LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091101.D
Acq On : 9 Nov 2016 00:02
Operator : UM/SJ
Sample : H5537-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF015-01

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-BF110316.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	1.756	4	6	31	rVB	3827079	9195822	100.00%	17.678%
2	2.064	31	33	59	rVB2	108218	565124	6.15%	1.086%
3	4.807	271	273	286	rBV	702751	1092958	11.89%	2.101%
4	5.253	310	312	315	rBV	3777853	4149240	45.12%	7.976%
5	6.316	402	405	408	rBV	3550232	4556348	49.55%	8.759%
6	6.430	413	415	418	rBV	4372518	4355885	47.37%	8.374%
7	6.659	433	435	441	rBV	1182041	1140676	12.40%	2.193%
8	6.819	446	449	451	rBV	3774239	3753015	40.81%	7.215%
9	7.230	483	485	488	rBV	2570580	2618814	28.48%	5.034%
10	7.950	546	548	550	rBV	1432655	1426966	15.52%	2.743%
11	9.025	640	642	645	rBV	4527614	4357942	47.39%	8.378%
12	9.425	675	677	679	rBV	958146	792885	8.62%	1.524%
13	9.699	698	701	703	rBV	1442897	1549431	16.85%	2.979%
14	10.488	767	770	772	rBV	2727053	2795448	30.40%	5.374%
15	10.614	779	781	785	rBV	144719	193673	2.11%	0.372%
16	11.059	816	820	821	rBV	151769	160951	1.75%	0.309%
17	11.174	828	830	831	rVV	1438112	1231562	13.39%	2.368%
18	11.482	855	857	860	rVB	139107	121901	1.33%	0.234%
19	12.385	934	936	938	rBV	283819	327412	3.56%	0.629%
20	12.602	953	955	958	rBV	234037	328133	3.57%	0.631%
21	12.762	966	969	971	rBV	3918838	3603185	39.18%	6.927%
22	13.665	1046	1048	1052	rBV	264440	320724	3.49%	0.617%
23	13.802	1057	1060	1067	rBV	1154866	1397944	15.20%	2.687%
24	14.294	1101	1103	1109	rBV2	112778	219851	2.39%	0.423%
25	14.808	1145	1148	1151	rBV	138654	286017	3.11%	0.550%
26	15.071	1169	1171	1174	rVB	80970	106999	1.16%	0.206%
27	15.128	1174	1176	1178	rBV	116015	148527	1.62%	0.286%
28	15.185	1178	1181	1183	rBV	654121	901108	9.80%	1.732%
29	15.597	1215	1217	1219	rBV	59499	99247	1.08%	0.191%
30	15.643	1219	1221	1225	rVV3	63667	120834	1.31%	0.232%
31	16.466	1291	1293	1297	rVB2	57121	100508	1.09%	0.193%

