LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096916.D
Acq On : 20 Jul 2017 20:09
Operator : SJ/JU
Sample : I4312-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11987

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-BF071317.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	2.798	136	138	146	rBV	50755	99630	3.98%	0.508%
2	4.739	463	468	478	rVB	174760	259538	10.36%	1.323%
3	5.181	538	543	546	rBV	2136297	2178913	86.99%	11.109%
4	6.228	716	721	724	rBV	2404502	2504891	100.00%	12.771%
5	6.345	736	741	744	rBV	2378582	2407023	96.09%	12.272%
6	6.569	775	779	787	rBV	739849	621143	24.80%	3.167%
7	6.728	801	806	809	rBV	1951421	1802328	71.95%	9.189%
8	6.751	809	810	821	rVB	37517	45000	1.80%	0.229%
9	7.133	870	875	878	rBV	1623161	1592207	63.56%	8.118%
10	7.269	888	898	902	rBV	62245	79445	3.17%	0.405%
11	7.769	979	983	988	rBV	33952	35080	1.40%	0.179%
12	7.851	993	997	1000	rBV	865401	702586	28.05%	3.582%
13	8.933	1175	1181	1184	rBV	2478897	2441333	97.46%	12.447%
14	9.063	1199	1203	1206	rVB	37016	35142	1.40%	0.179%
15	9.327	1244	1248	1251	rBV	473204	370149	14.78%	1.887%
16	9.598	1290	1294	1298	rBV	756784	627801	25.06%	3.201%
17	10.386	1423	1428	1431	rBV	1061753	988229	39.45%	5.039%
