LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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-BF041717.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	3.913	333	336	342	rBV	199090	223092	6.24%	0.896%
2	4.325	402	406	416	rBV	1076934	1194676	33.39%	4.797%
3	4.637	456	459	467	rBV	104533	118664	3.32%	0.476%
4	5.389	584	587	605	rBV	727866	815479	22.79%	3.274%
5	5.519	605	609	614	rBV	2190133	2038698	56.99%	8.186%
6	5.760	647	650	655	rBV	670633	647314	18.09%	2.599%
7	5.942	676	681	684	rBV	2431713	2254721	63.03%	9.053%
8	6.419	756	762	765	rBV	1743020	1858118	51.94%	7.461%
9	7.254	900	904	910	rBV	953206	871555	24.36%	3.500%
10	7.354	913	921	936	rVB	99302	174088	4.87%	0.699%
11	7.795	993	996	1002	rVB	33474	38688	1.08%	0.155%
12	8.236	1063	1071	1074	rBV	435892	736083	20.58%	2.956%
13	8.583	1124	1130	1133	rBV	3374848	3577457	100.00%	14.365%
14	8.742	1148	1157	1164	rBV	144180	207533	5.80%	0.833%
15	9.083	1211	1215	1219	rBV	68809	60705	1.70%	0.244%
16	9.389	1261	1267	1278	rBV2	979597	1000734	27.97%	4.018%
17	9.871	1346	1349	1354	rBV	35231	44679	1.25%	0.179%
18	9.983	1364	1368	1373	rBV2	63960	69584	1.95%	0.279%
19	10.371	1429	1434	1444	rBV	1270361	1338124	37.40%	5.373%
20	10.566	1464	1467	1470	rBV	38821	43601	1.22%	0.175%
21	10.977	1532	1537	1540	rBV	141726	150804	4.22%	0.606%
22	11.213	1573	1577	1581	rBV	934597	897610	25.09%	3.604%
23	11.948	1699	1702	1706	rBV2	57708	66567	1.86%	0.267%
24	11.995	1707	1710	1715	rVB2	40070	42016	1.17%	0.169%
25	12.618	1812	1816	1822	rVB4	79270	135120	3.78%	0.543%
26	12.848	1847	1855	1860	rVB3	109926	158101	4.42%	0.635%
27	12.895	1860	1863	1865	rBV	38573	37237	1.04%	0.150%
28	13.112	1897	1900	1903	rVB	54699	49426	1.38%	0.198%
29	13.195	1908	1914	1920	rVB	2648145	3049430	85.24%	12.244%
30	13.412	1948	1951	1955	rVB2	54804	52028	1.45%	0.209%
31	13.459	1955	1959	1963	rBV	100828	90995	2.54%	0.365%
32	13.654	1988	1992	1994	rBV	58473	57799	1.62%	0.232%
33	13.777	2006	2013	2016	rBV7	23994	39991	1.12%	0.161%
34	13.912	2031	2036	2041	rBV4	70347	94034	2.63%	0.378%

LSC Area Percent Report

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Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.277	2091	2098	2104	rBV6	33409	76127	2.13%	0.306%
36	14.359	2107	2112	2121	rVV3	57540	118054	3.30%	0.474%
37	14.465	2125	2130	2136	rVV	577733	641773	17.94%	2.577%
38	14.512	2136	2138	2144	rVB	29981	40607	1.14%	0.163%
39	14.759	2173	2180	2182	rBV3	24843	37798	1.06%	0.152%
40	15.571	2314	2318	2322	rBV	45837	53415	1.49%	0.214%
41	15.848	2363	2365	2370	rVB2	41435	45272	1.27%	0.182%
42	16.089	2402	2406	2415	rVB	503894	594414	16.62%	2.387%
43	16.195	2421	2424	2429	rVB2	43876	51486	1.44%	0.207%
44	16.577	2484	2489	2493	rBV2	49944	73226	2.05%	0.294%
45	17.006	2557	2562	2570	rVB3	57227	99620	2.78%	0.400%
46	17.506	2641	2647	2659	rVB4	35929	77152	2.16%	0.310%
47	17.665	2668	2674	2682	rBV6	60062	141879	3.97%	0.570%
48	17.877	2706	2710	2720	rVB9	26119	53560	1.50%	0.215%
49	18.083	2738	2745	2754	rBV2	120367	311252	8.70%	1.250%
50	19.006	2893	2902	2913	rBV6	80763	254176	7.10%	1.021%

Sum of corrected areas: 24904562

LSC Report - Integrated Chromatogram

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Data File : BF094735.D
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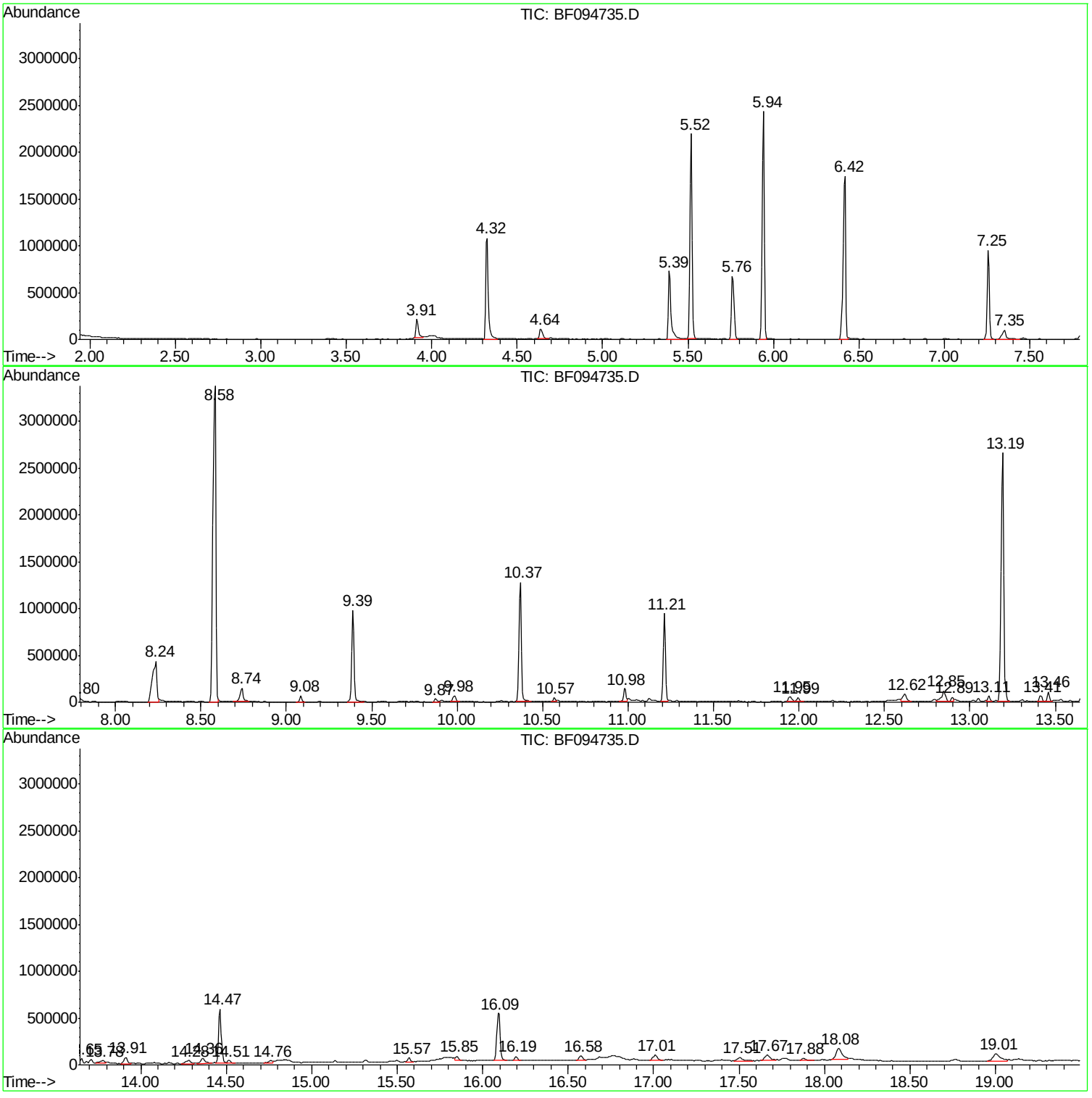
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

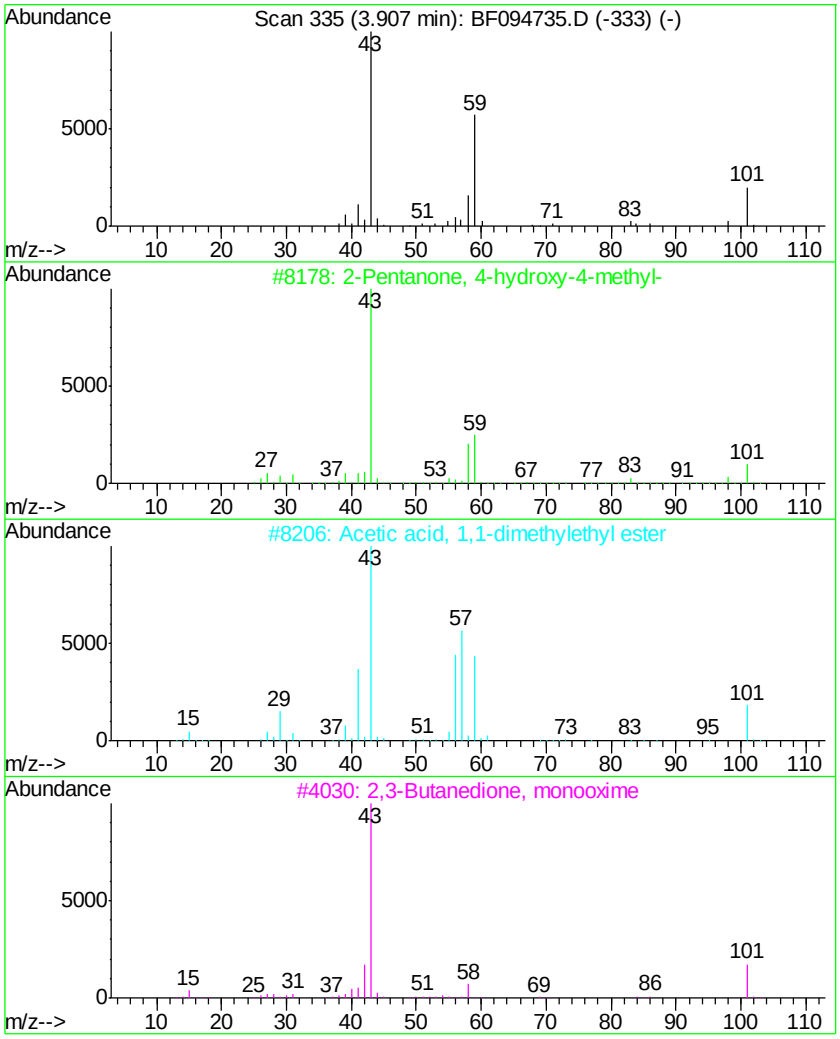
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

