LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

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-BF072716.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	1.655	5	6	43	rVB	1019549	2513711	100.00%	15.589%
2	4.593	259	263	274	rBV	282168	593316	23.60%	3.679%
3	5.061	302	304	329	rBV	936370	1254255	49.90%	7.778%
4	5.473	338	340	347	rVB	25479	32751	1.30%	0.203%
5	6.159	398	400	402	rBV	1135307	1332744	53.02%	8.265%
6	6.261	407	409	427	rVB	1370895	1487726	59.18%	9.226%
7	6.490	427	429	435	rBV	215403	232580	9.25%	1.442%
8	6.650	441	443	445	rBV	917311	1059209	42.14%	6.569%
9	7.062	477	479	490	rBV	500705	817746	32.53%	5.071%
10	7.782	539	542	544	rBV	218884	284080	11.30%	1.762%
11	8.856	634	636	639	rBV	1344645	1278147	50.85%	7.926%
12	9.256	669	671	674	rBV	160980	143689	5.72%	0.891%
13	9.519	692	694	697	rBV	338977	298765	11.89%	1.853%
14	10.308	761	763	765	rBV	563248	631264	25.11%	3.915%
15	10.445	773	775	782	rVB2	30443	41581	1.65%	0.258%
16	10.993	820	823	824	rBV	232257	221860	8.83%	1.376%
17	11.553	868	872	875	rBV2	85838	107549	4.28%	0.667%
18	12.194	926	928	931	rBV	99649	97520	3.88%	0.605%
19	12.331	938	940	943	rBV	60578	67053	2.67%	0.416%
20	12.422	945	948	950	rBV2	100199	142606	5.67%	0.884%
21	12.571	959	961	964	rBV	819042	914115	36.37%	5.669%
22	12.959	992	995	1000	rBV4	20693	54030	2.15%	0.335%
23	13.074	1001	1005	1007	rBV2	19298	31392	1.25%	0.195%
24	13.119	1007	1009	1011	rBV	33701	35061	1.39%	0.217%
25	13.165	1011	1013	1016	rBV	363007	335393	13.34%	2.080%
26	13.394	1029	1033	1034	rBV3	27895	63777	2.54%	0.396%
27	13.428	1034	1036	1038	rVV3	44306	63063	2.51%	0.391%
28	13.485	1039	1041	1045	rVV3	78857	127804	5.08%	0.793%
29	13.611	1049	1052	1058	rBV3	307251	527441	20.98%	3.271%
30	14.125	1094	1097	1100	rBV	27680	50412	2.01%	0.313%
31	14.262	1107	1109	1111	rVB	123508	115026	4.58%	0.713%
32	14.342	1111	1116	1117	rBV5	13258	45141	1.80%	0.280%
33	14.377	1117	1119	1123	rVV	70713	112408	4.47%	0.697%
34	14.468	1125	1127	1129	rVB	33982	35503	1.41%	0.220%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

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-BF072716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.605	1136	1139	1145	rVB	57051	121999	4.85%	0.757%
36	14.685	1145	1146	1148	rBV	23545	33008	1.31%	0.205%
37	14.845	1158	1160	1162	rVB	29355	31154	1.24%	0.193%
38	14.891	1162	1164	1166	rVV	39285	55702	2.22%	0.345%
39	14.937	1166	1168	1175	rVB	176499	315328	12.54%	1.956%
40	15.337	1201	1203	1205	rBV2	26822	37569	1.49%	0.233%
41	15.440	1210	1212	1214	rBV2	14385	30524	1.21%	0.189%
42	15.634	1227	1229	1232	rVB3	16978	27166	1.08%	0.168%
43	15.817	1243	1245	1254	rVB5	26202	71077	2.83%	0.441%
44	16.125	1269	1272	1274	rBV	18035	40502	1.61%	0.251%
45	16.262	1282	1284	1287	rVV2	17401	26356	1.05%	0.163%
46	16.331	1287	1290	1296	rVB5	22042	62729	2.50%	0.389%
47	16.548	1305	1309	1313	rVB5	32907	79974	3.18%	0.496%
48	17.337	1375	1378	1383	rVB3	14068	43207	1.72%	0.268%

Sum of corrected areas: 16125013

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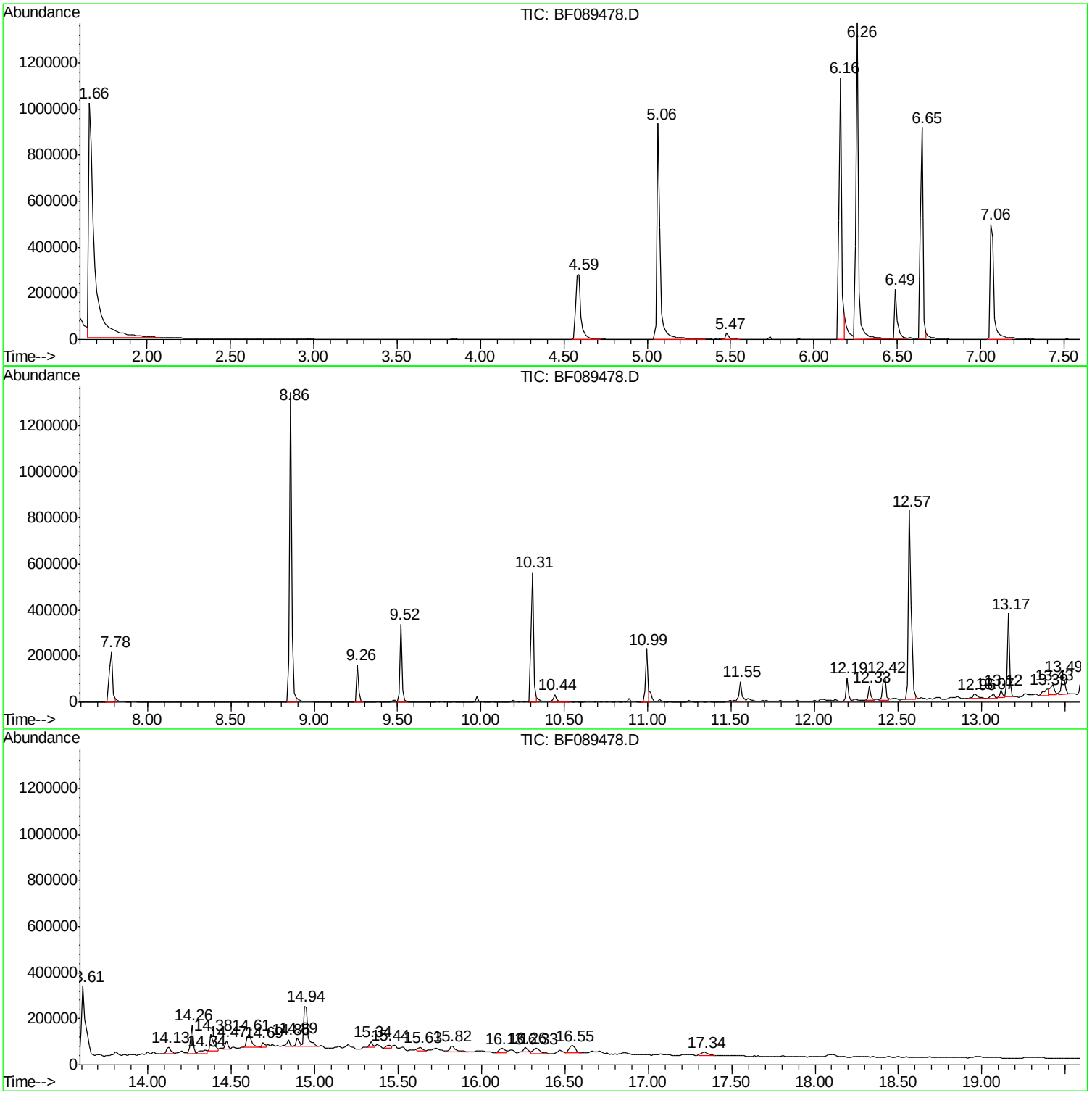
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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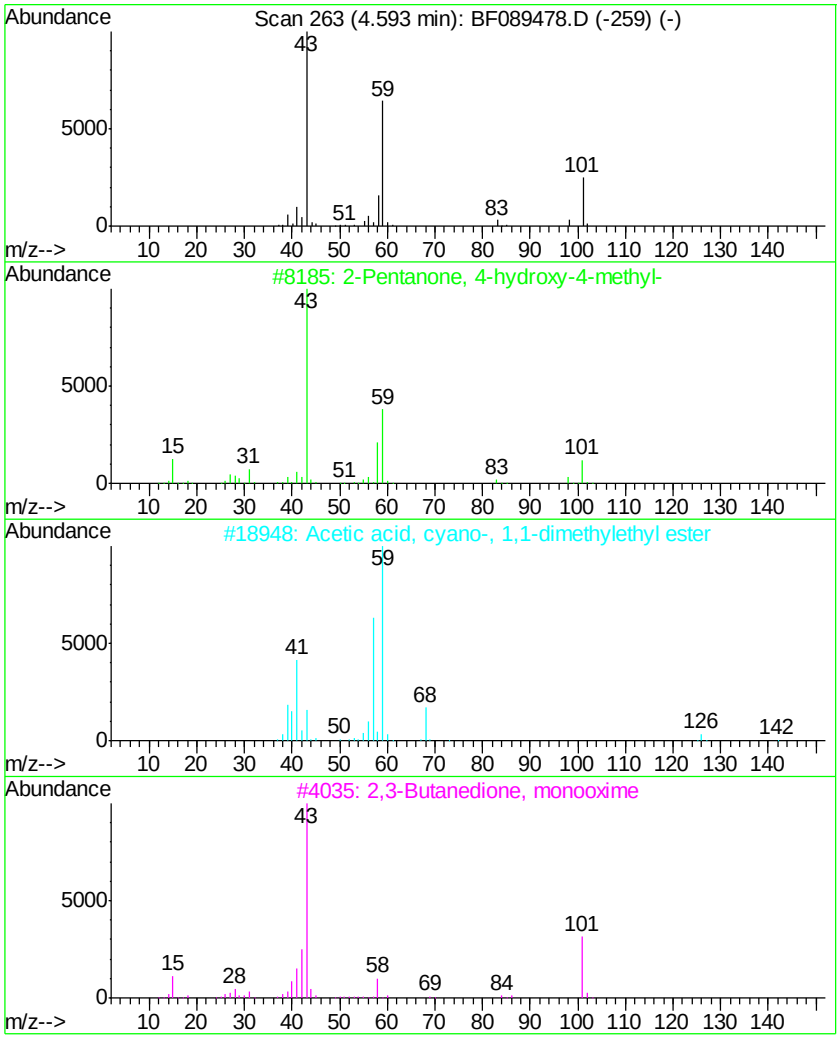
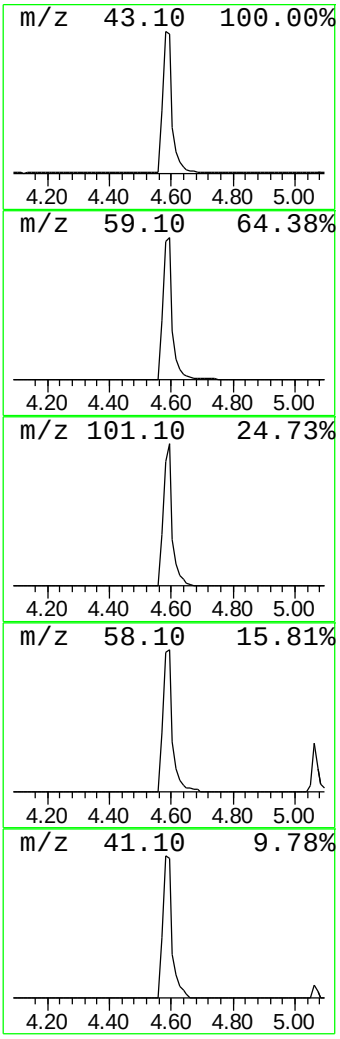
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	51.02 ng	593316	1,4-Dichlorobenzene-d4	6.49

