LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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	4	6	58	rVB	869014	2222506	100.00%	17.449%
2	4.558	258	260	268	rBV	48978	88497	3.98%	0.695%
3	5.039	301	302	315	rBV3	325340	480531	21.62%	3.773%
4	6.136	396	398	406	rBV	240976	322023	14.49%	2.528%
5	6.239	406	407	420	rVB	646687	932171	41.94%	7.319%
6	6.479	426	428	439	rBV	195476	219979	9.90%	1.727%
7	6.627	439	441	456	rVV	691872	947894	42.65%	7.442%
8	6.822	456	458	461	rVB	19807	32252	1.45%	0.253%
9	7.027	473	476	477	rBV2	94934	133443	6.00%	1.048%
10	7.050	477	478	487	rVV	618330	756250	34.03%	5.937%
11	7.176	487	489	491	rVV	28928	33395	1.50%	0.262%
12	7.267	493	497	499	rVV2	57604	87874	3.95%	0.690%
13	7.427	507	511	516	rBV2	36340	61488	2.77%	0.483%
14	7.507	516	518	521	rBV	196423	223735	10.07%	1.757%
15	7.702	533	535	537	rBV	29522	31478	1.42%	0.247%
16	7.759	538	540	544	rVV	247806	384970	17.32%	3.022%
17	7.862	547	549	553	rVV3	14986	25874	1.16%	0.203%
18	8.045	563	565	568	rVB	14432	25525	1.15%	0.200%
19	8.147	568	574	579	rVB4	11702	33056	1.49%	0.260%
20	8.239	579	582	585	rBV	33647	40942	1.84%	0.321%
21	8.422	596	598	600	rVB2	29495	30740	1.38%	0.241%
22	8.536	603	608	610	rBV3	19178	43076	1.94%	0.338%
23	8.673	618	620	622	rBV	28884	37486	1.69%	0.294%
24	8.730	622	625	629	rVB3	17071	34478	1.55%	0.271%
25	8.845	633	635	637	rVV	1500542	1376424	61.93%	10.807%
26	8.947	641	644	646	rVV2	10944	25182	1.13%	0.198%
27	9.016	649	650	653	rVV3	22740	29691	1.34%	0.233%
28	9.096	655	657	661	rVV3	20477	44632	2.01%	0.350%
29	9.176	661	664	665	rVV2	21365	56989	2.56%	0.447%
30	9.199	665	666	669	rVV3	29995	57307	2.58%	0.450%
31	9.245	669	670	674	rVV	45341	57762	2.60%	0.453%
32	9.302	674	675	680	rVB4	15998	26330	1.18%	0.207%
33	9.439	685	687	691	rVB3	32844	48262	2.17%	0.379%
34	9.508	691	693	695	rBV	384000	371402	16.71%	2.916%

LSC Area Percent Report

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Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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	9.656	702	706	710	rBV3	69960	205624	9.25%	1.614%
36	9.713	710	711	715	rVB2	16658	23778	1.07%	0.187%
37	9.850	721	723	724	rBV	77649	101302	4.56%	0.795%
38	9.976	732	734	735	rBV2	25723	42771	1.92%	0.336%
39	10.033	735	739	742	rVB3	175332	379864	17.09%	2.982%
40	10.216	753	755	757	rVV	34857	37760	1.70%	0.296%
41	10.262	757	759	760	rVV2	46571	54772	2.46%	0.430%
42	10.296	760	762	764	rVV	579988	695810	31.31%	5.463%
43	10.330	764	765	770	rVV3	35571	87347	3.93%	0.686%
44	10.410	770	772	778	rVV3	28771	66363	2.99%	0.521%
45	10.490	778	779	787	rVB3	15187	36841	1.66%	0.289%
46	10.639	789	792	795	rVB3	11722	22639	1.02%	0.178%
47	10.982	820	822	824	rBV	194357	278809	12.54%	2.189%
48	11.542	869	871	877	rVB	37672	61030	2.75%	0.479%
49	12.319	936	939	946	rVV	34755	51614	2.32%	0.405%
50	12.559	958	960	963	rBV	925551	861791	38.78%	6.766%
51	13.599	1048	1051	1059	rBV	152639	196093	8.82%	1.540%
52	14.925	1164	1167	1175	rBV	172057	209089	9.41%	1.642%

Sum of corrected areas: 12736941

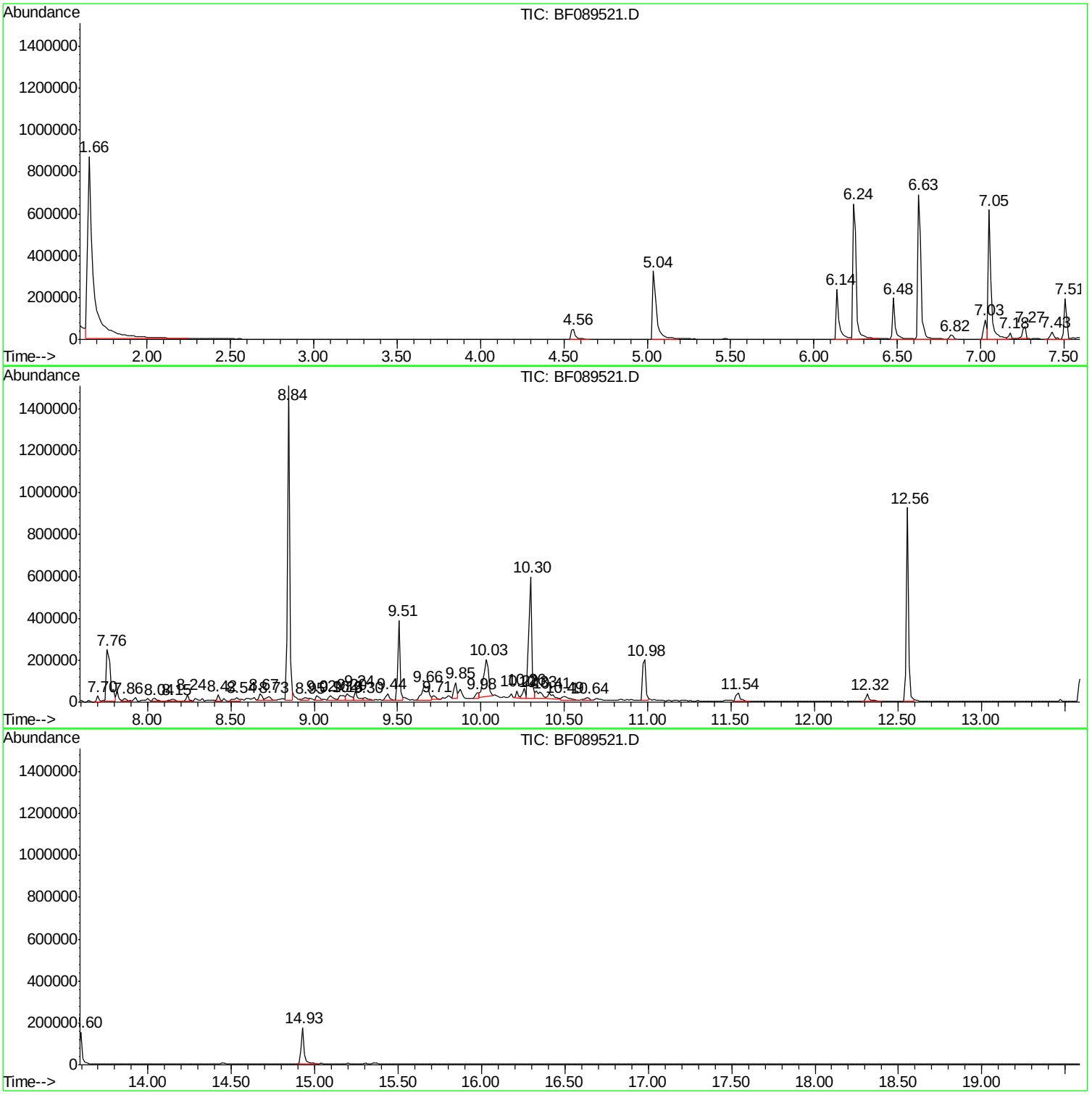
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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

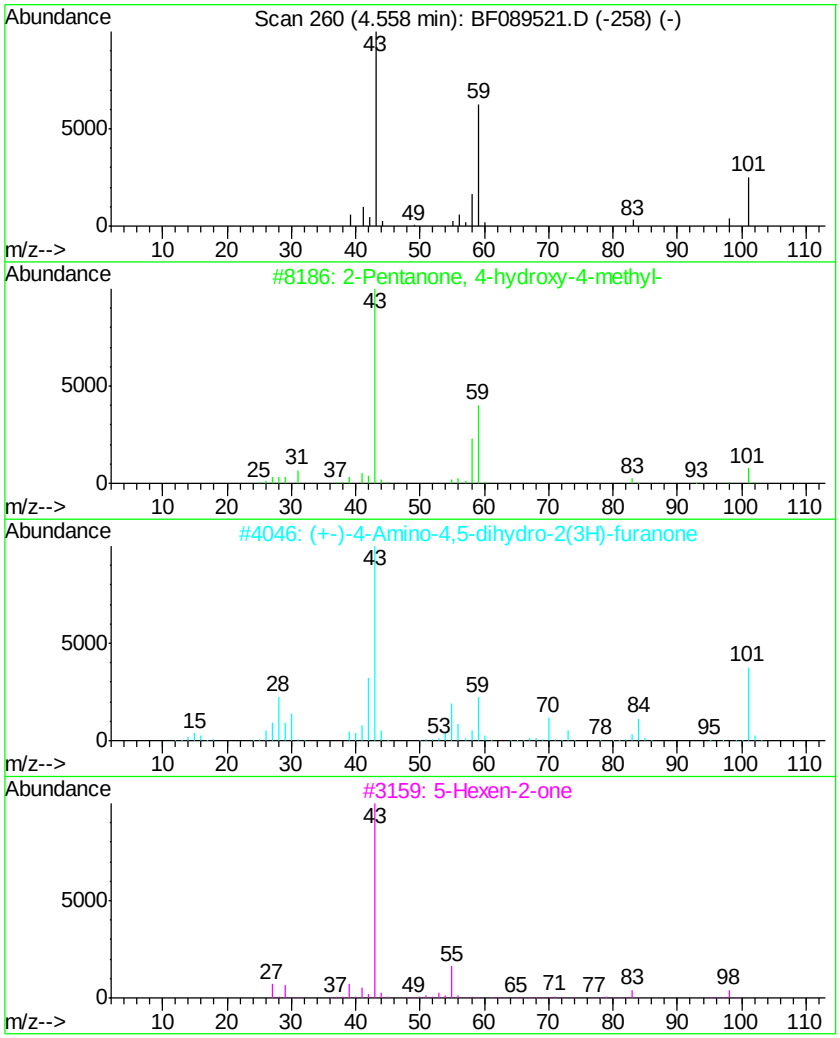
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