Sum of corrected areas: 52019130

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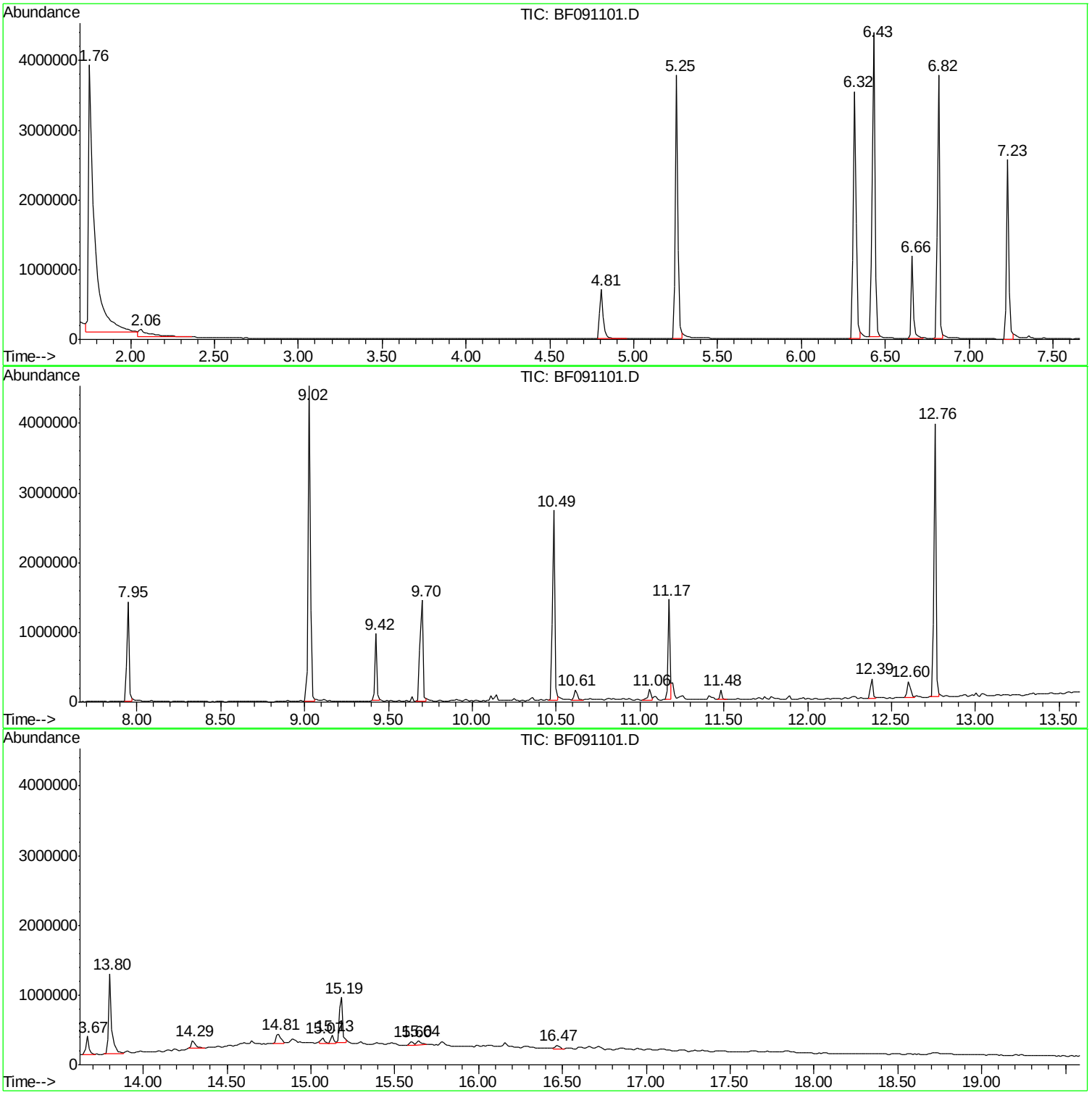
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
V001-BF015-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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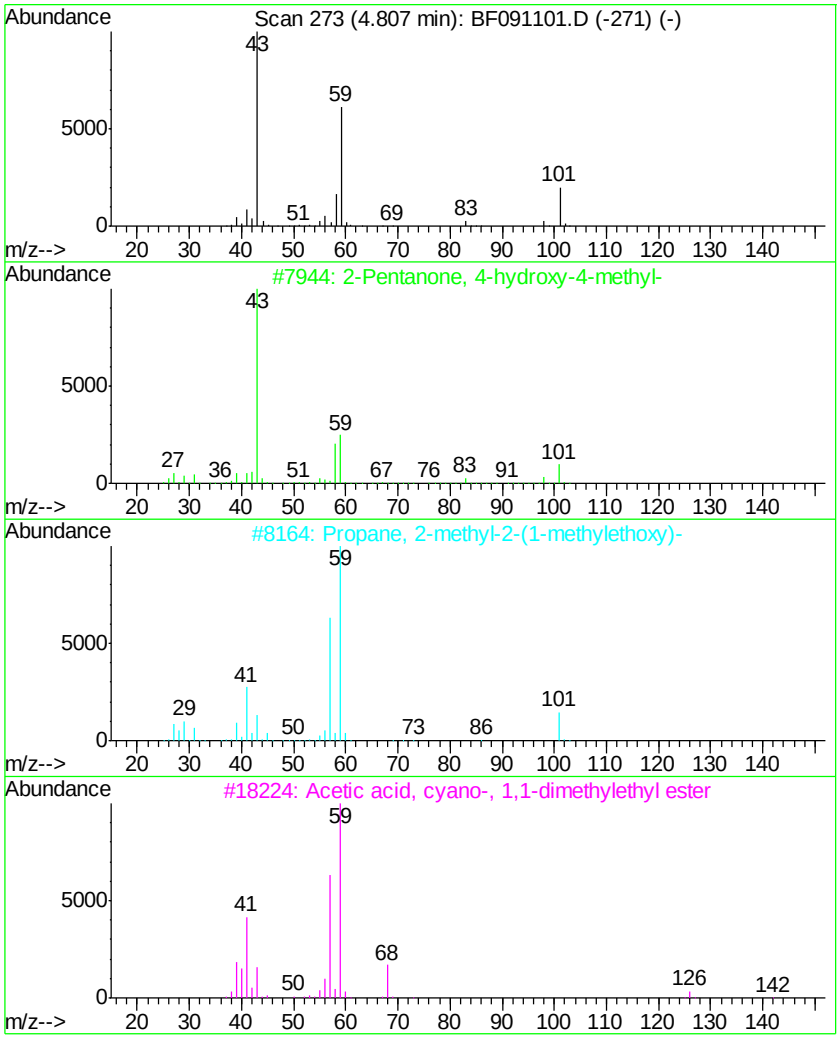
TIC Integration Parameters: LSCINT.P

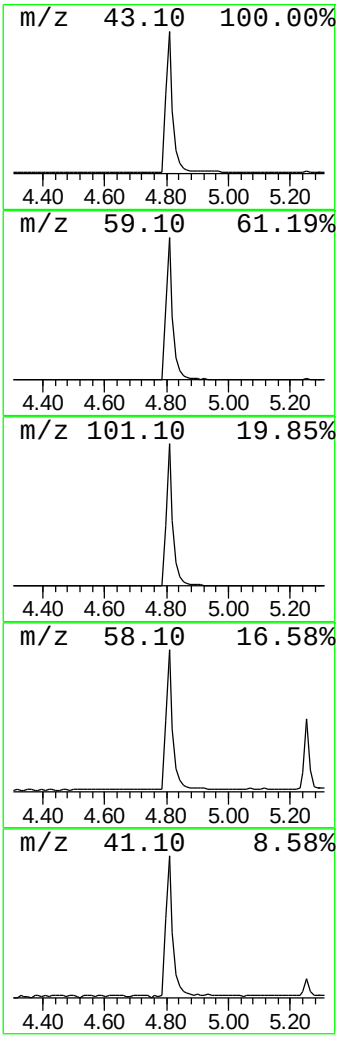
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	19.16 ng	1092960	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