18	10.521	1448	1451	1458	rBV	43572	46442	1.85%	0.237%
19	11.074	1541	1545	1548	rBV	548848	457725	18.27%	2.334%
20	11.321	1584	1587	1590	rBV	59787	55338	2.21%	0.282%
21	12.657	1810	1814	1818	rBV	1317119	1254034	50.06%	6.394%
22	13.568	1965	1969	1974	rBV	73339	82637	3.30%	0.421%
23	13.698	1987	1991	1995	rBV	482546	455984	18.20%	2.325%
24	15.068	2219	2224	2230	rBV	430898	470680	18.79%	2.400%

Sum of corrected areas: 19613278

LSC Report - Integrated Chromatogram

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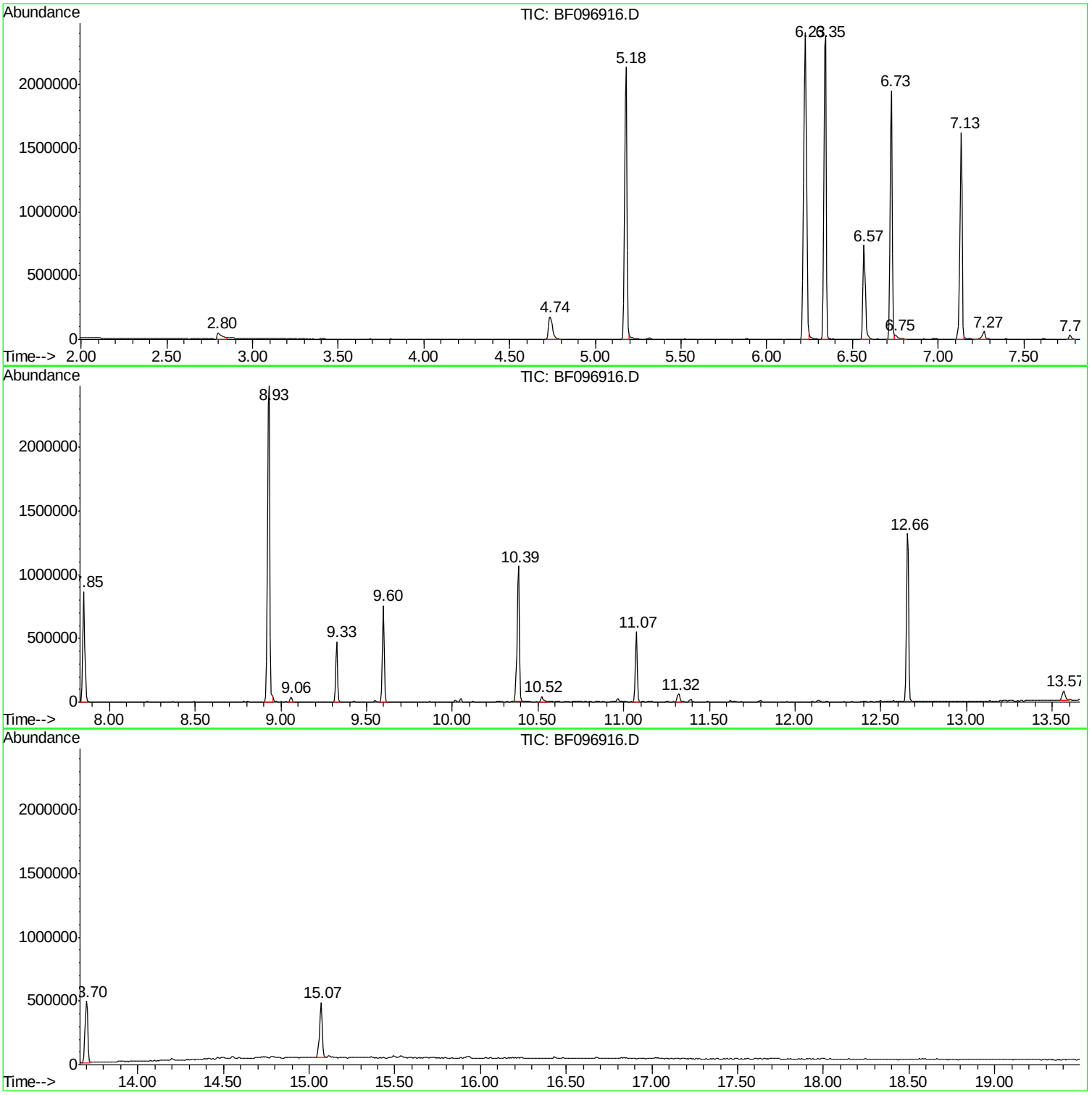
Instrument : BNA_F