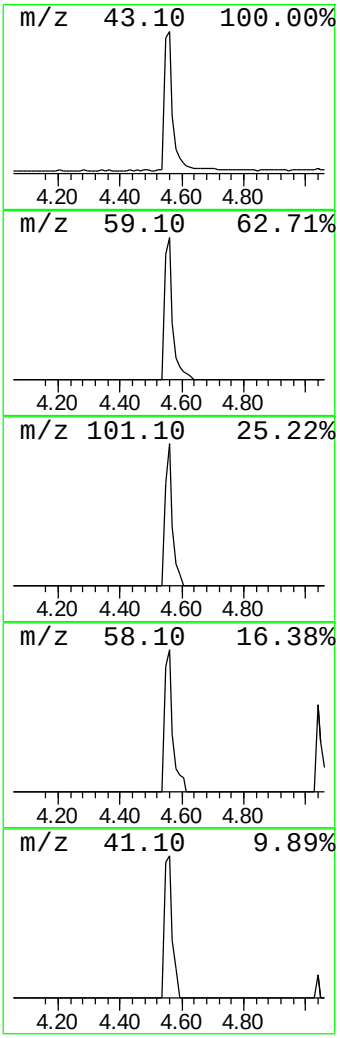
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	8.05 ng	88497	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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

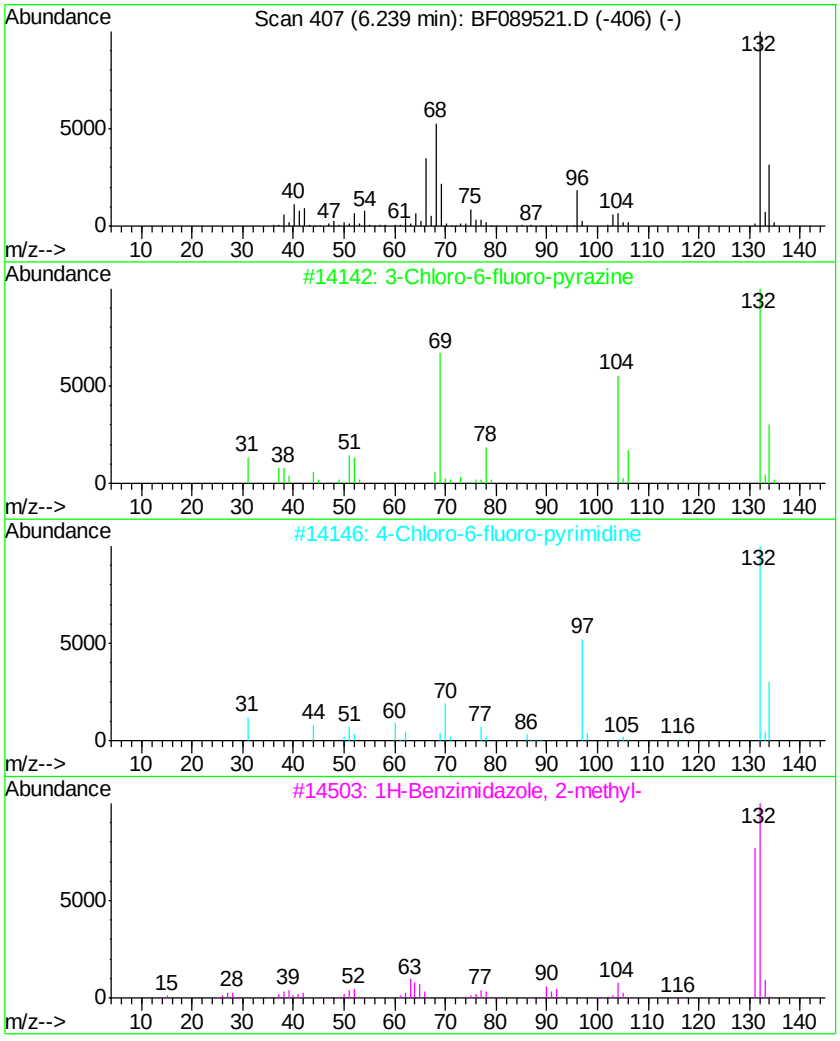
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

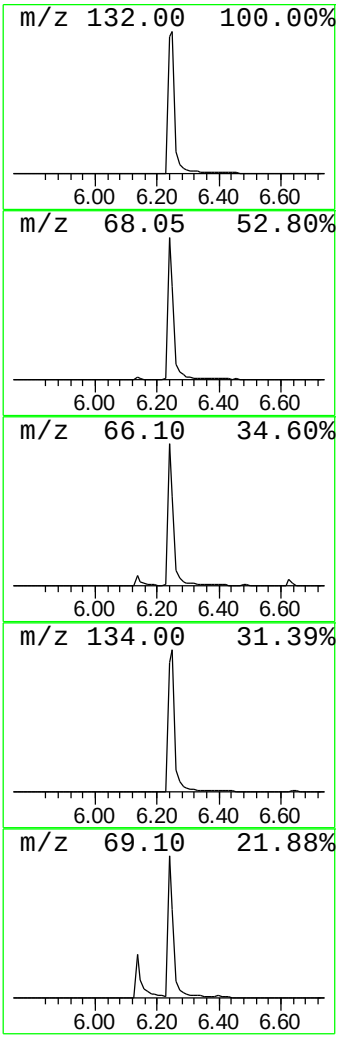
****

Peak Number 3 unknown6.24 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	84.75 ng	932171	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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

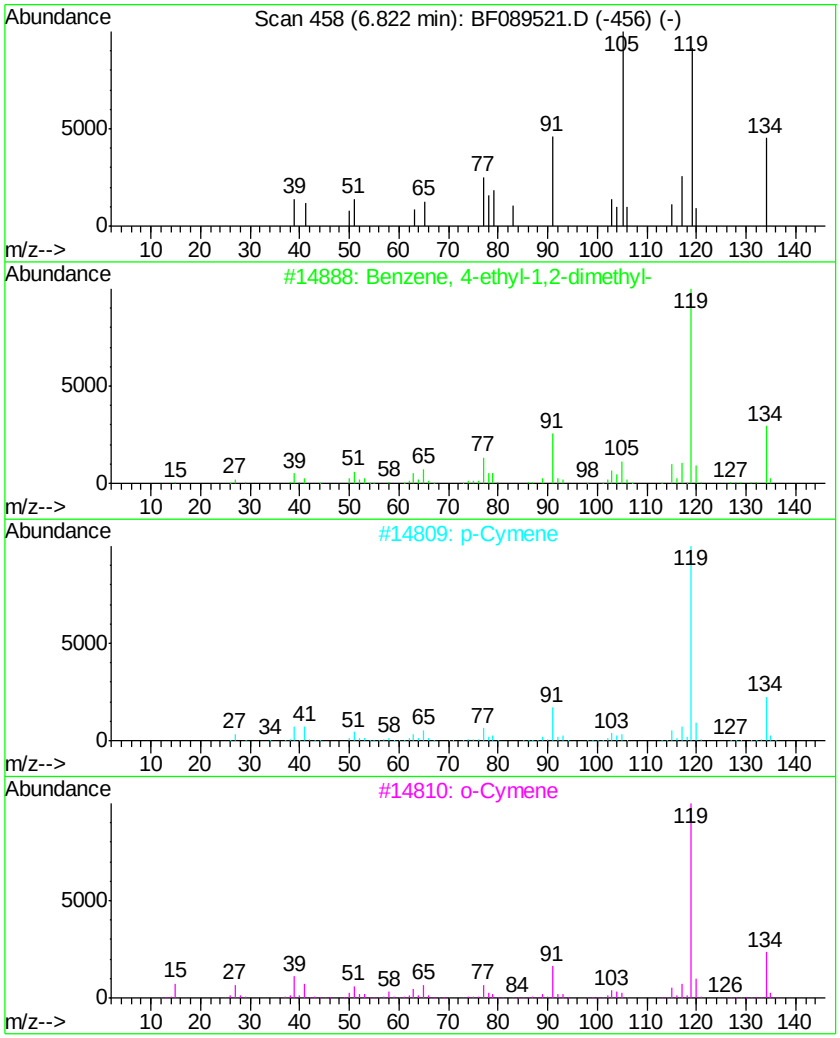
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