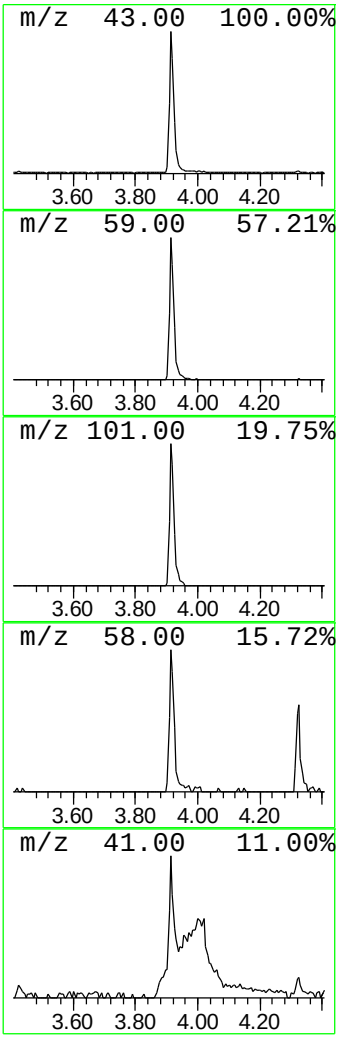
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	6.89 ng	223092	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

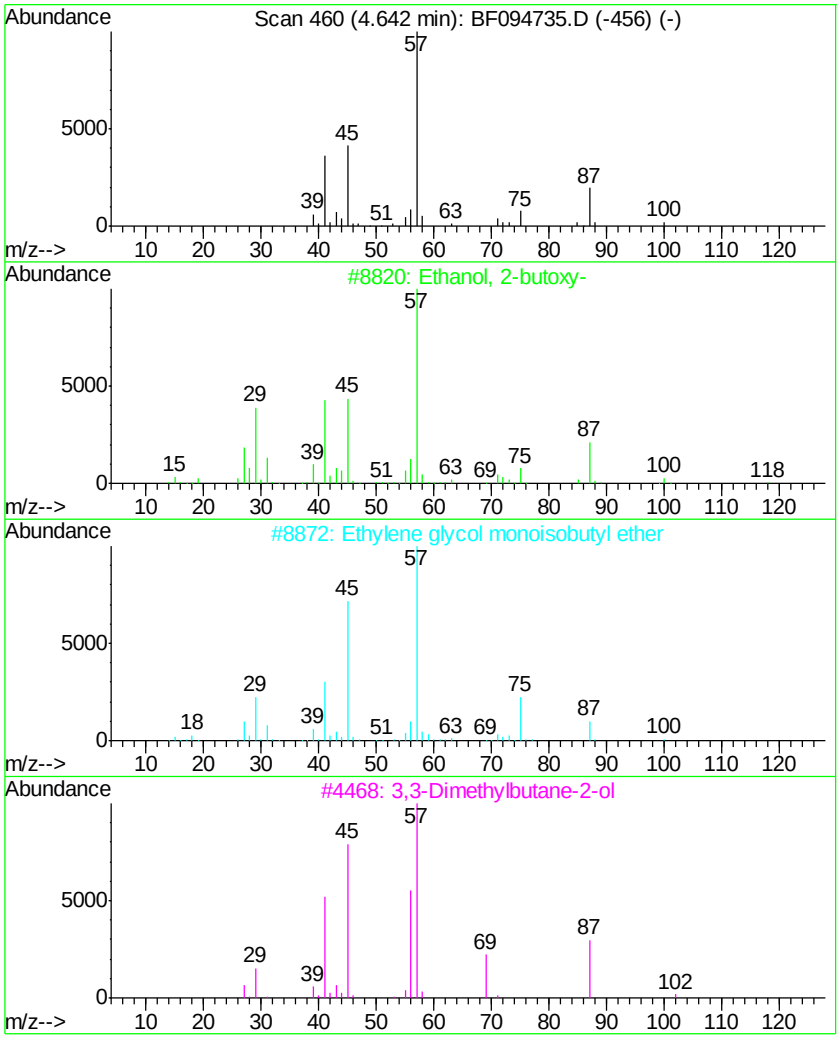
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

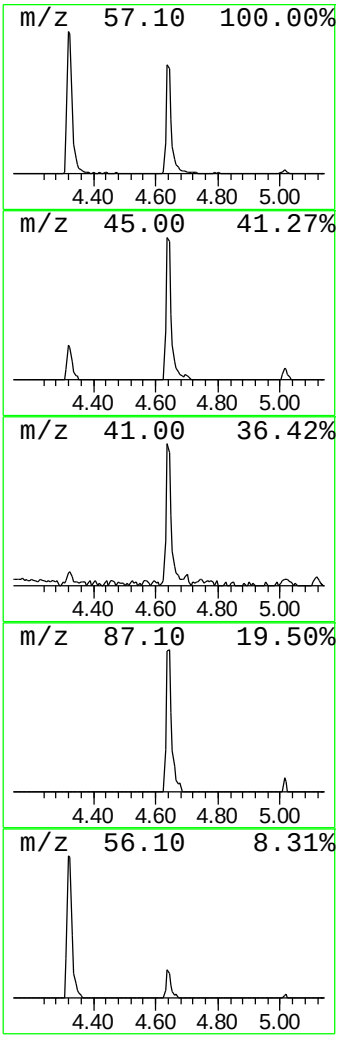
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	3.67 ng	118664	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4	Isobutyl ether	130	C8H18O	000628-55-7	17
5	Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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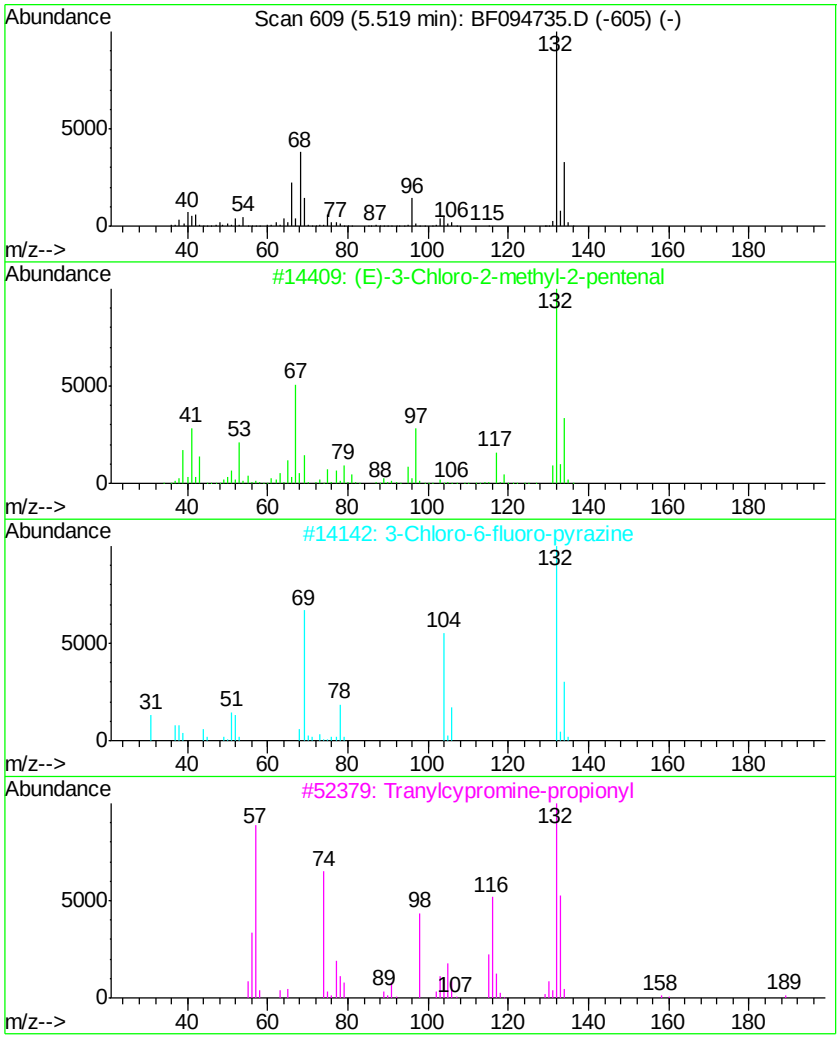
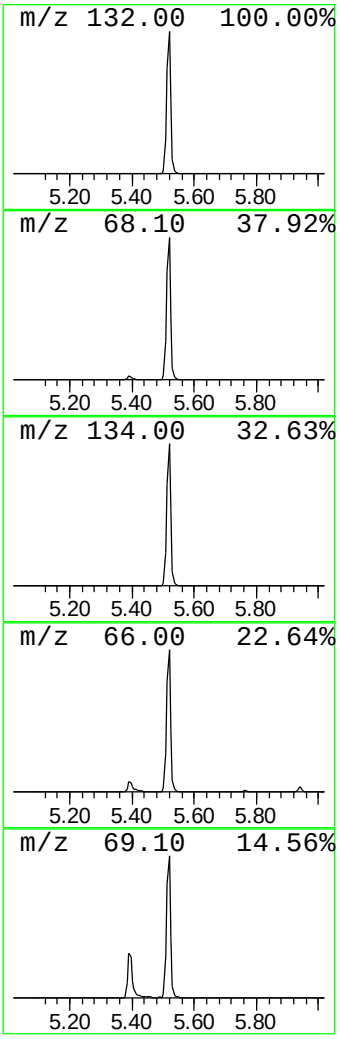
Peak Number 3 unknown5.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	62.99 ng	2038700	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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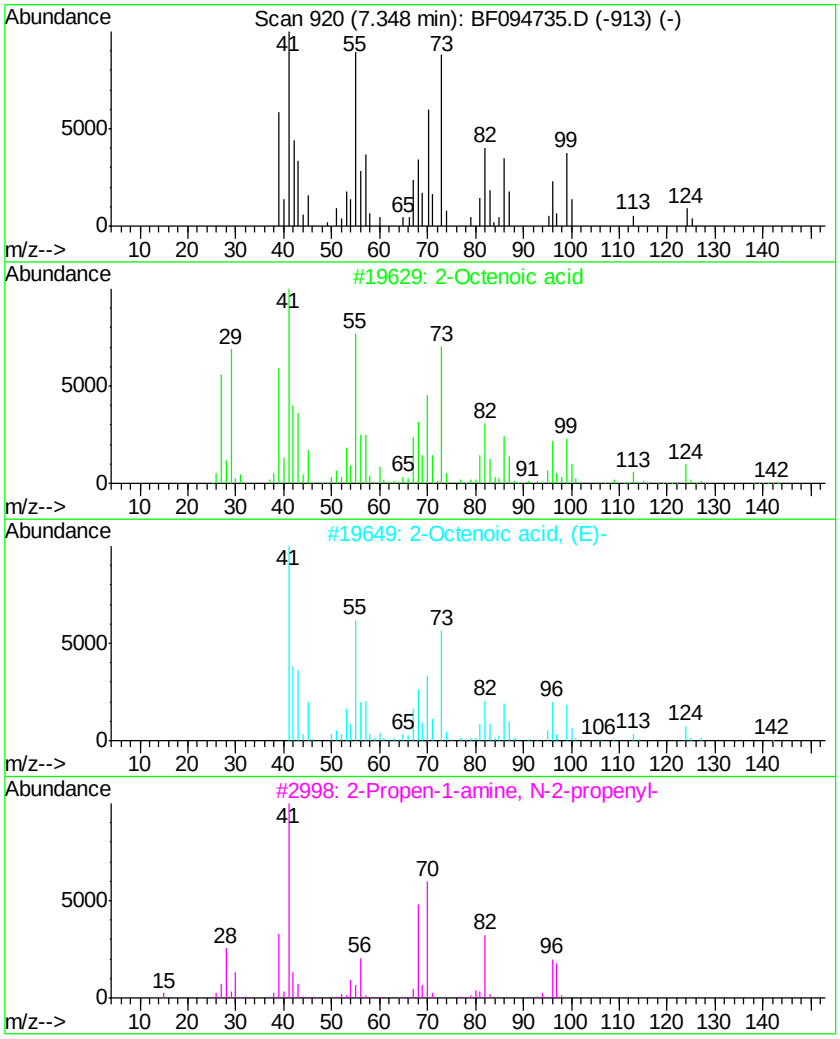
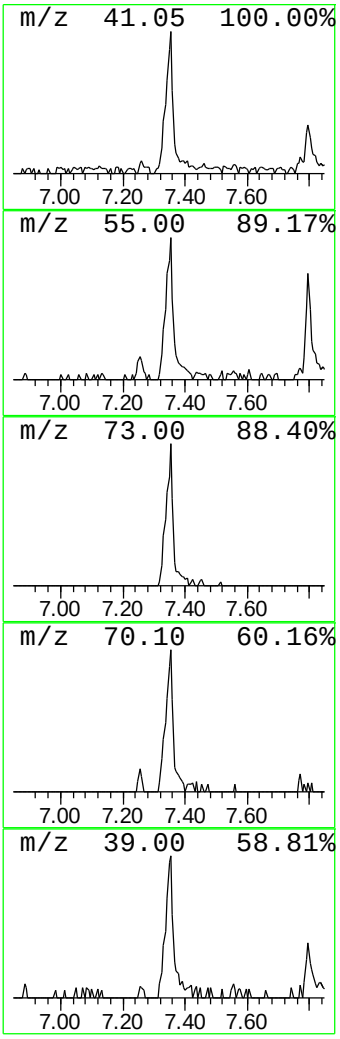
Peak Number 5 2-Octenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	3.99 ng	174088	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenoic acid	142	C8H14O2	001470-50-4	90
2	2-Octenoic acid, (E)-	142	C8H14O2	001871-67-6	72
3	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	35
4	cis-7-Tetradecen-1-ol	212	C14H28O	040642-43-1	27
5	2-Oxonanone	142	C8H14O2	005698-29-3	27





