LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107787.D
Acq On : 28 Jul 2018 10:30
Operator : JU/SJ
Sample : J4199-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A11

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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	5.189	482	485	496	rBV	135550	163329	4.17%	0.595%
2	5.595	551	554	582	rBV	569318	1140698	29.12%	4.158%
3	6.601	722	725	744	rBV	360920	998418	25.49%	3.639%
4	6.736	744	748	772	rVV	2197498	3008408	76.79%	10.965%
5	6.966	783	787	793	rBV	417844	656158	16.75%	2.392%
6	7.119	809	813	815	rBV	2336948	2706190	69.08%	9.863%
7	7.136	815	816	837	rVB	1145148	1135774	28.99%	4.140%
8	7.531	879	883	906	rBV	1246530	2229090	56.90%	8.124%
9	7.972	954	958	964	rBV	70622	84330	2.15%	0.307%
10	8.242	1000	1004	1027	rBV	708052	1088552	27.79%	3.967%
11	9.054	1138	1142	1151	rBV	118272	149922	3.83%	0.546%
12	9.313	1182	1186	1202	rBV	3207465	3917599	100.00%	14.279%
13	9.707	1249	1253	1262	rBV	284633	289163	7.38%	1.054%
14	10.001	1299	1303	1307	rBV	897629	930462	23.75%	3.391%
15	10.030	1307	1308	1316	rVB	126427	132186	3.37%	0.482%
16	10.795	1434	1438	1452	rBV	1590760	2085843	53.24%	7.602%