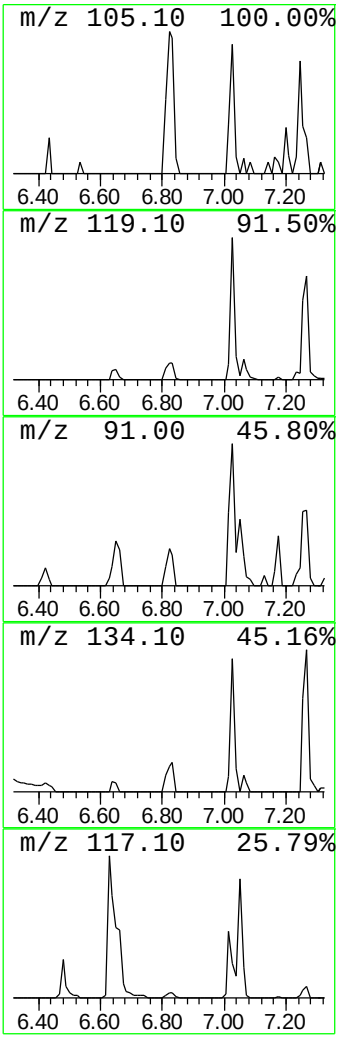
****

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.93 ng	32252	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59
2	p-Cymene	134	C10H14	000099-87-6	53
3	o-Cymene	134	C10H14	000527-84-4	53
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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

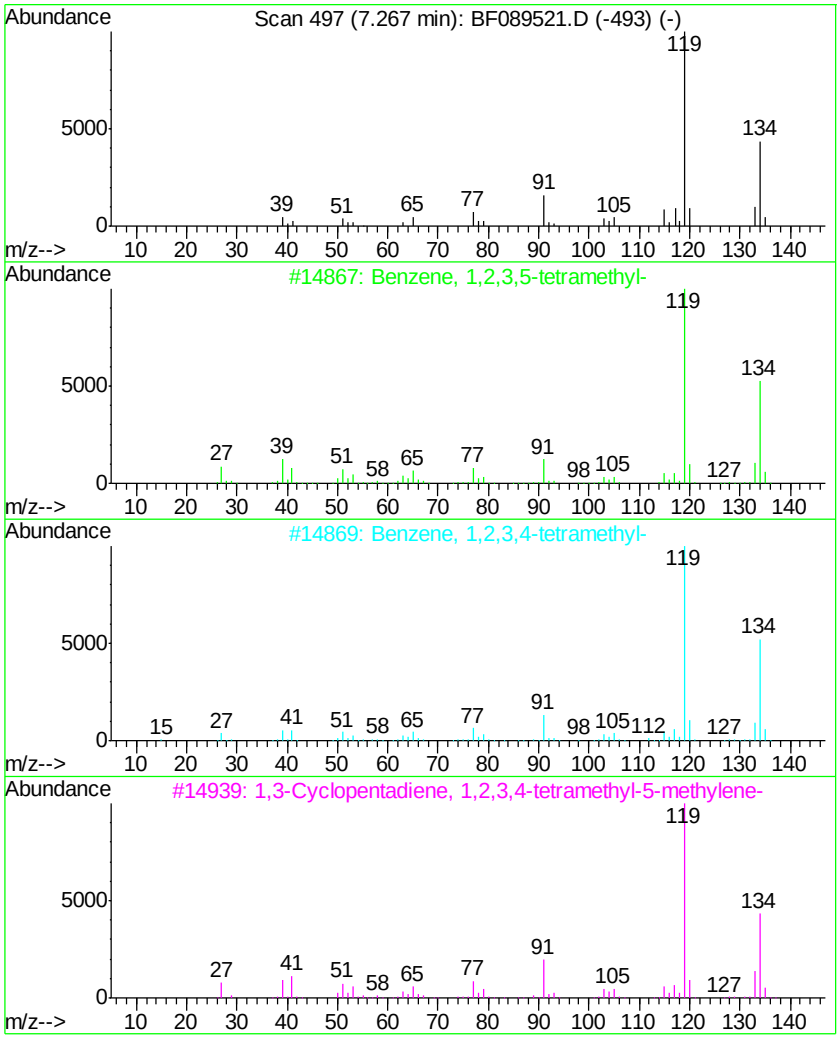
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

