LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089382.D
Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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	1.678	7	8	55	rVB	1141703	2556757	100.00%	17.006%
2	4.639	265	267	276	rBV	32492	66090	2.58%	0.440%
3	5.096	305	307	323	rBV	878237	1017766	39.81%	6.769%
4	6.182	400	402	410	rBV	810658	1021847	39.97%	6.797%
5	6.296	410	412	414	rVV	854657	1107488	43.32%	7.366%
6	6.387	418	420	430	rVB	82929	142544	5.58%	0.948%
7	6.525	430	432	438	rBV	265354	266277	10.41%	1.771%
8	6.605	438	439	443	rBV	17481	31521	1.23%	0.210%
9	6.673	443	445	448	rBV	660989	811766	31.75%	5.399%
10	7.096	480	482	499	rBV	598725	697870	27.30%	4.642%
11	7.348	502	504	507	rVB	45526	55011	2.15%	0.366%
12	7.805	542	544	547	rBV	286128	368409	14.41%	2.450%
13	8.399	594	596	600	rVB	41439	35720	1.40%	0.238%
14	8.891	637	639	641	rBV	1449728	1314250	51.40%	8.741%
15	9.165	661	663	672	rVV	10945	34134	1.34%	0.227%
16	9.291	672	674	683	rVB	326899	305231	11.94%	2.030%
17	9.554	695	697	699	rBV	494011	420268	16.44%	2.795%
18	10.342	764	766	768	rBV	556957	637158	24.92%	4.238%
19	10.479	776	778	781	rVV2	32745	39091	1.53%	0.260%
20	10.891	811	814	816	rBV3	52350	85717	3.35%	0.570%
21	11.028	823	826	827	rBV	340164	351951	13.77%	2.341%
22	11.554	869	872	874	rBV	161111	184829	7.23%	1.229%
23	11.588	874	875	878	rVB2	212696	254508	9.95%	1.693%
24	12.228	928	931	933	rBV	75722	72279	2.83%	0.481%
25	12.297	933	937	941	rBV	80291	186620	7.30%	1.241%
26	12.365	941	943	948	rVB	40308	53670	2.10%	0.357%
27	12.445	948	950	953	rBV	48036	75032	2.93%	0.499%
28	12.502	953	955	962	rVB	37871	41130	1.61%	0.274%
29	12.605	962	964	967	rBV	821843	866652	33.90%	5.764%
30	12.857	982	986	993	rBV2	27461	52965	2.07%	0.352%
31	13.200	1013	1016	1019	rBV	21334	28668	1.12%	0.191%
32	13.360	1027	1030	1032	rVB	95345	105712	4.13%	0.703%
33	13.520	1041	1044	1052	rBV3	92344	145205	5.68%	0.966%
34	13.645	1052	1055	1063	rVV2	300755	420413	16.44%	2.796%

LSC Area Percent Report

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Sample : H4176-11
Misc :
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Instrument : BNA_F
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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	14.148	1096	1099	1105	rBV	54047	92912	3.63%	0.618%
36	14.628	1139	1141	1147	rBV	31792	65764	2.57%	0.437%
37	14.720	1147	1149	1156	rBV2	66203	122029	4.77%	0.812%
38	14.834	1156	1159	1161	rBV	19278	26475	1.04%	0.176%
39	14.880	1161	1163	1165	rVB	22854	26490	1.04%	0.176%
40	14.925	1165	1167	1170	rBV	19071	28516	1.12%	0.190%
41	14.983	1170	1172	1175	rBV	213096	274188	10.72%	1.824%
42	15.371	1204	1206	1209	rBV	63668	104840	4.10%	0.697%
43	15.417	1209	1210	1213	rVB	16789	26916	1.05%	0.179%
44	16.000	1258	1261	1264	rBV2	16469	27887	1.09%	0.185%
45	16.194	1273	1278	1280	rBV2	42572	97674	3.82%	0.650%
46	16.240	1280	1282	1284	rVB	27541	44512	1.74%	0.296%
47	16.377	1291	1294	1303	rVB5	19423	52467	2.05%	0.349%
48	16.606	1310	1314	1321	rVV2	47721	113476	4.44%	0.755%
49	17.257	1365	1371	1377	rVB6	9397	38836	1.52%	0.258%
50	17.406	1381	1384	1390	rVB3	13078	37171	1.45%	0.247%

Sum of corrected areas: 15034702

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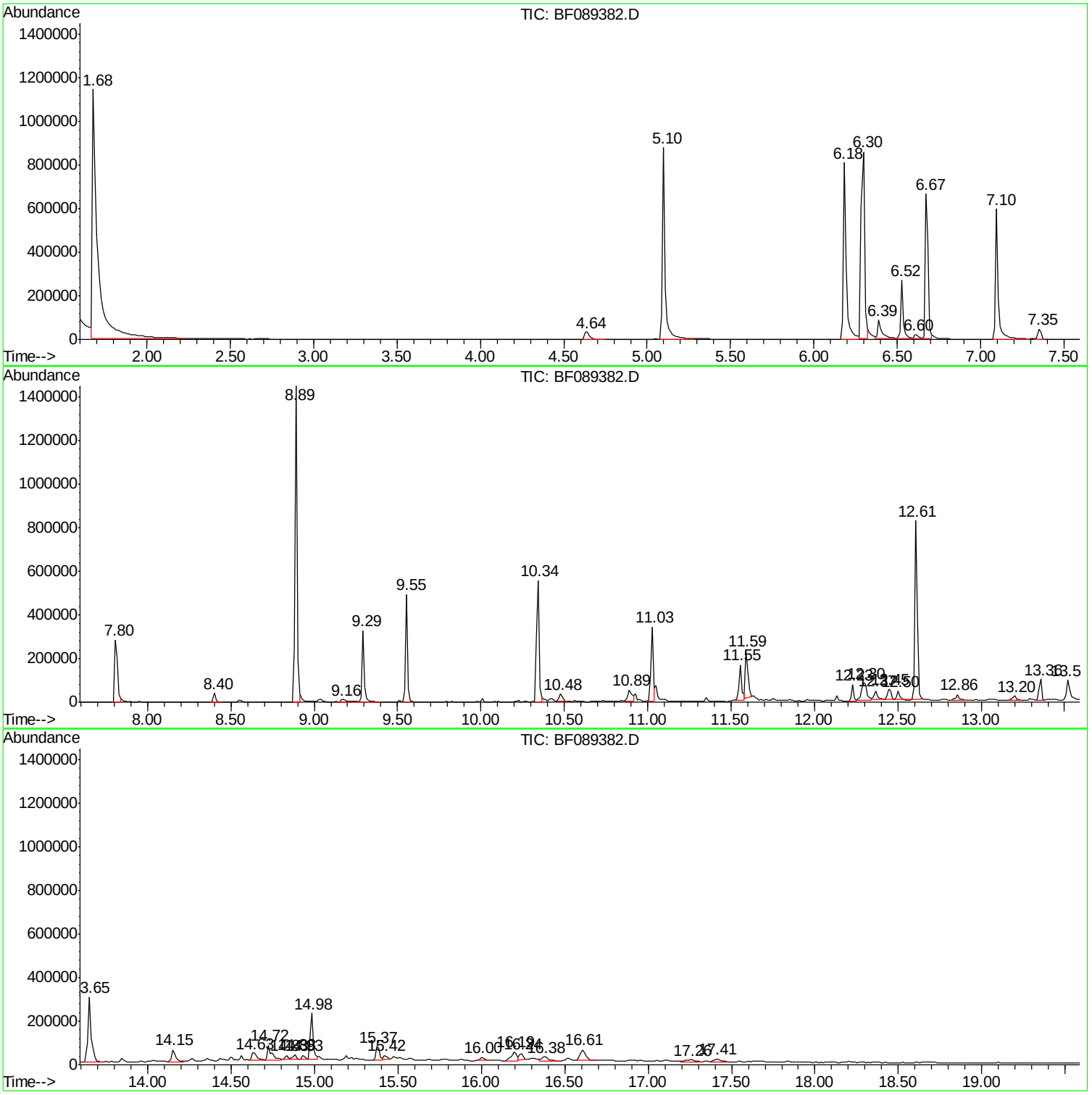
BNA_F
ClientSampleId :
SB-34-0.5-1.0

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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Operator : UM/SJ
Sample : H4176-11
Misc :
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Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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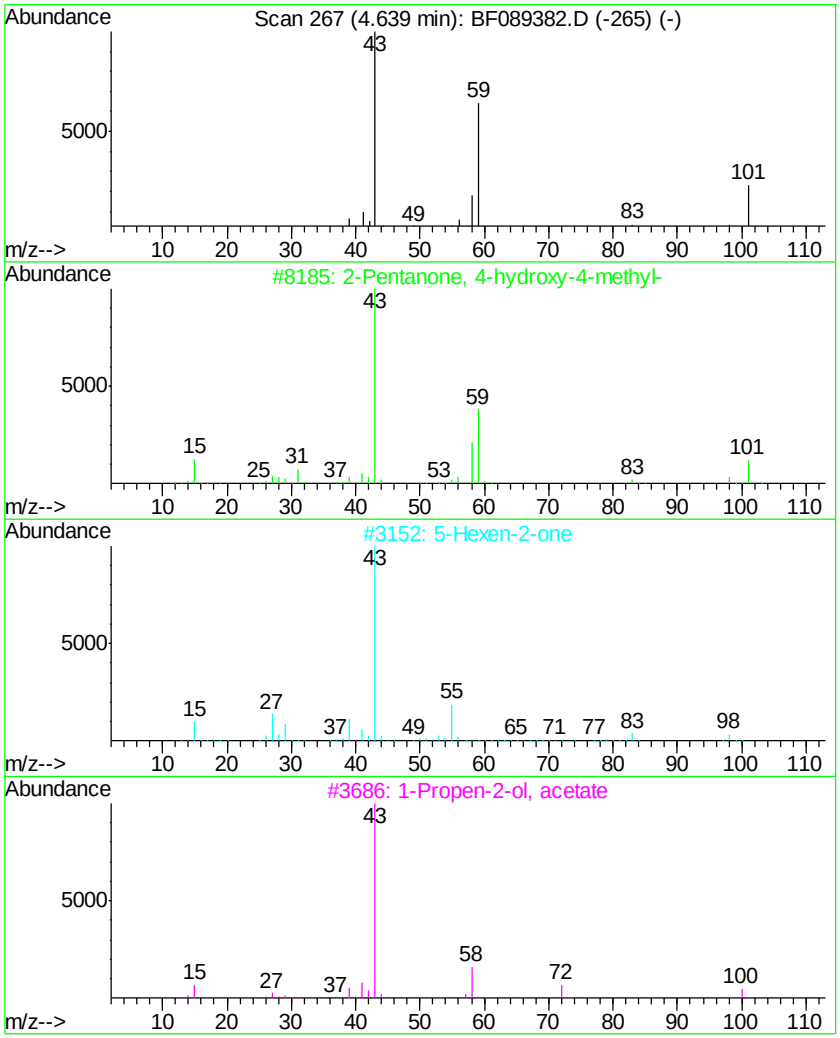
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