17	11.495	1553	1557	1570	rBV	669262	959223	24.48%	3.496%
18	12.001	1640	1643	1650	rBV3	67440	91989	2.35%	0.335%
19	13.077	1822	1826	1842	rBV	2610772	3212815	82.01%	11.710%
20	13.954	1972	1975	1984	rBV	168259	194106	4.95%	0.707%
21	14.148	2004	2008	2025	rBV	785613	1080240	27.57%	3.937%
22	14.359	2042	2044	2051	rVB4	37208	56789	1.45%	0.207%
23	14.577	2079	2081	2091	rVB3	42257	73664	1.88%	0.268%
24	14.901	2132	2136	2140	rVB	59855	70992	1.81%	0.259%
25	15.248	2192	2195	2199	rBV	63795	74371	1.90%	0.271%
26	15.683	2264	2269	2278	rVB	437235	763935	19.50%	2.784%
27	16.112	2338	2342	2349	rVB2	54252	83024	2.12%	0.303%
28	16.642	2428	2432	2436	rBV2	35697	59722	1.52%	0.218%

Sum of corrected areas: 27436992

LSC Report - Integrated Chromatogram

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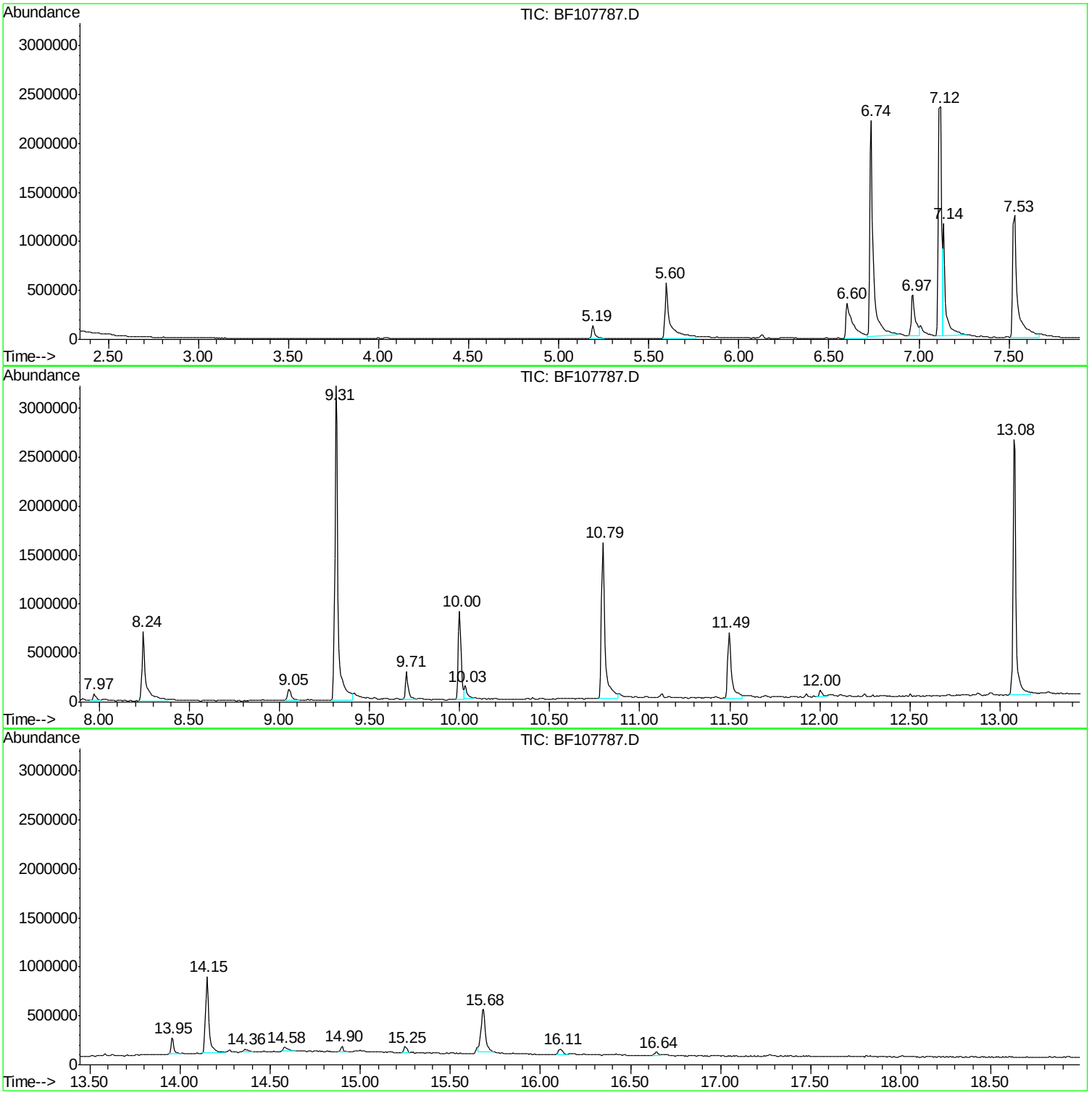
Instrument : BNA_F
ClientSampleId : MW-A11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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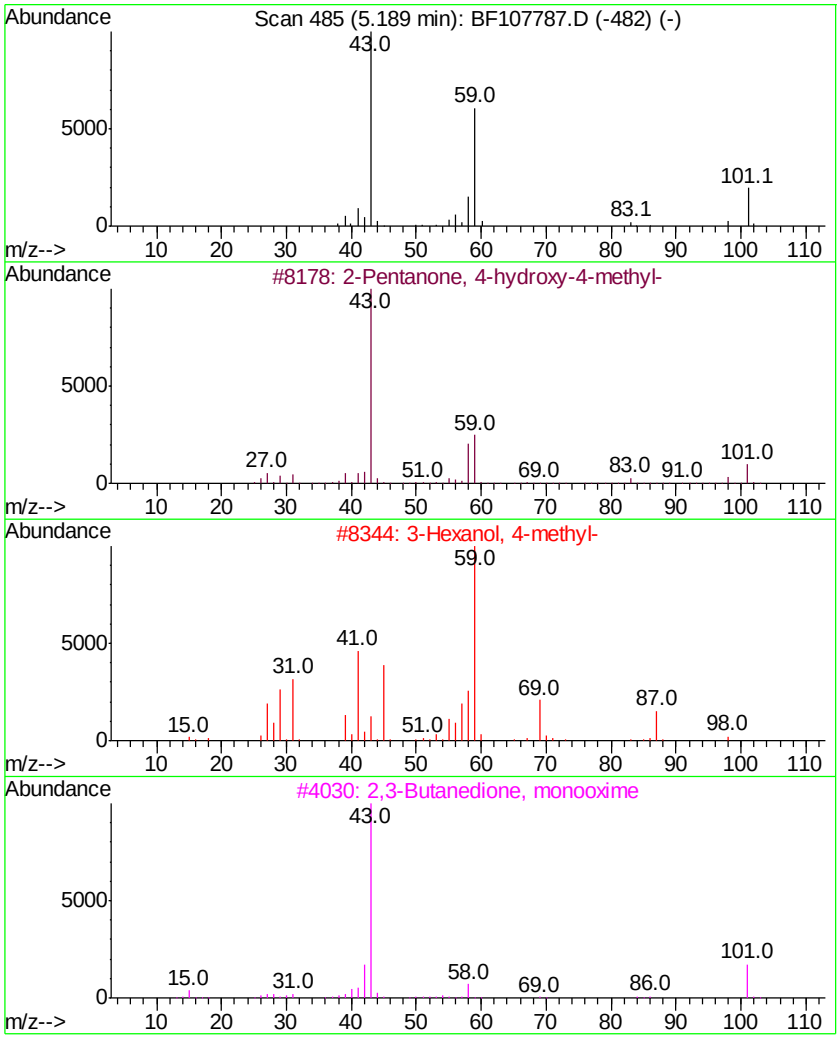
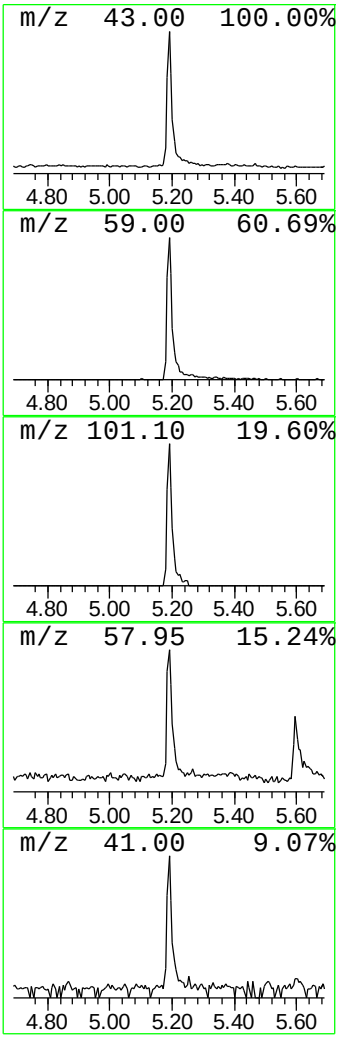