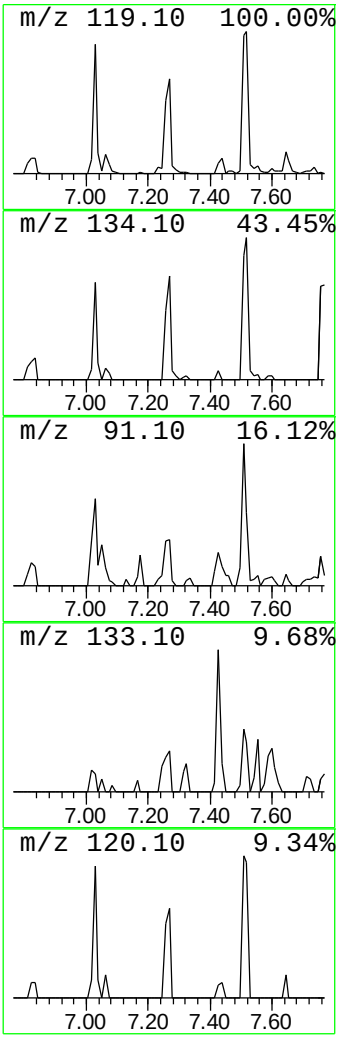
****

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	4.57 ng	87874	Naphthalene-d8	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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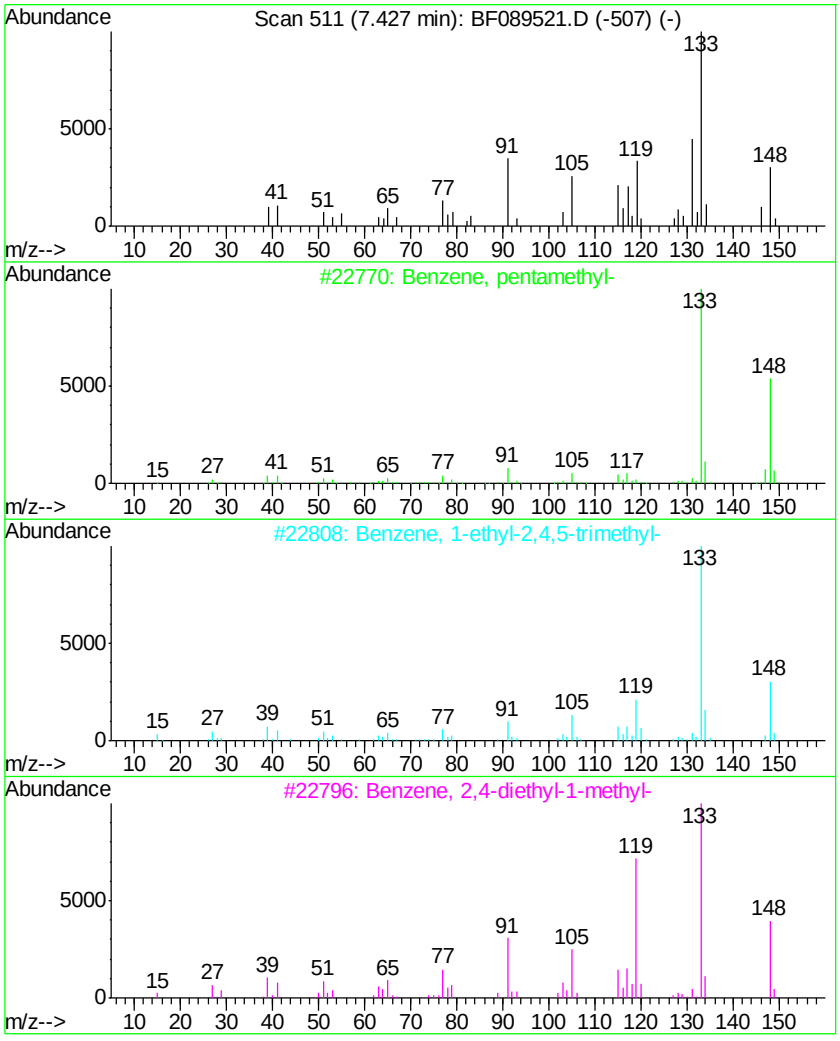
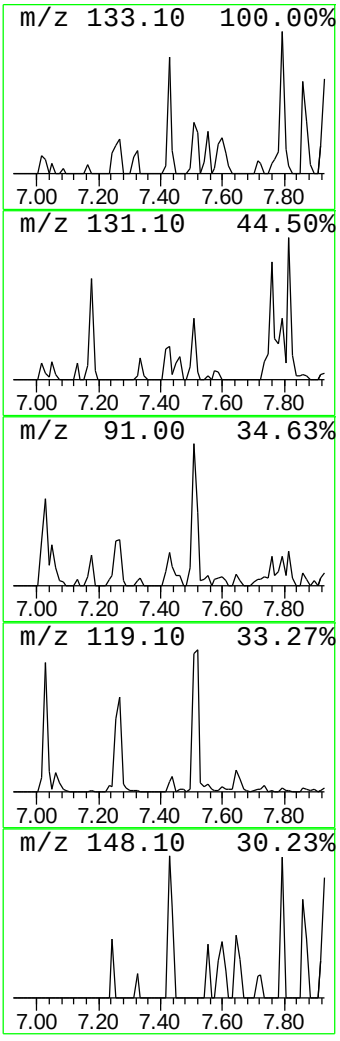
Peak Number 7 Benzene, pentamethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.19 ng	61488	Naphthalene-d8	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	62
2	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	52
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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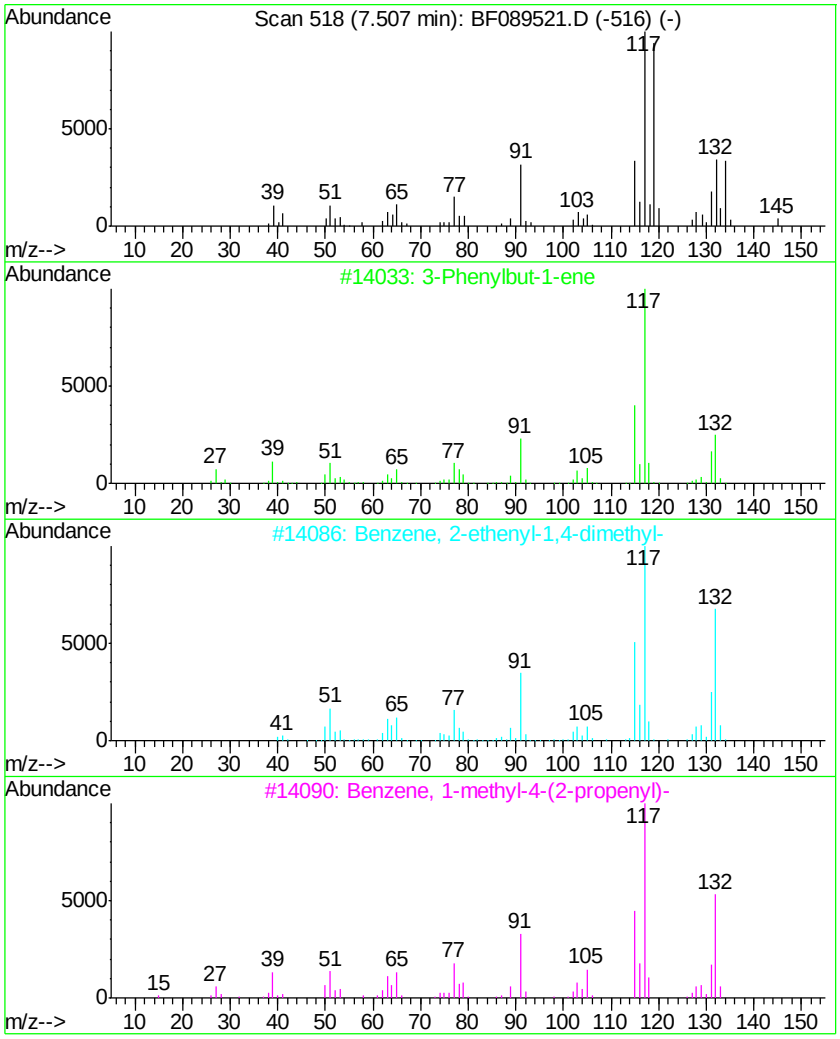
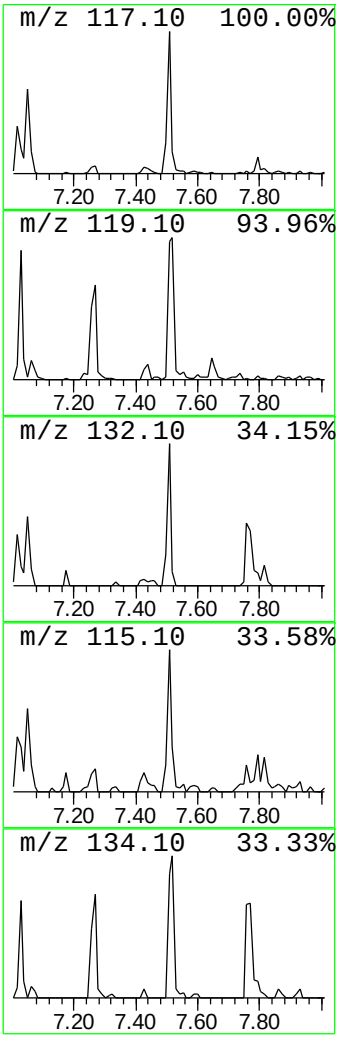
Peak Number 8 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	11.62 ng	223735	Naphthalene-d8	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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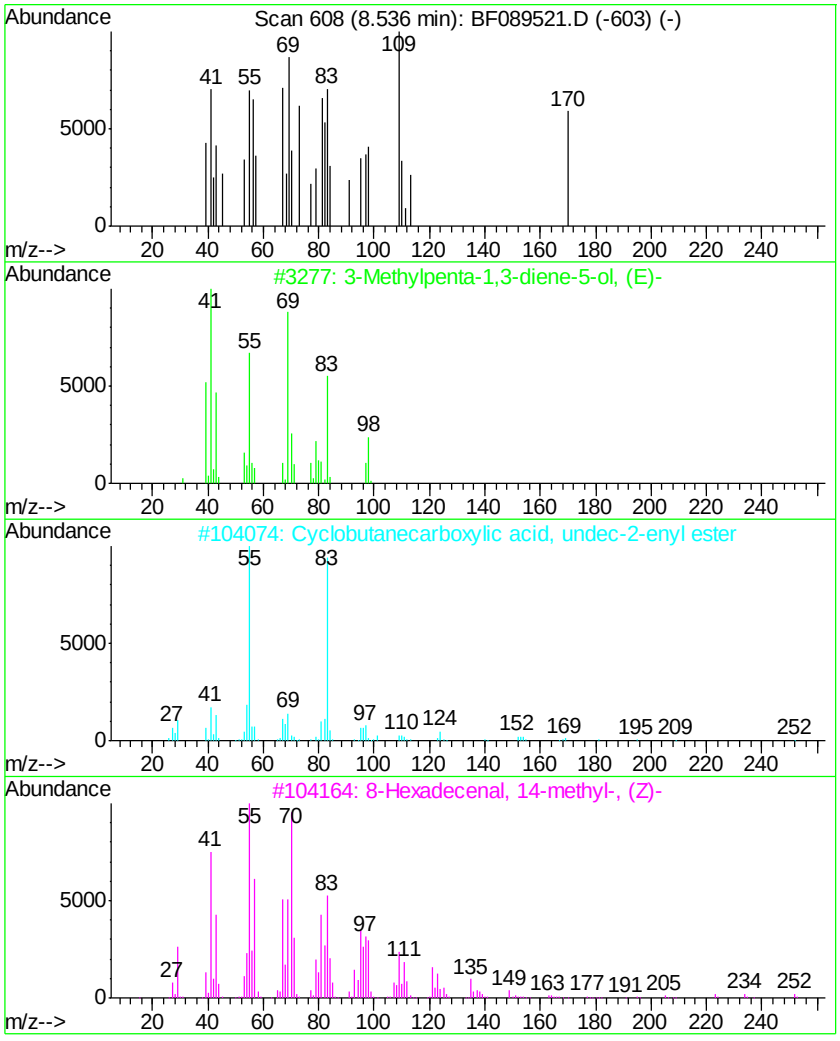
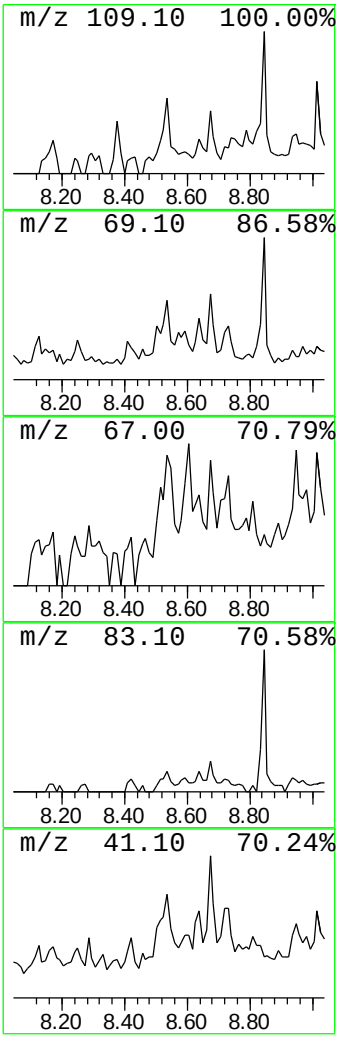
Peak Number 9 unknown8.54 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	2.24 ng	43076	Naphthalene-d8	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylpenta-1,3-diene-5-ol, (E)-	98	C6H10O	001572-08-3	41
2	Cyclobutanecarboxylic acid, unde...	252	C16H28O2	1000299-13-6	27
3	8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	27
4	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	25
5	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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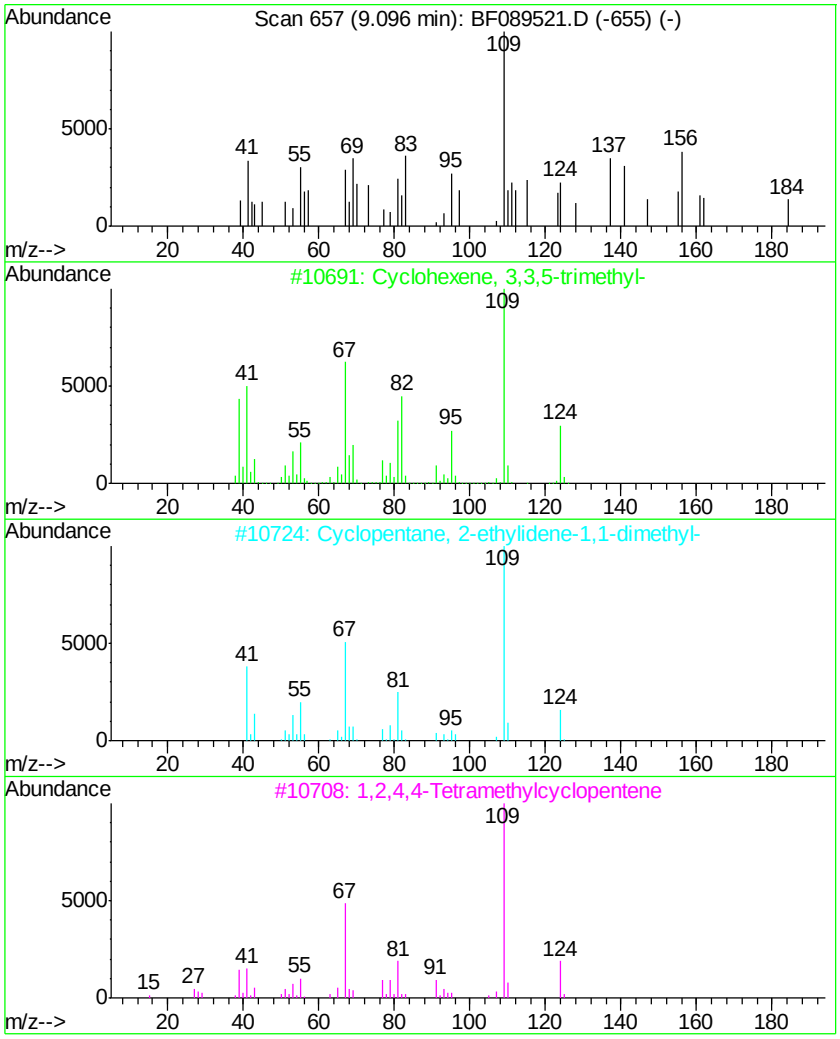
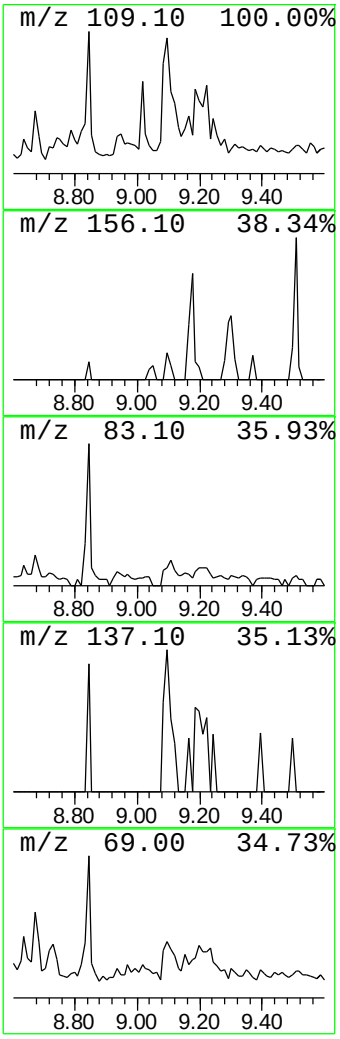
Peak Number 10 unknown9.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.40 ng	44632	Acenaphthene-d10	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38
2	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	27
3	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	27
4	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	27
5	2,5-Dimethylhex-5-en-3-yn-2-ol	124	C8H12O	1000302-74-9	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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