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

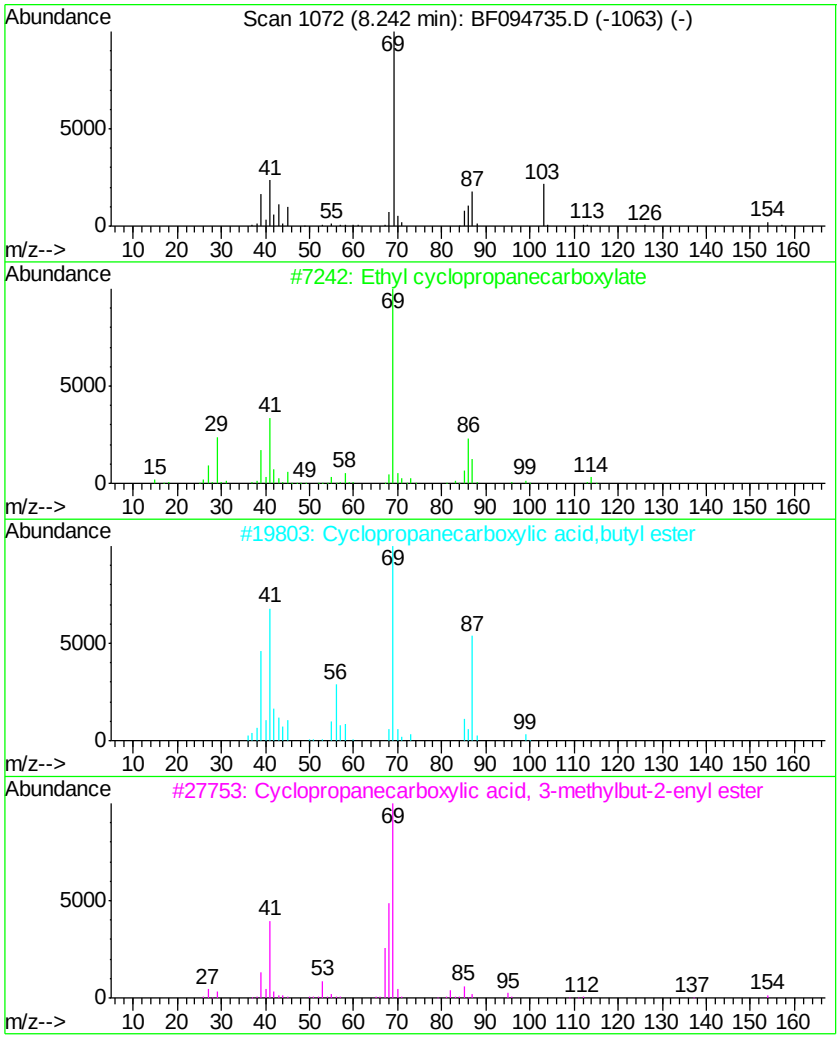
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

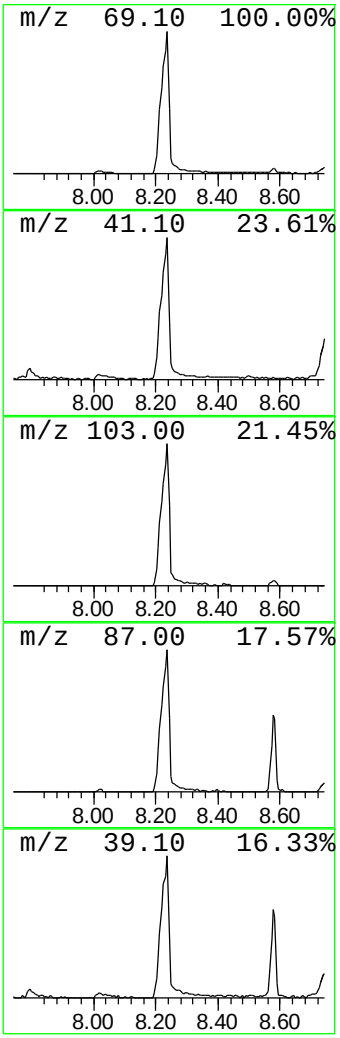
****

Peak Number 6 Ethyl cyclopropanecarboxylate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	16.89 ng	736083	Naphthalene-d8	7.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	56
2	Cyclopropanecarboxylic acid,butyl...	142	C8H14O2	054947-39-6	38
3	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	9
4	Oxazole	69	C3H3NO	000288-42-6	9
5	Cyclopropanecarboxylic acid, pro...	128	C7H12O2	060128-01-0	9





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Sample : I2902-11
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Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

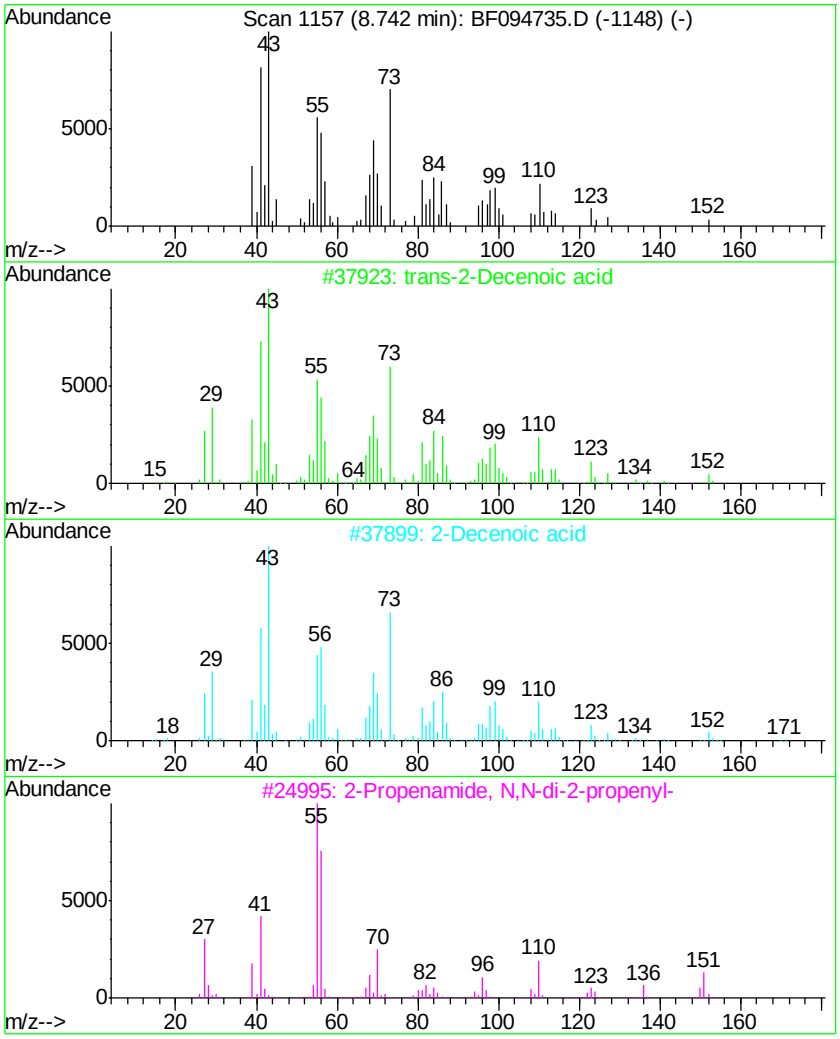
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

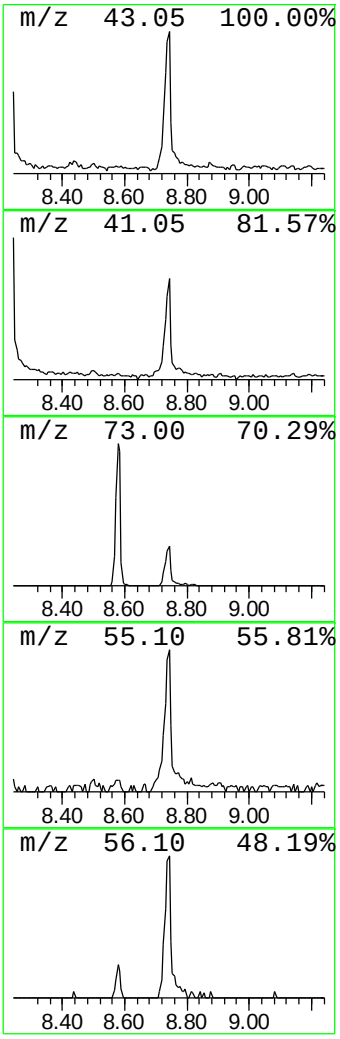
****

Peak Number 7 trans-2-Decenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	4.15 ng	207533	Acenaphthene-d10	9.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Decenoic acid	170	C10H18O2	000334-49-6	90
2	2-Decenoic acid	170	C10H18O2	003913-85-7	64
3	2-Propenamide, N,N-di-2-propenyl-	151	C9H13NO	003085-68-5	35
4	2-Nonenoic acid	156	C9H16O2	003760-11-0	30
5	1-Nonene	126	C9H18	000124-11-8	27