ClientSampleId : 72-11987

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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TIC Integration Parameters: LSCINT.P

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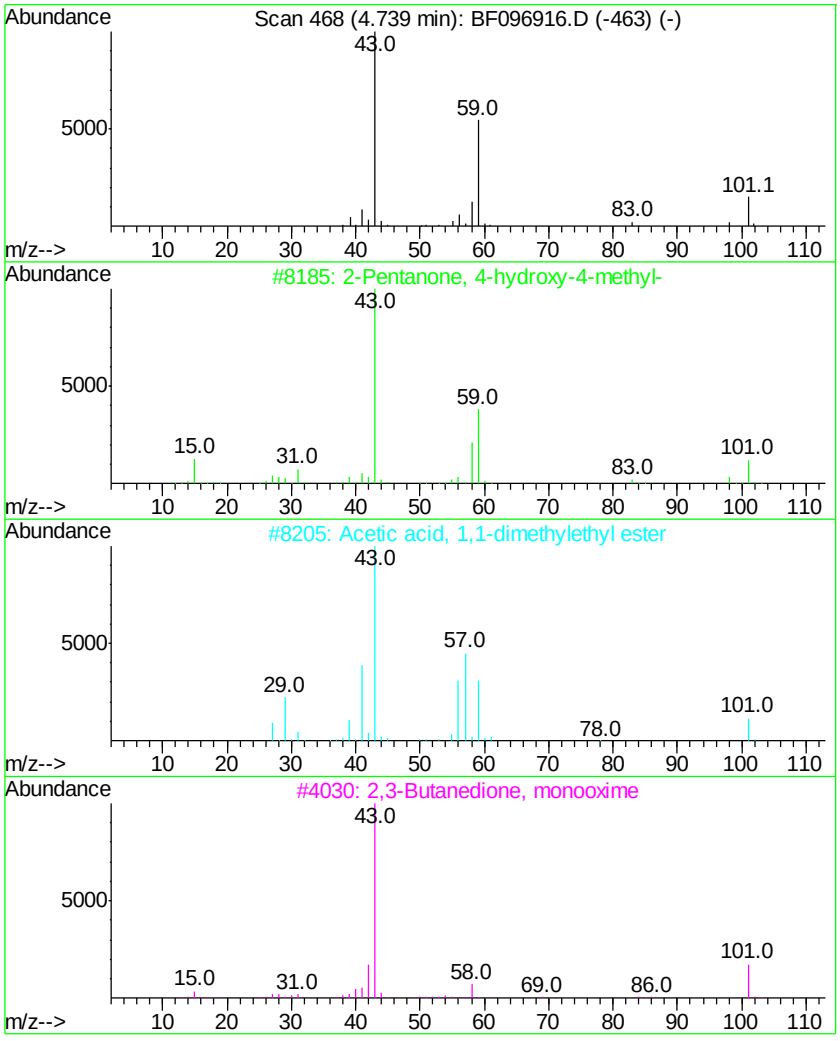
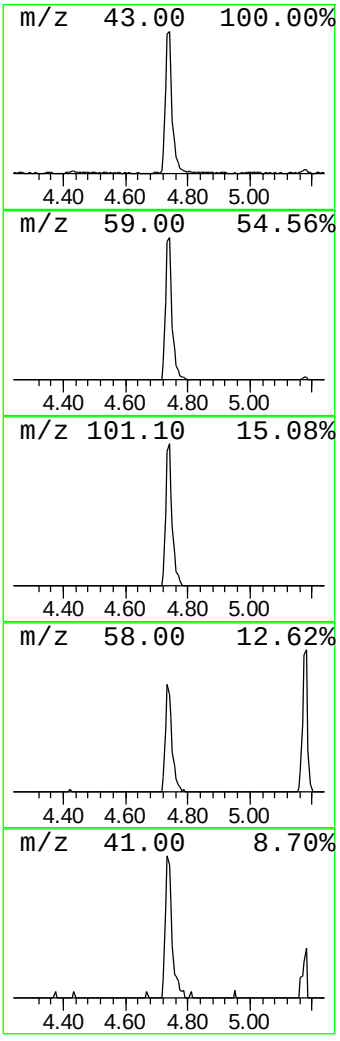
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	8.36 ng	259538	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 72-11987

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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TIC Library : C:\DATABASE\NIST11.L