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	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

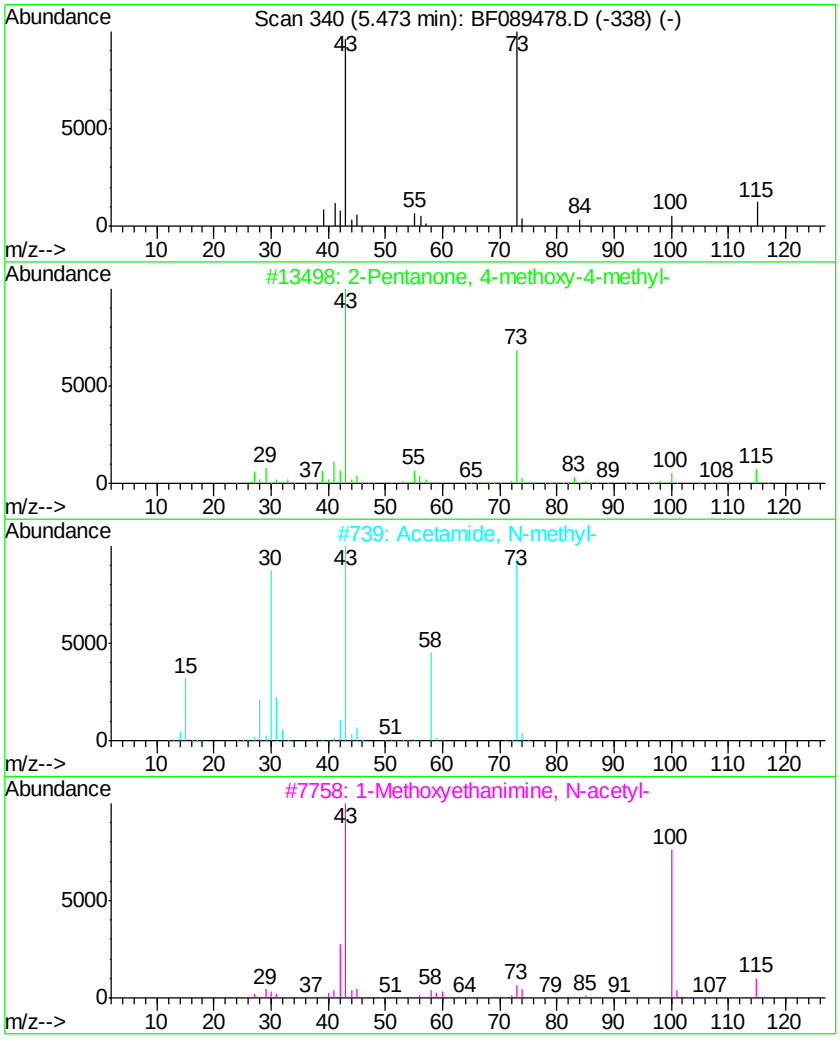
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

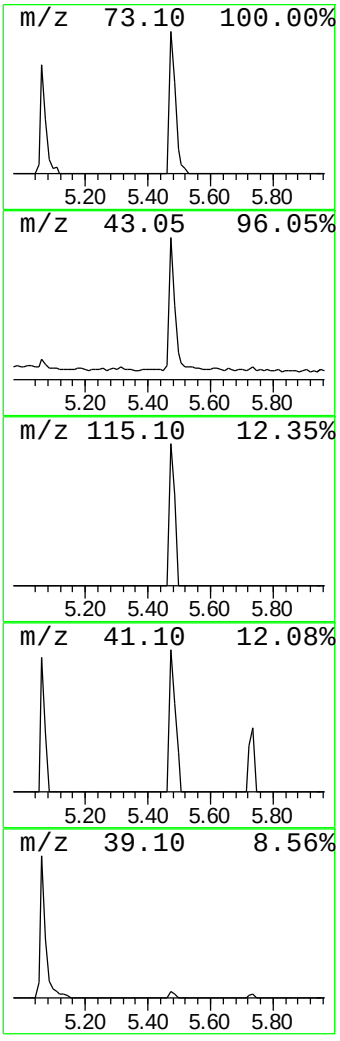
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.82 ng	32751	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	50
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	8-Aminocaprylic acid	159	C8H17NO2	001002-57-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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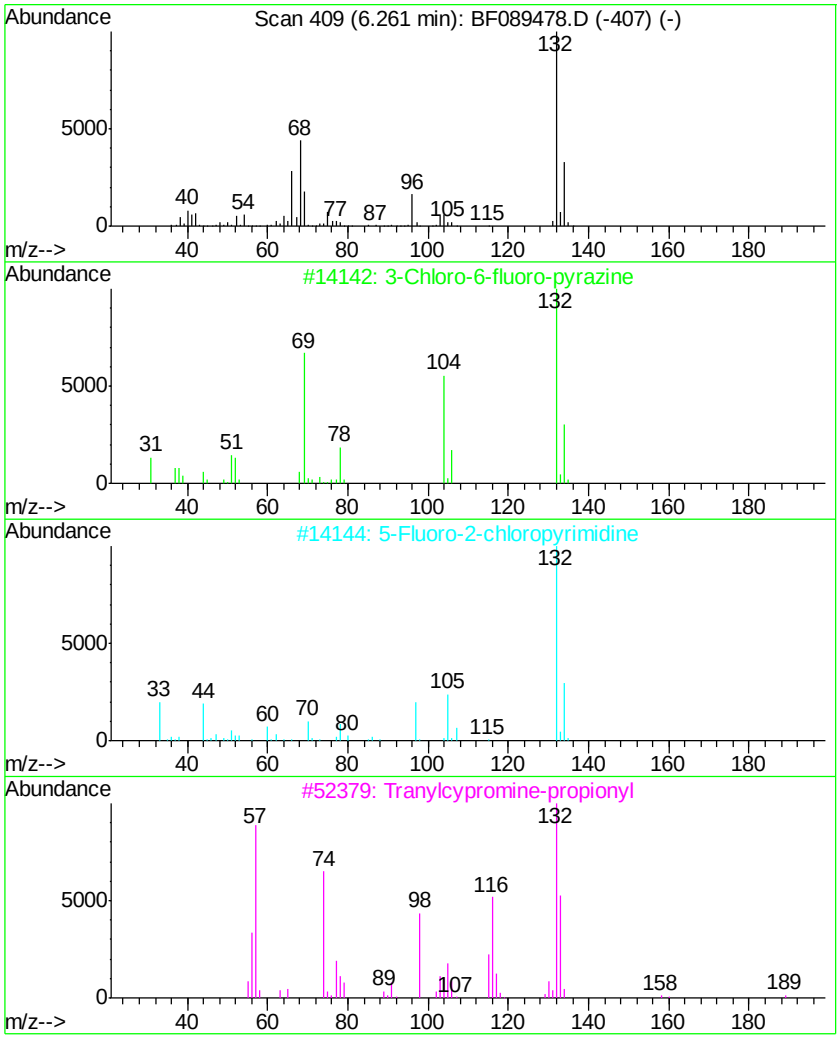
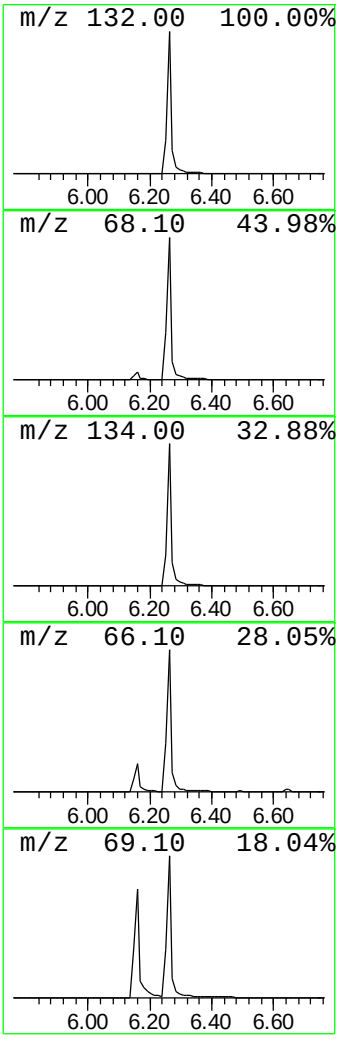
Peak Number 4 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	127.93 ng	1487730	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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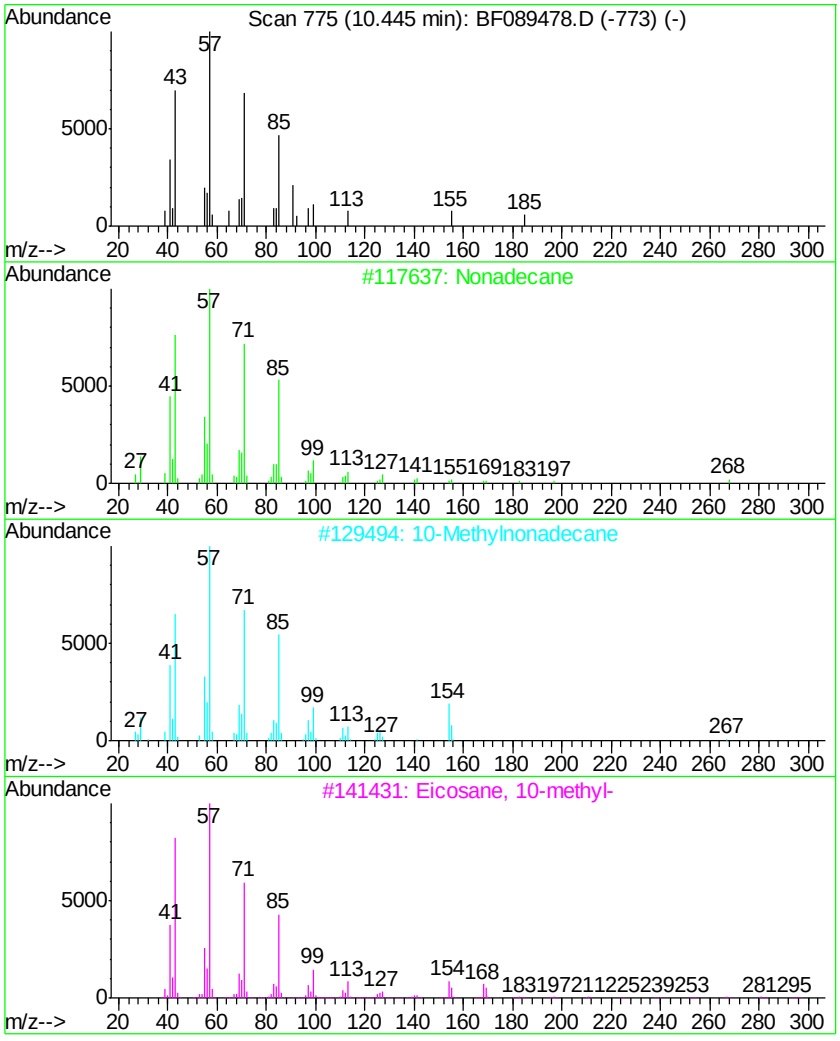
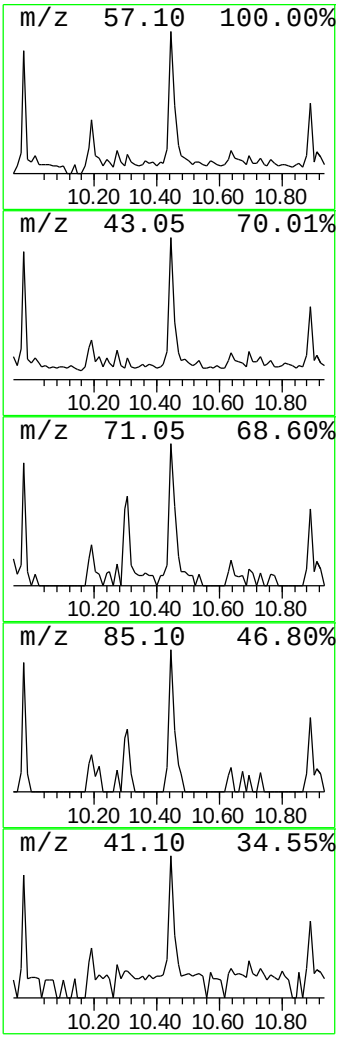
Peak Number 6 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	3.75 ng	41581	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	10-Methylnonadecane	282	C20H42	056862-62-5	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Octacosane	394	C28H58	000630-02-4	80
5	Heneicosane	296	C21H44	000629-94-7	78





