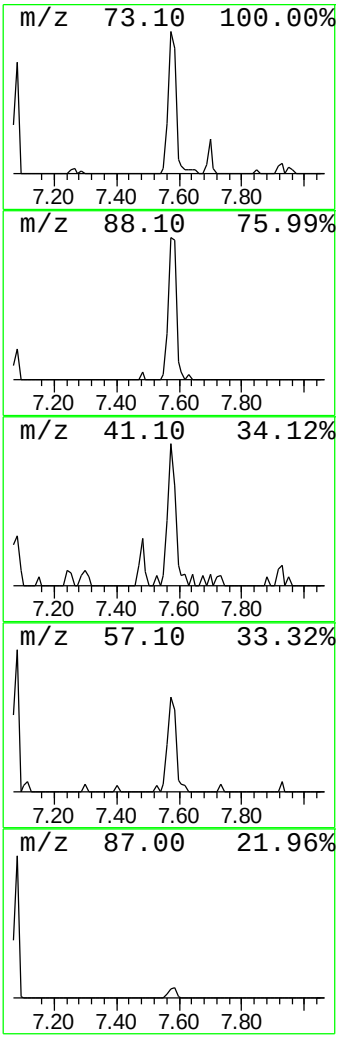
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	2.41 ng	100025	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	40
5	1,4-Dioxane	88	C4H8O2	000123-91-1	37





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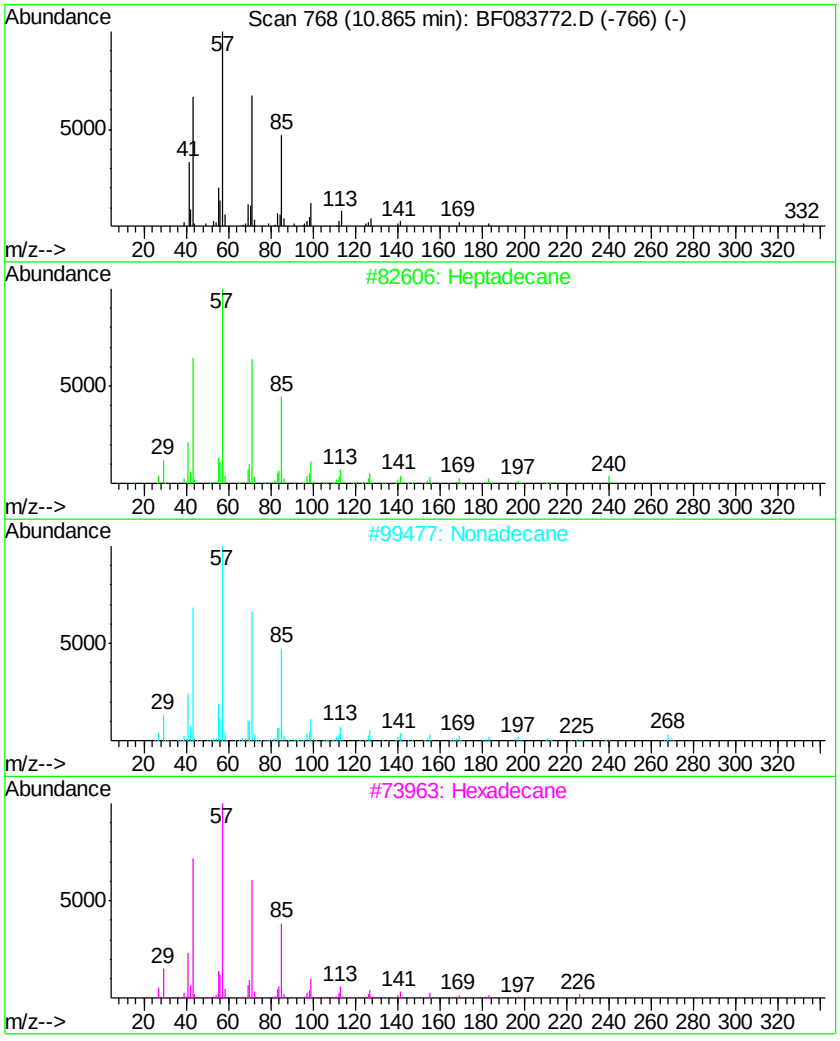
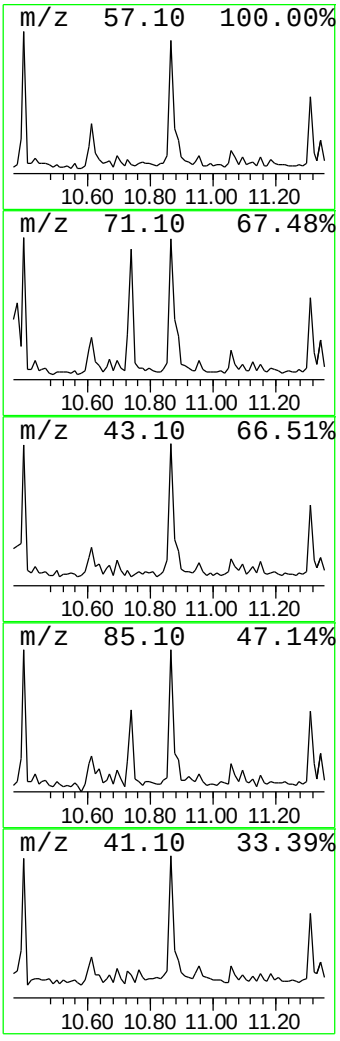
Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	2.17 ng	84963	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Pentadecane	212	C15H32	000629-62-9	90