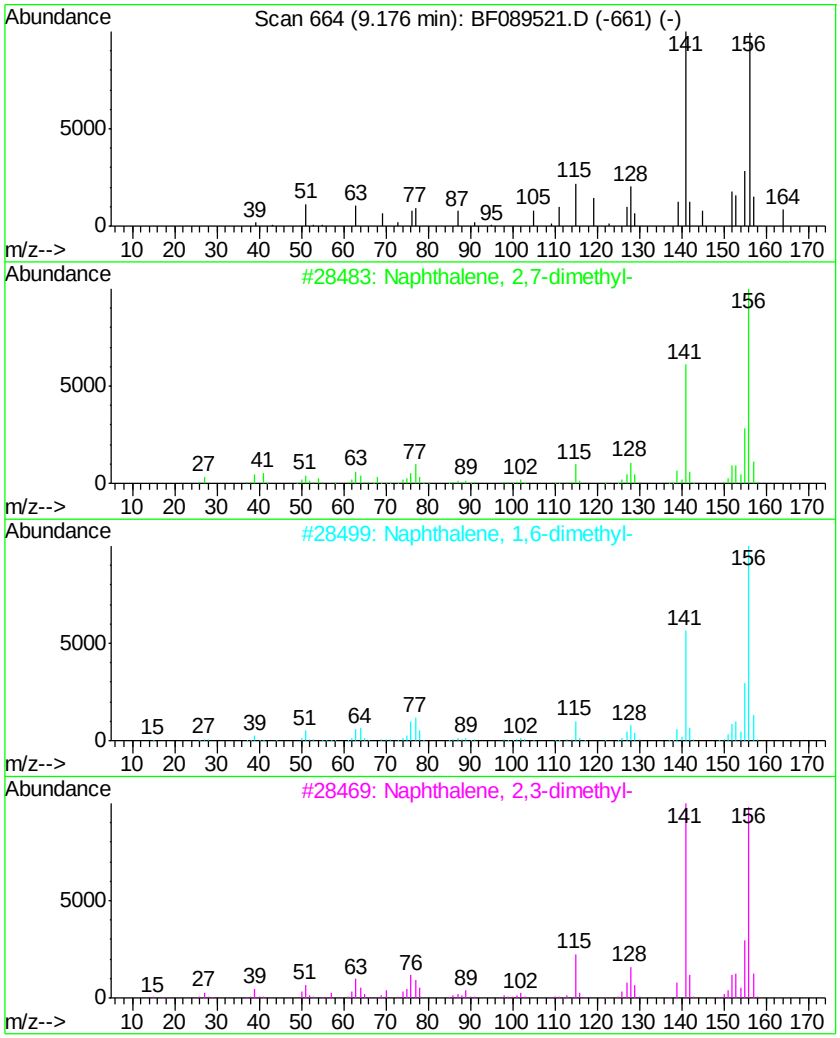
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

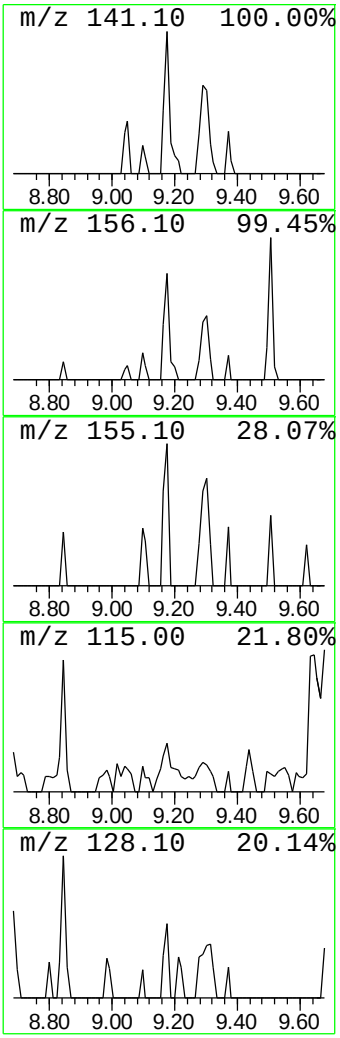
****

Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	3.07 ng	56989	Acenaphthene-d10	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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

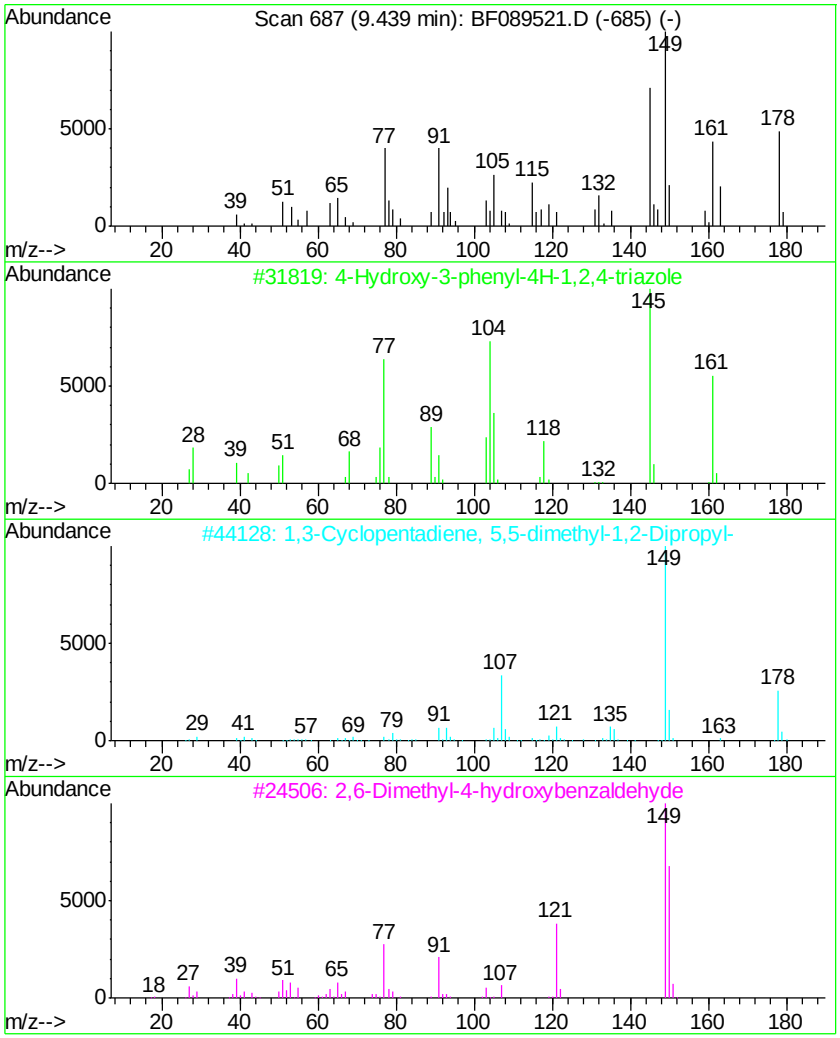
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