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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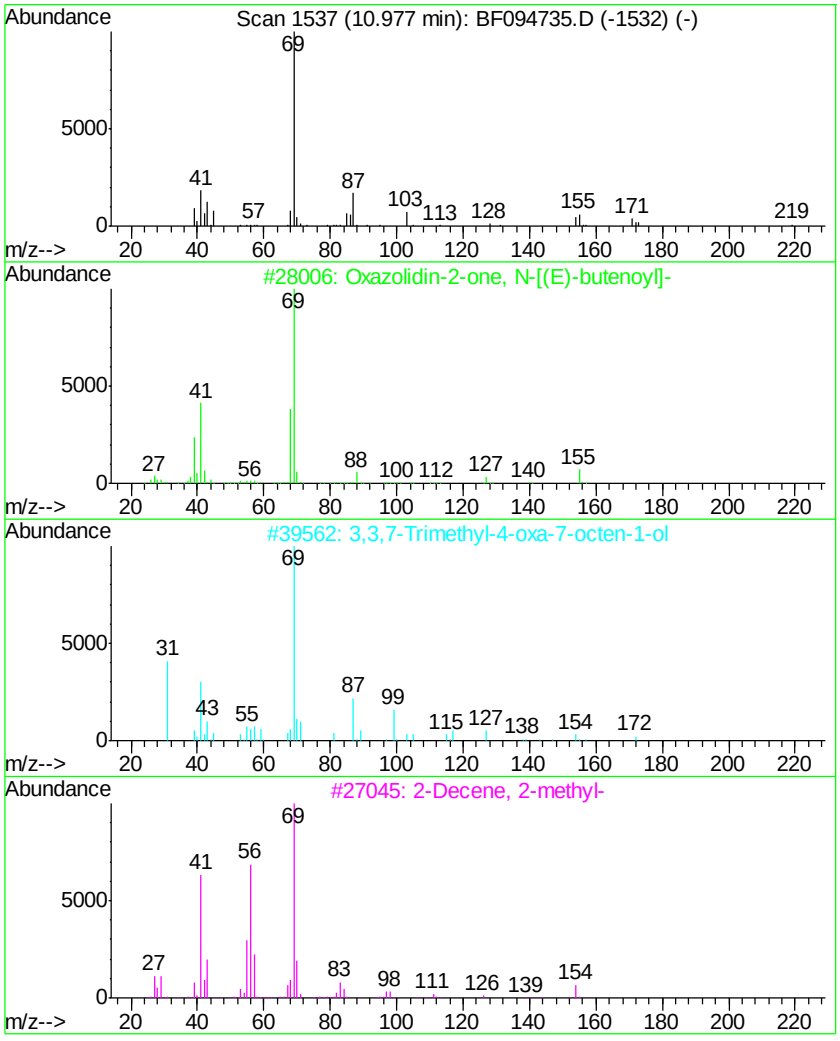
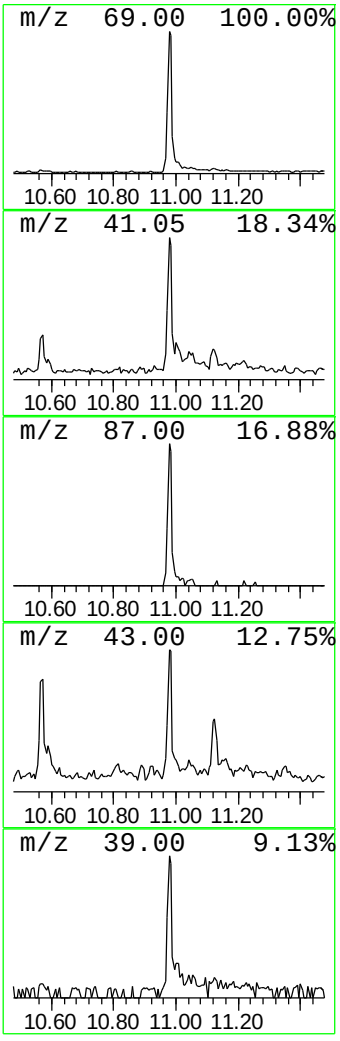
Peak Number 8 unknown10.98 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.36 ng	150804	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazolidin-2-one, N-[(E)-butenoyl-	155	C7H9NO3	1000156-45-5	40
2	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	39
3	2-Decene, 2-methyl-	154	C11H22	023381-92-2	9
4	Cyclopropanecarboxylic acid, 2-m...	170	C10H18O2	1000354-65-8	9
5	Ornithine	132	C5H12N2O2	000070-26-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

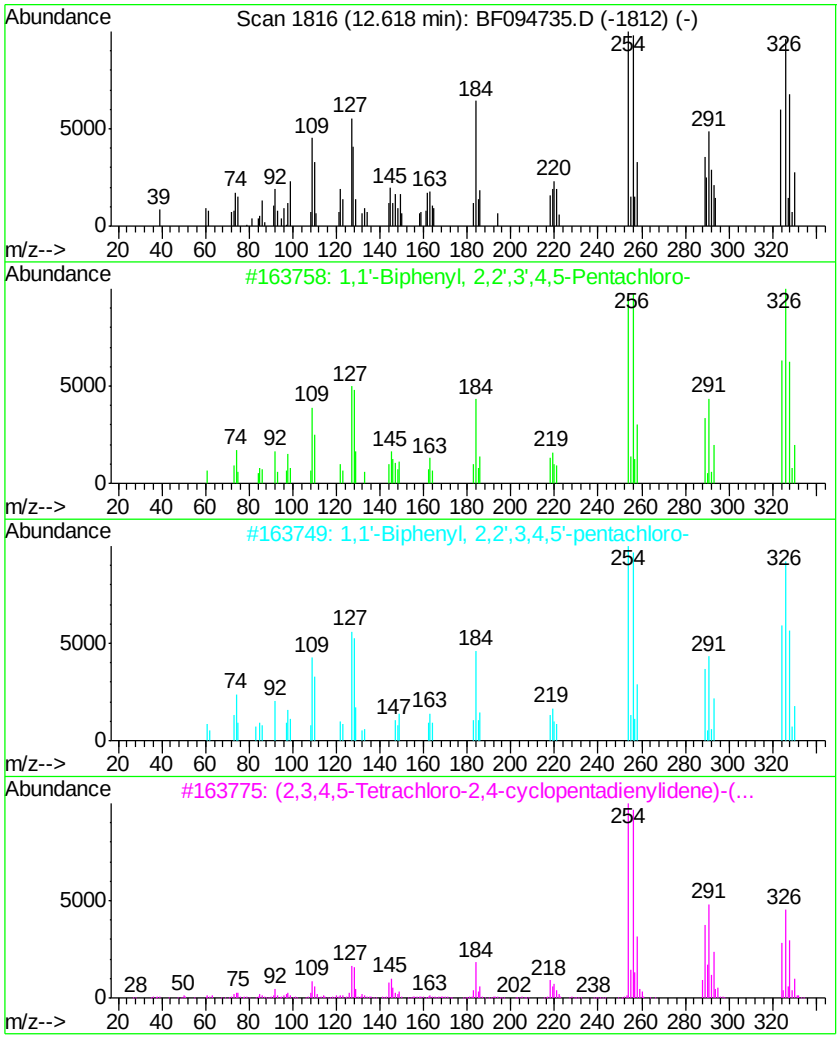
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

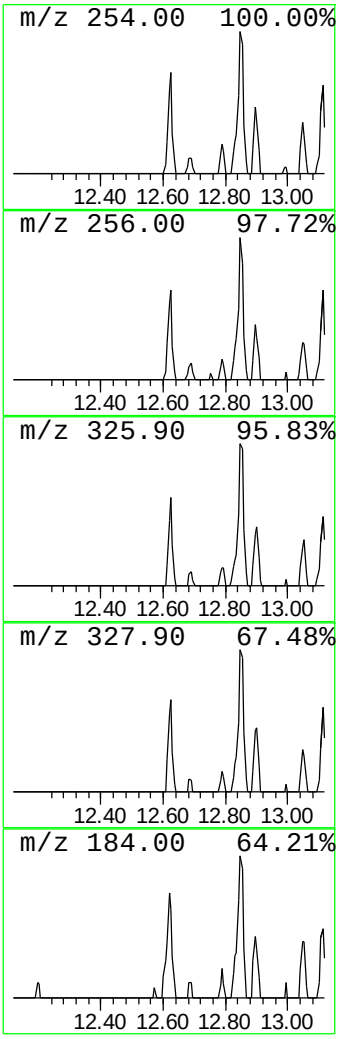
****

Peak Number 9 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	3.01 ng	135120	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
3	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	99
4	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99





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Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

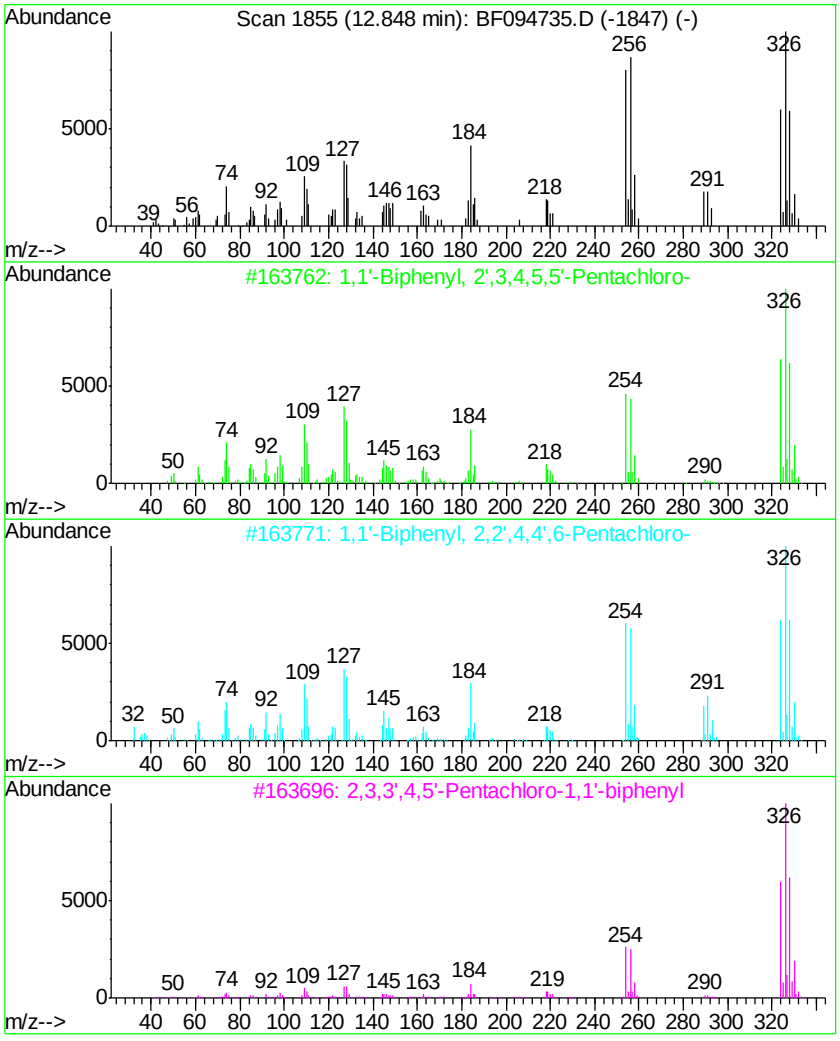
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