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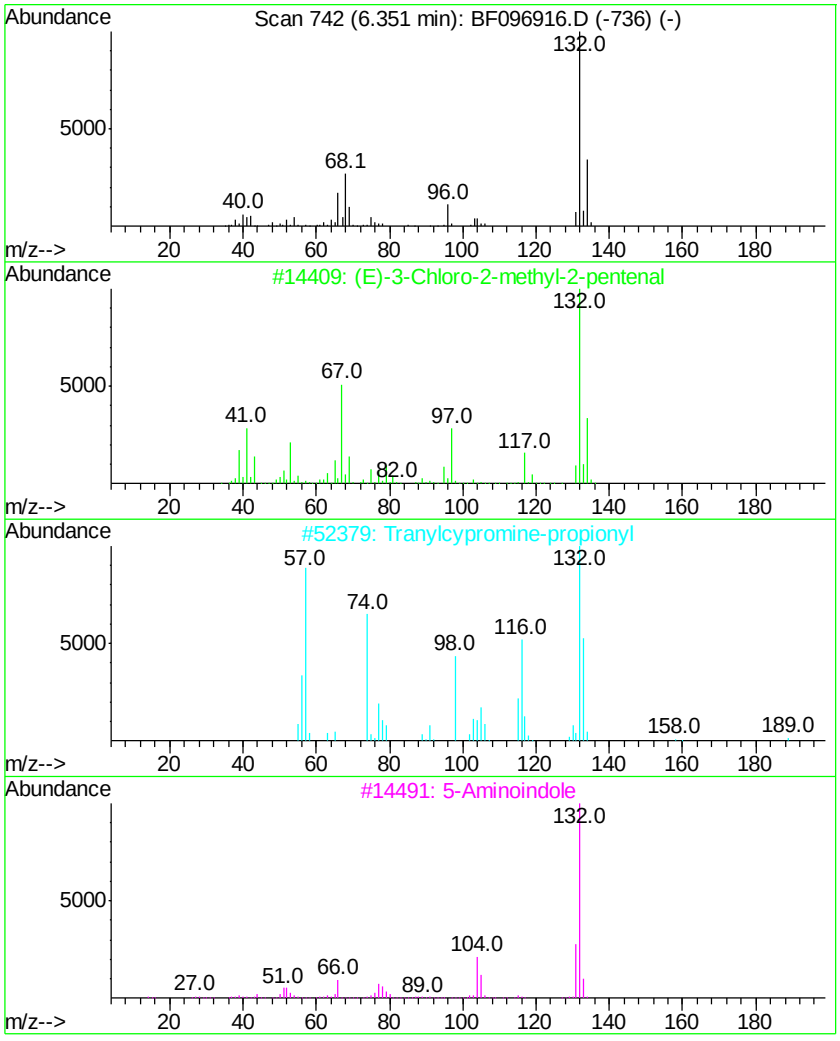
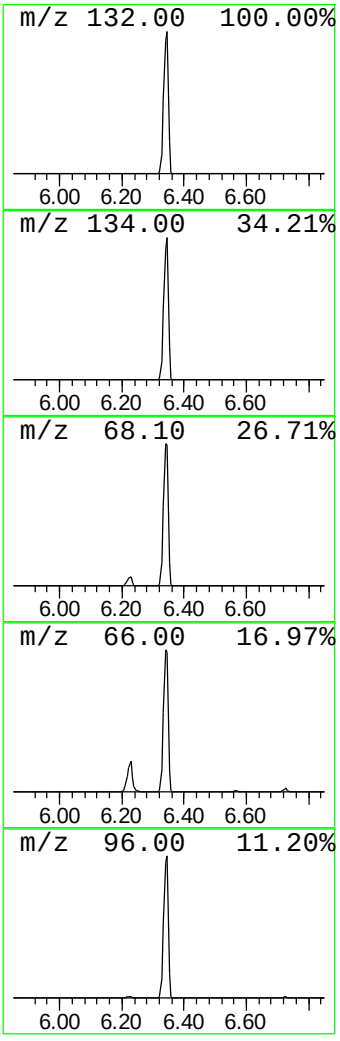
Peak Number 3 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	77.50 ng	2407020	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Misc :
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Instrument : BNA_F
ClientSampleId : 72-11987

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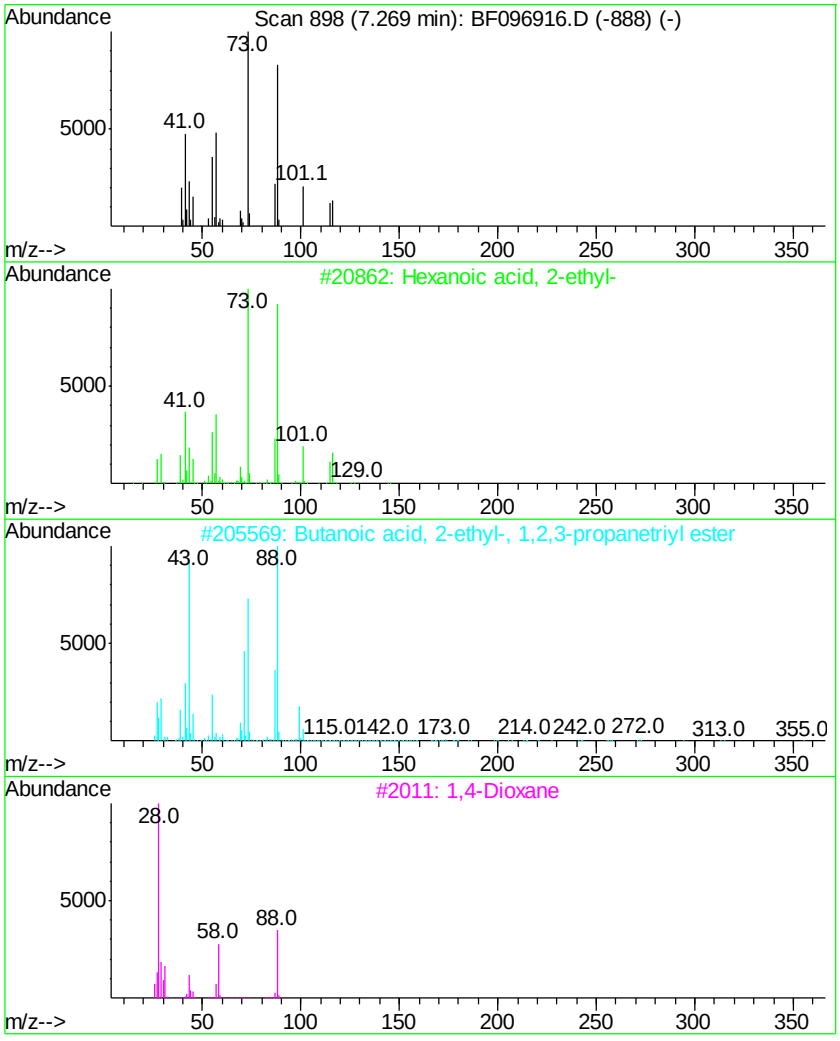
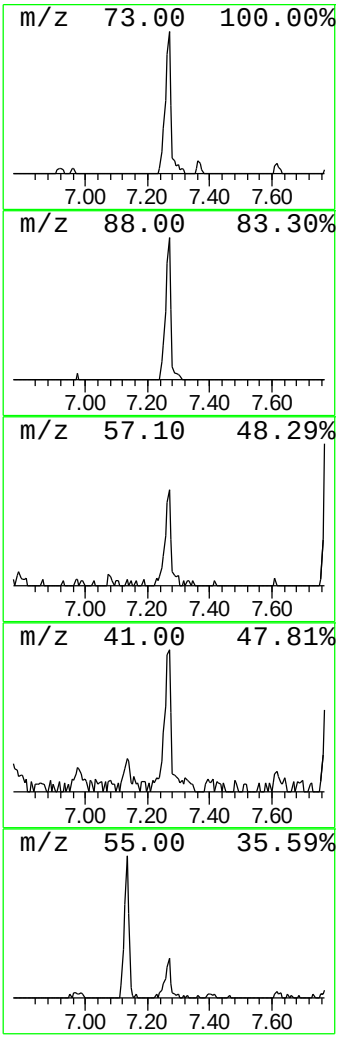
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	2.26 ng	79445	Naphthalene-d8	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3	1,4-Dioxane	88	C4H8O2	000123-91-1	37