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Sample : H4265-01
Misc :
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Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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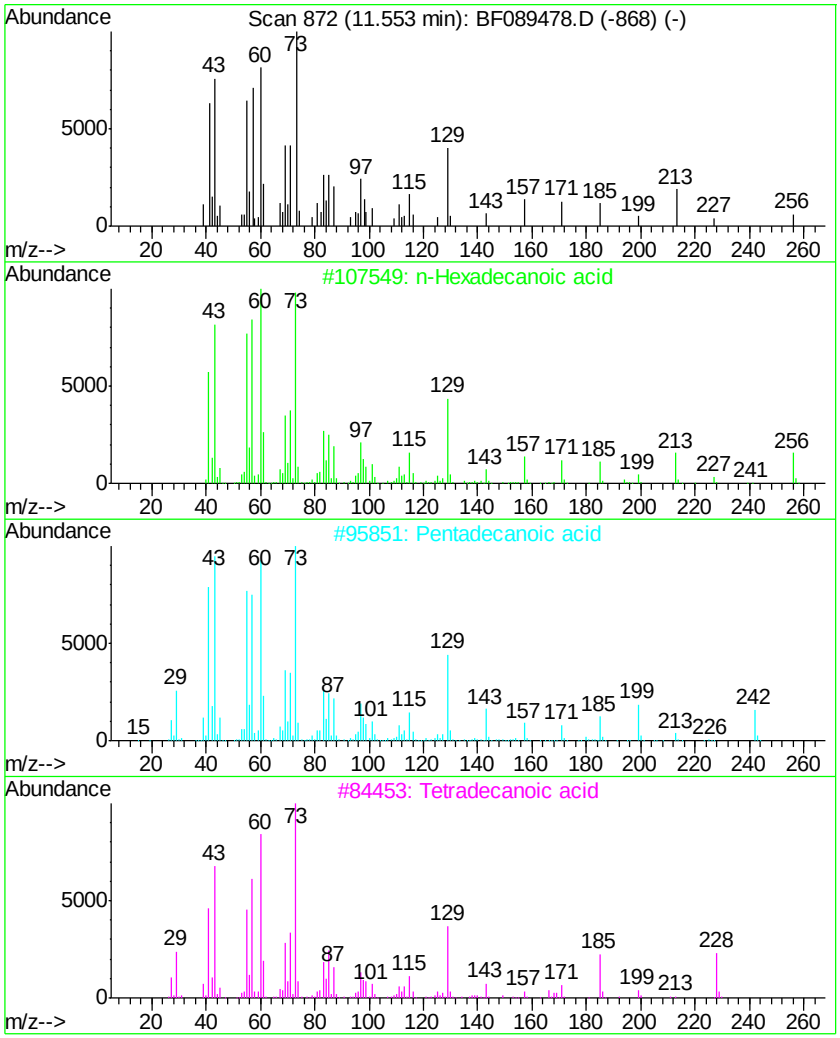
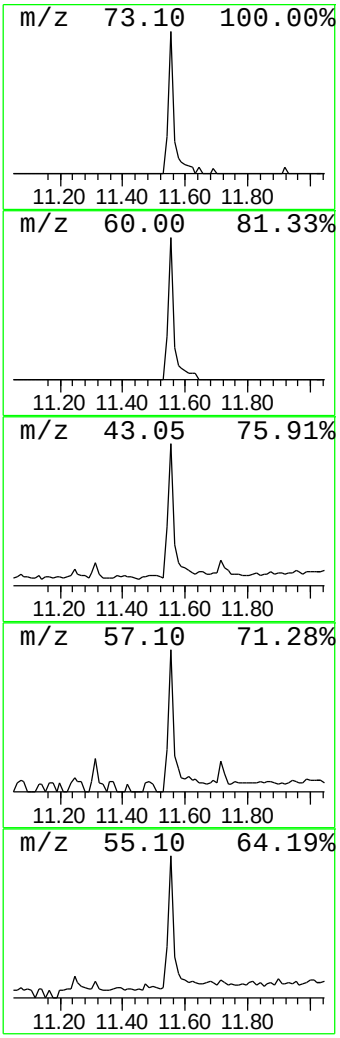
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	9.70 ng	107549	Phenanthrene-d10	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18





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Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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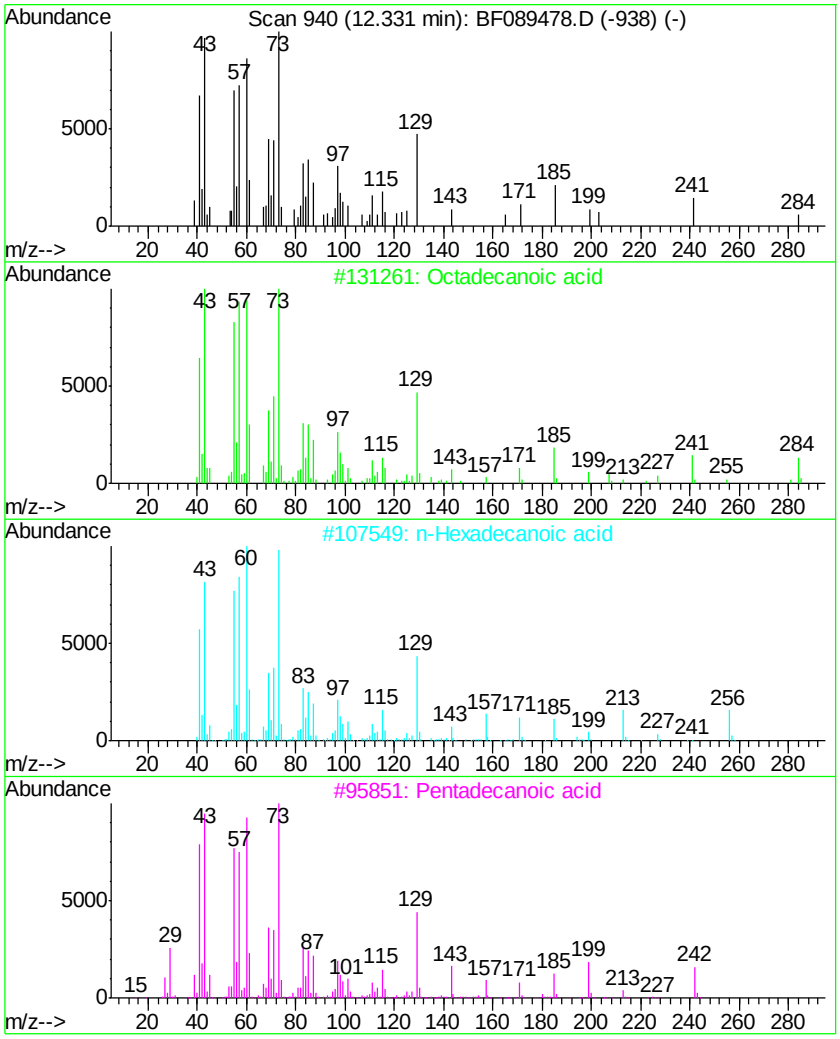
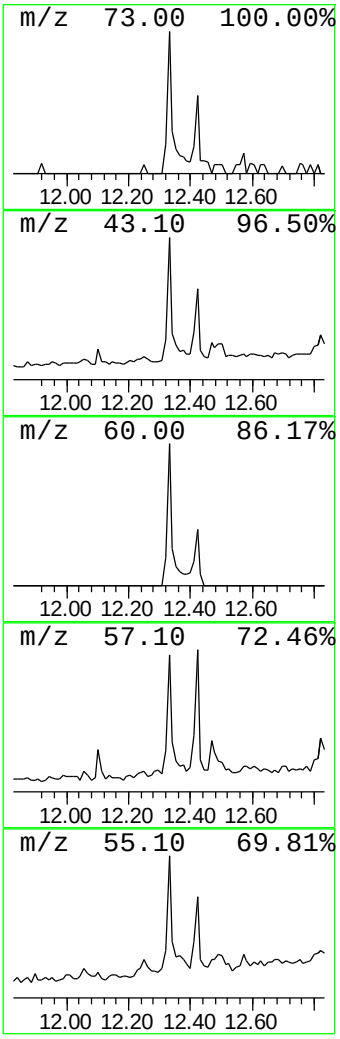
Peak Number 8 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	2.54 ng	67053	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18