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Sample : H5537-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF015-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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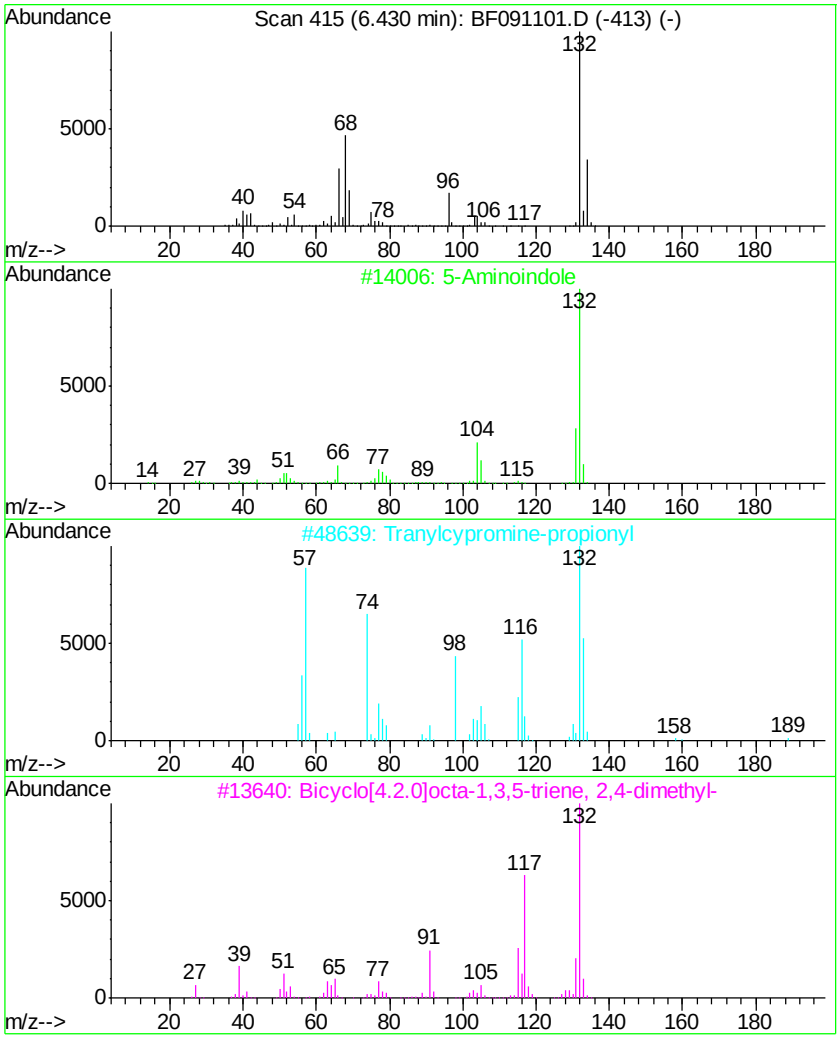
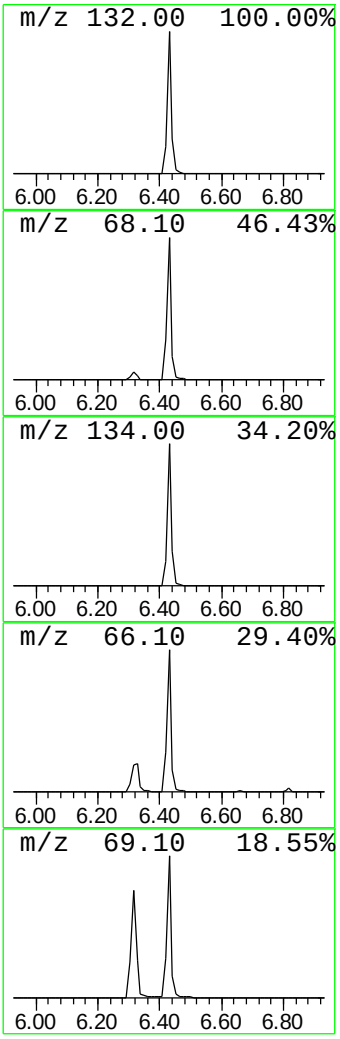
****