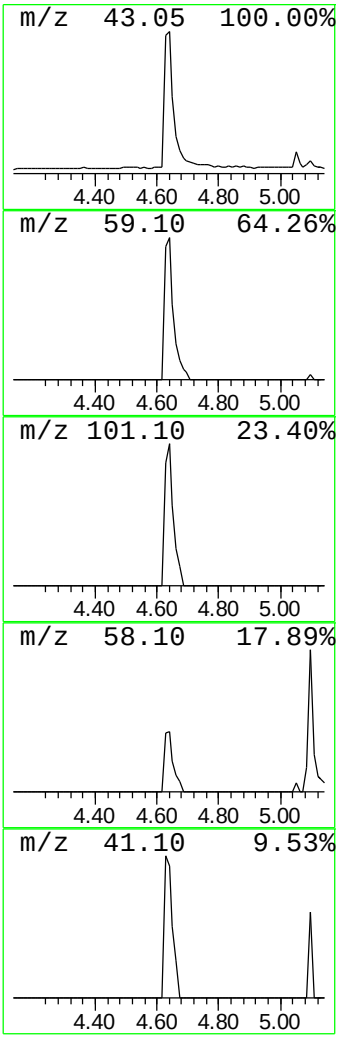
****

Peak Number 2 unknown4.64 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	4.96 ng	66090	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Nonanone	142	C9H18O	000821-55-6	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7





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Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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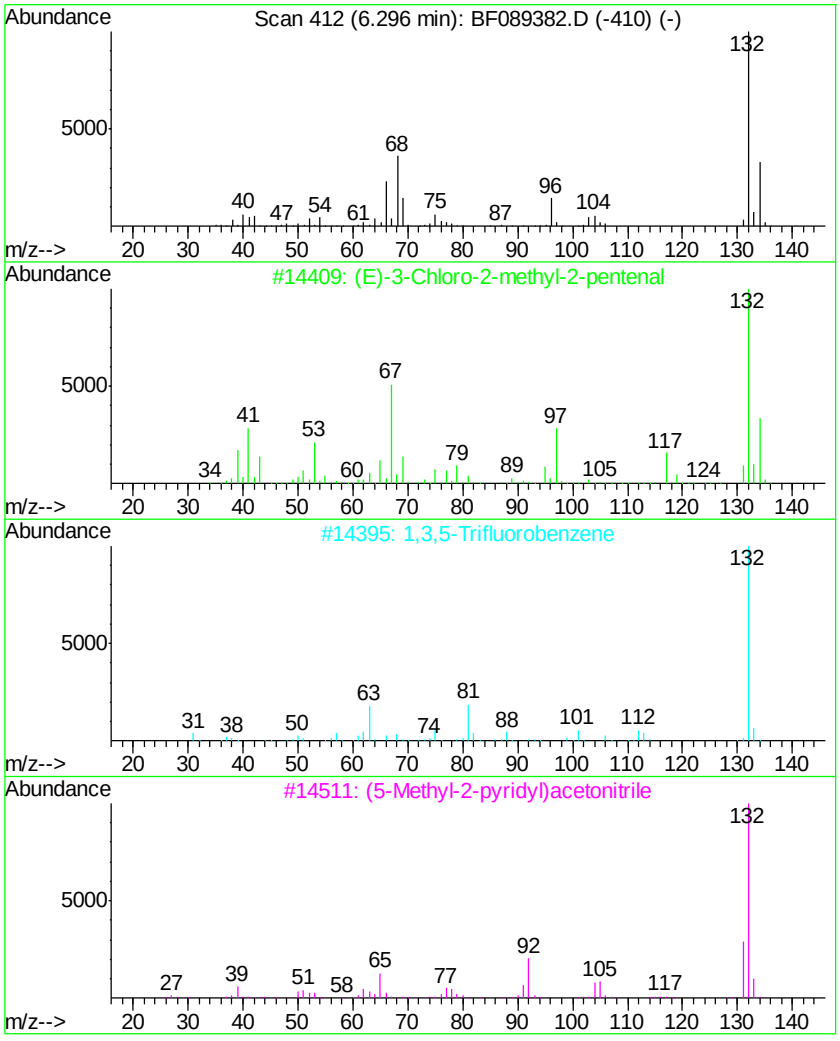
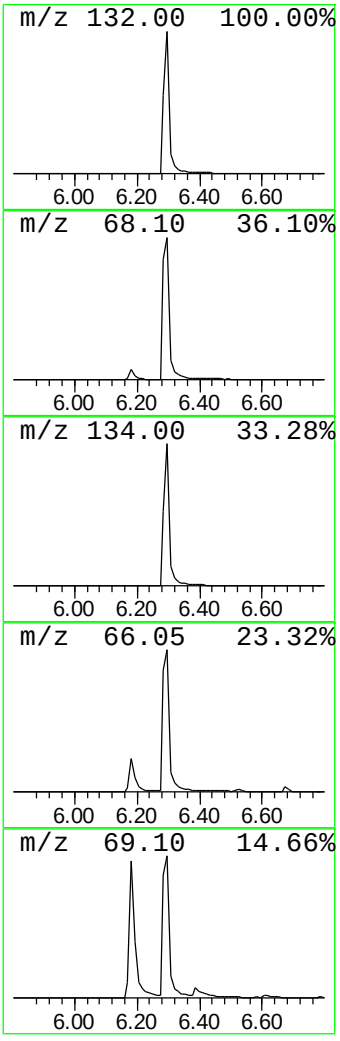
Peak Number 3 unknown6.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	83.18 ng	1107490	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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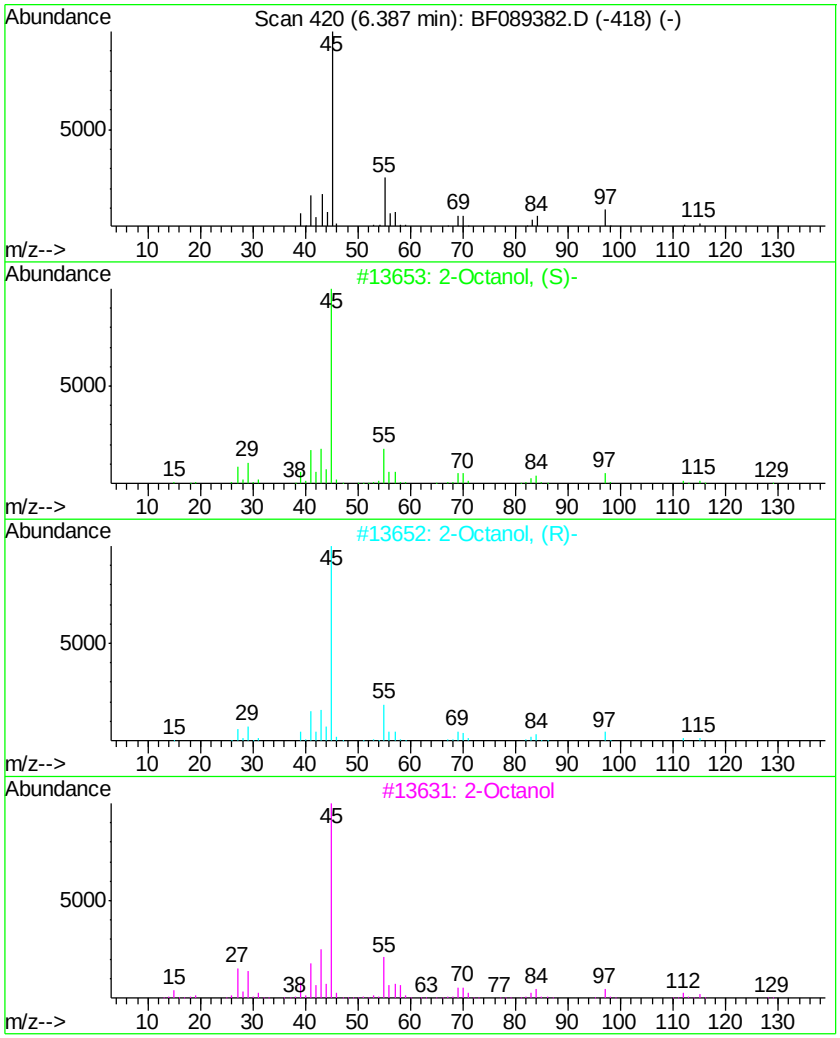
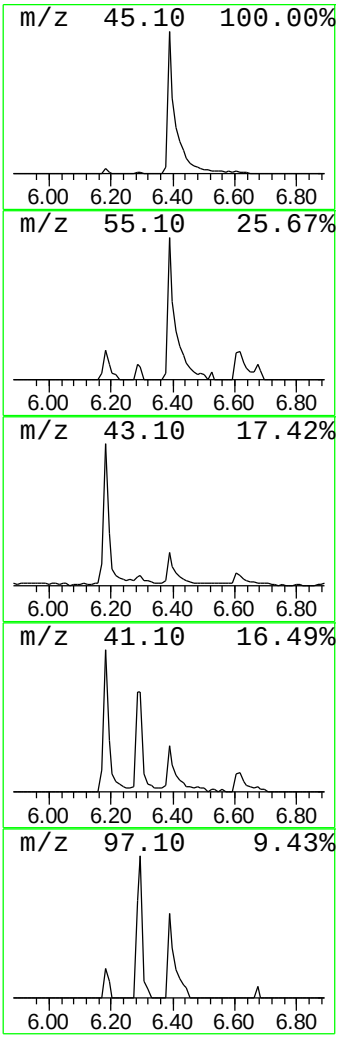
Peak Number 4 2-Octanol, (S)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	10.71 ng	142544	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol, (S)-	130	C8H18O	006169-06-8	83
2	2-Octanol, (R)-	130	C8H18O	005978-70-1	83
3	2-Octanol	130	C8H18O	000123-96-6	78
4	2-Heptanol, 6-methyl-	130	C8H18O	004730-22-7	78
5	2-Heptanol, (S)-	116	C7H16O	006033-23-4	64