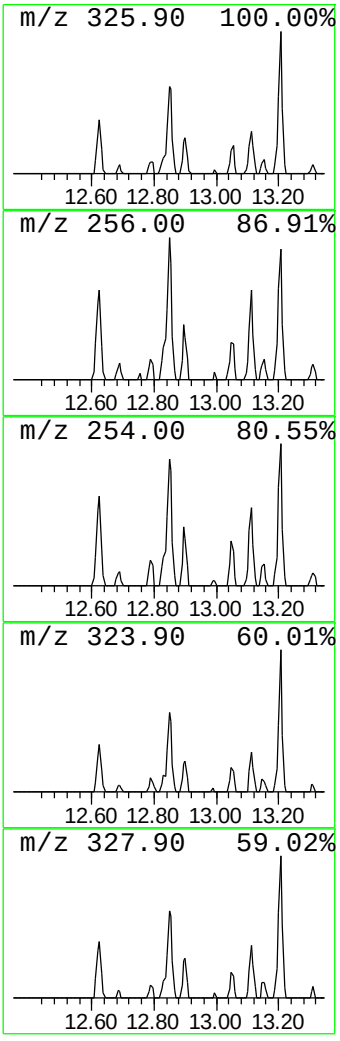
****

Peak Number 10 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	4.93 ng	158101	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
2	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99





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Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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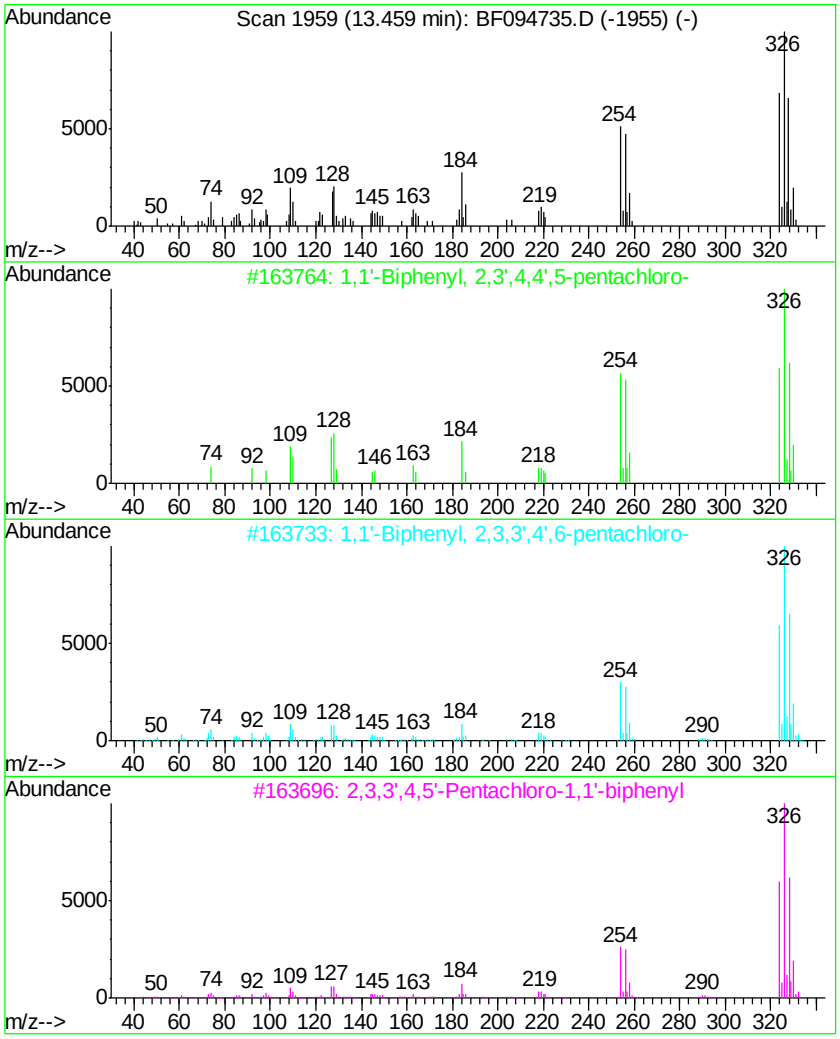
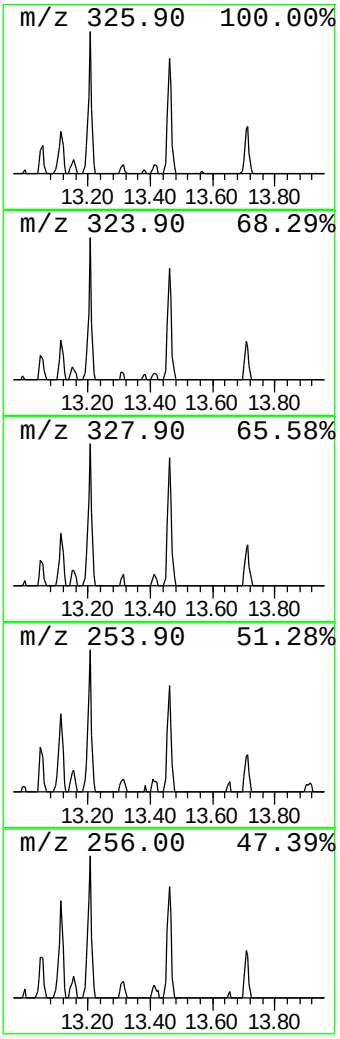
Peak Number 11 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.84 ng	90995	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





Library Search Compound Report

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Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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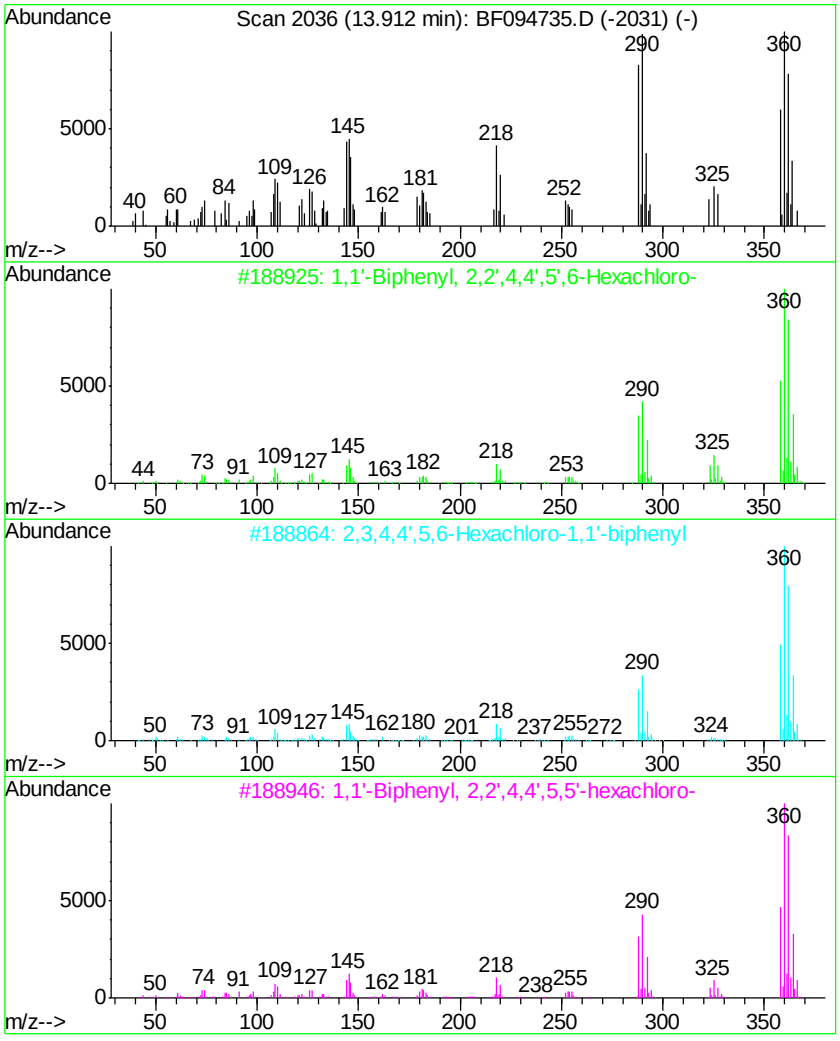
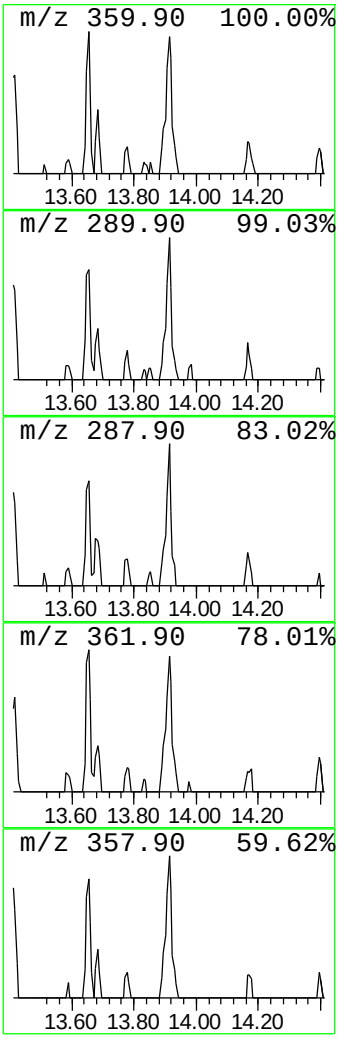
Peak Number 12 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	2.93 ng	94034	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
3	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
5	2,3,3',4',5,6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-44-9	99





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Sample : I2902-11
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Instrument : BNA_F
ClientSampleId : MW-12B