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.98 ng	163329	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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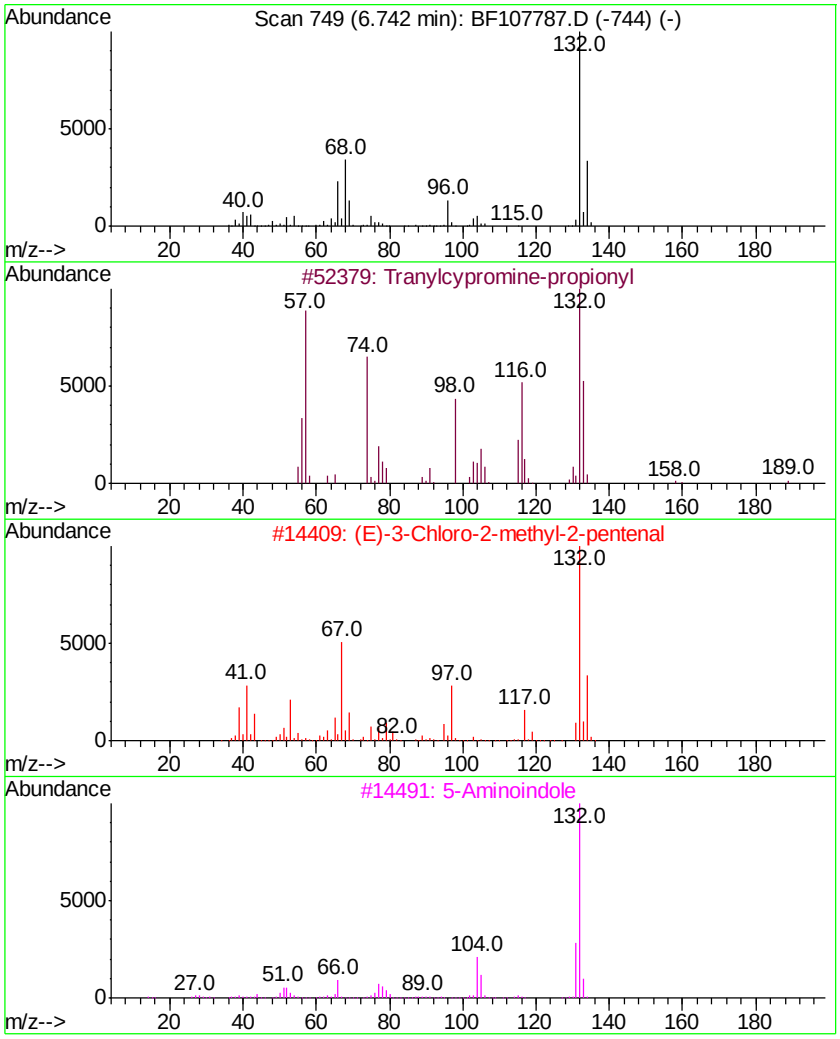
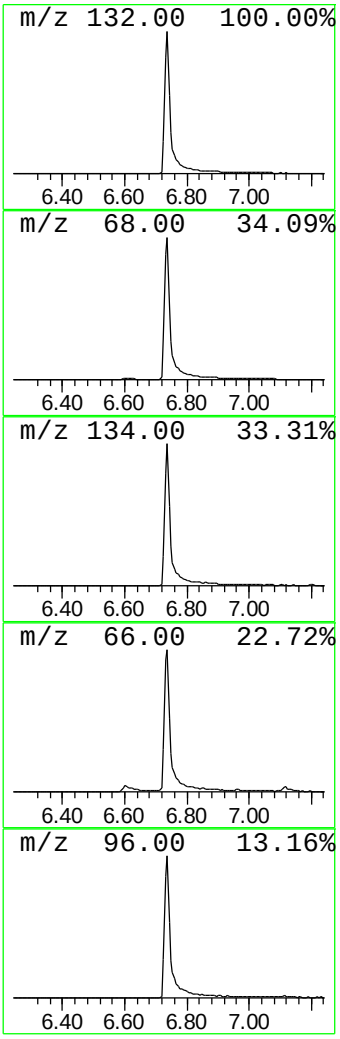
Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	91.70 ng	3008410	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-A11

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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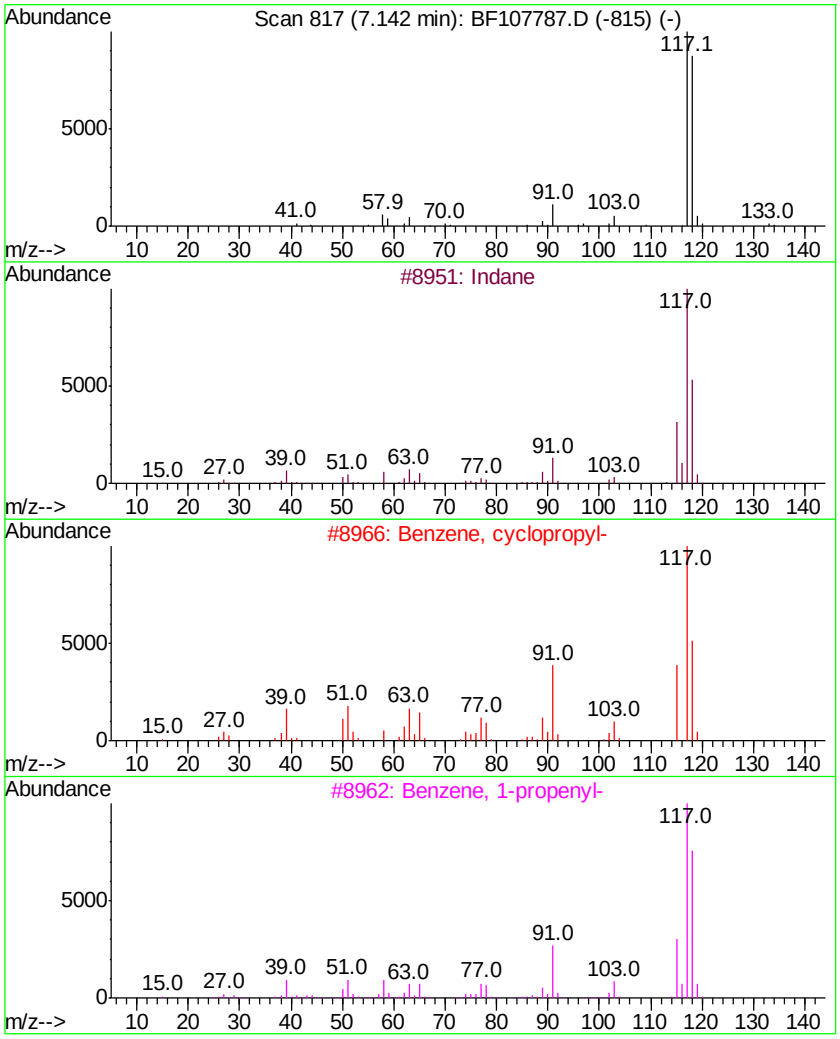
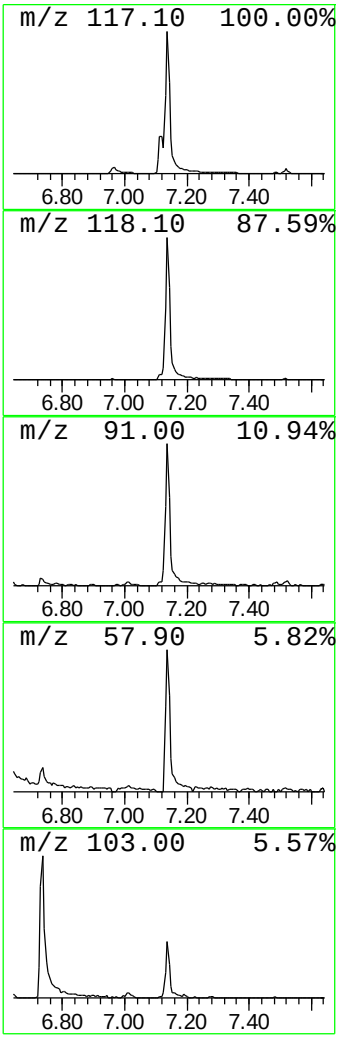
Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	34.62 ng	1135770	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	80
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59





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Instrument : BNA_F
ClientSampleId : MW-A11

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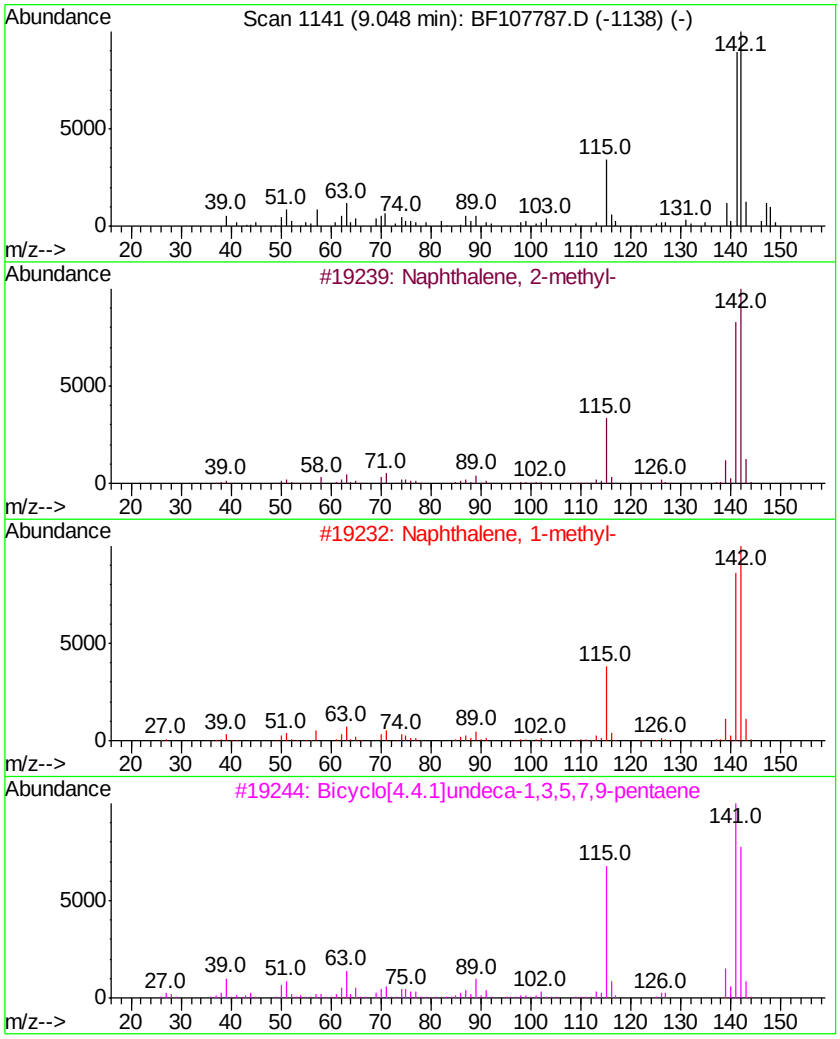
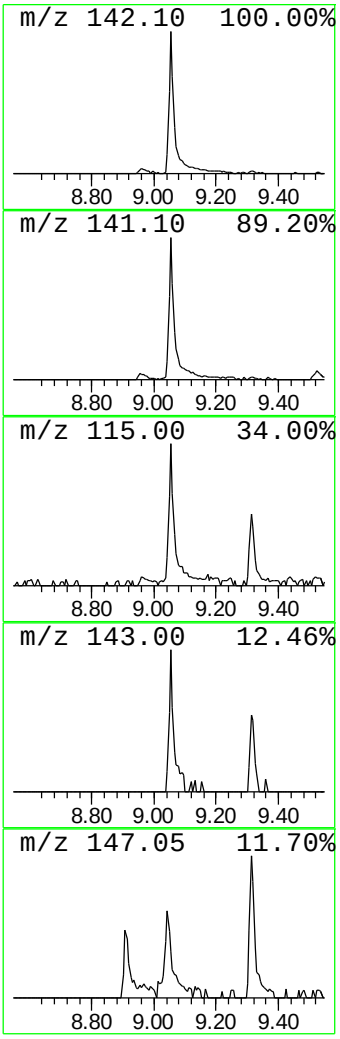
Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.75 ng	149922	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Instrument : BNA_F
ClientSampleId : MW-A11