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Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

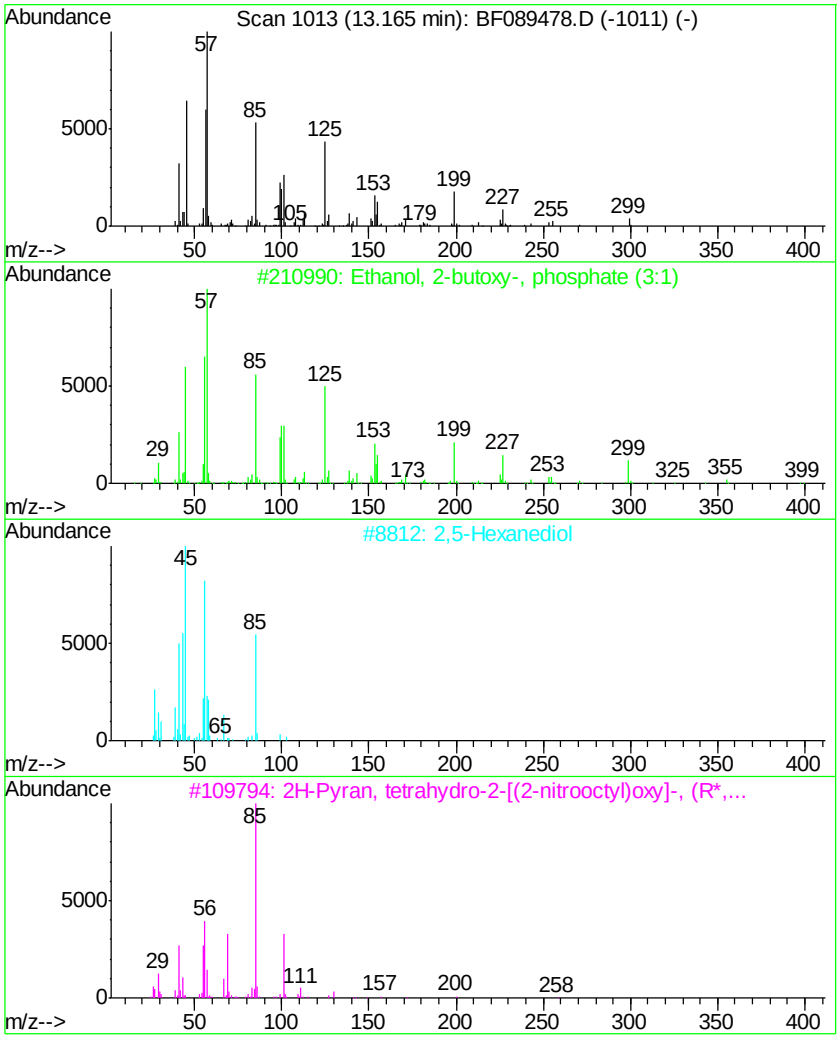
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

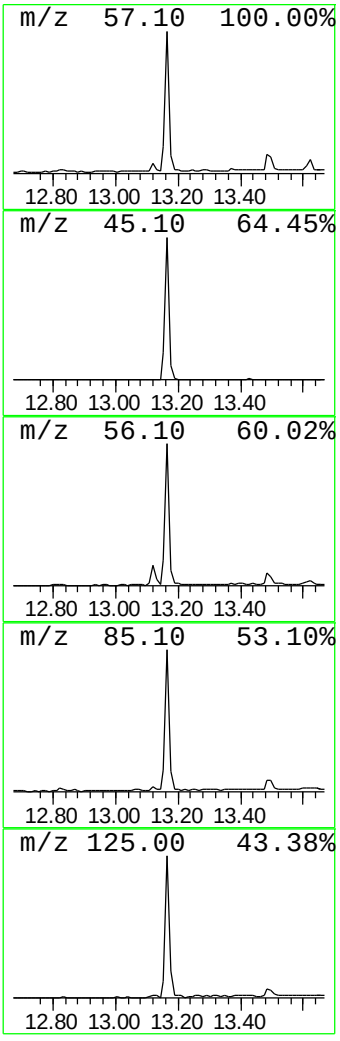
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Ethanol, 2-butoxy-, phospha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	12.72 ng	335393	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2	2,5-Hexanediol	118	C6H14O2	002935-44-6	35
3	2H-Pyran, tetrahydro-2-[(2-nitro...	259	C13H25NO4	1000188-29-8	16
4	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	14
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	10





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Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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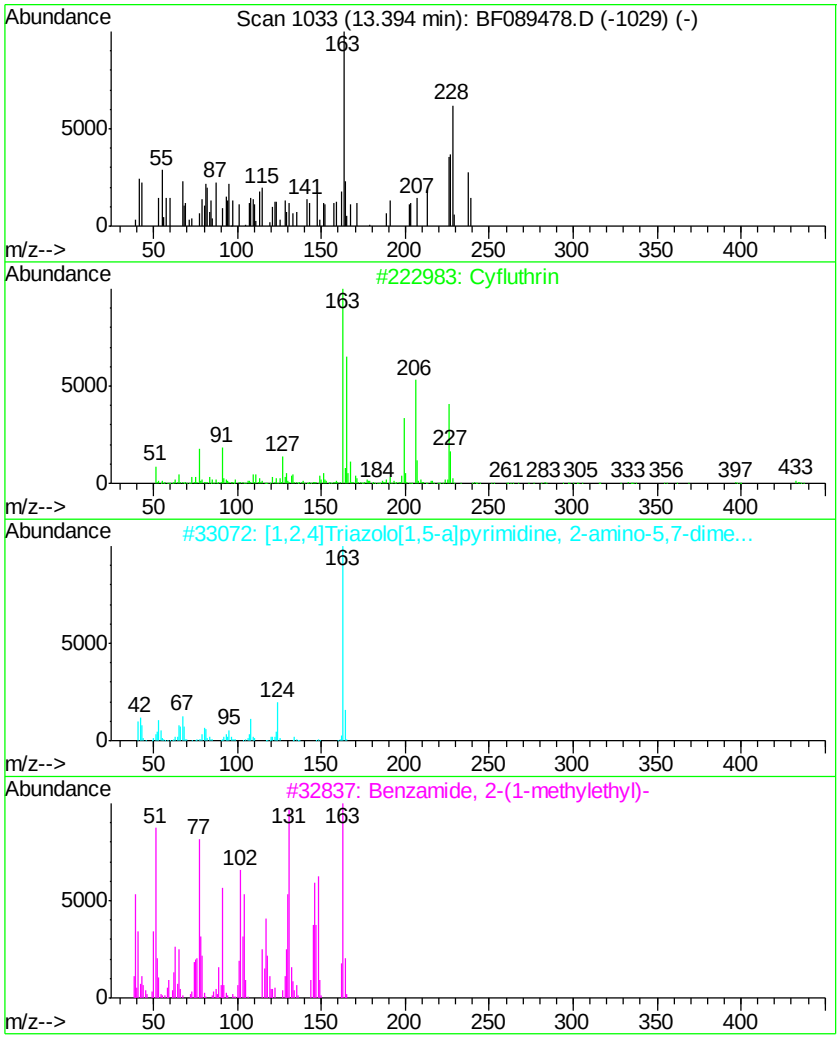
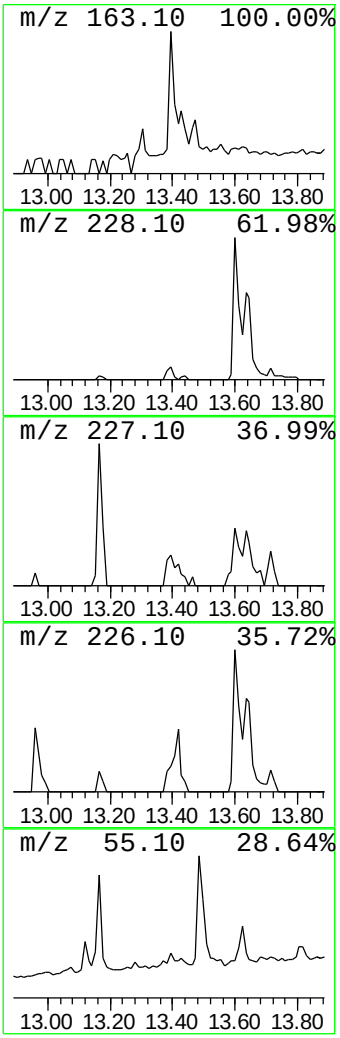
Peak Number 10 unknown13.39 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.42 ng	63777	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyfluthrin	433	C22H18Cl2FNO3	068359-37-5	35
2	[1,2,4]Triazolo[1,5-a]pyrimidine...	163	C7H9N5	007135-02-6	27
3	Benzamide, 2-(1-methylethyl)-	163	C10H13NO	056177-33-4	25
4	3,5,6-Trimethyl-triazolo[3,4-c]t...	163	C7H9N5	061139-80-8	22
5	Silane, triethoxyethyl-	192	C8H20O3Si	000078-07-9	22





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Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

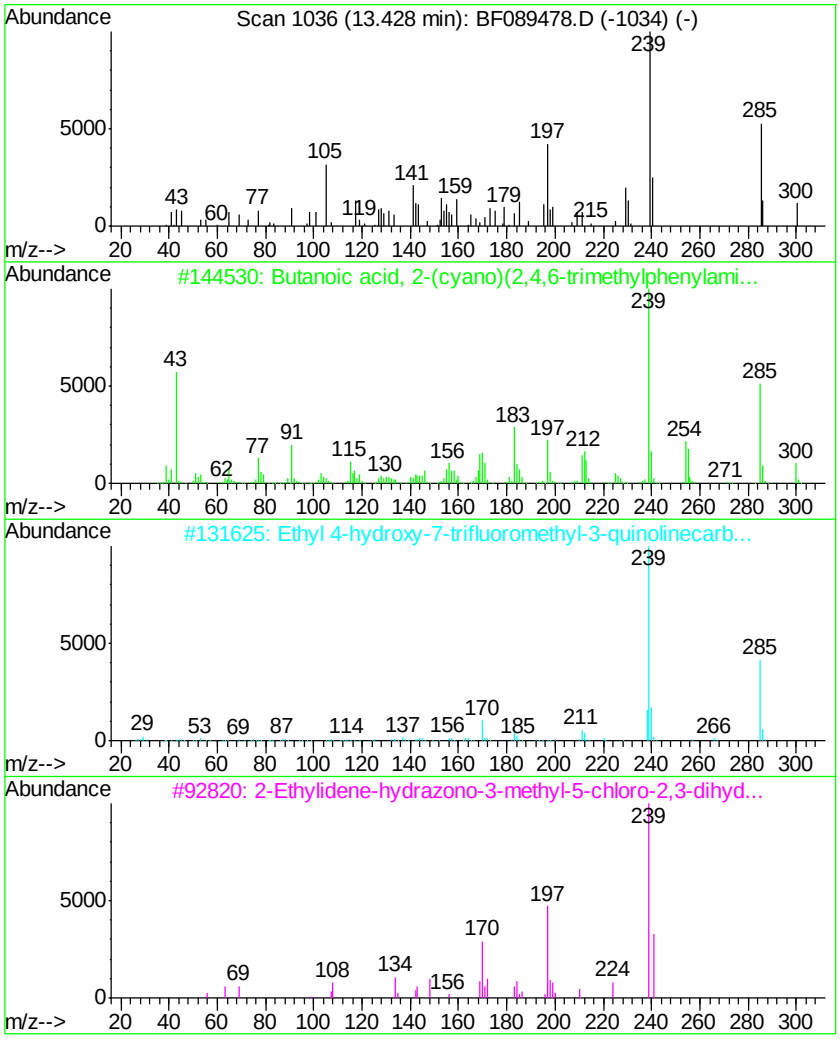
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