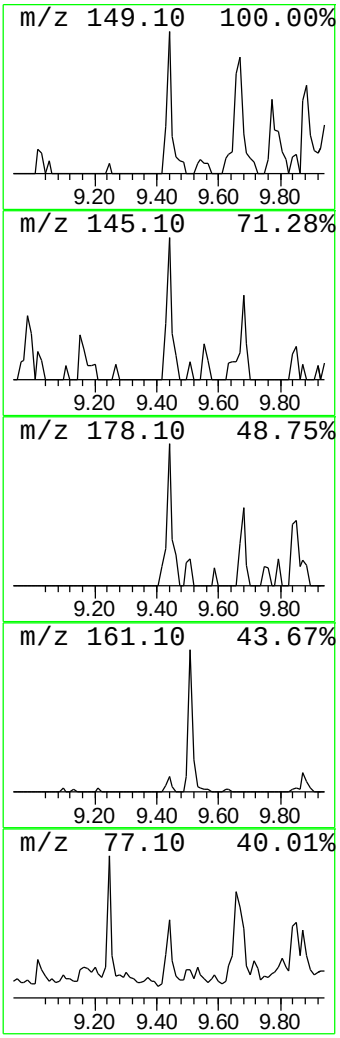
****

Peak Number 12 unknown9.44 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.60 ng	48262	Acenaphthene-d10	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-phenyl-4H-1,2,4-tria...	161	C8H7N3O	031409-47-9	30
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	27
3	2,6-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	070547-87-4	22
4	Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	18
5	Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	16





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Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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

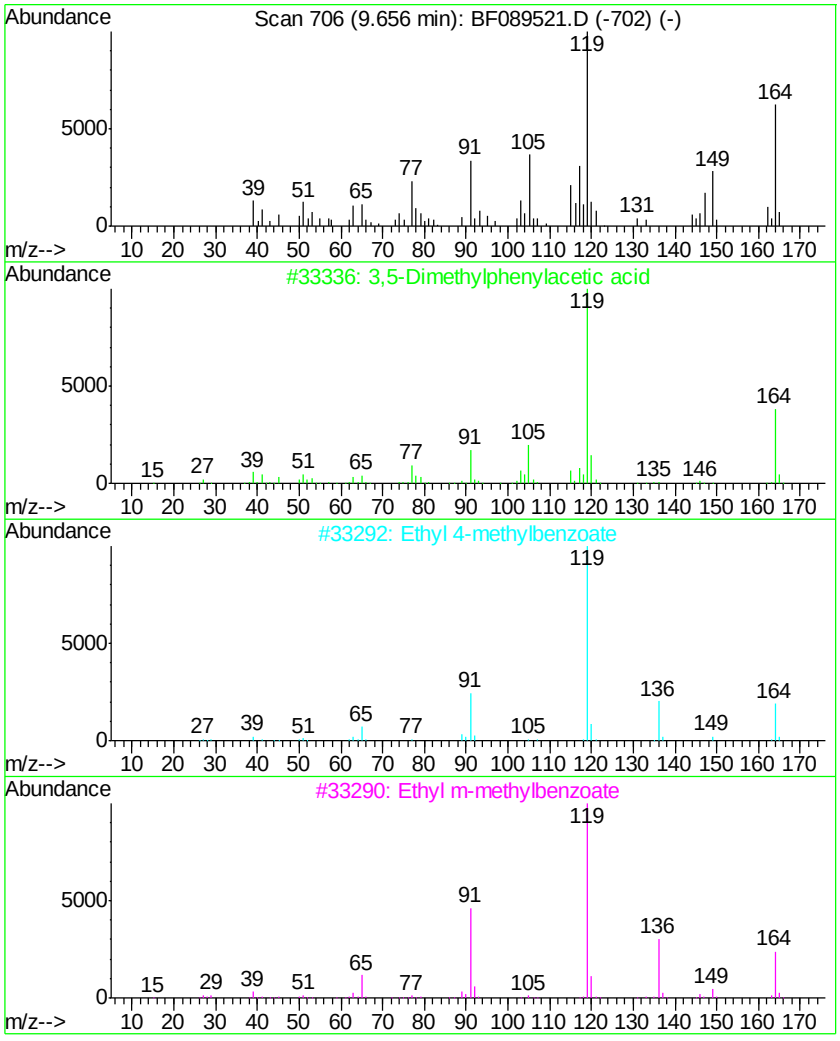
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

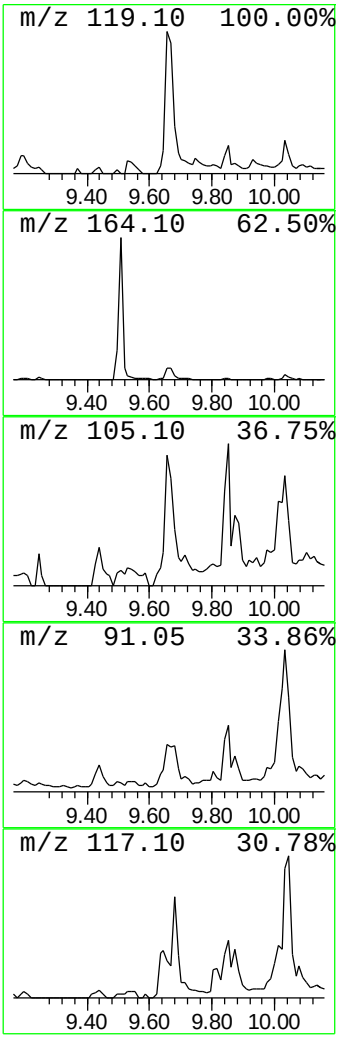
****

Peak Number 13 3,5-Dimethylphenylacetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	11.07 ng	205624	Acenaphthene-d10	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	52
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	46
3	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	46
4	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	46
5	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	43





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Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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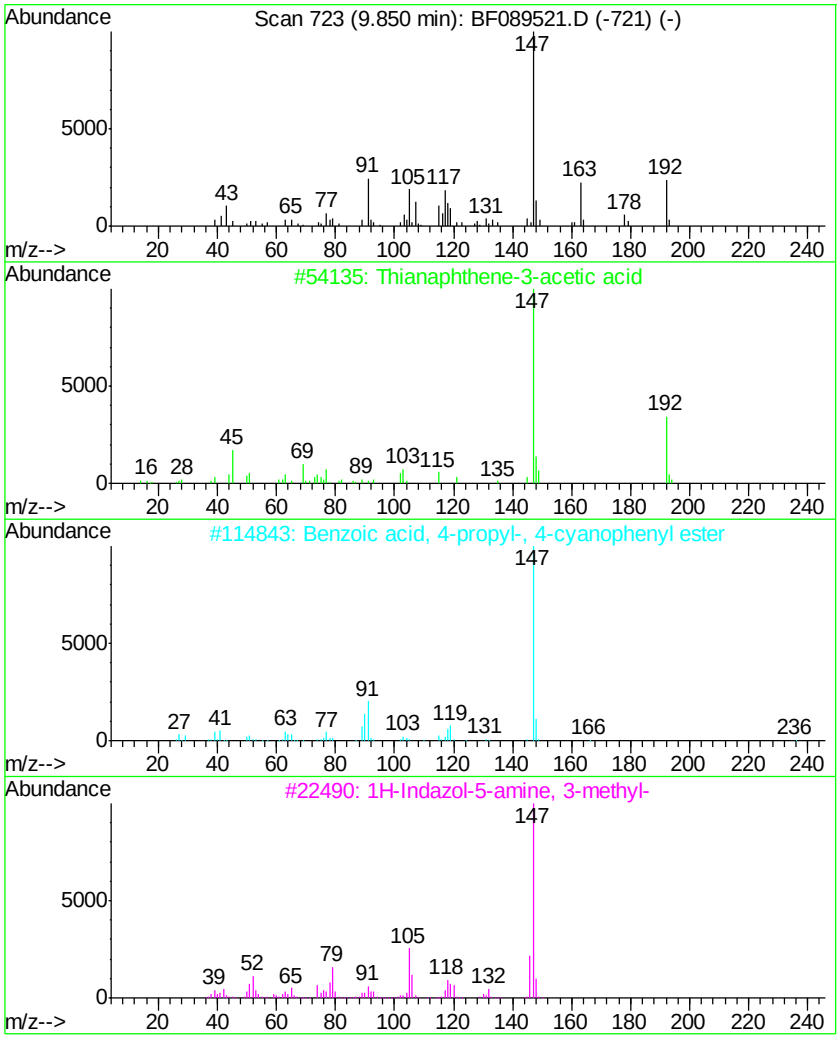
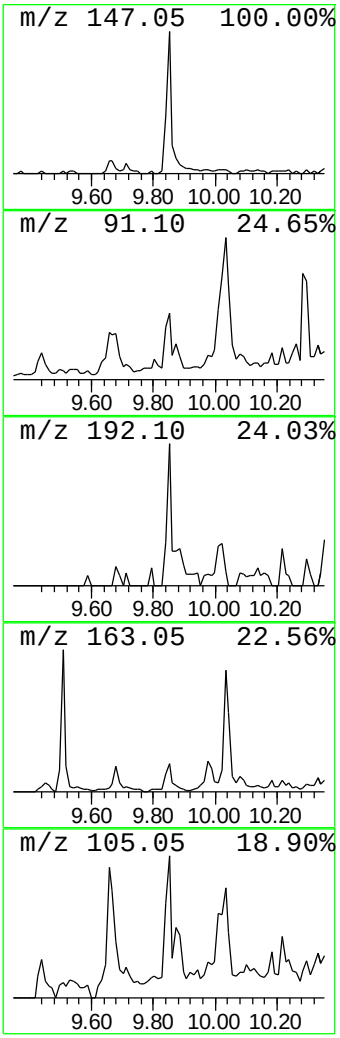
Peak Number 14 unknown9.85 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	5.46 ng	101302	Acenaphthene-d10	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	49
2	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47
3	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	47
4	2H-Indazol-3-amine, 2-methyl-	147	C8H9N3	097990-19-7	47
5	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	46