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Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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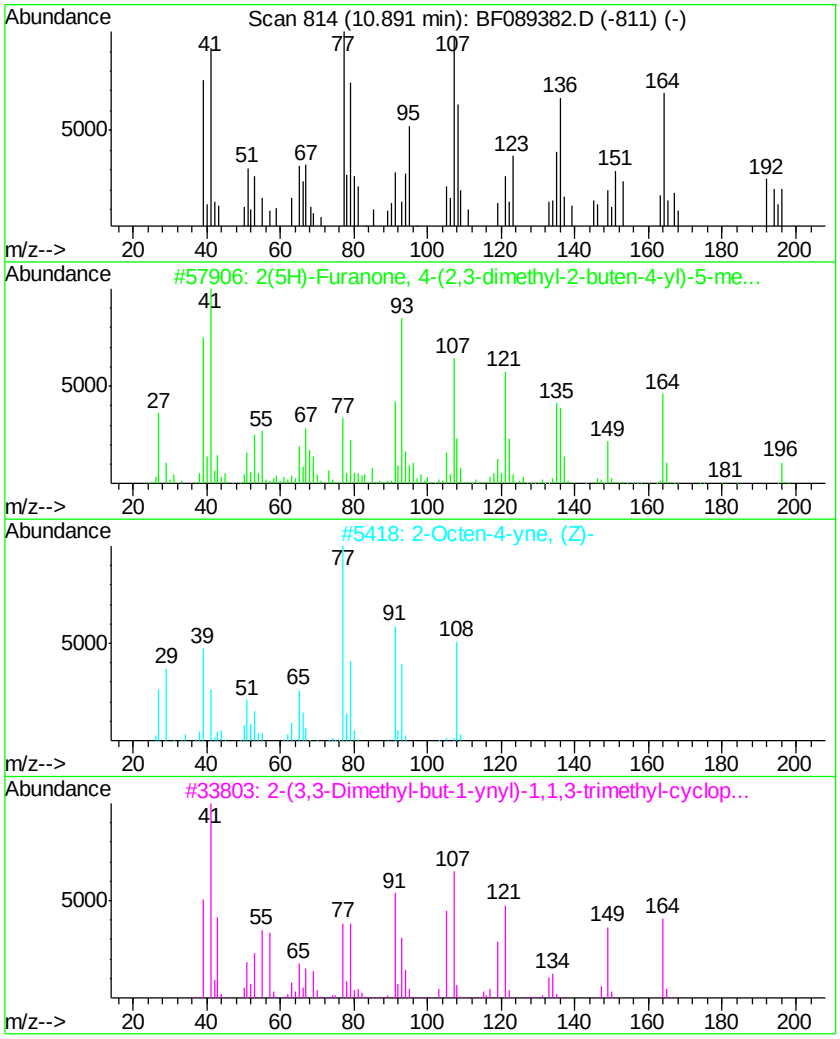
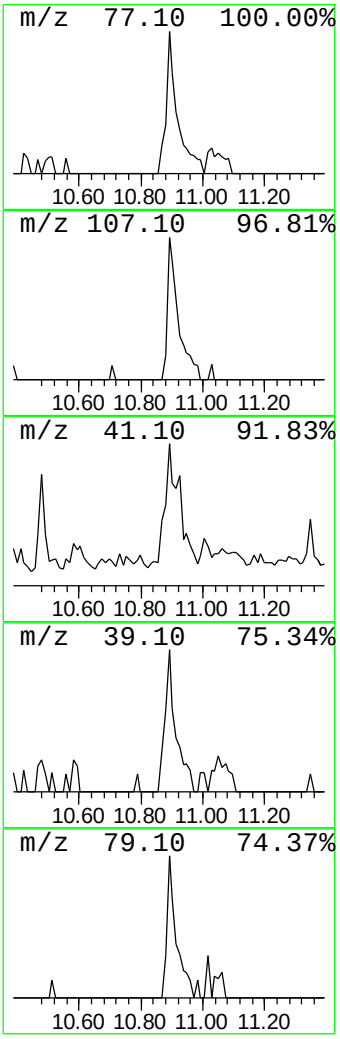
****

Peak Number 6 2(5H)-Furanone, 4-(2,3-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	4.87 ng	85717	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(5H)-Furanone, 4-(2,3-dimethyl-...	196	C11H16O3	1000155-41-8	64
2	2-Octen-4-yne, (Z)-	108	C8H12	106445-95-8	49
3	2-(3,3-Dimethyl-but-1-ynyl)-1,1,...	164	C12H20	1000275-79-2	49
4	3-Nonen-1-yne, (E)-	122	C9H14	070600-49-6	49
5	1,5-Hexadiene, 2,5-dimethyl-3-me...	122	C9H14	059131-13-4	46





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Sample : H4176-11
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Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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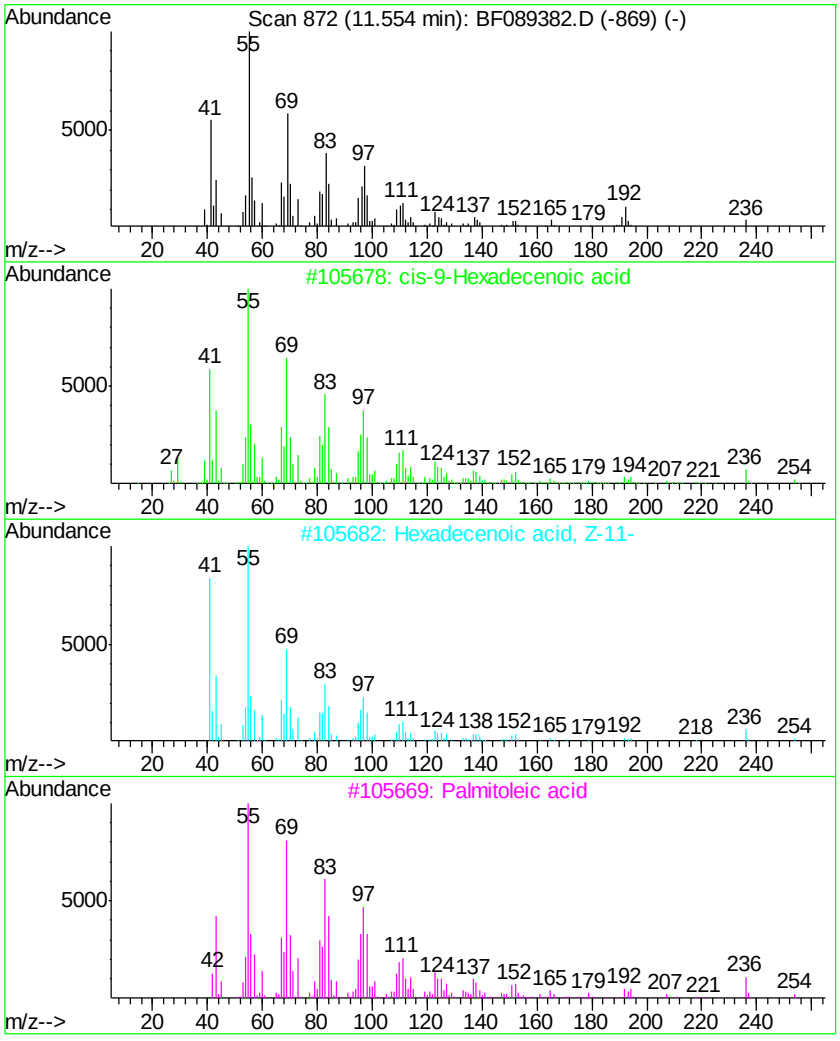
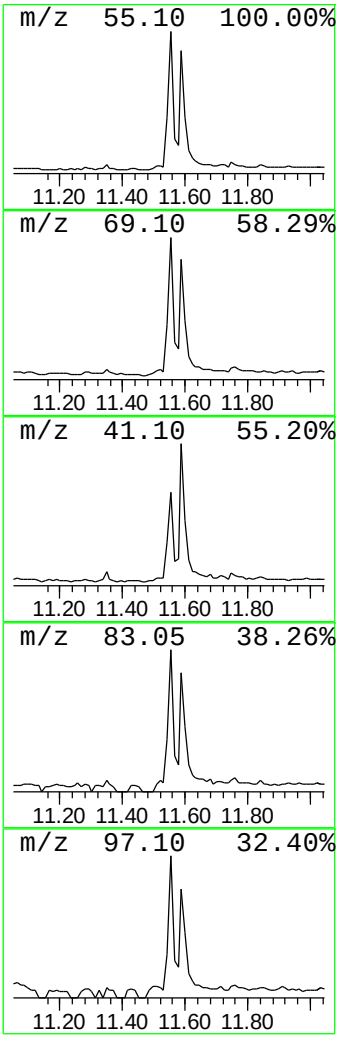
Peak Number 7 cis-9-Hexadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	10.50 ng	184829	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87
3	Palmitoleic acid	254	C16H30O2	000373-49-9	68
4	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	66
5	Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	58