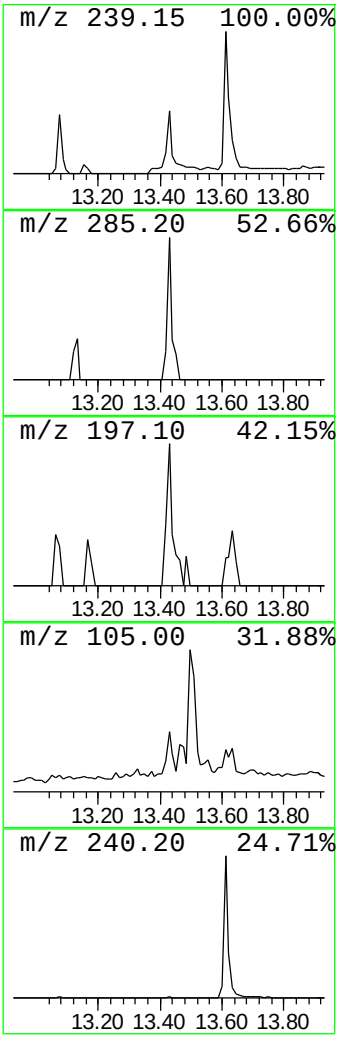
****

Peak Number 11 unknown13.43 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.39 ng	63063	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	49
2	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	46
3	2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	38
4	Morphinan-6-one, 4,5-epoxy-3-hyd...	285	C17H19NO3	000466-99-9	35
5	Phosphine, 3-butenyldiphenyl-	240	C16H17P	004124-07-6	30





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Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

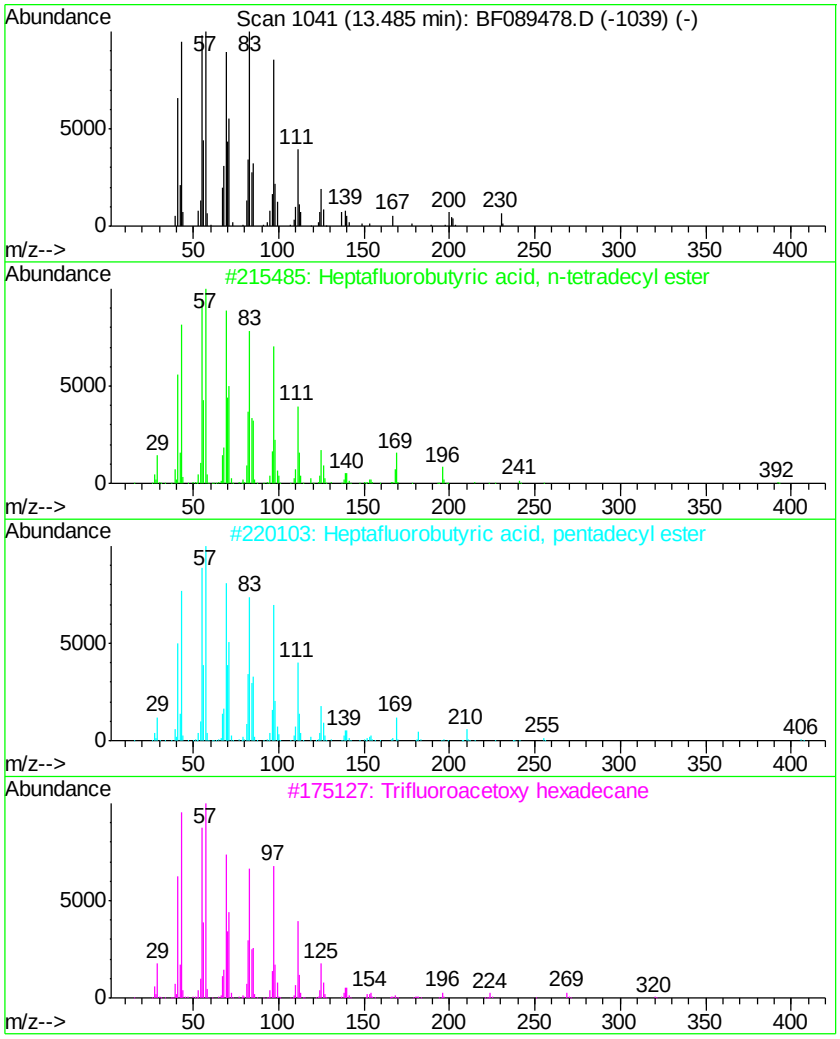
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

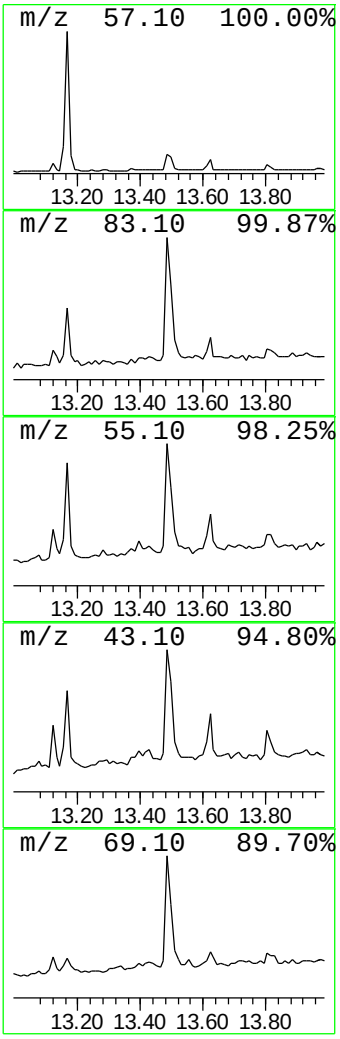
****

Peak Number 12 Heptafluorobutyric acid, n-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.85 ng	127804	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	92





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Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

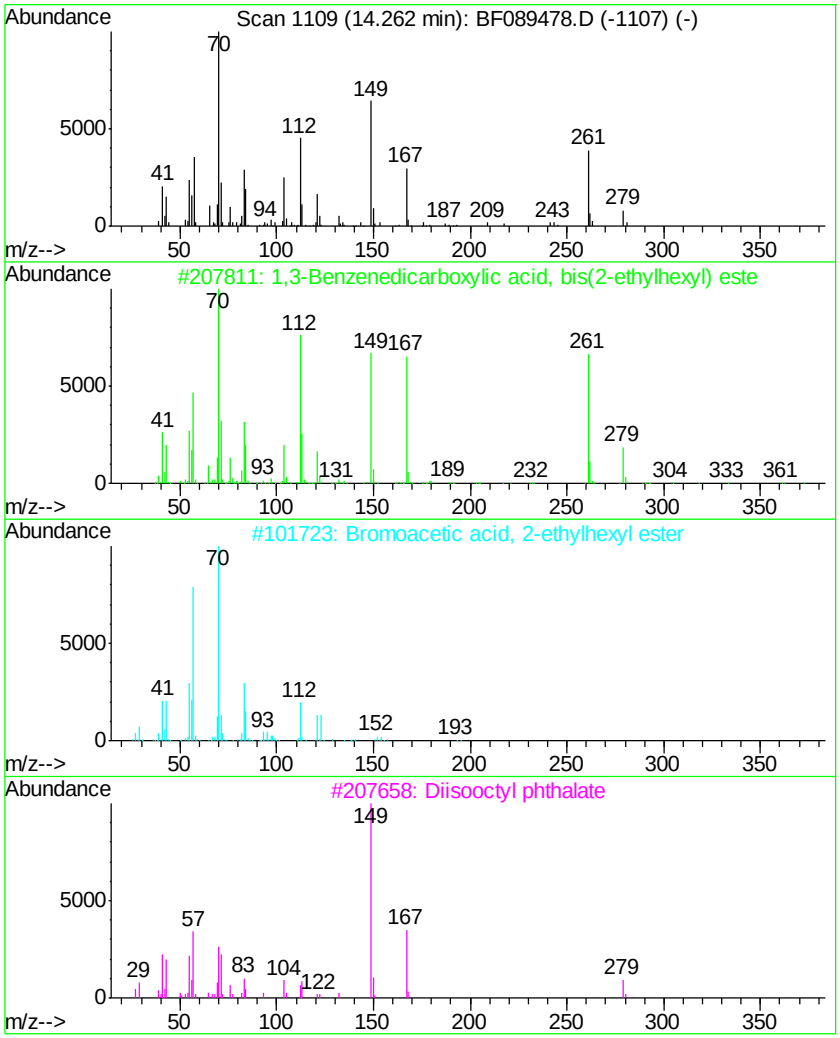
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

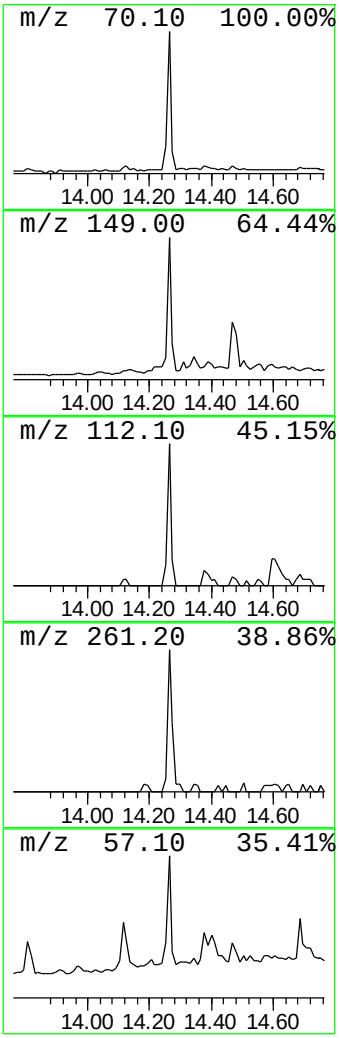
****

Peak Number 13 1,3-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.36 ng	115026	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	50
2	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	27
3	Diisooctyl phthalate	390	C24H38O4	000131-20-4	22
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22
5	Carbonic acid, propargyl 2-ethyl...	212	C12H20O3	1000357-90-9	14