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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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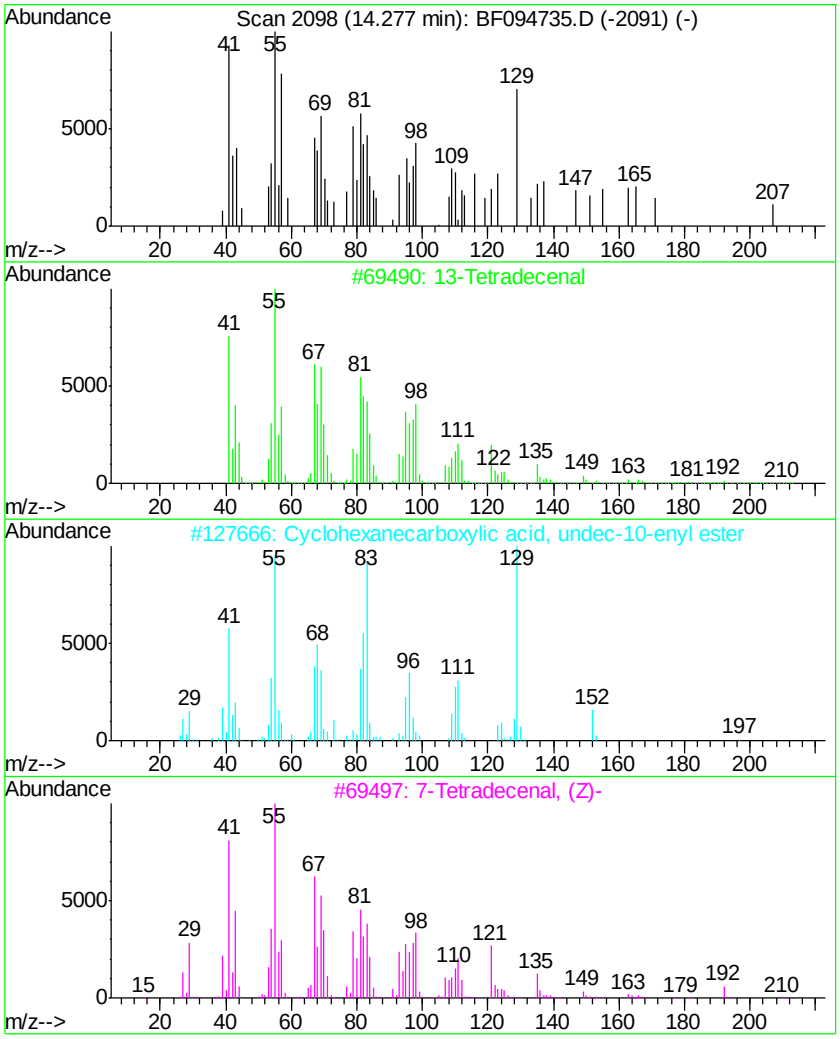
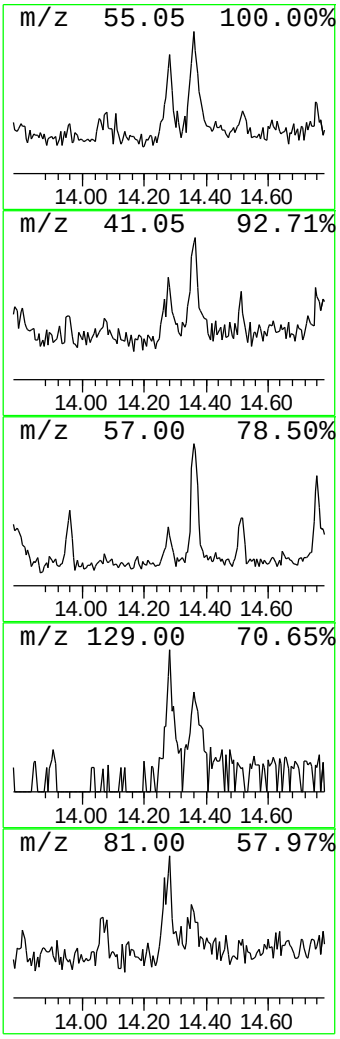
Peak Number 13 unknown14.28 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.37 ng	76127	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecenal	210	C14H26O	085896-31-7	11
2	Cyclohexanecarboxylic acid, unde...	280	C18H32O2	1000279-53-9	10
3	7-Tetradecenal, (Z)-	210	C14H26O	065128-96-3	10
4	5-Bromopentanoic acid, 2-octyl e...	292	C13H25BrO2	1000293-35-5	10
5	12-Methyl-oxa-cyclododecan-2-one	198	C12H22O2	1000193-59-0	10





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Instrument : BNA_F
ClientSampleId : MW-12B

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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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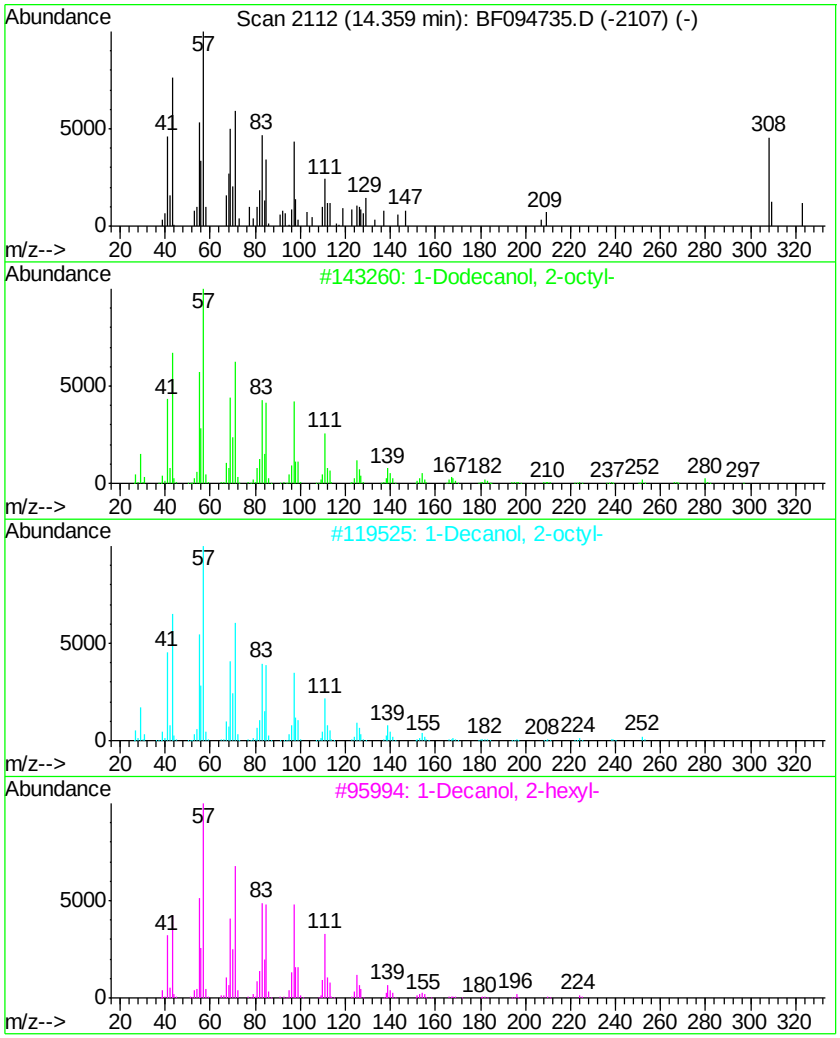
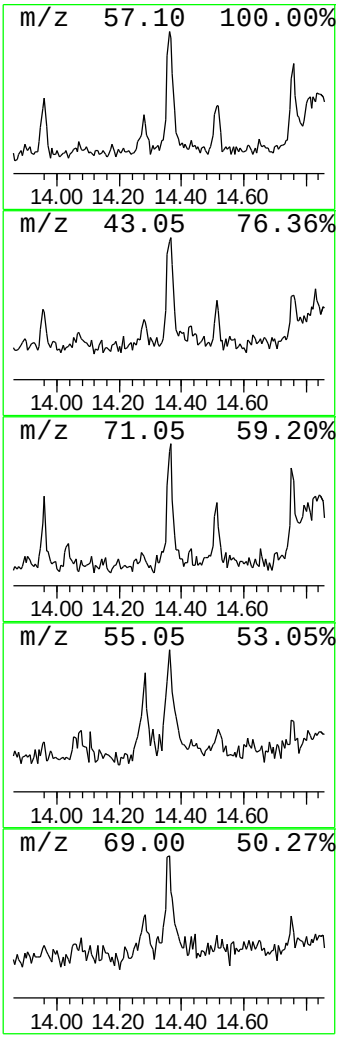
Peak Number 14 1-Dodecanol, 2-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	3.68 ng	118054	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	62
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	62
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	52





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Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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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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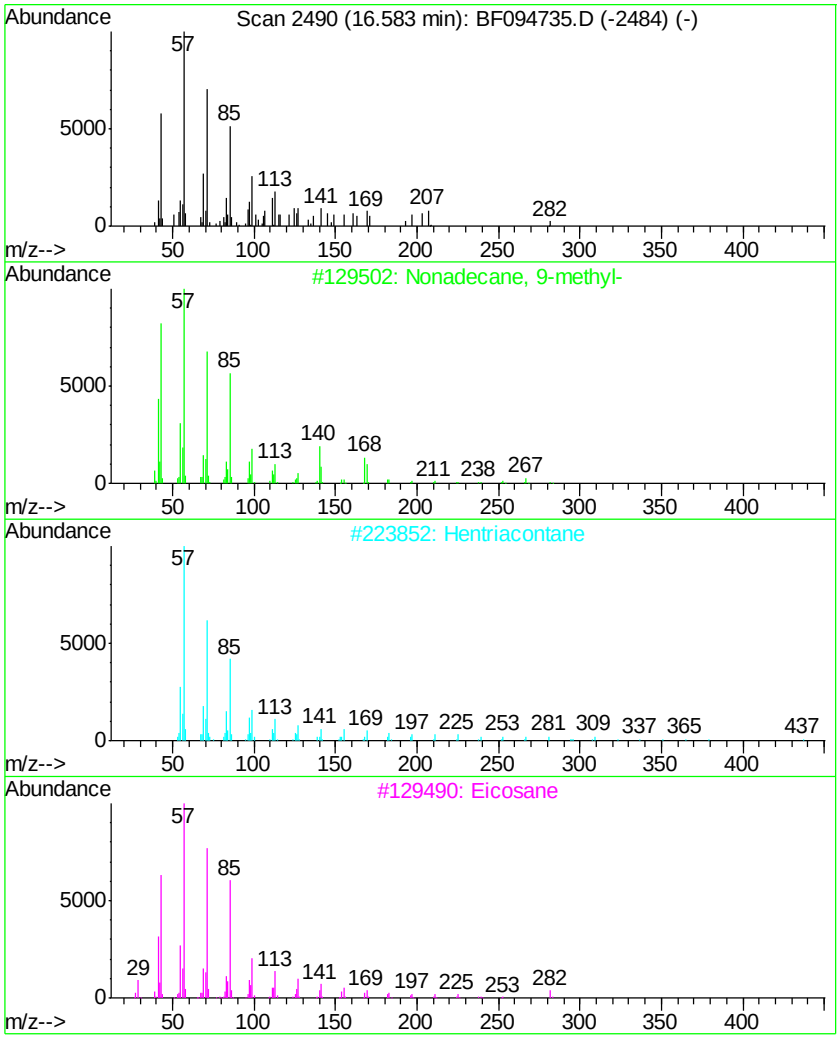
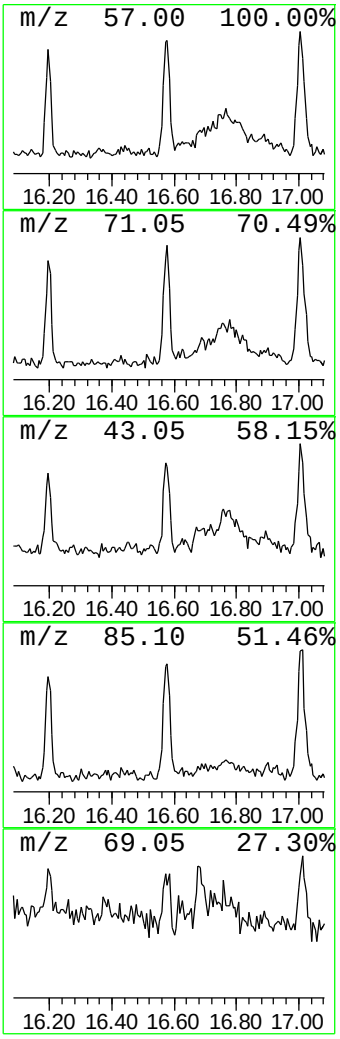
Peak Number 15 Nonadecane, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	2.46 ng	73226	Perylene-d12	16.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Eicosane	282	C20H42	000112-95-8	80
4	Triacontane	422	C30H62	000638-68-6	80
5	Pentacosane	352	C25H52	000629-99-2	80