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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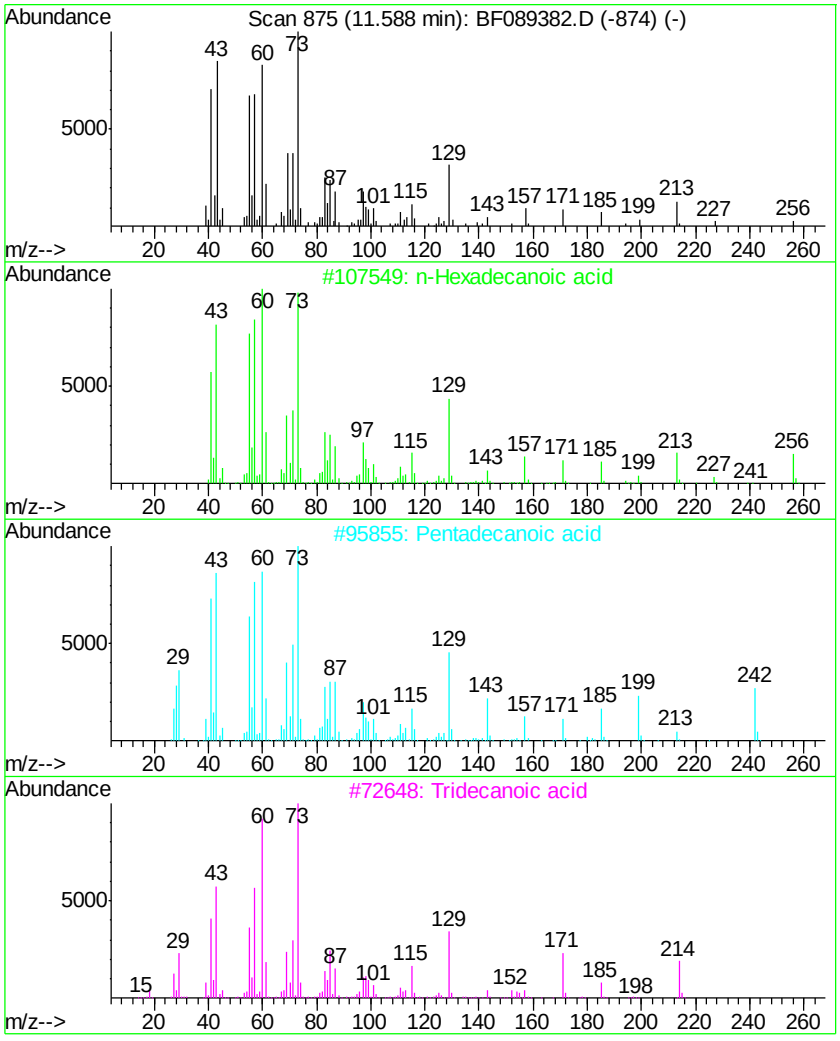
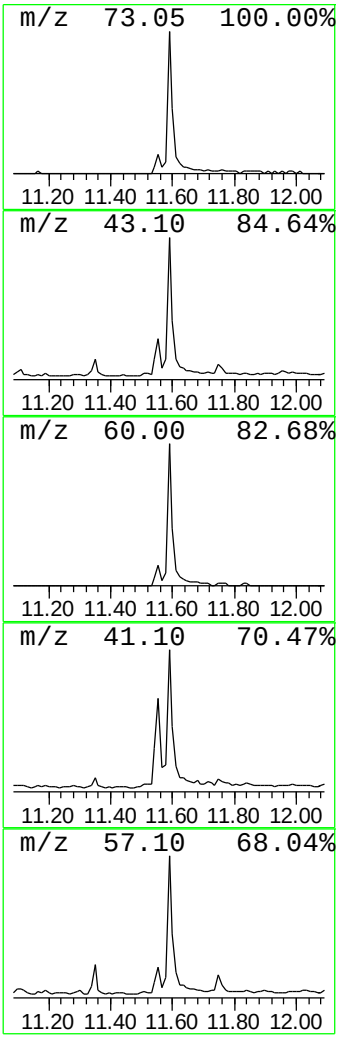
Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	14.46 ng	254508	Phenanthrene-d10	11.03

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	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Xylose	150	C5H10O5	000058-86-6	35





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Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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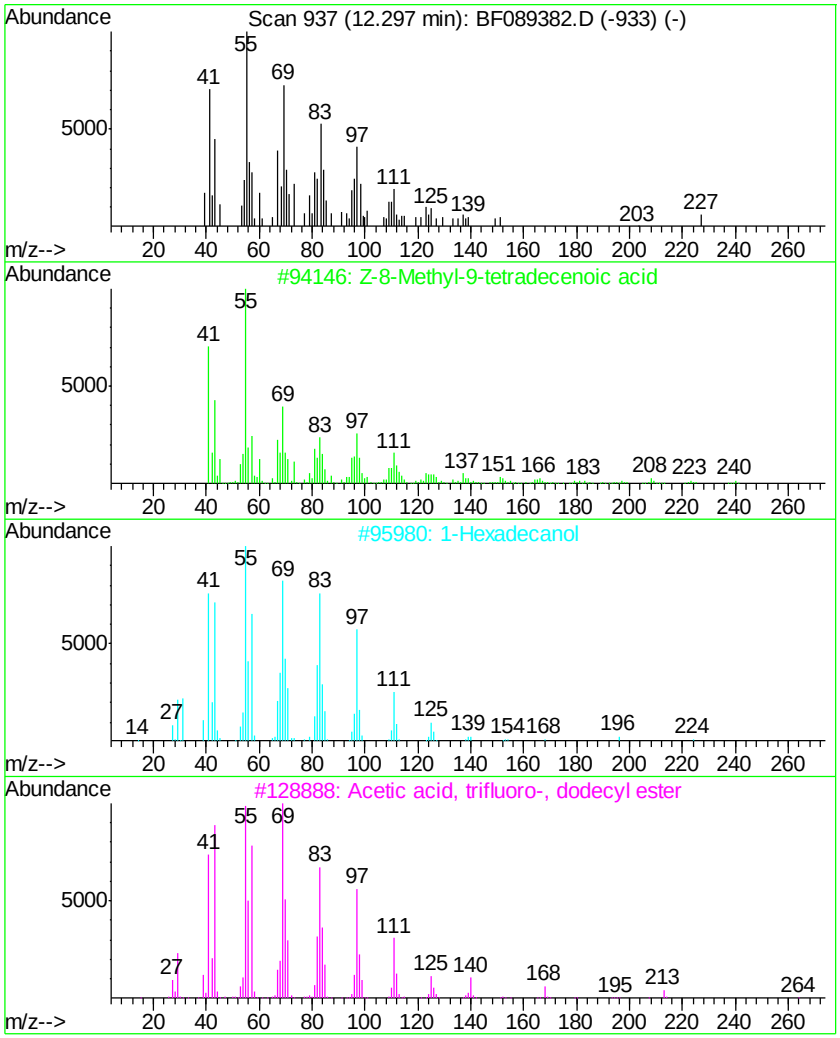
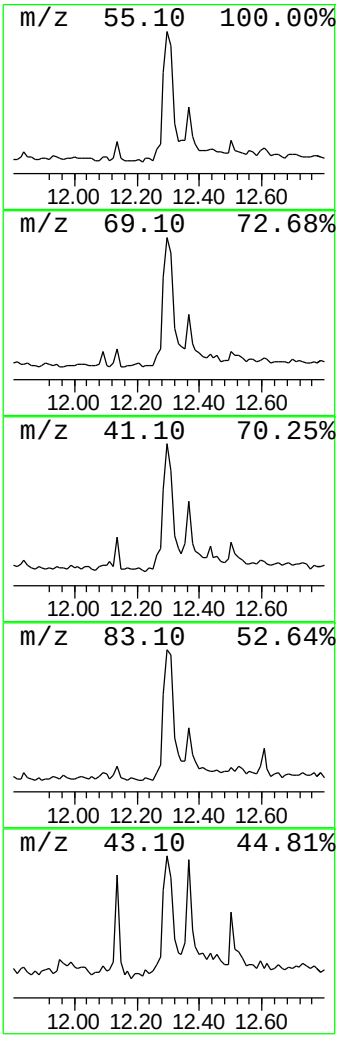
Peak Number 9 Z-8-Methyl-9-tetradecenoic ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	10.60 ng	186620	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	72
2	1-Hexadecanol	242	C16H34O	036653-82-4	60
3	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	53
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	49
5	Cyclohexadecane	224	C16H32	000295-65-8	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089382.D
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Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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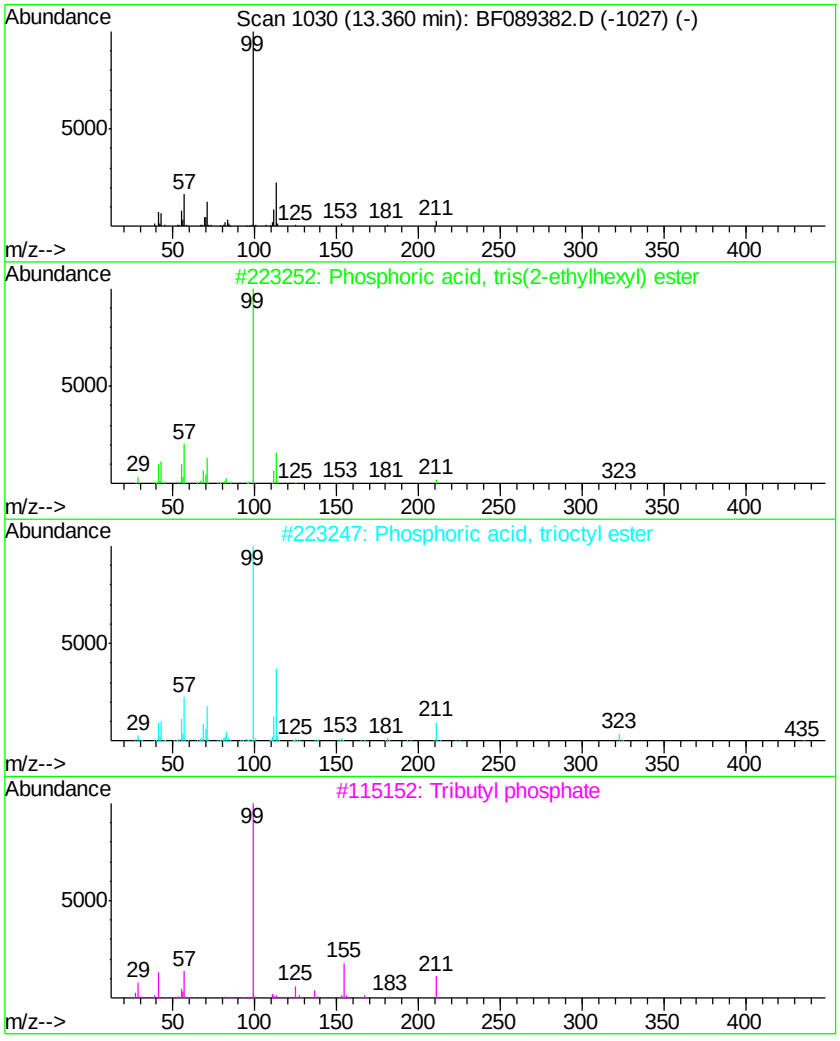
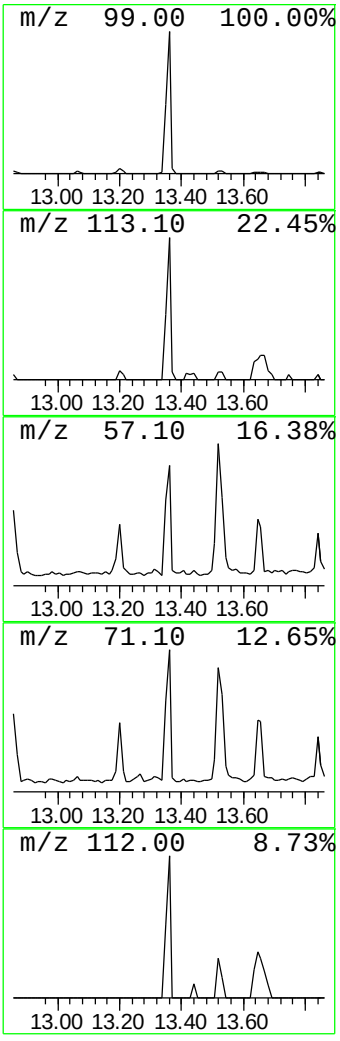
Peak Number 10 Phosphoric acid, tris(2-eth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	5.03 ng	105712	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	90
2	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	62
3	Tributyl phosphate	266	C12H27O4P	000126-73-8	36
4	n-Heptyl methylphosphonofluoridate	196	C8H18FO2P	162085-82-7	28
5	n-Hexyl methylphosphonofluoridate	182	C7H16FO2P	113548-89-3	28