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Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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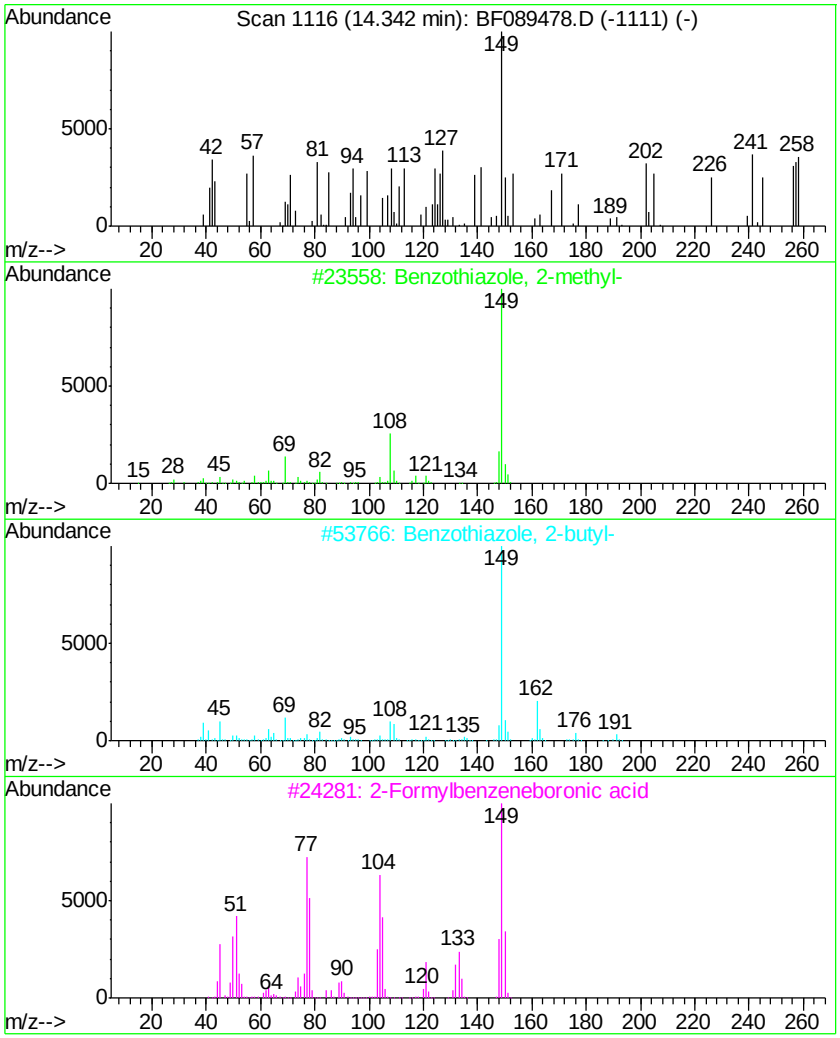
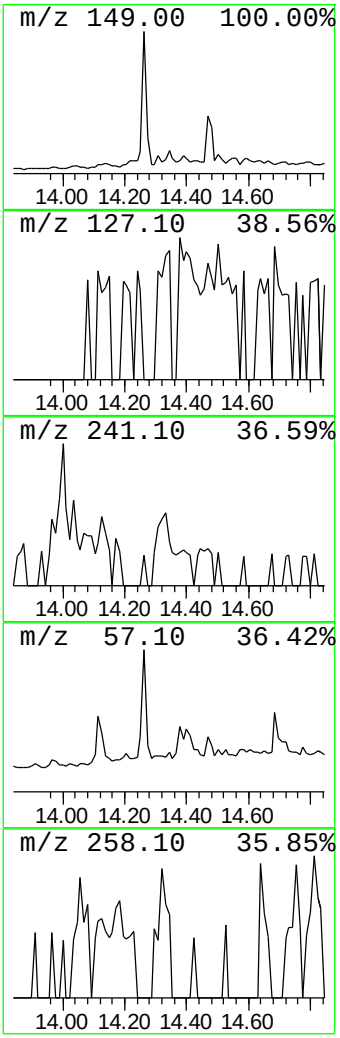
Peak Number 14 unknown14.34 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.86 ng	45141	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	11
2	Benzothiazole, 2-butyl-	191	C11H13NS	054798-95-7	10
3	2-Formylbenzeneboronic acid	150	C7H7BO3	040138-16-7	10
4	Phthalic acid, cyclohexylmethyl ...	366	C23H26O4	1000315-70-9	10
5	2,4,7,14-Tetramethyl-4-vinyl-tri...	290	C20H34O	1000193-31-2	10