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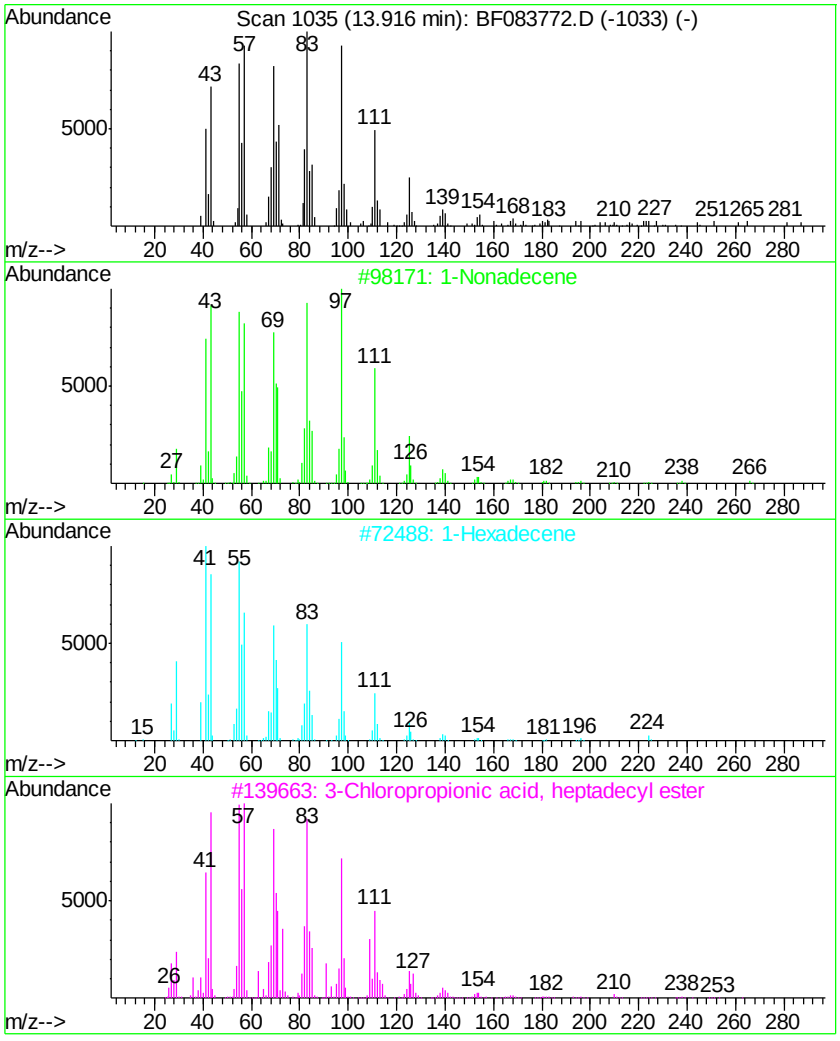
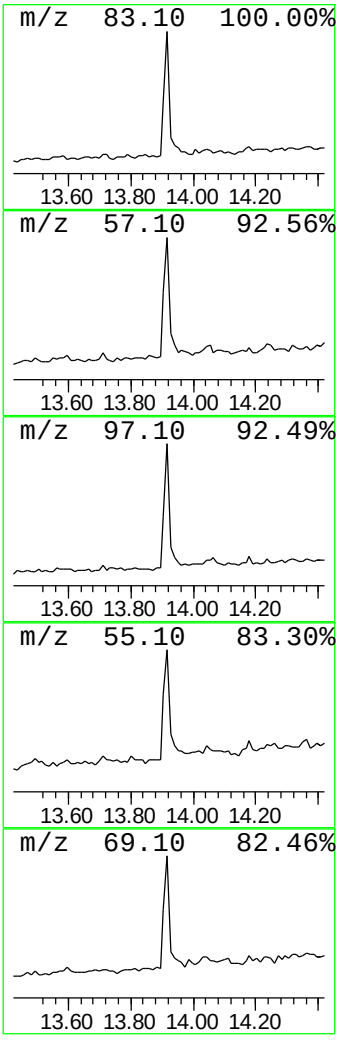
Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	6.09 ng	212797	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	1-Hexadecene	224	C16H32	000629-73-2	90
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87





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...	5.12	22.8	ng	808487	1	6.92	710121	20.0
unknown6.69	6.69	95.5	ng	3388890	1	6.92	710121	20.0
Hexanoic acid, 2-...	7.57	2.4	ng	100025	2	8.20	830522	20.0
Heptadecane	10.86	2.2	ng	84963	4	11.44	784380	20.0
1-Nonadecene	13.92	6.1	ng	212797	5	14.06	698847	20.0