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Data File : BF089382.D
Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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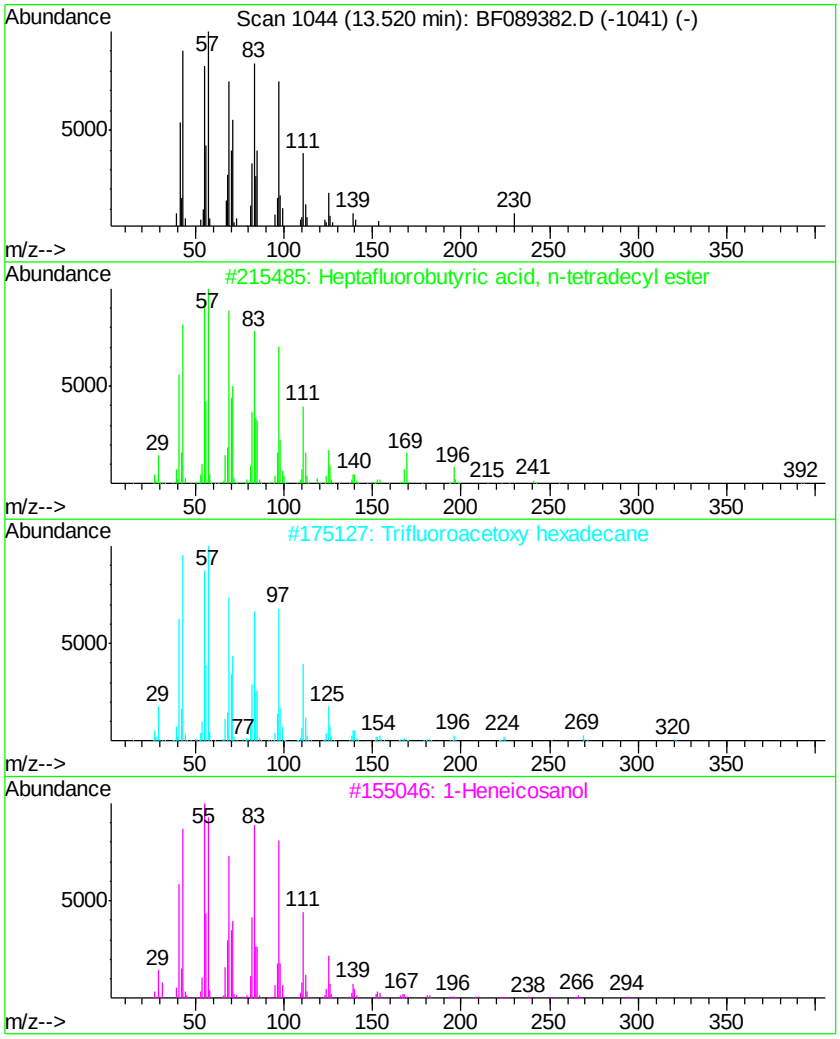
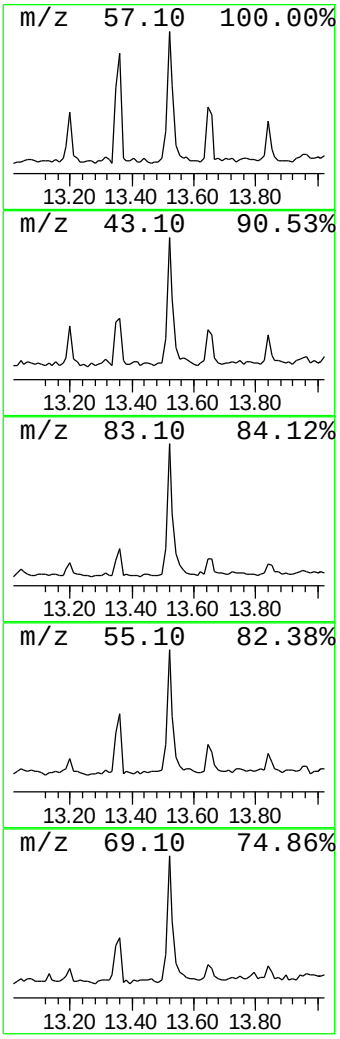
Peak Number 11 Heptafluorobutyric acid, n-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	6.91 ng	145205	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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

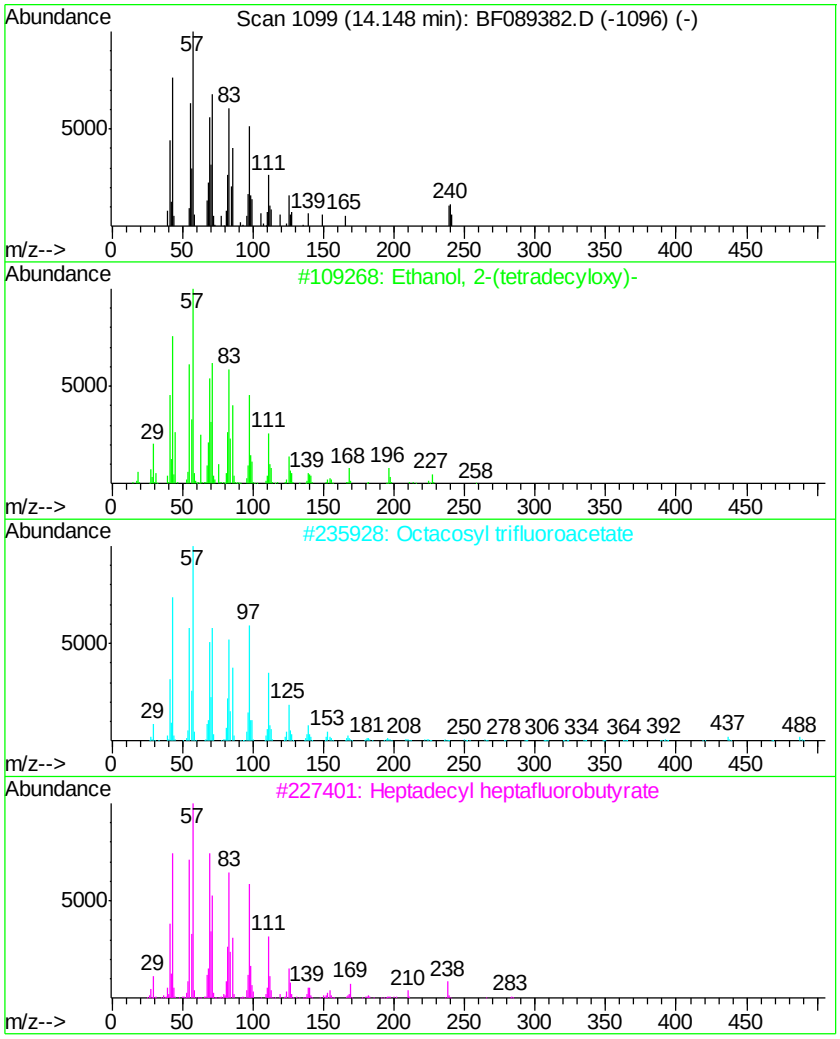
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

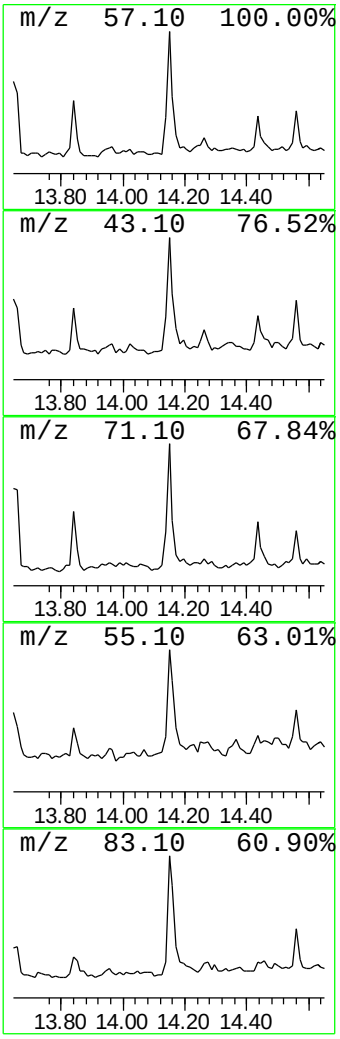
****

Peak Number 12 Ethanol, 2-(tetradecyloxy)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	4.42 ng	92912	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	87
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	81
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	76