Peak Number 4 unknown6.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	76.37 ng	4355890	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : V001-BF015-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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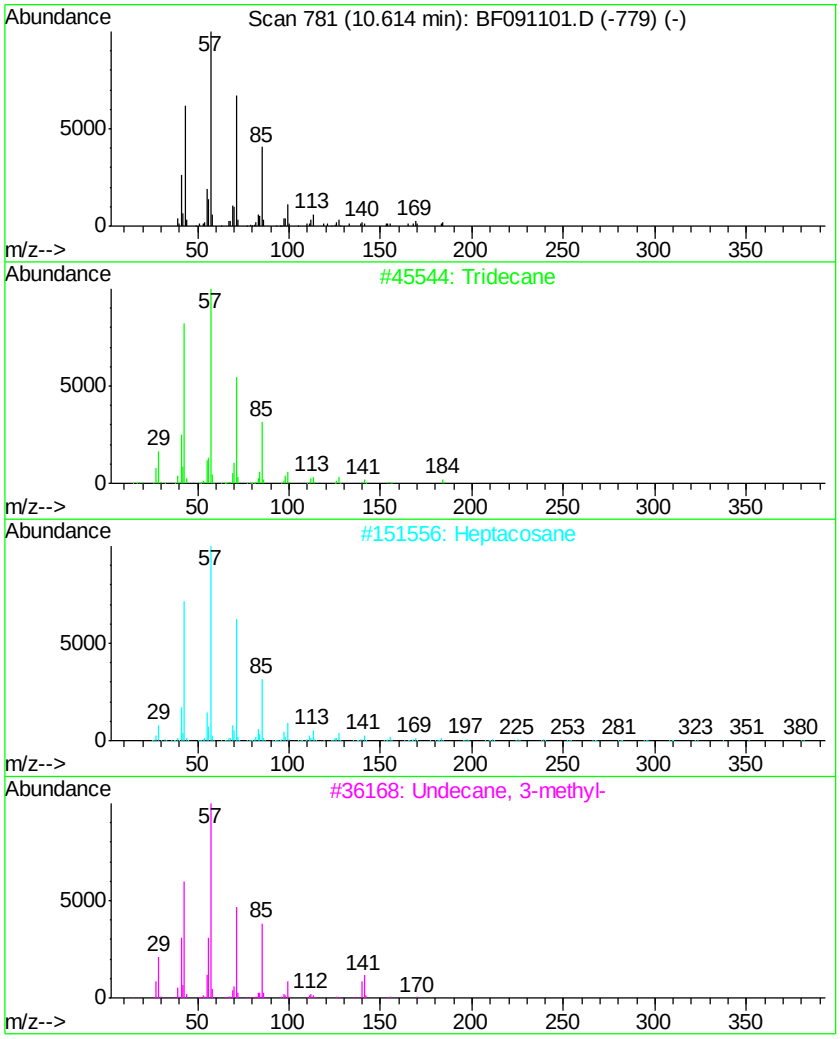
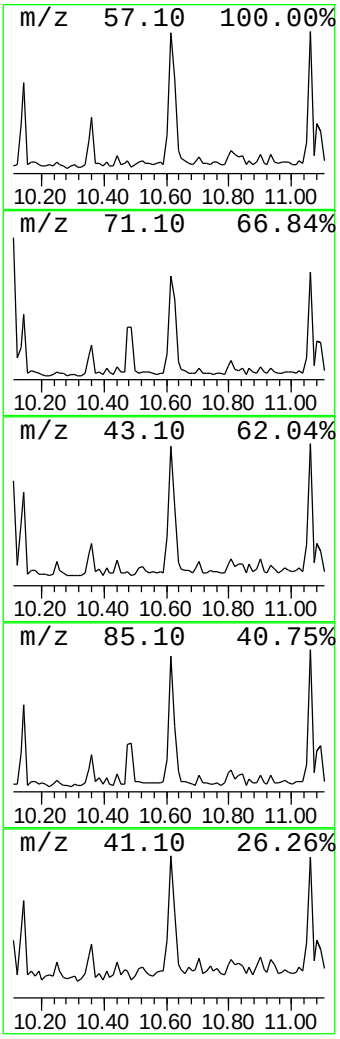
Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.15 ng	193673	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Heptacosane	380	C27H56	000593-49-7	90
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Instrument : BNA_F
ClientSampleId : V001-BF015-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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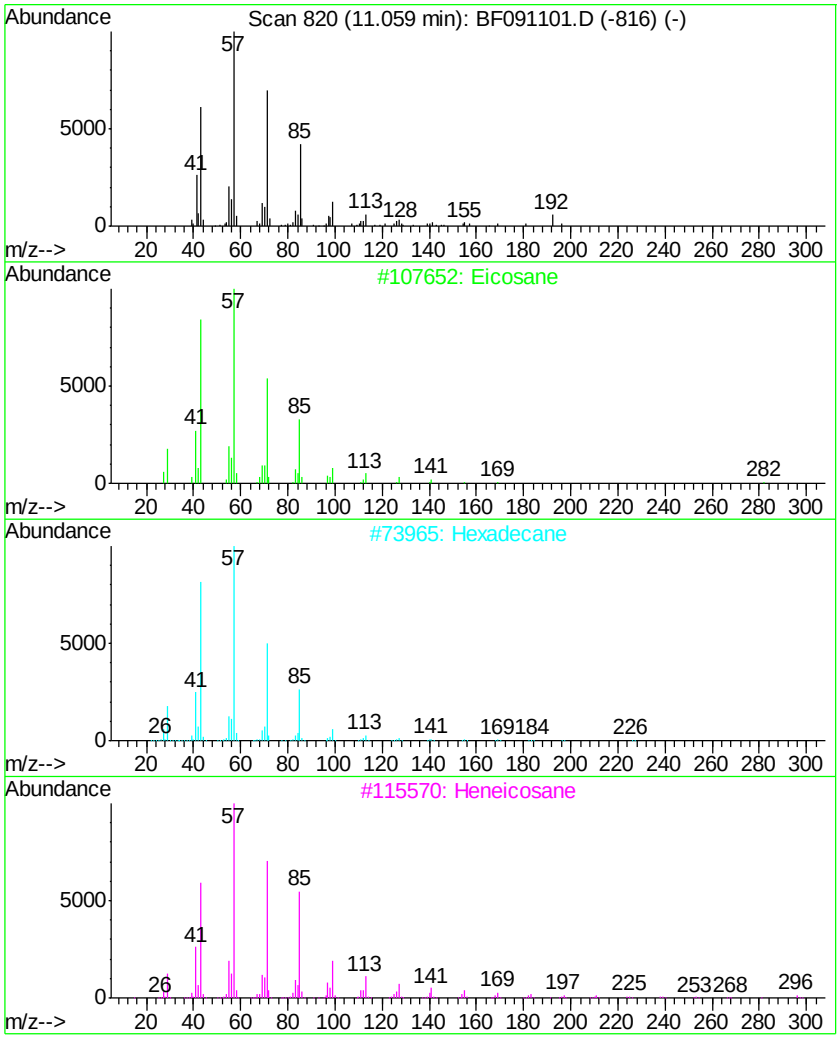
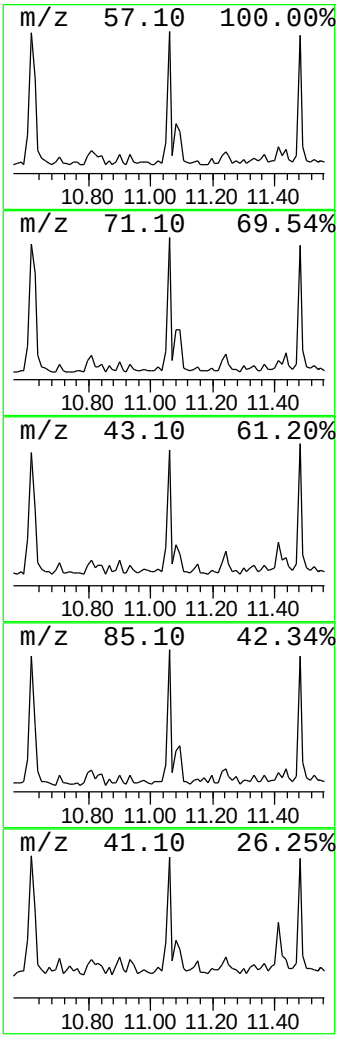
****