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-12B

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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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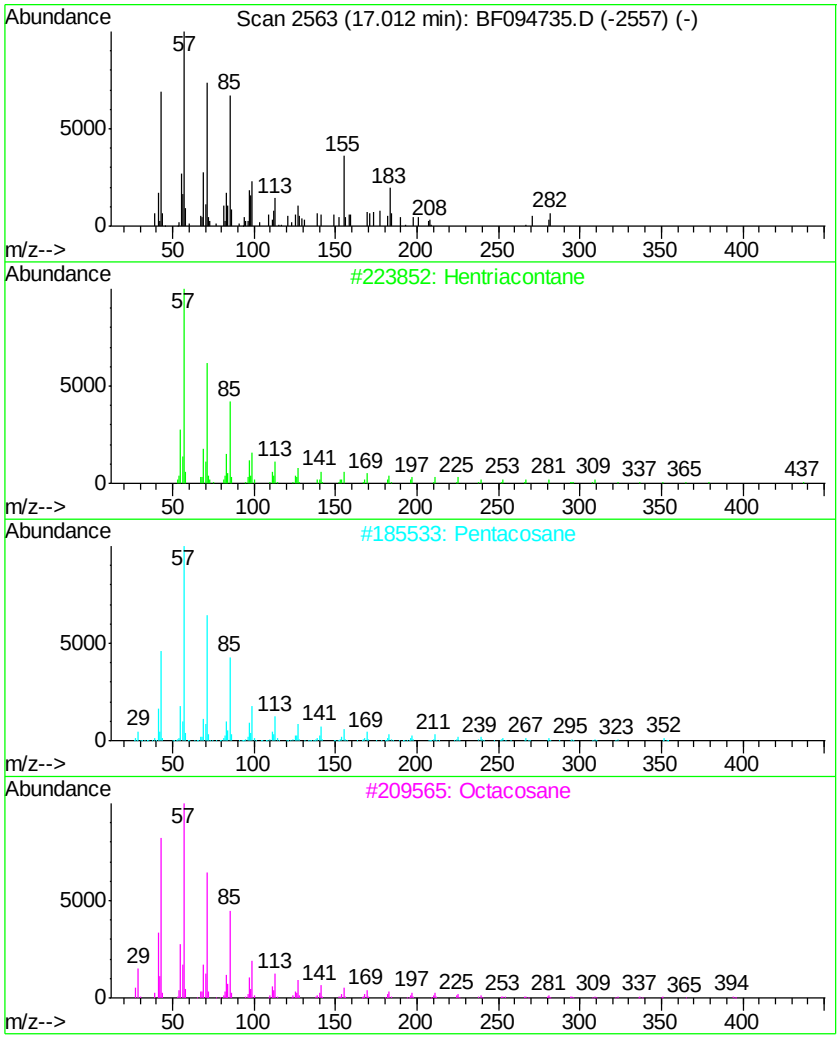
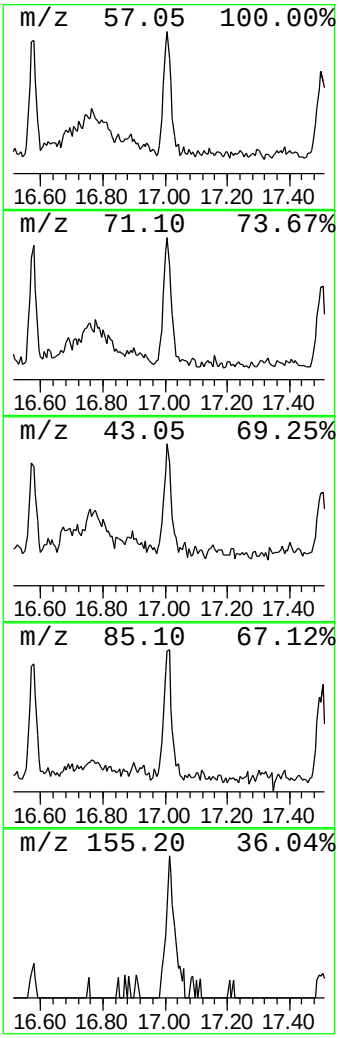
Peak Number 16 Hentriacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	3.35 ng	99620	Perylene-d12	16.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Pentacosane	352	C25H52	000629-99-2	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : I2902-11
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Instrument : BNA_F
ClientSampleId : MW-12B

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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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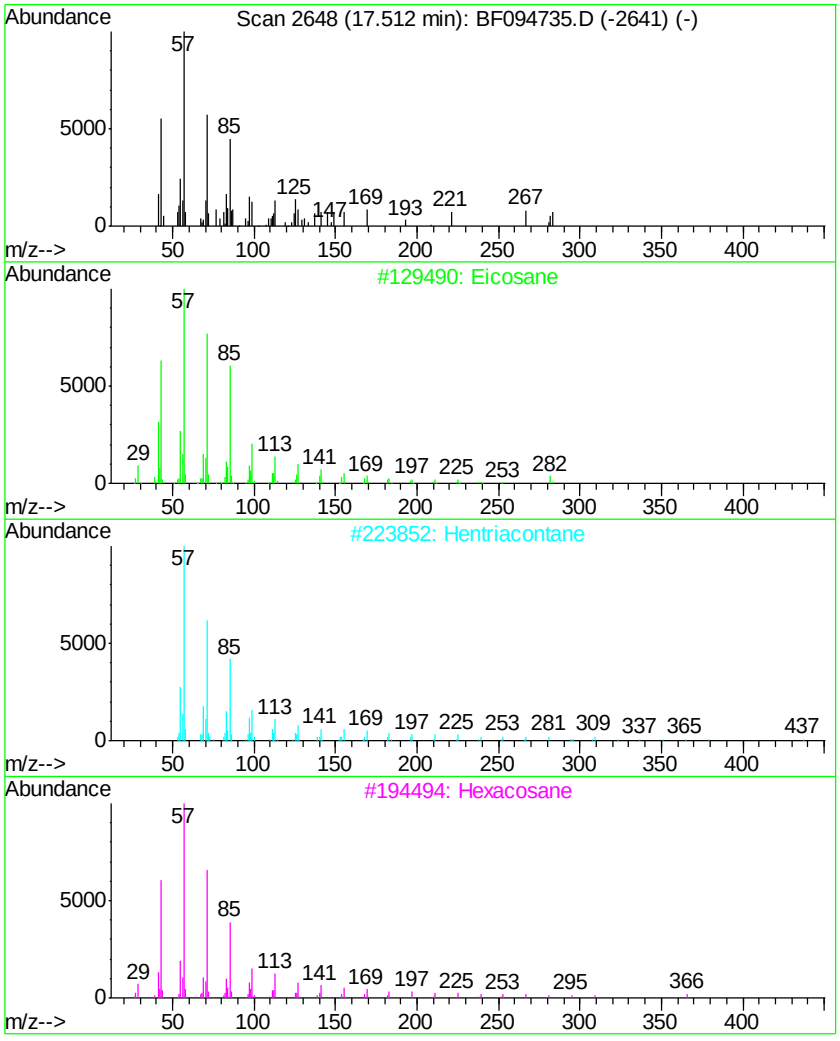
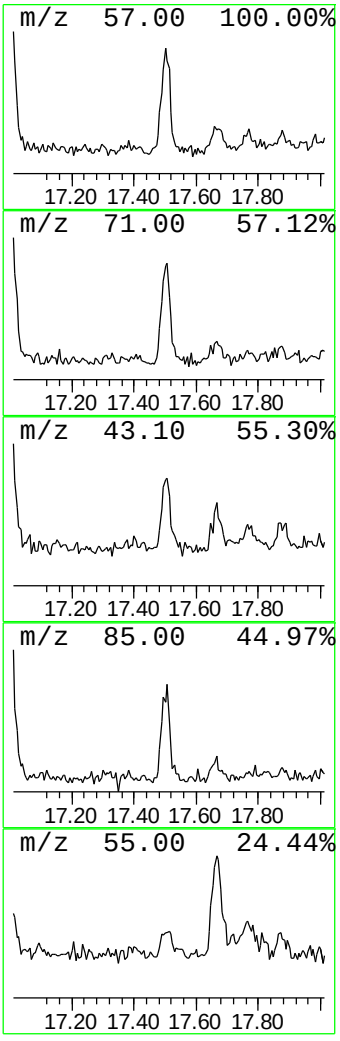
Peak Number 17 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	2.60 ng	77152	Perylene-d12	16.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Hexacosane	366	C26H54	000630-01-3	80
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	80
5	Tetracosane	338	C24H50	000646-31-1	80





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Sample : I2902-11
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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