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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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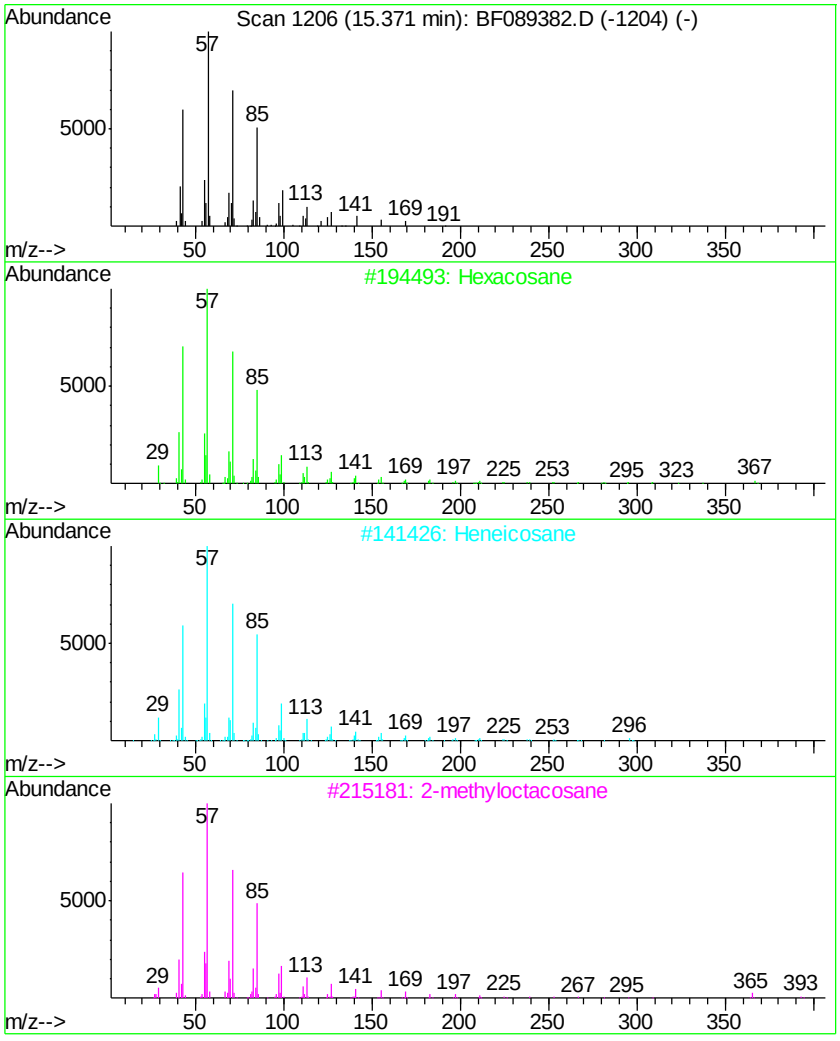
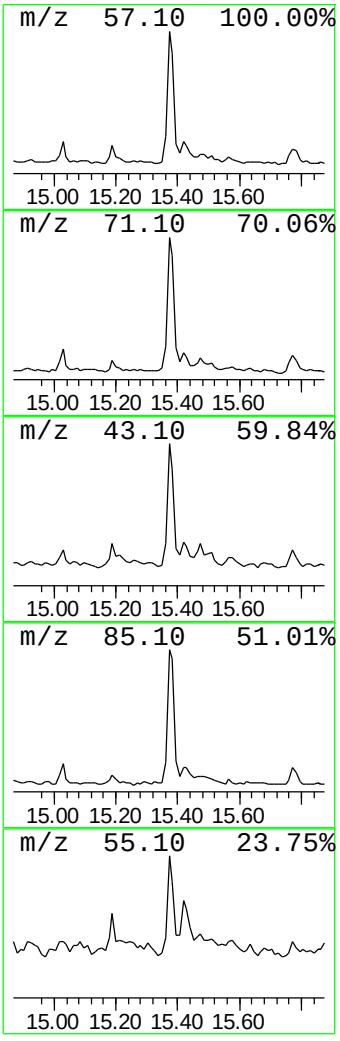
Peak Number 14 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	7.65 ng	104840	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Triacontane	422	C30H62	000638-68-6	87





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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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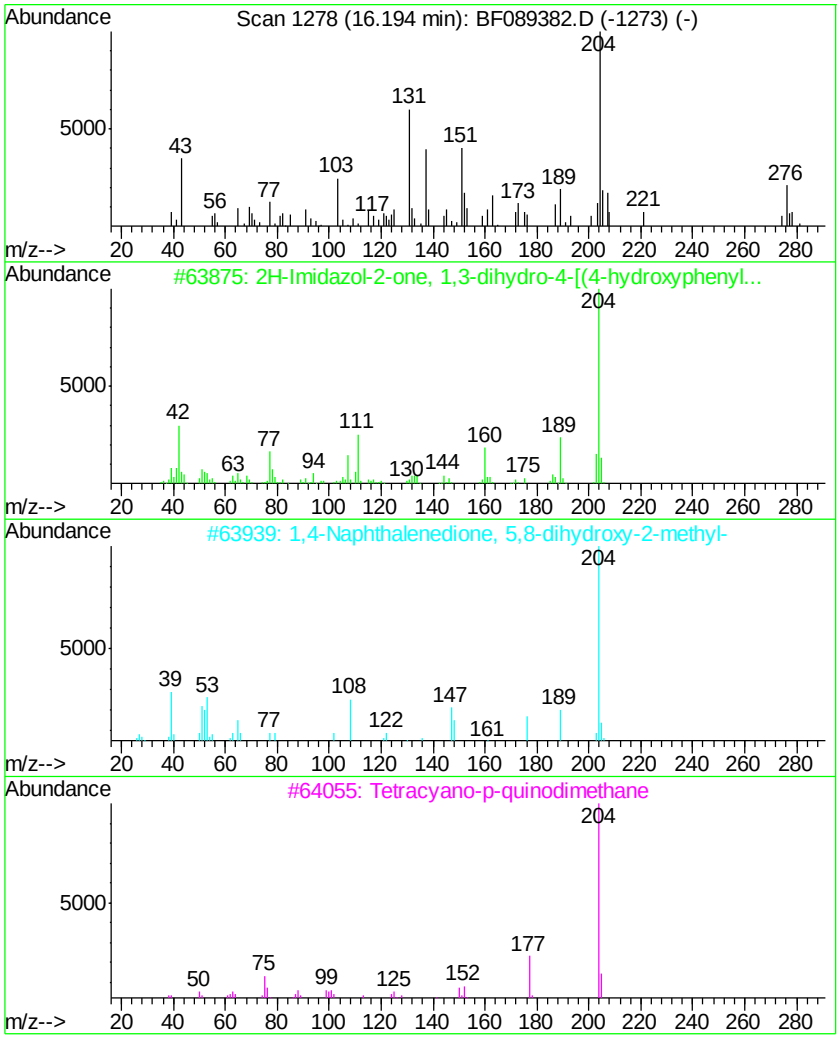
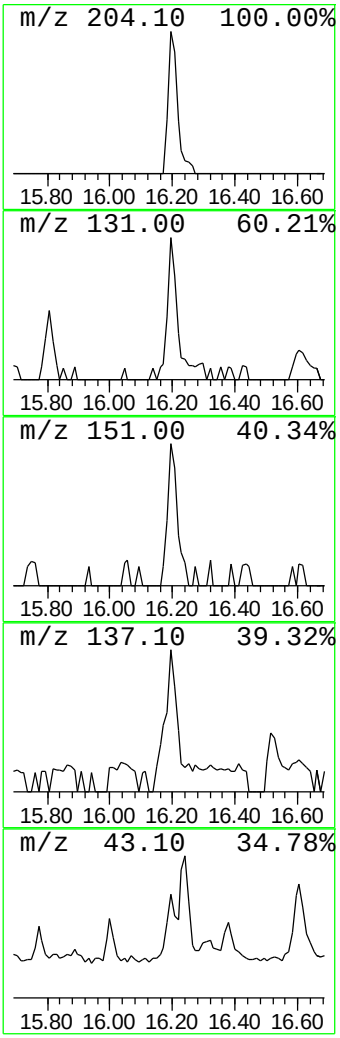
Peak Number 15 unknown16.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	7.12 ng	97674	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Imidazol-2-one, 1,3-dihydro-4...	204	C11H12N2O2	1000338-04-7	25
2	1,4-Naphthalenedione, 5,8-dihydr...	204	C11H8O4	014554-09-7	22
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	14
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	14
5	Ethotoin	204	C11H12N2O2	000086-35-1	14





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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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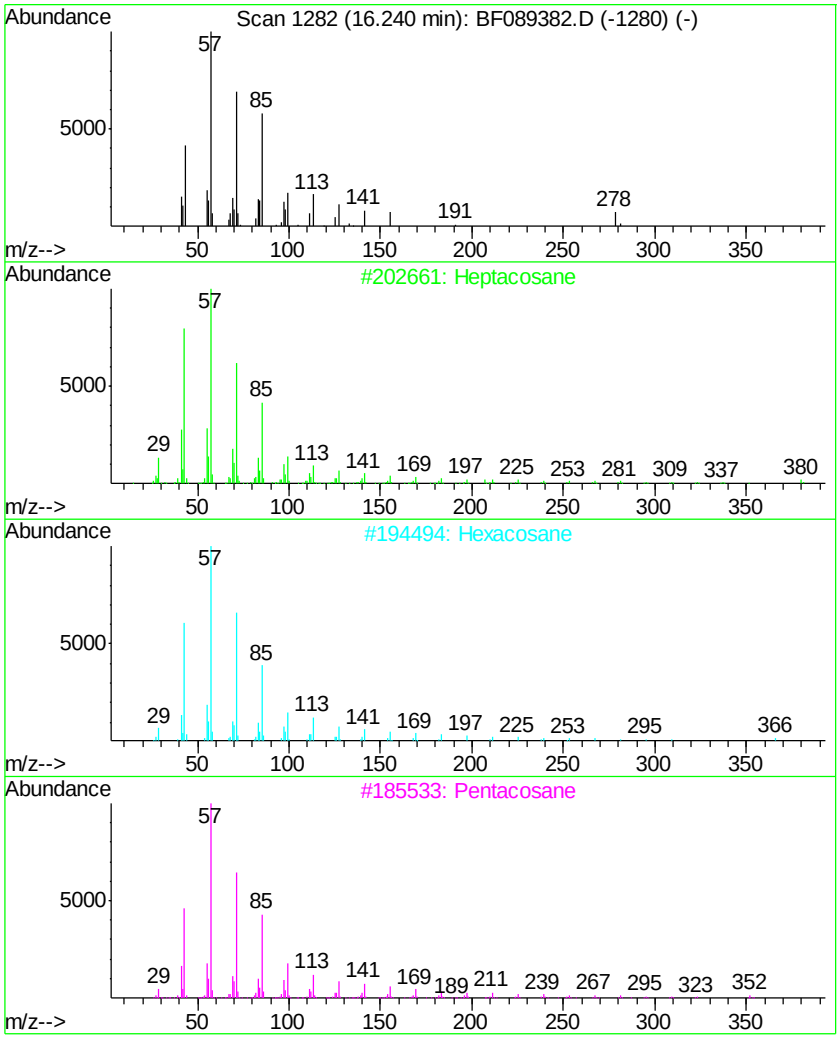
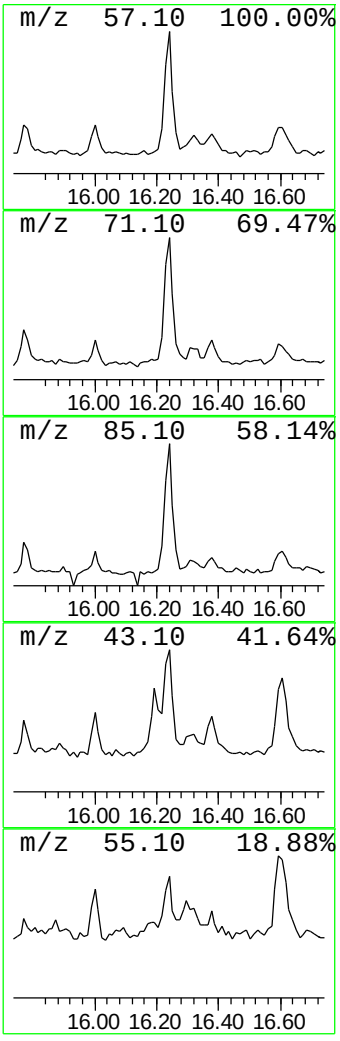
Peak Number 16 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.25 ng	44512	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octadecane	254	C18H38	000593-45-3	86