Peak Number 7 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.61 ng	160951	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87





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Operator : UM/SJ
Sample : H5537-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF015-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
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TIC Library : C:\DATABASE\NIST02.L
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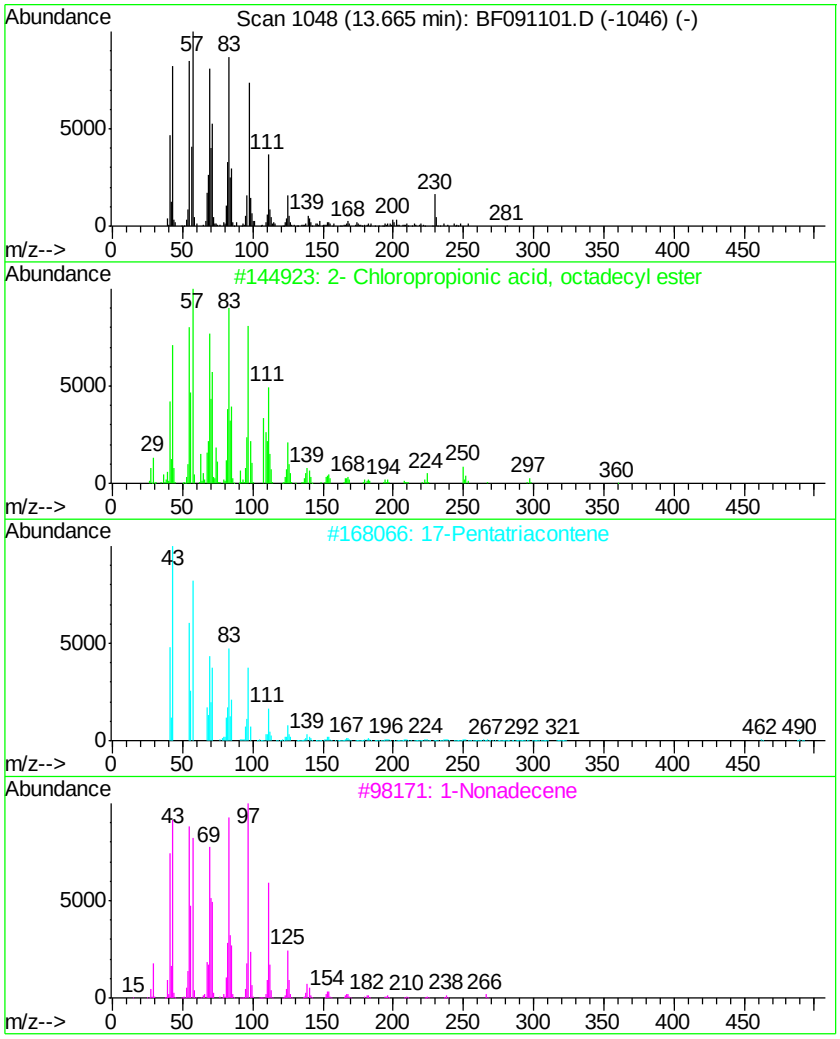
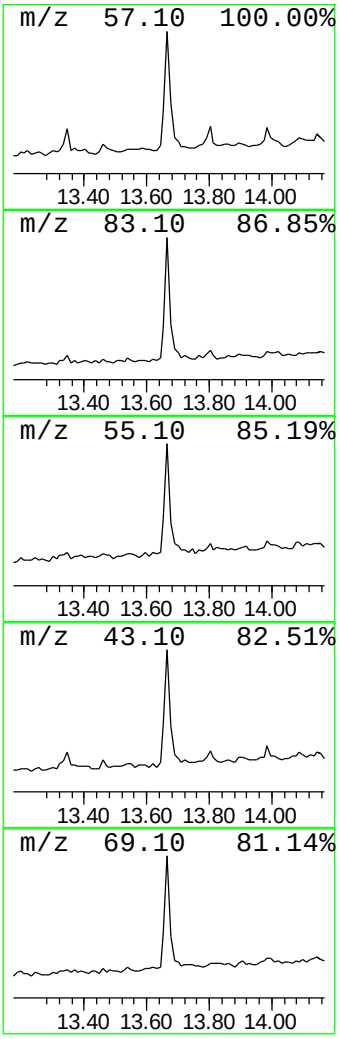
****