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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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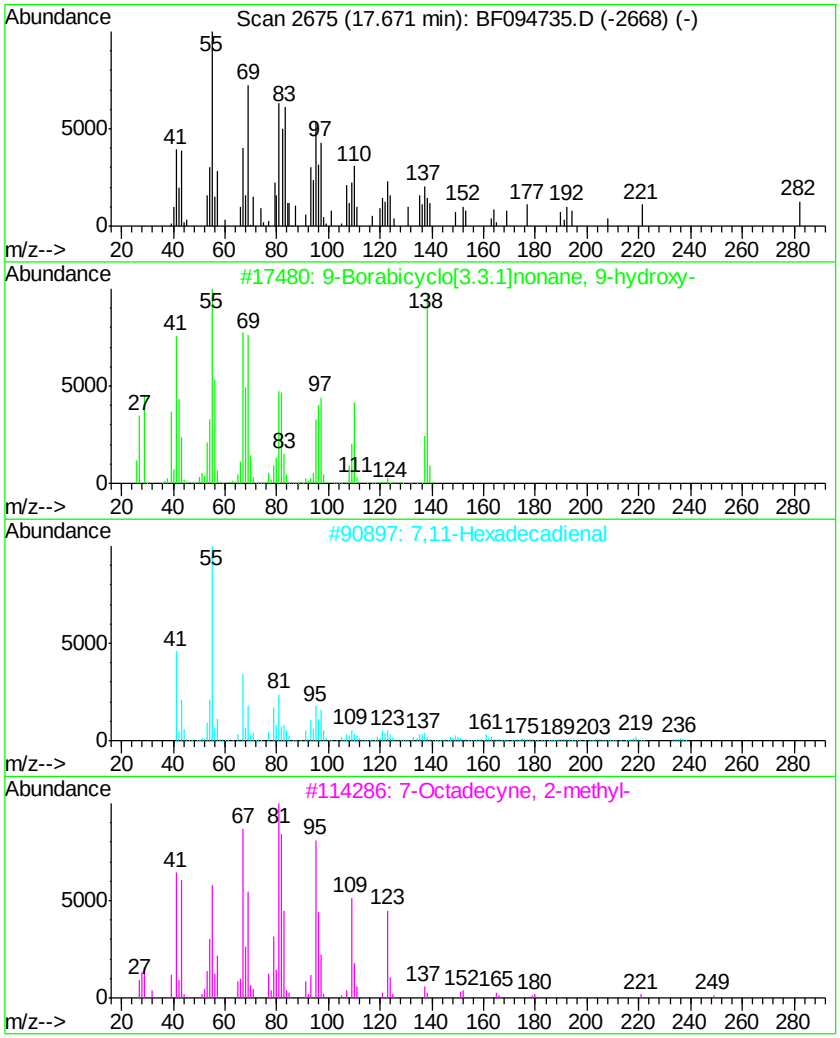
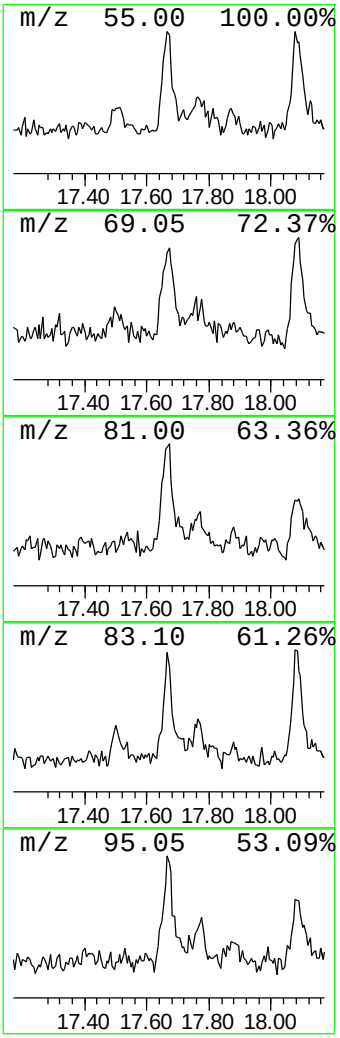
Peak Number 18 unknown17.67 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.77 ng	141879	Perylene-d12	16.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	46
2	7,11-Hexadecadienal	236	C16H28O	1000130-85-7	46
3	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	46
4	9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	43
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	42





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Sample : I2902-11
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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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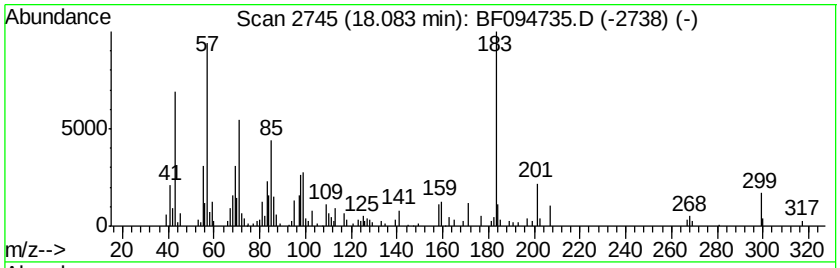
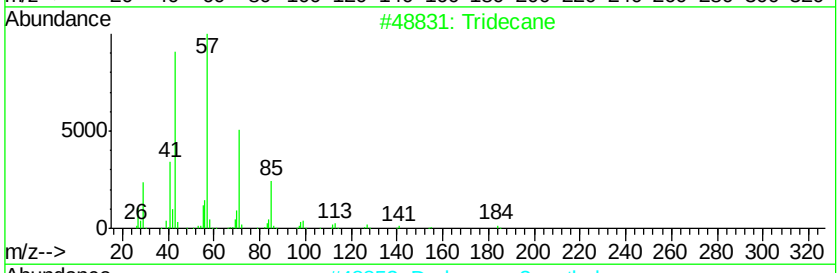
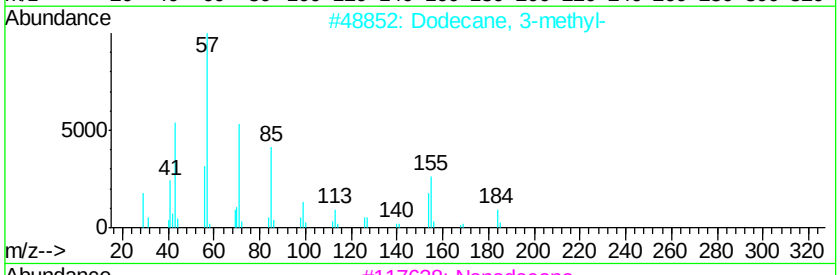
Peak Number 19 unknown18.08 Concentration Rank 4

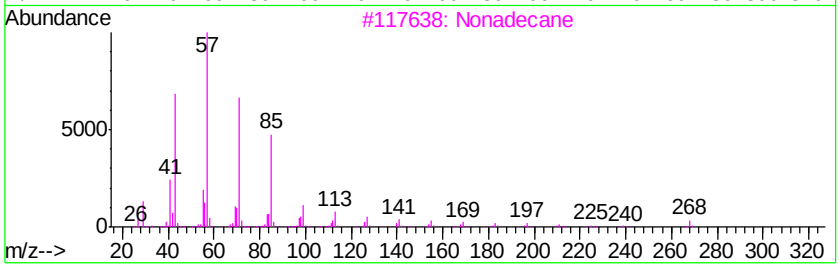
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	10.47 ng	311252	Perylene-d12	16.09

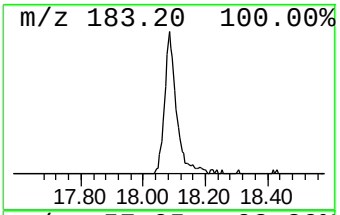
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	30
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	30
3	Nonadecane	268	C19H40	000629-92-5	30
4	Octacosane	394	C28H58	000630-02-4	25
5	Hexacosane	366	C26H54	000630-01-3	22

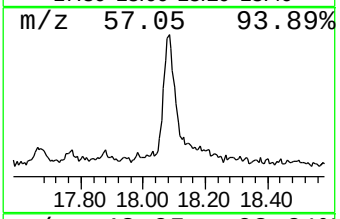


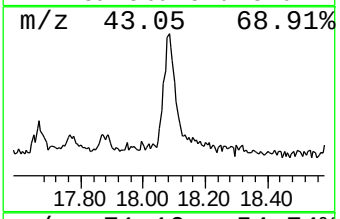


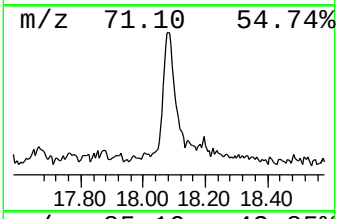


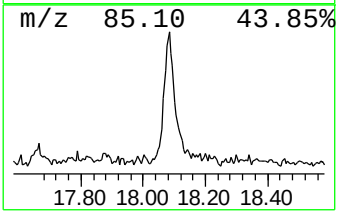












Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

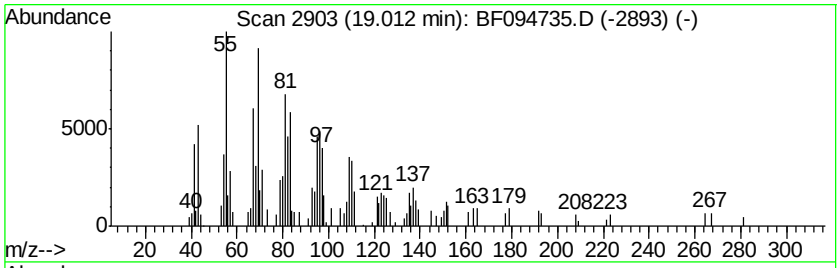
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

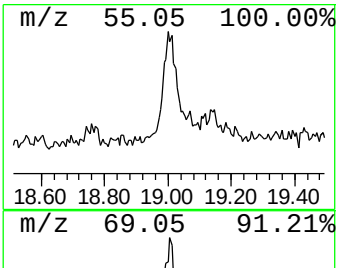
****

Peak Number 20 Cyclohexene, 4-(4-ethylcycl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	8.55 ng	254176	Perylene-d12	16.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	64
2	1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	58
3	1,22-Docosanediol	342	C22H46O2	022513-81-1	53
4	1-Octadecyne	250	C18H34	000629-89-0	52
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043017\
Data File : BF094735.D
Acq On : 1 May 2017 1:58
Operator : SJ/MA
Sample : I2902-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-12B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
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...	3.91	6.9	ng	223092	1	5.77	647314	20.0
Ethanol, 2-butoxy-	4.64	3.7	ng	118664	1	5.77	647314	20.0
unknown5.52	5.52	63.0	ng	2038700	1	5.77	647314	20.0
2-Octenoic acid	7.35	4.0	ng	174088	2	7.25	871555	20.0
Ethyl cyclopropan...	8.24	16.9	ng	736083	2	7.25	871555	20.0
trans-2-Decenoic ...	8.74	4.2	ng	207533	3	9.39	1000730	20.0
unknown10.98	10.98	3.4	ng	150804	4	11.21	897610	20.0
1,1'-Biphenyl, 2,...	12.62	3.0	ng	135120	4	11.21	897610	20.0
1,1'-Biphenyl, 2'...	12.85	4.9	ng	158101	5	14.47	641773	20.0
1,1'-Biphenyl, 2,...	13.46	2.8	ng	90995	5	14.47	641773	20.0
1,1'-Biphenyl, 2,...	13.91	2.9	ng	94034	5	14.47	641773	20.0
unknown14.28	14.28	2.4	ng	76127	5	14.47	641773	20.0
1-Dodecanol, 2-oc...	14.36	3.7	ng	118054	5	14.47	641773	20.0
Nonadecane, 9-met...	16.58	2.5	ng	73226	6	16.09	594414	20.0
Hentriacontane	17.01	3.4	ng	99620	6	16.09	594414	20.0
Eicosane	17.51	2.6	ng	77152	6	16.09	594414	20.0
unknown17.67	17.67	4.8	ng	141879	6	16.09	594414	20.0
unknown18.08	18.08	10.5	ng	311252	6	16.09	594414	20.0
Cyclohexene, 4-(4...	19.01	8.6	ng	254176	6	16.09	594414	20.0