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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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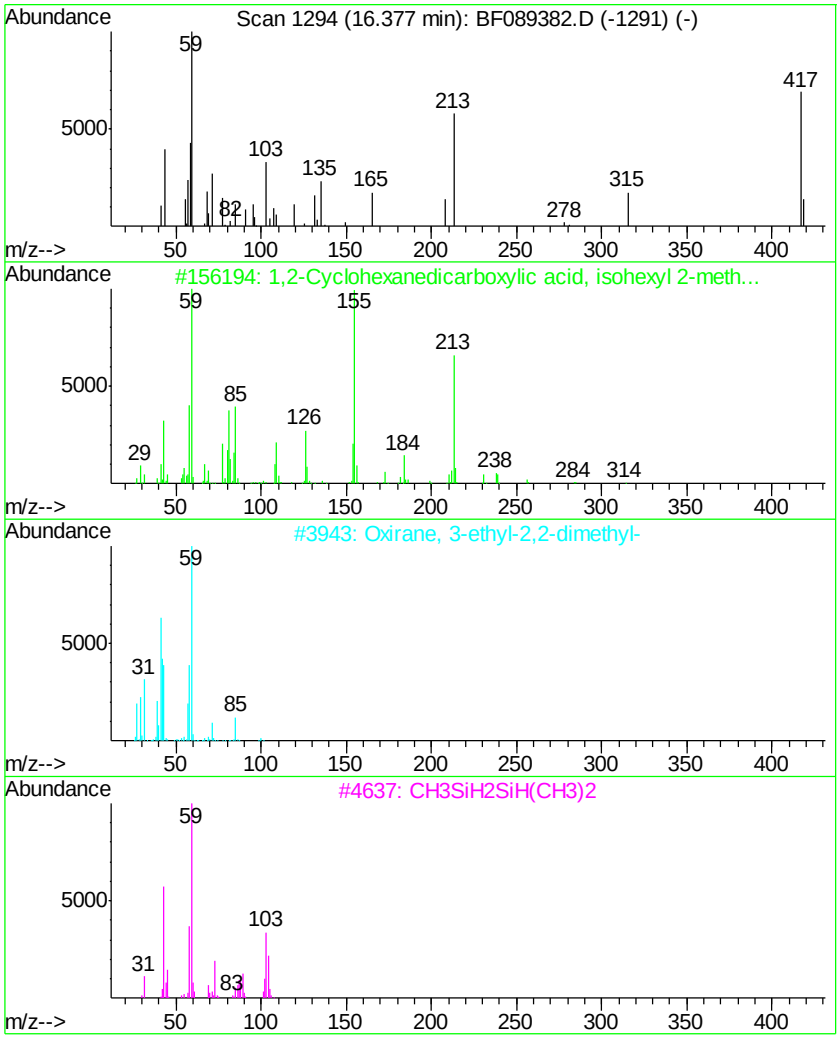
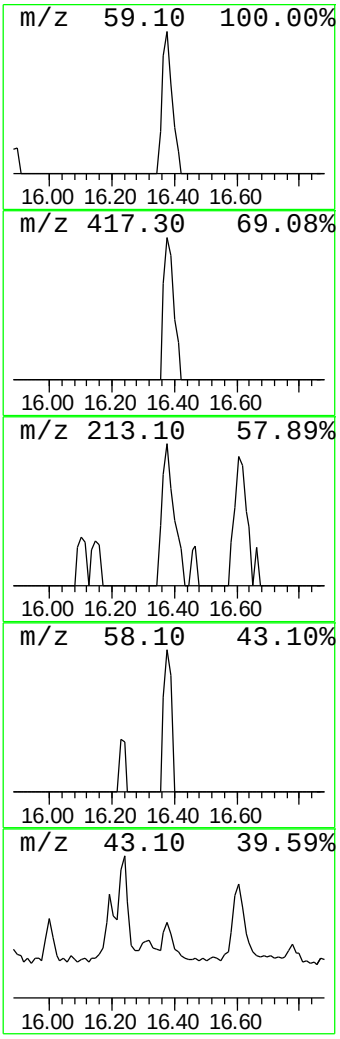
Peak Number 17 unknown16.38 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	3.83 ng	52467	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	314	C17H30O5	1000340-02-7	25
2	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	16
3	CH3SiH2SiH(CH3)2	104	C3H12Si2	000814-74-4	9
4	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9
5	2-Hydroxymethyl-5-(1-hydroxy-1-i...	184	C10H16O3	097762-06-6	9





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Data File : BF089382.D
Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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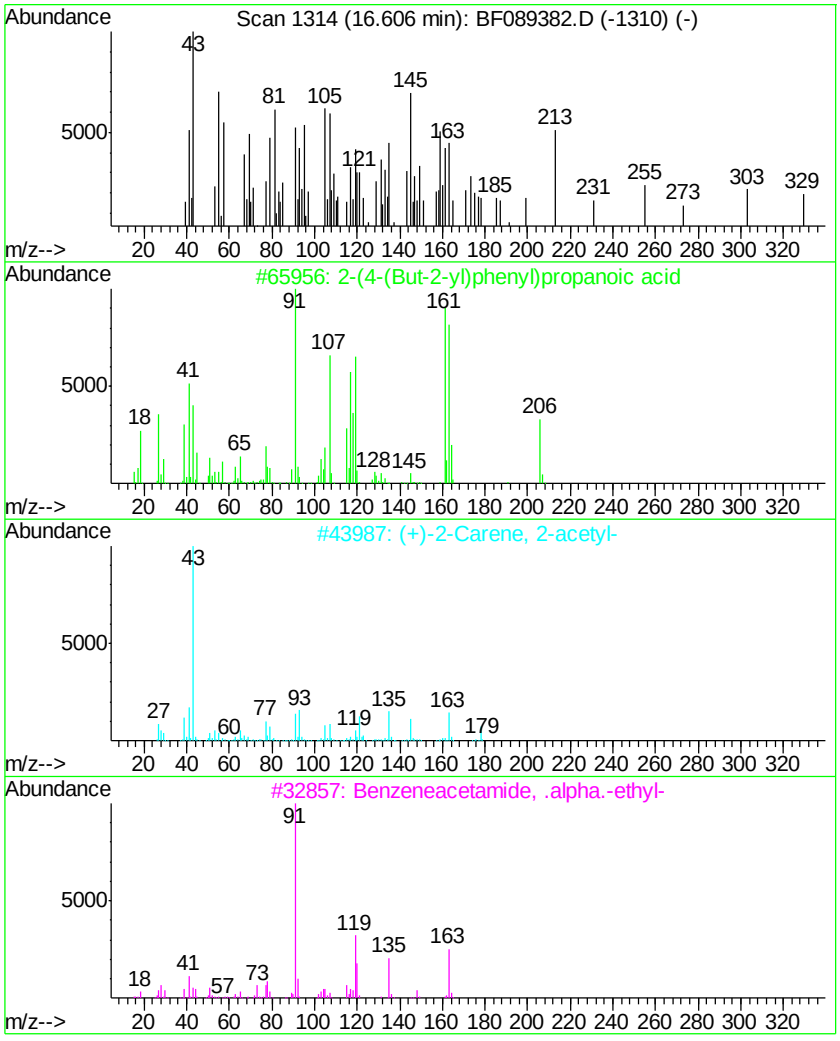
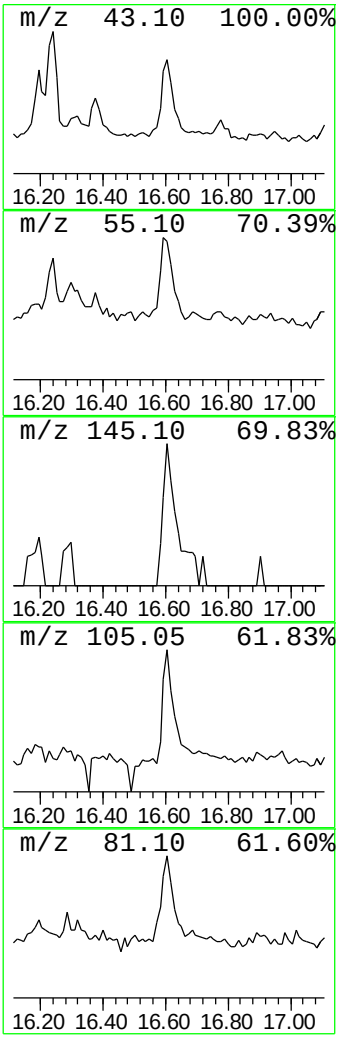
Peak Number 18 unknown16.61 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	8.28 ng	113476	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	27
2	(+)-2-Carene, 2-acetyl-	178	C12H18O	1000151-09-7	22
3	Benzeneacetamide, .alpha.-ethyl-	163	C10H13NO	000090-26-6	14
4	Alloaromadendrene	204	C15H24	025246-27-9	14
5	Silane, ethenyltriethoxy-	190	C8H18O3Si	000078-08-0	14