4	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	33
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	25





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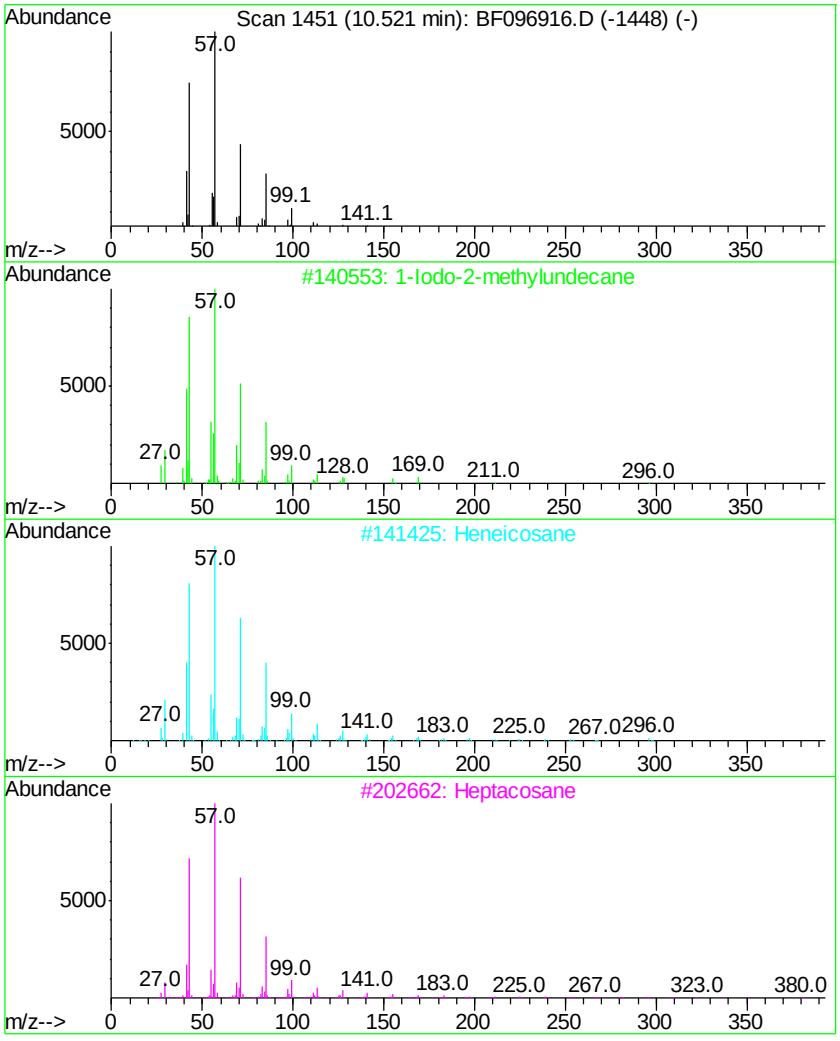
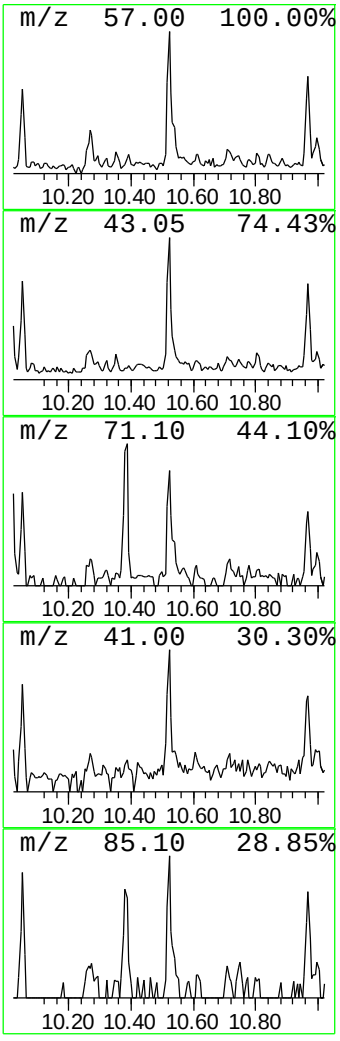
Peak Number 6 1-Iodo-2-methylundecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.03 ng	46442	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Octadecane	254	C18H38	000593-45-3	78
5	Hexadecane	226	C16H34	000544-76-3	78





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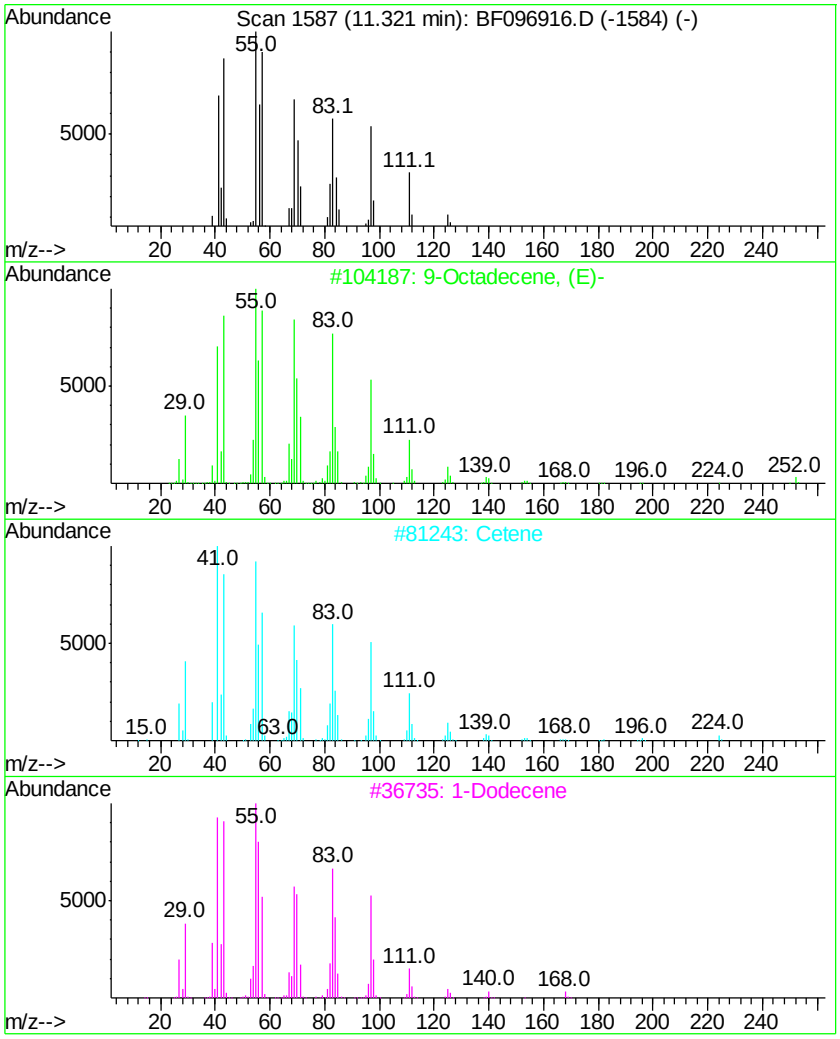