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Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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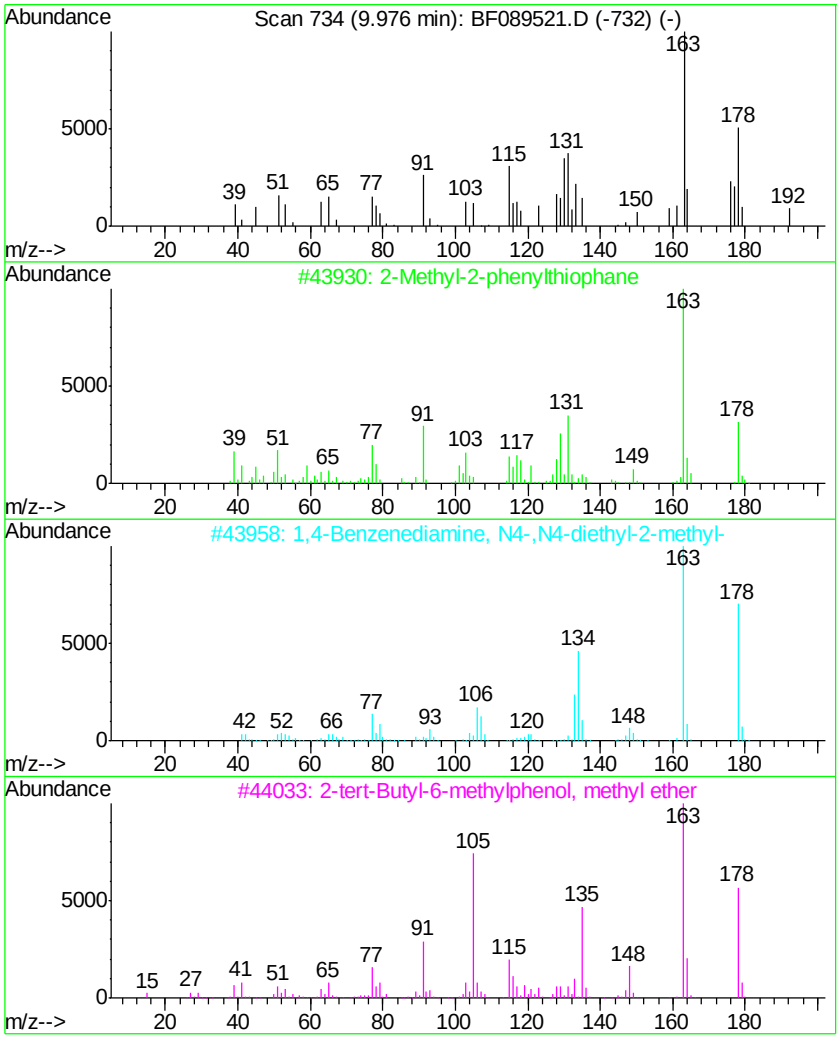
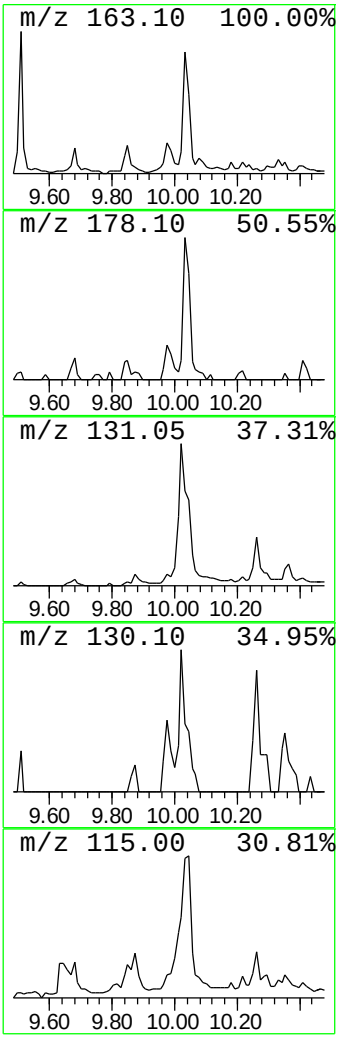
Peak Number 15 2-Methyl-2-phenylthiophane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.30 ng	42771	Acenaphthene-d10	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	64
2	1,4-Benzenediamine, N4-,N4-dieth...	178	C11H18N2	000148-71-0	49
3	2-tert-Butyl-6-methylphenol, met...	178	C12H18O	1000333-48-1	47
4	2-Propanone, 1-(3,5,5-trimethyl-...	178	C12H18O	016695-73-1	47
5	Benzene, 1-(1,1-dimethylethyl)-2...	178	C12H18O	000088-40-4	47