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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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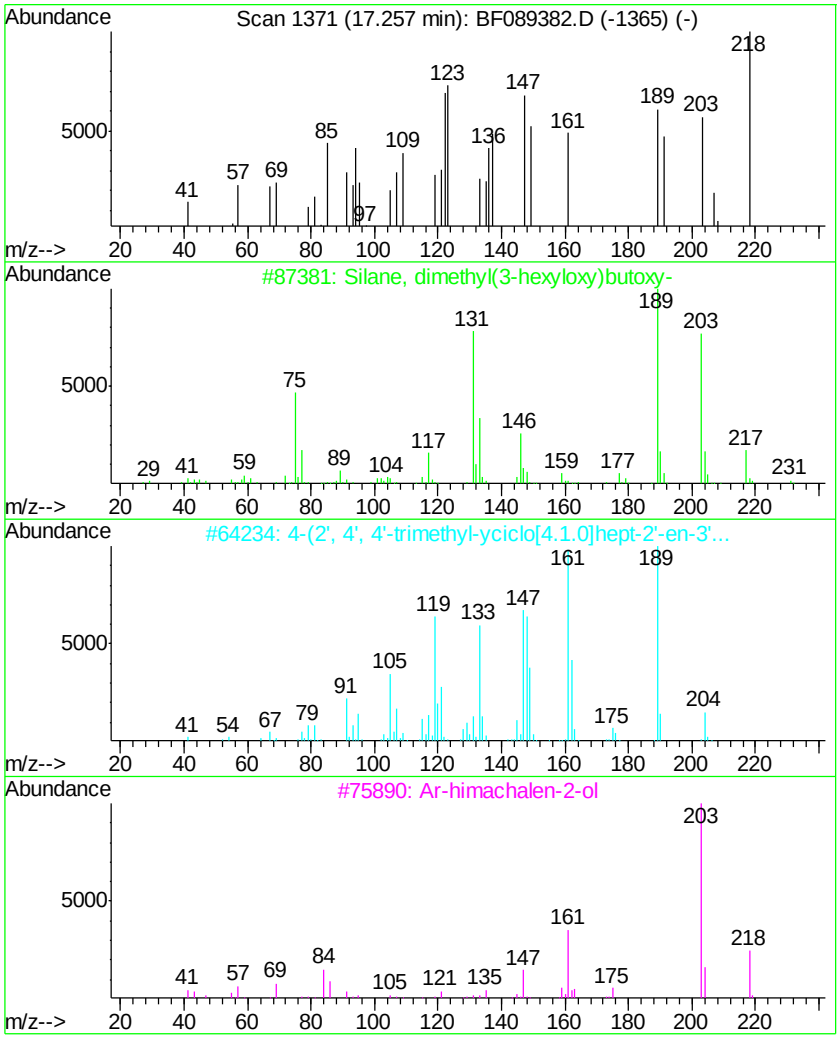
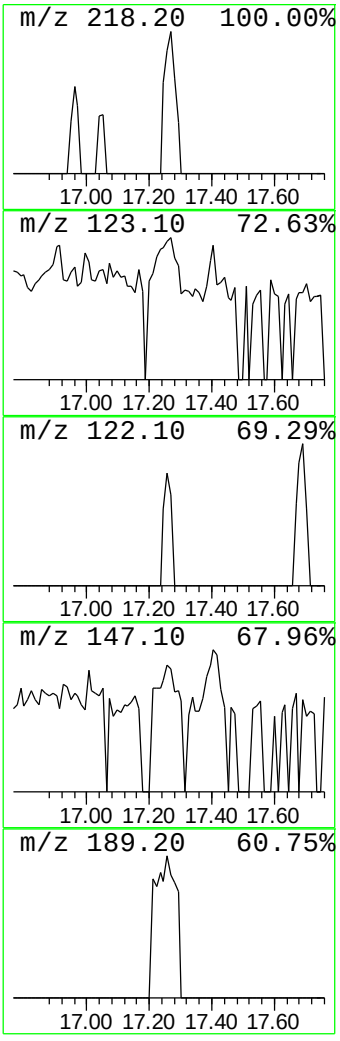
Peak Number 19 unknown17.26 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	2.83 ng	38836	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl(3-hexyloxy)butoxy-	232	C12H28O2Si	1000347-63-9	9
2	4-(2', 4', 4'-trimethyl-yciclo[4...	204	C14H20O	1000373-94-4	9
3	Ar-himachalen-2-ol	218	C15H22O	119660-66-1	7
4	Disiloxane, pentaethyl-	218	C10H26OSi2	061233-74-7	7
5	1-Allyl-3-(4-methoxyphenyl)-1-(5...	367	C18H17N5O2S	1000303-33-4	7





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Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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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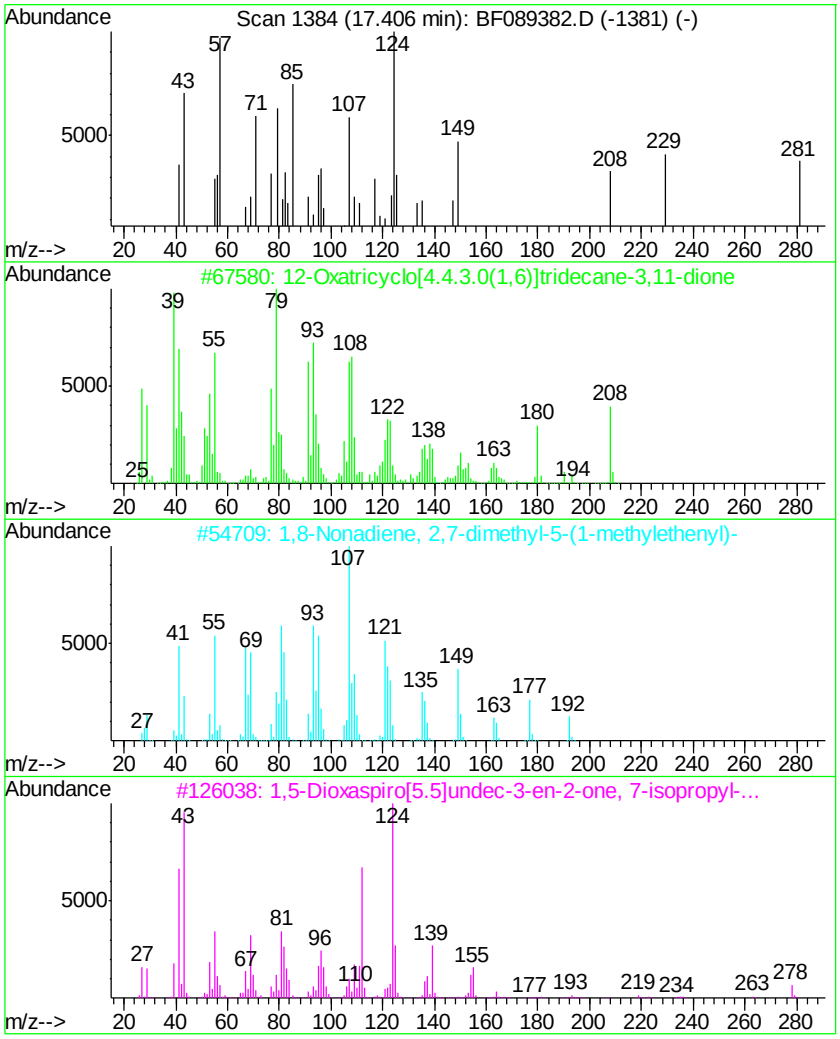
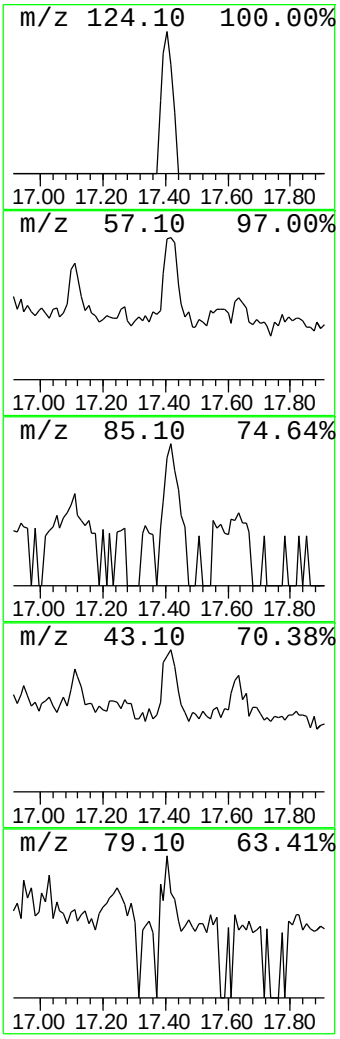
Peak Number 20 unknown17.41 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	2.71 ng	37171	Perylene-d12	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Oxatricyclo[4.4.3.0(1,6)]trid...	208	C12H16O3	034813-12-2	11
2	1,8-Nonadiene, 2,7-dimethyl-5-(1...	192	C14H24	068702-20-5	10
3	1,5-Dioxaspiro[5.5]undec-3-en-2-...	278	C17H26O3	1000155-15-1	10
4	4H-Pyran-4-one, 3,5-diacetyl-2,6...	208	C11H12O4	019396-77-1	10
5	Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089382.D
Acq On : 29 Jul 2016 00:39
Operator : UM/SJ
Sample : H4176-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-0.5-1.0

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
unknown4.64	4.64	5.0	ng	66090	1	6.52	266277	20.0
unknown6.30	6.30	83.2	ng	1107490	1	6.52	266277	20.0
2-Octanol, (S)-	6.39	10.7	ng	142544	1	6.52	266277	20.0
2(5H)-Furanone, 4...	10.89	4.9	ng	85717	4	11.03	351951	20.0
cis-9-Hexadecenoi...	11.55	10.5	ng	184829	4	11.03	351951	20.0
n-Hexadecanoic acid	11.59	14.5	ng	254508	4	11.03	351951	20.0
Z-8-Methyl-9-tetr...	12.30	10.6	ng	186620	4	11.03	351951	20.0
Phosphoric acid, ...	13.36	5.0	ng	105712	5	13.65	420413	20.0
Heptafluorobutyri...	13.52	6.9	ng	145205	5	13.65	420413	20.0
Ethanol, 2-(tetra...	14.15	4.4	ng	92912	5	13.65	420413	20.0
Hexacosane	15.37	7.7	ng	104840	6	14.98	274188	20.0
unknown16.19	16.19	7.1	ng	97674	6	14.98	274188	20.0
Heptacosane	16.24	3.3	ng	44512	6	14.98	274188	20.0
unknown16.38	16.38	3.8	ng	52467	6	14.98	274188	20.0
unknown16.61	16.61	8.3	ng	113476	6	14.98	274188	20.0
unknown17.26	17.26	2.8	ng	38836	6	14.98	274188	20.0
unknown17.41	17.41	2.7	ng	37171	6	14.98	274188	20.0