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Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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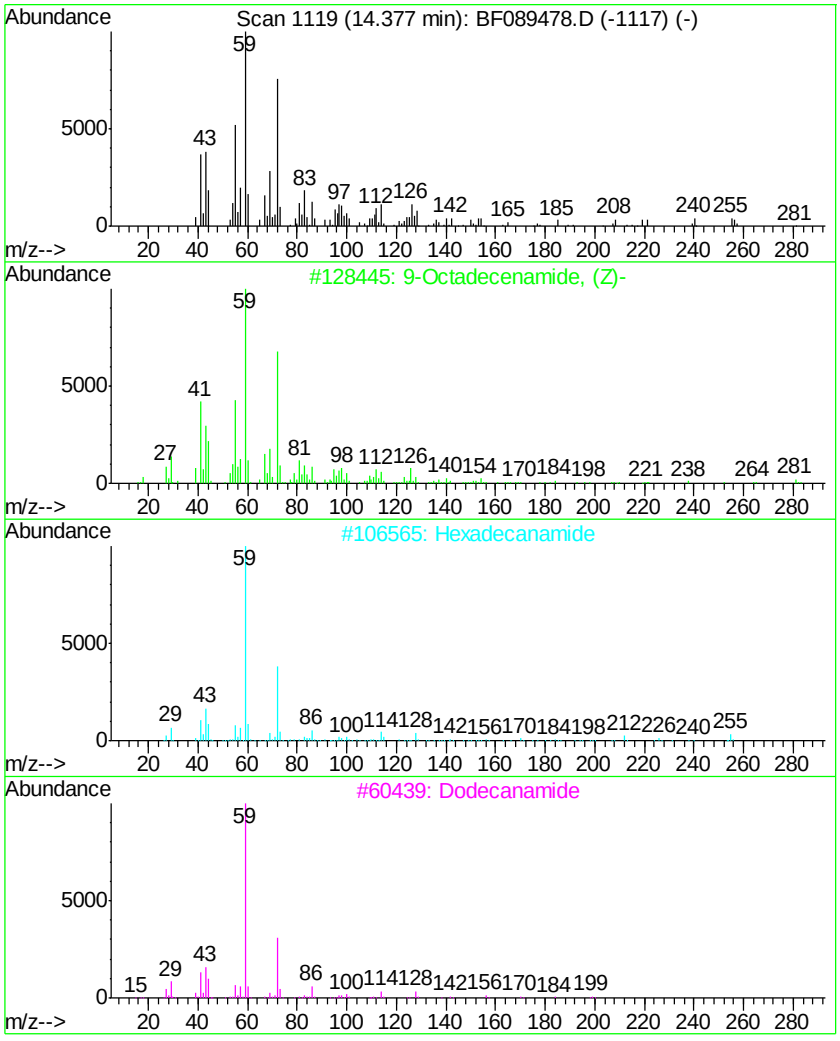
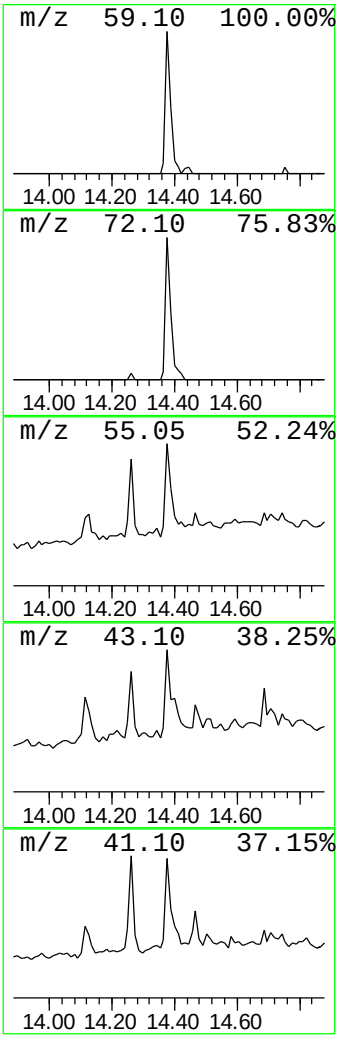
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.13 ng	112408	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Hexadecanamide	255	C16H33NO	000629-54-9	43
3	Dodecanamide	199	C12H25NO	001120-16-7	43
4	Cyclohexanecarboxamide	127	C7H13NO	001122-56-1	43
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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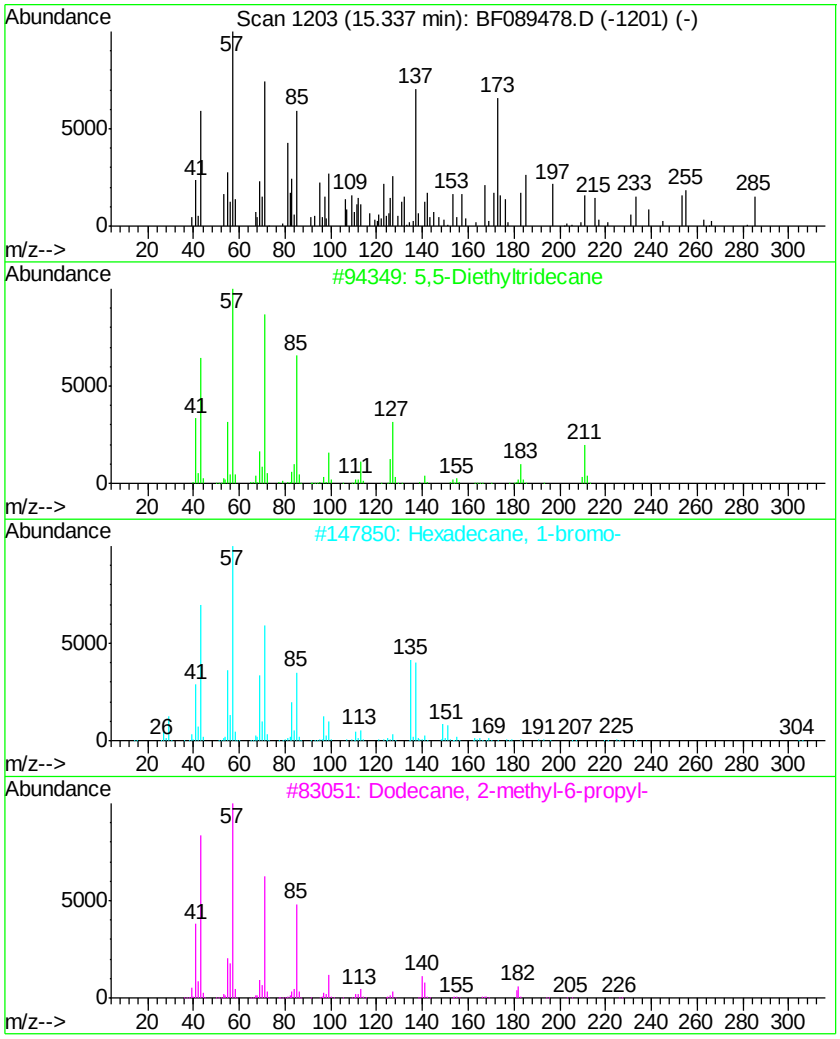
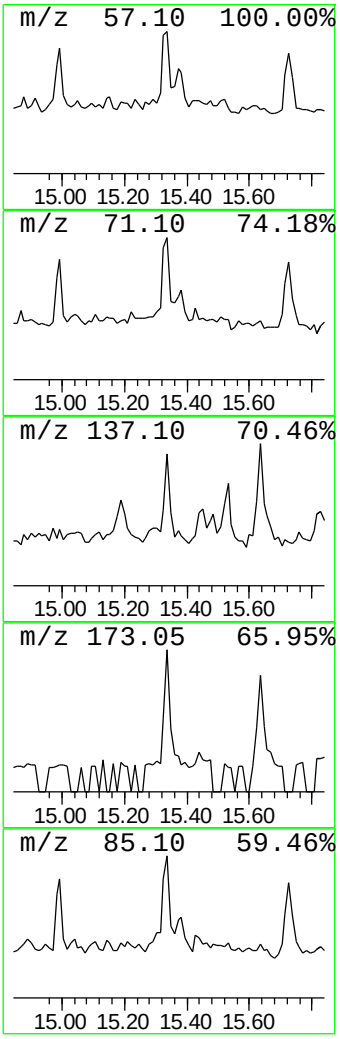
Peak Number 16 unknown15.34 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.38 ng	37569	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Diethyltridecane	240	C17H36	1000360-41-3	35
2	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	35
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	27
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	27
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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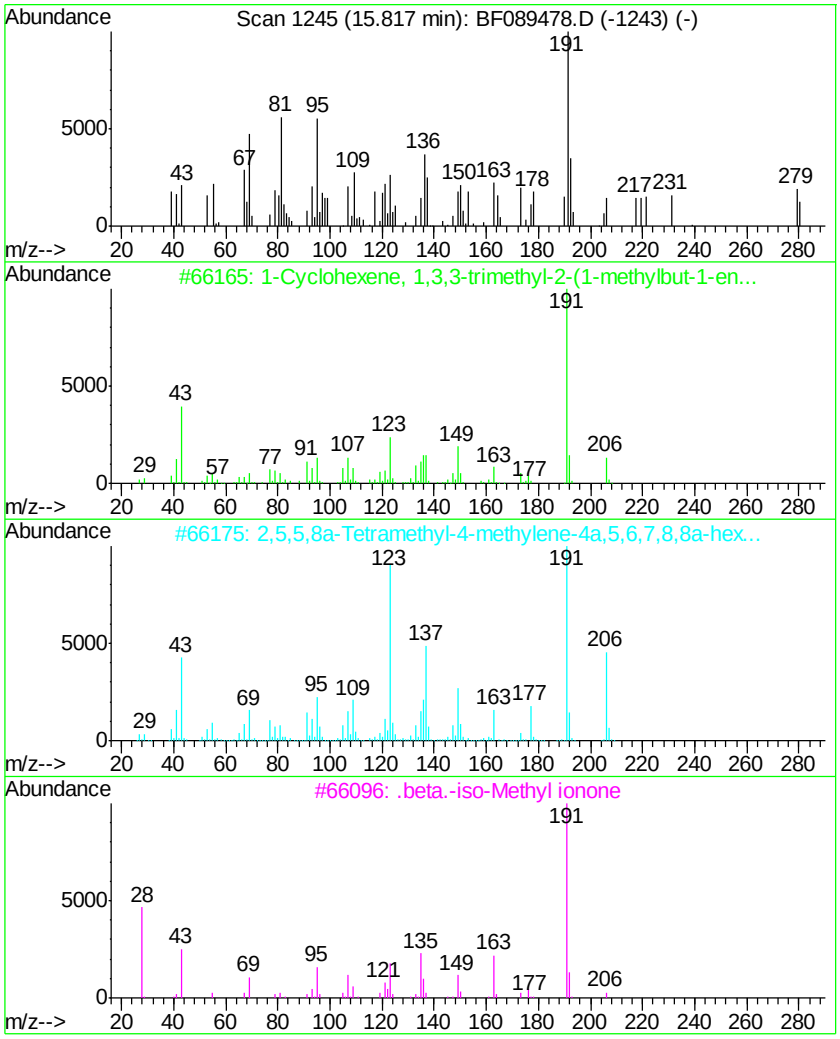
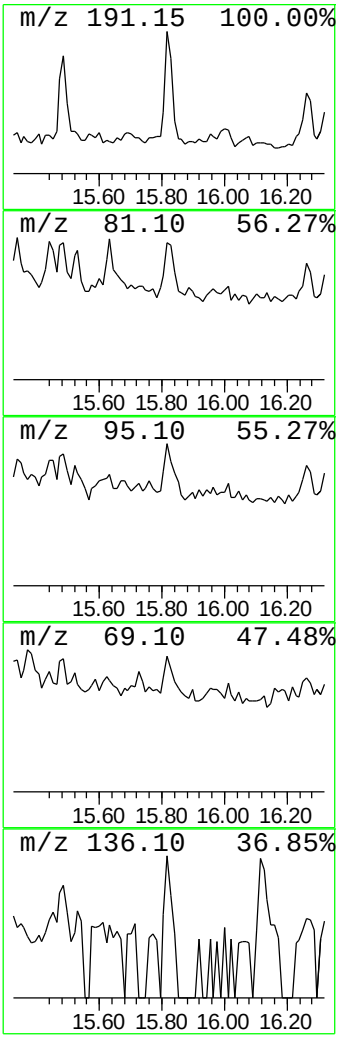
Peak Number 17 unknown15.82 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	4.51 ng	71077	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	43
2	2,5,5,8a-Tetramethyl-4-methylene...	206	C14H22O	093175-76-9	32
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	32
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	27
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	27





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Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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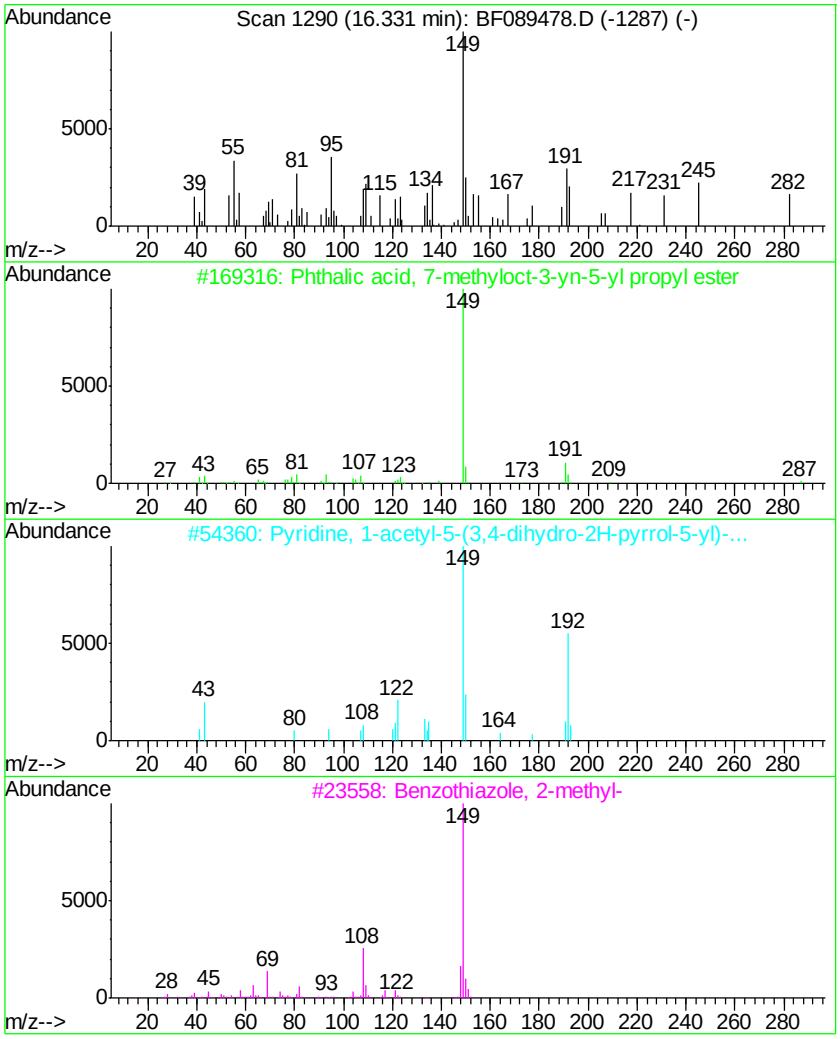
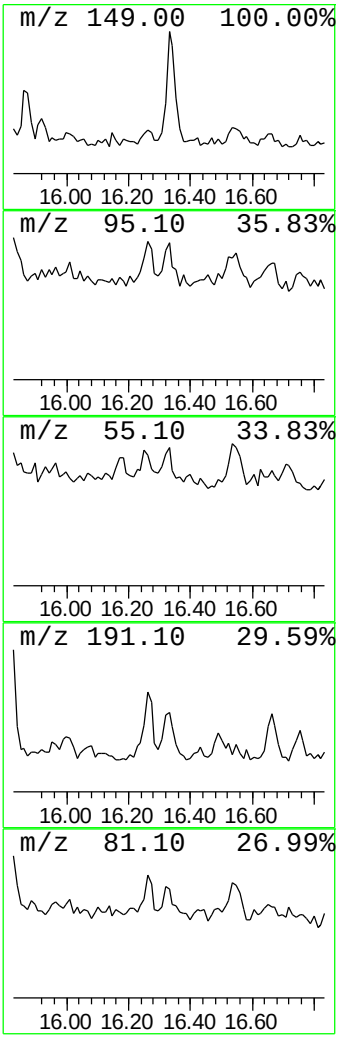
Peak Number 18 unknown16.33 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.98 ng	62729	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 7-methyloct-3-yn-...	330	C20H26O4	1000315-42-5	35
2	Pyridine, 1-acetyl-5-(3,4-dihydr...	192	C11H16N2O	054966-57-3	32
3	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	25
4	3-OXO-18-NOR-ENT-ROS-4-ENE-15.be...	346	C22H34O3	1000146-56-5	22
5	Phthalic acid, 2-ethylhexyl 3-me...	368	C23H28O4	1000315-51-5	22