Peak Number 8 2- Chloropropionic acid, oc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.59 ng	320724	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





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TIC Library : C:\DATABASE\NIST02.L
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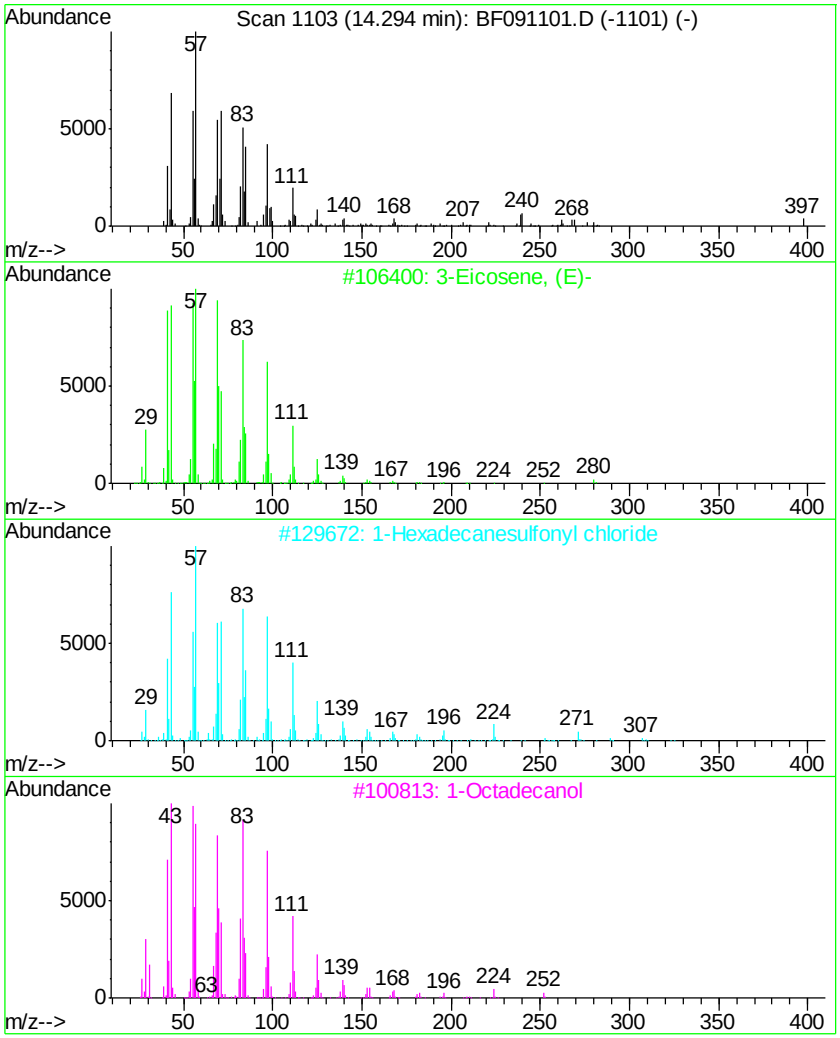
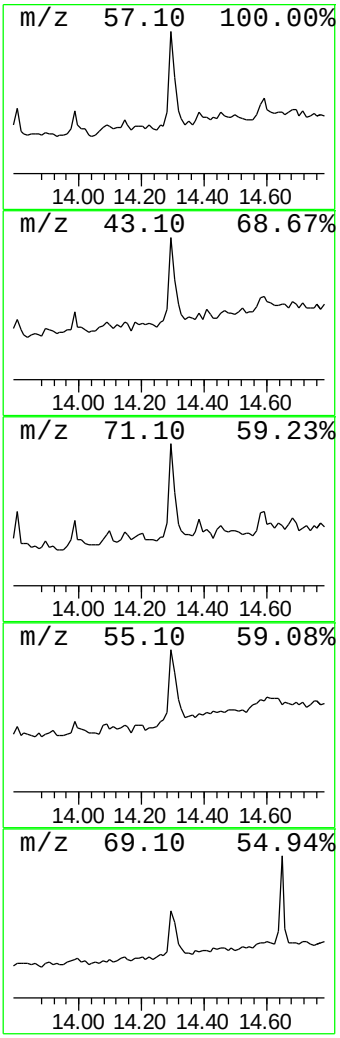
Peak Number 9 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	3.15 ng	219851	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	80
3	1-Octadecanol	270	C18H38O	000112-92-5	60
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	60
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