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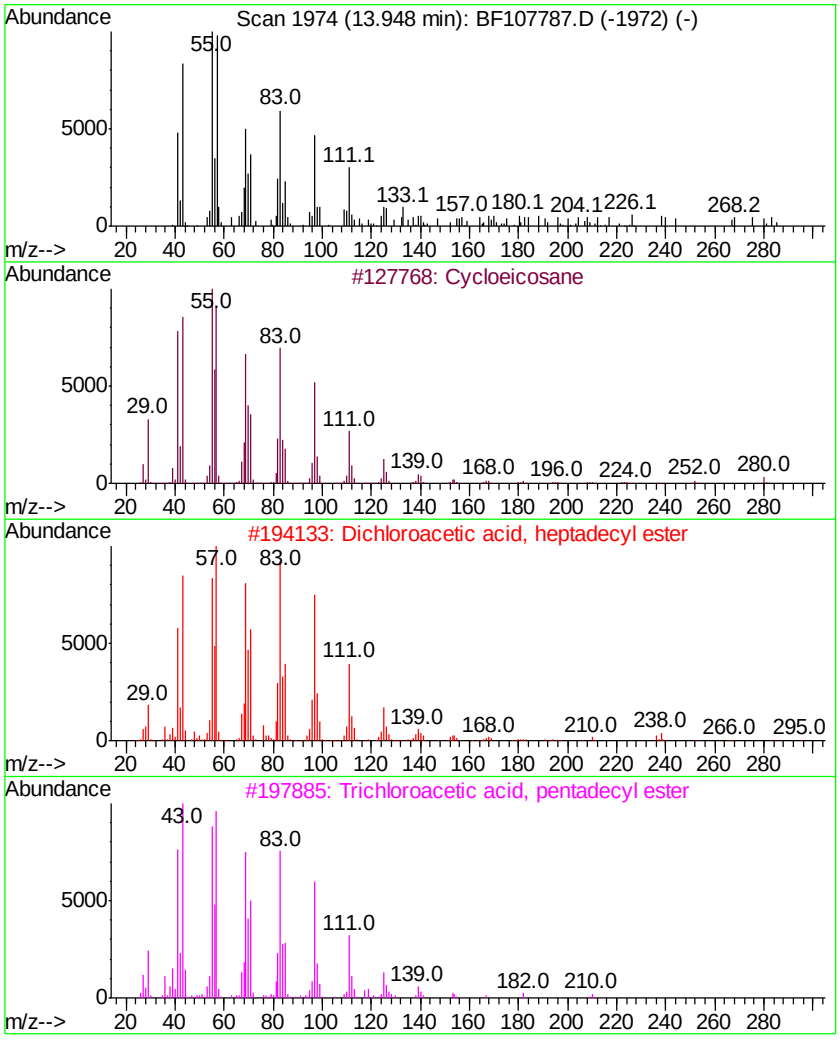
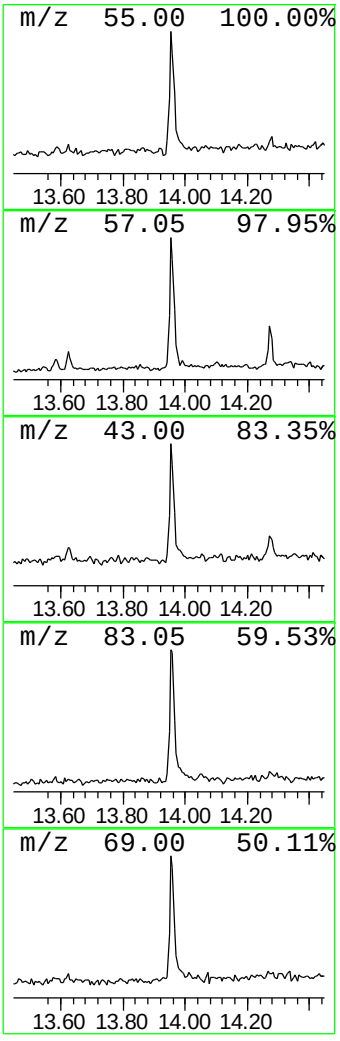
****

Peak Number 6 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.59 ng	194106	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	96
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94





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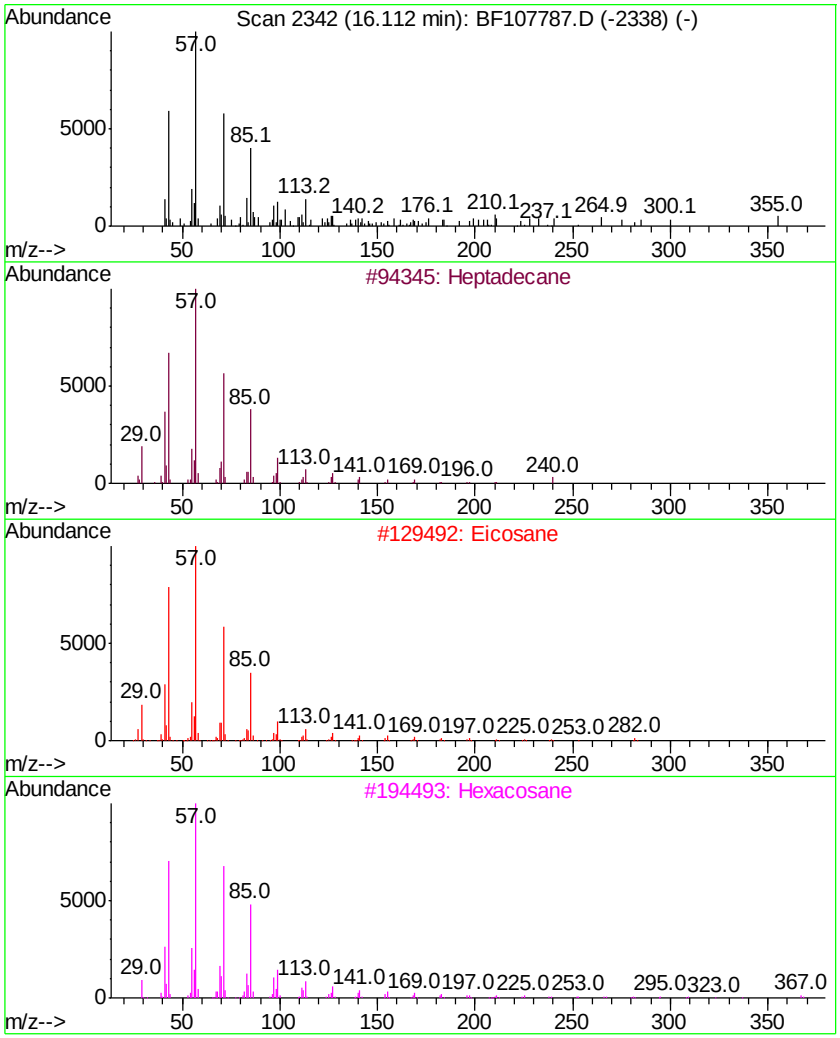
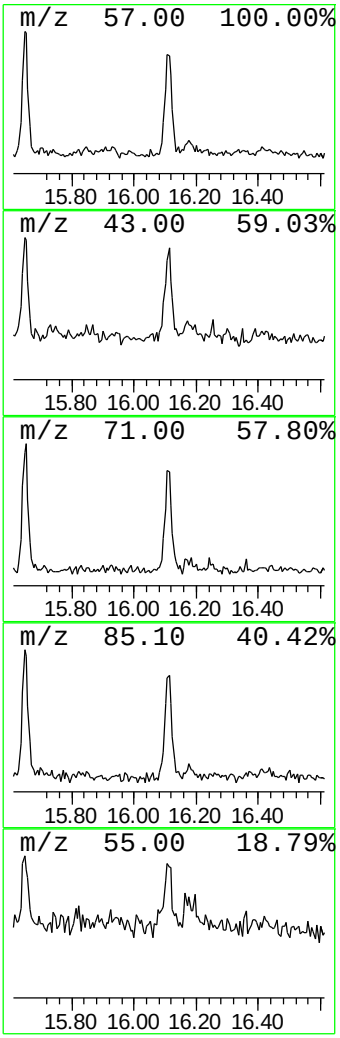
Peak Number 7 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.17 ng	83024	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	76
2	Eicosane	282	C20H42	000112-95-8	64
3	Hexacosane	366	C26H54	000630-01-3	58
4	Tetratetracontane	619	C44H90	007098-22-8	58
5	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	53





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	5.0	ng	163329	1	6.97	656158	20.0
unknown6.74	6.74	91.7	ng	3008410	1	6.97	656158	20.0
Indane	7.14	34.6	ng	1135770	1	6.97	656158	20.0
Naphthalene, 1-me...	9.05	2.8	ng	149922	2	8.24	1088550	20.0
Cycloeicosane	13.95	3.6	ng	194106	5	14.15	1080240	20.0
Heptadecane	16.11	2.2	ng	83024	6	15.68	763935	20.0