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Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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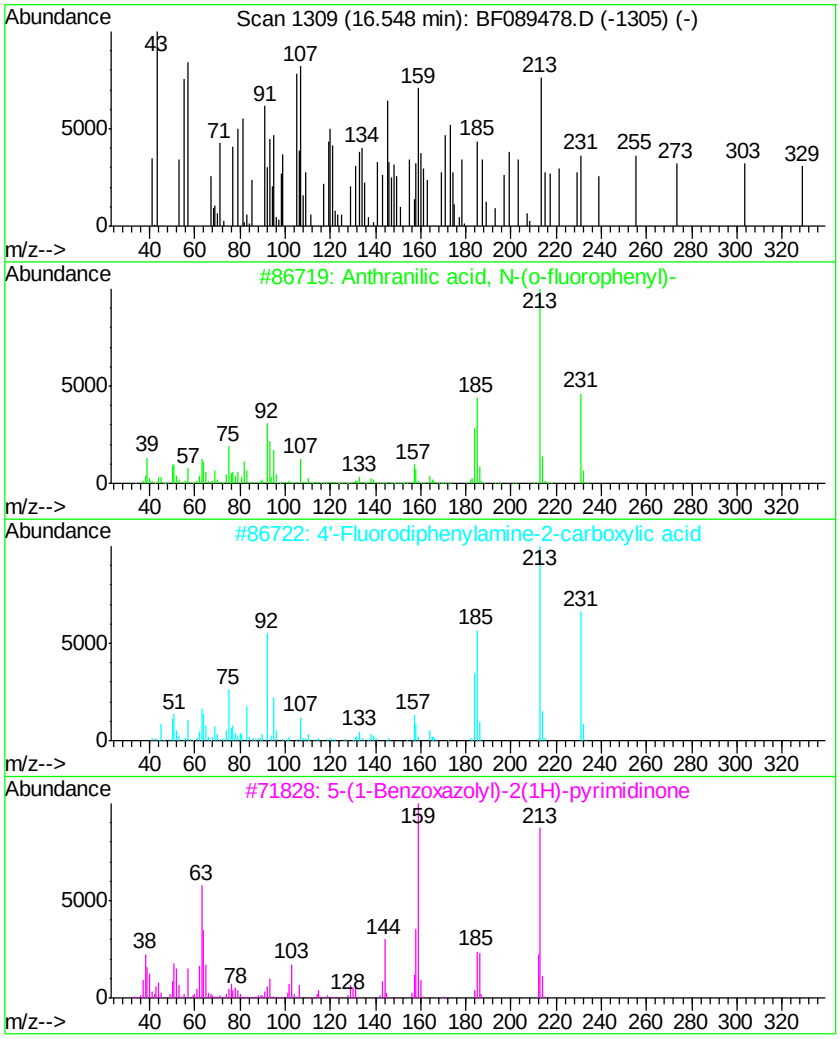
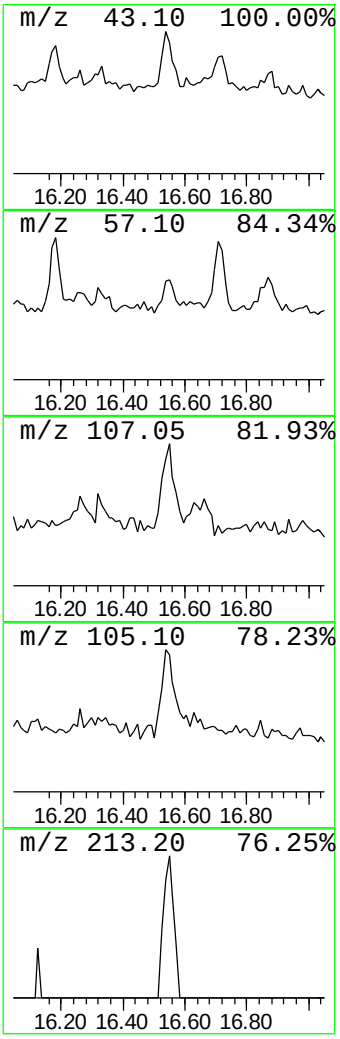
Peak Number 19 unknown16.55 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	5.07 ng	79974	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthranilic acid, N-(o-fluorophe...	231	C13H10FNO2	000054-58-0	18
2	4'-Fluorodiphenylamine-2-carboxy...	231	C13H10FNO2	000054-60-4	18
3	5-(1-Benzoxazolyl)-2(1H)-pyrimid...	213	C11H7N3O2	349488-95-5	14
4	2-Chloroethyl p-tolylcarbamate	213	C10H12ClNO2	074552-28-6	11
5	Glutaric acid, ethyl 2-iodobenzy...	376	C14H17IO4	1000376-87-5	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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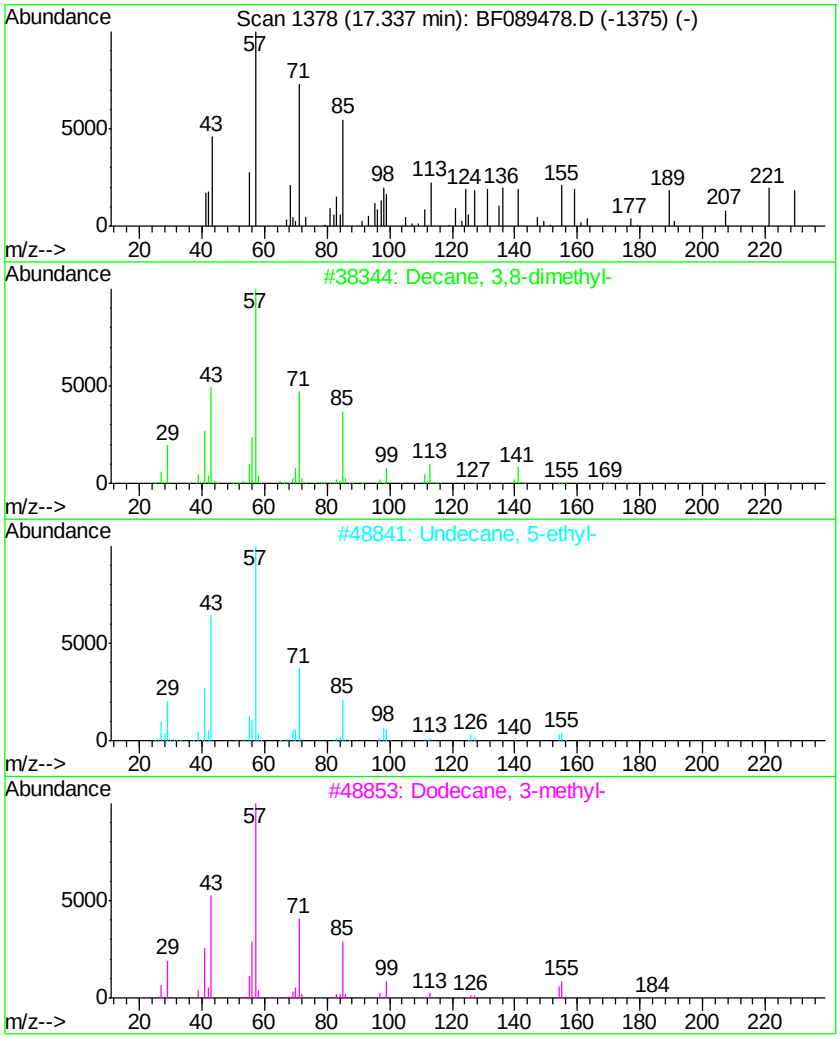
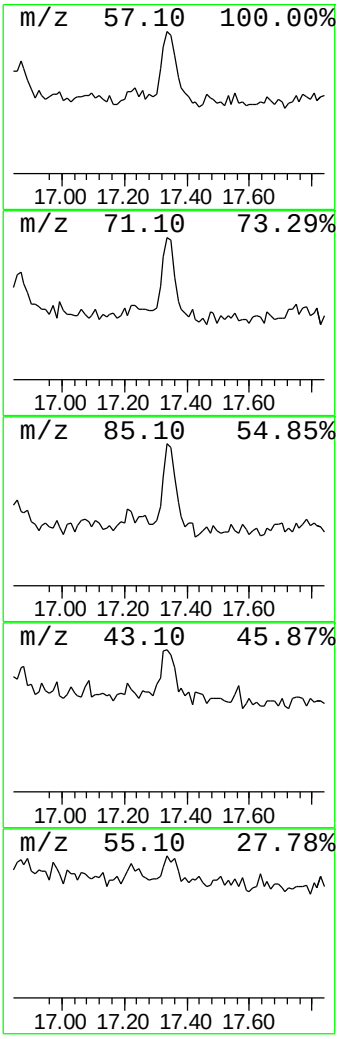
Peak Number 20 unknown17.34 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	2.74 ng	43207	Perylene-d12	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	43
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	38
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073116\
Data File : BF089478.D
Acq On : 31 Jul 2016 18:48
Operator : UM/SJ
Sample : H4265-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCUL-COMP(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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...	4.59	51.0	ng	593316	1	6.49	232580	20.0
2-Pentanone, 4-me...	5.47	2.8	ng	32751	1	6.49	232580	20.0
unknown6.26	6.26	127.9	ng	1487730	1	6.49	232580	20.0
Nonadecane	10.44	3.8	ng	41581	4	10.99	221860	20.0
n-Hexadecanoic acid	11.55	9.7	ng	107549	4	10.99	221860	20.0
Octadecanoic acid	12.33	2.5	ng	67053	5	13.61	527441	20.0
Ethanol, 2-butoxy...	13.17	12.7	ng	335393	5	13.61	527441	20.0
unknown13.39	13.39	2.4	ng	63777	5	13.61	527441	20.0
unknown13.43	13.43	2.4	ng	63063	5	13.61	527441	20.0
Heptafluorobutyri...	13.49	4.8	ng	127804	5	13.61	527441	20.0
1,3-Benzenedicarb...	14.26	4.4	ng	115026	5	13.61	527441	20.0
unknown14.34	14.34	2.9	ng	45141	6	14.95	315328	20.0
9-Octadecenamide,...	14.38	7.1	ng	112408	6	14.95	315328	20.0
unknown15.34	15.34	2.4	ng	37569	6	14.95	315328	20.0
unknown15.82	15.82	4.5	ng	71077	6	14.95	315328	20.0
unknown16.33	16.33	4.0	ng	62729	6	14.95	315328	20.0
unknown16.55	16.55	5.1	ng	79974	6	14.95	315328	20.0
unknown17.34	17.34	2.7	ng	43207	6	14.95	315328	20.0