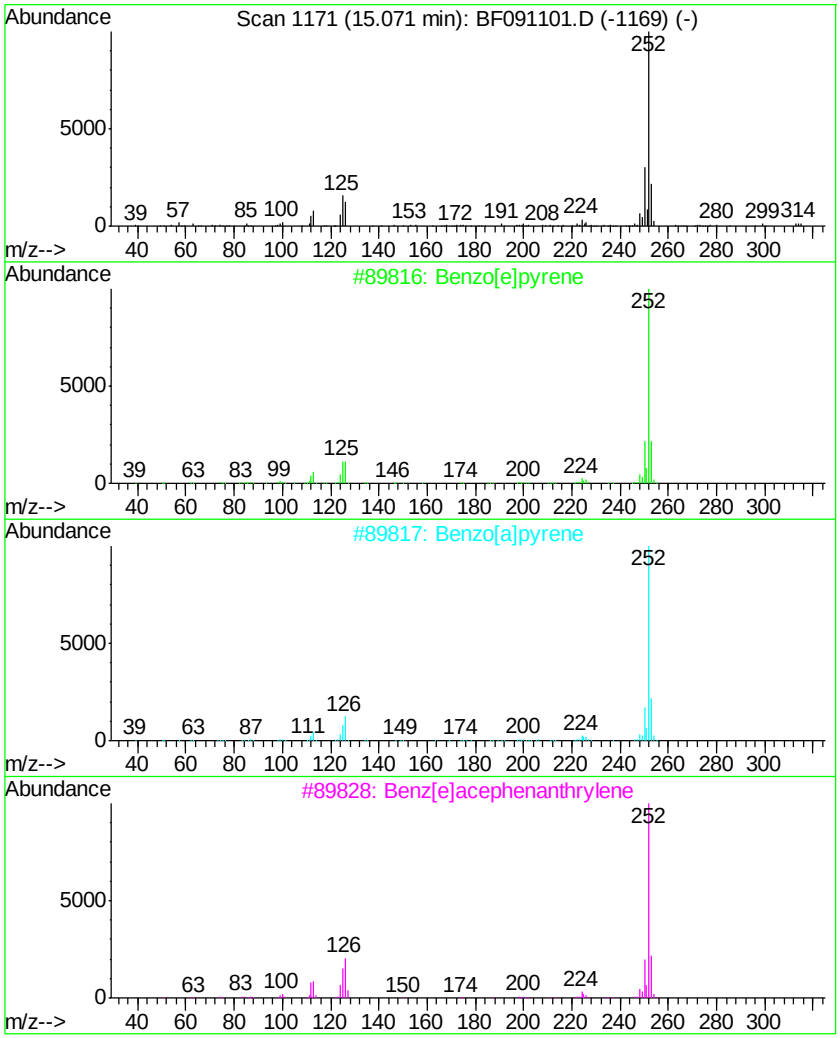
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

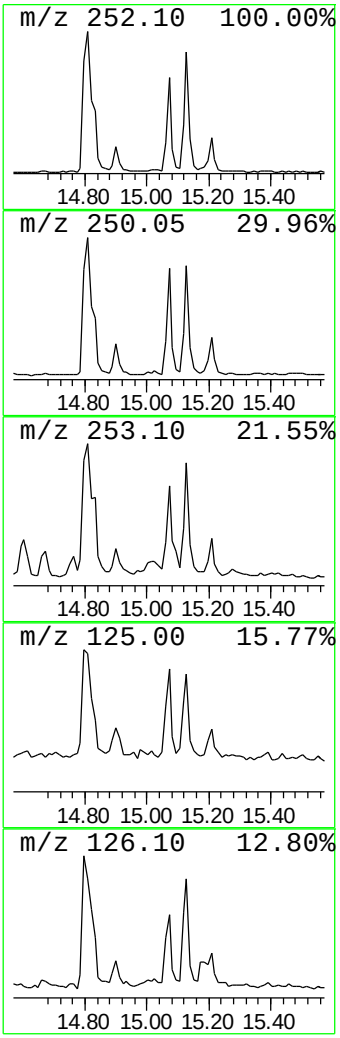
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.37 ng	106999	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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TIC Library : C:\DATABASE\NIST02.L
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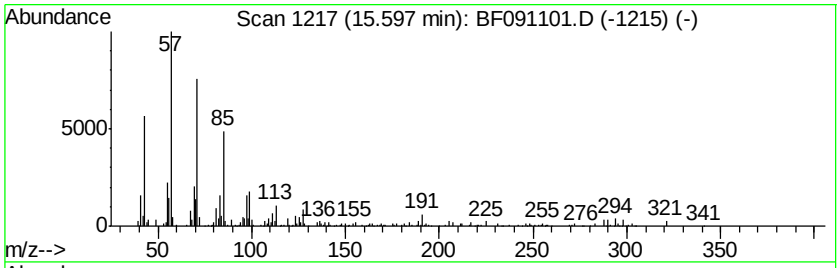
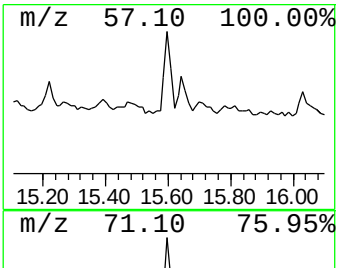
****