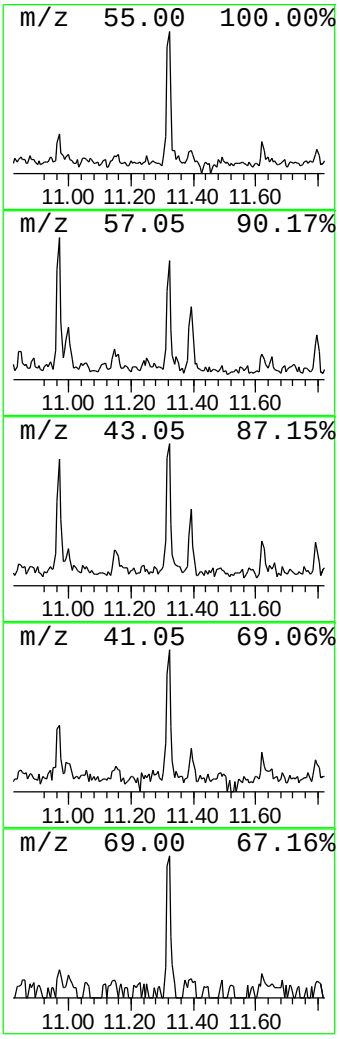
Peak Number 7 9-Octadecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.42 ng	55338	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2	Cetene	224	C16H32	000629-73-2	91
3	1-Dodecene	168	C12H24	000112-41-4	86
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	86
5	1-Tridecene	182	C13H26	002437-56-1	86





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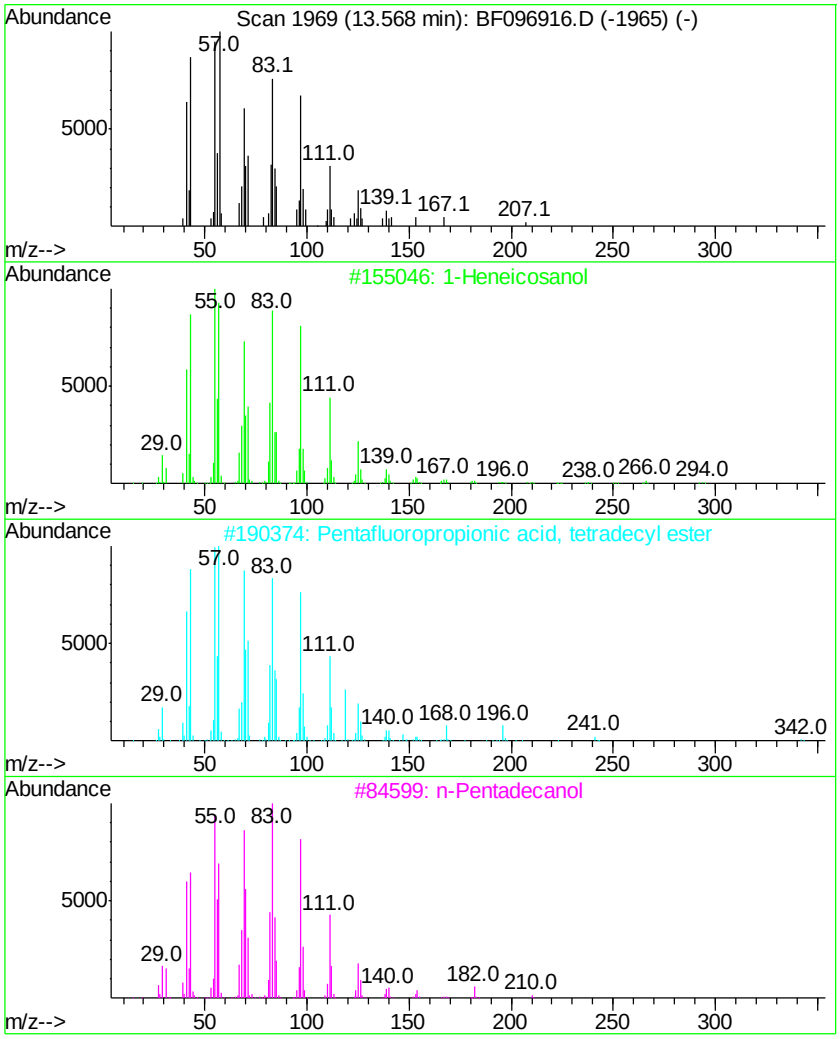
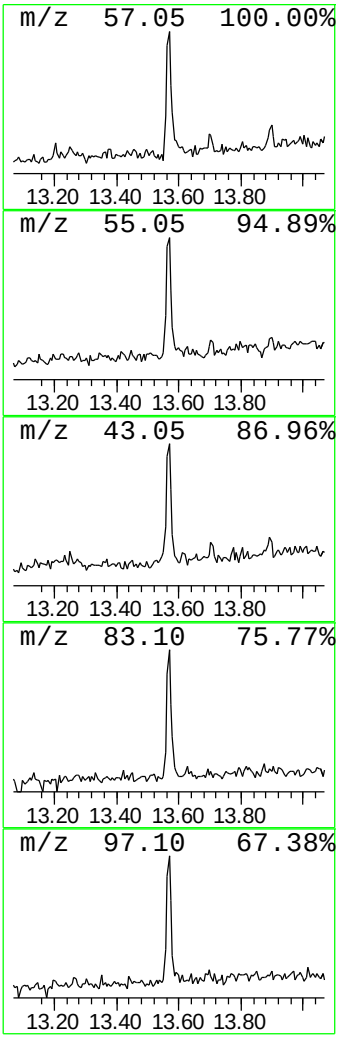
Peak Number 8 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	3.62 ng	82637	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91
3	n-Pentadecanol	228	C15H32O	000629-76-5	91
4	Octacosanol	410	C28H58O	000557-61-9	90
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90





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...	4.74	8.4	ng	259538	1	6.57	621143	20.0
unknown6.35	6.35	77.5	ng	2407020	1	6.57	621143	20.0
Hexanoic acid, 2-...	7.27	2.3	ng	79445	2	7.85	702586	20.0
1-Iodo-2-methylun...	10.52	2.0	ng	46442	4	11.07	457725	20.0
9-Octadecene, (E)-	11.32	2.4	ng	55338	4	11.07	457725	20.0
1-Heneicosanol	13.57	3.6	ng	82637	5	13.70	455984	20.0