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.20 ng	99247	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Octacosane	394	C28H58	000630-02-4	86





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

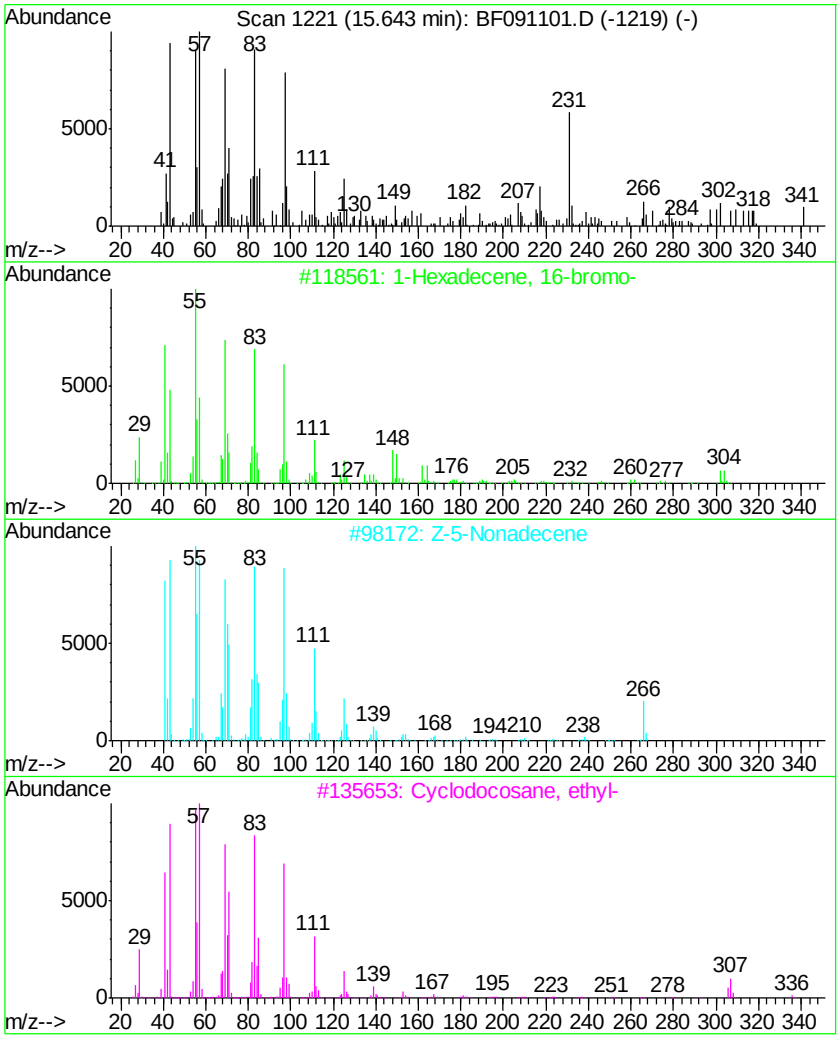
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

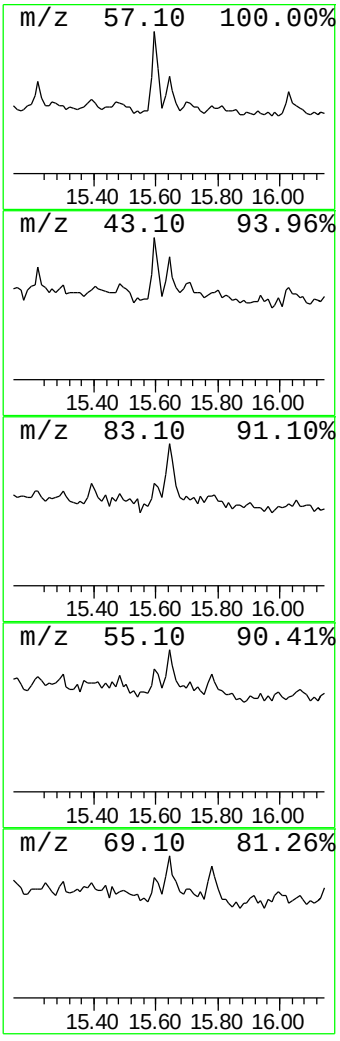
****

Peak Number 12 1-Hexadecene, 16-bromo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.68 ng	120834	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	86
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	62
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	52
4	9-Nonadecene	266	C19H38	031035-07-1	46
5	1-Iododec-1-ene	266	C10H19I	1000192-68-7	46





Tentatively Identified Compound (LSC) summary

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Data File : BF091101.D
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Misc :
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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...	4.81	19.2	ng	1092960	1	6.66	1140680	20.0
unknown6.43	6.43	76.4	ng	4355890	1	6.66	1140680	20.0
Tridecane	10.61	3.1	ng	193673	4	11.17	1231560	20.0
Eicosane	11.06	2.6	ng	160951	4	11.17	1231560	20.0
2- Chloropropioni...	13.67	4.6	ng	320724	5	13.80	1397940	20.0
3-Eicosene, (E)-	14.29	3.1	ng	219851	5	13.80	1397940	20.0
Benzo[e]pyrene	15.07	2.4	ng	106999	6	15.19	901108	20.0
Heptadecane, 2,6,...	15.60	2.2	ng	99247	6	15.19	901108	20.0
1-Hexadecene, 16-...	15.64	2.7	ng	120834	6	15.19	901108	20.0