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Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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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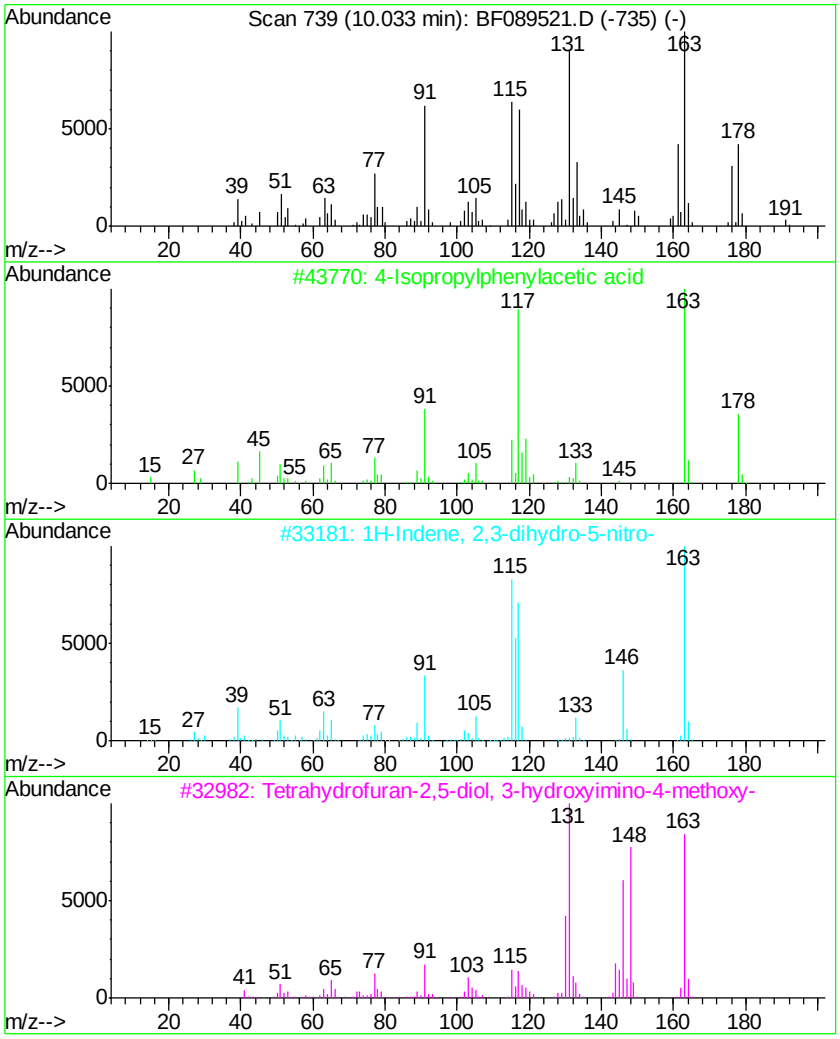
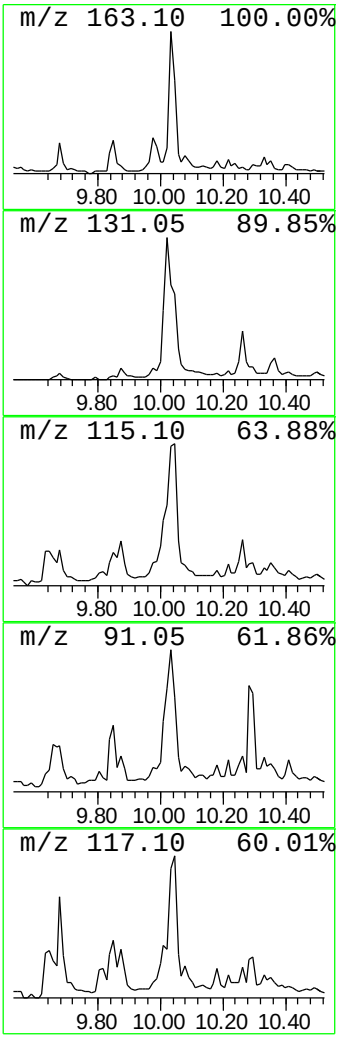
Peak Number 16 unknown10.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	20.46 ng	379864	Acenaphthene-d10	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	46
2	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	41
3	Tetrahydrofuran-2,5-diol, 3-hydr...	163	C5H9NO5	1000128-93-0	38
4	Cyclopropanecarboxylic acid, 2-p...	176	C11H12O2	020030-70-0	35
5	Cyclopropanecarboxylic acid, 2-p...	176	C11H12O2	010488-03-6	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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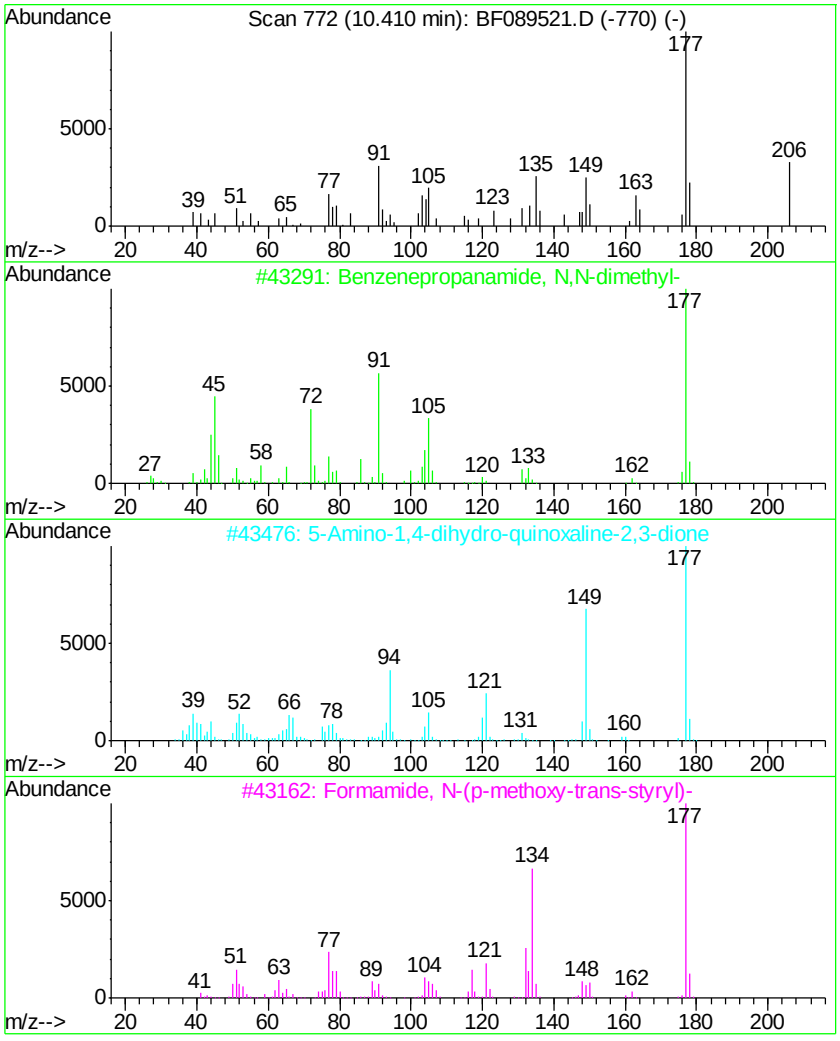
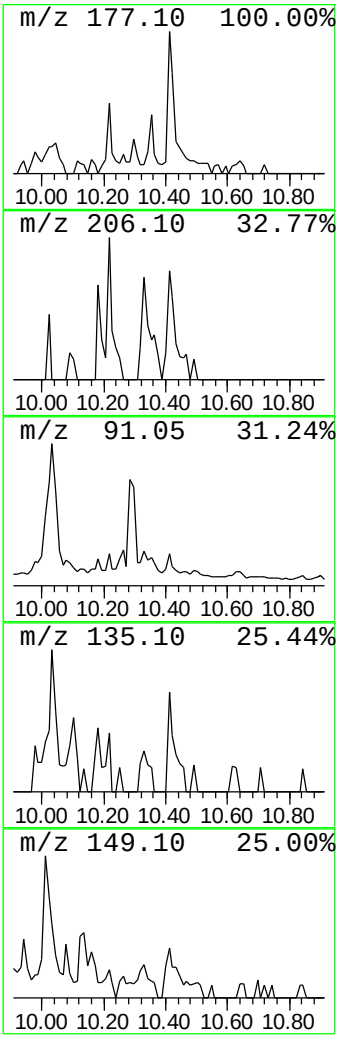
Peak Number 17 unknown10.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	4.76 ng	66363	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanamide, N,N-dimethyl-	177	C11H15NO	005830-31-9	47
2	5-Amino-1,4-dihydro-quinoxaline-...	177	C8H7N3O2	076097-87-5	43
3	Formamide, N-(p-methoxy-trans-st...	177	C10H11NO2	002501-37-3	43
4	5-Aminomethylene-6-hydroxy-4-met...	177	C8H7N3O2	1000223-27-4	38
5	trans-.beta.-Ionone	192	C13H20O	000079-77-6	38





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Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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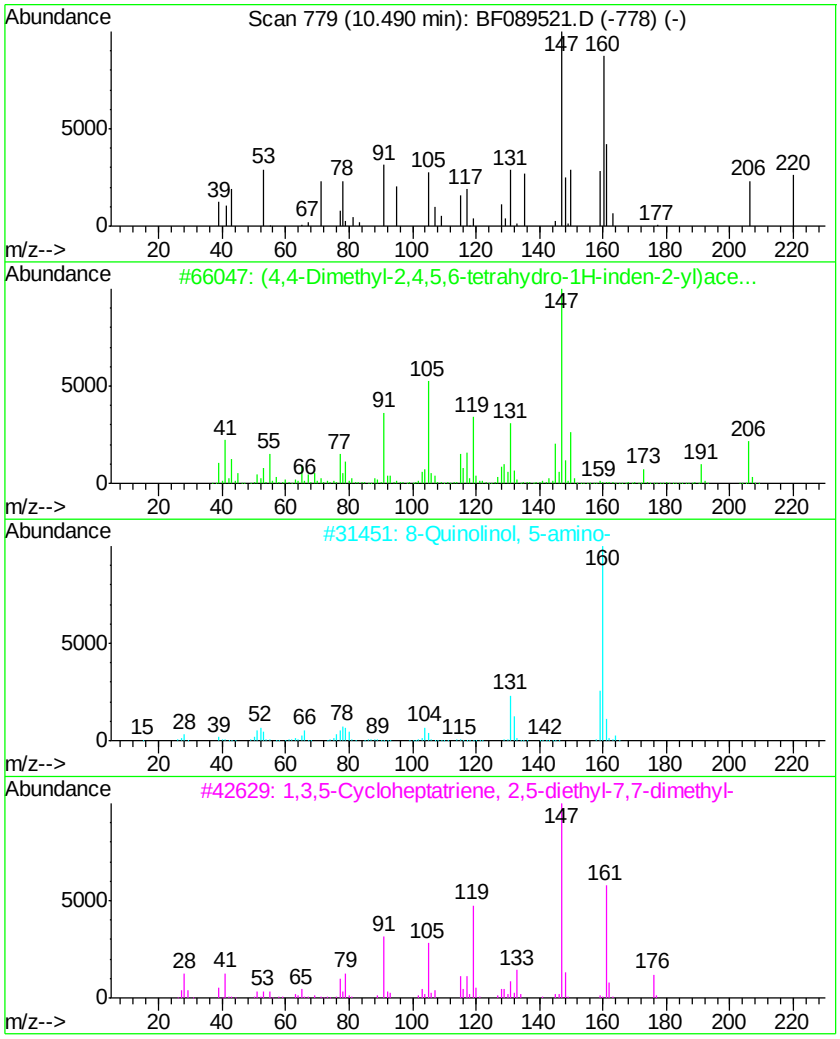
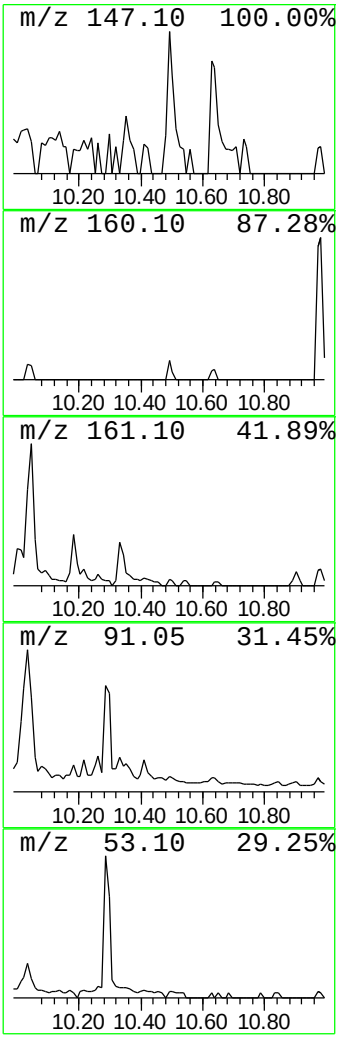
Peak Number 18 unknown10.49 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.64 ng	36841	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4,4-Dimethyl-2,4,5,6-tetrahydro...	206	C13H18O2	113522-67-1	38
2	8-Quinolinol, 5-amino-	160	C9H8N2O	013207-66-4	22
3	1,3,5-Cycloheptatriene, 2,5-diet...	176	C13H20	1000156-99-5	12
4	1,6-Dihydroxynaphthalene	160	C10H8O2	000575-44-0	10
5	Quinazoline, 2-methoxy-	160	C9H8N2O	006141-15-7	10





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Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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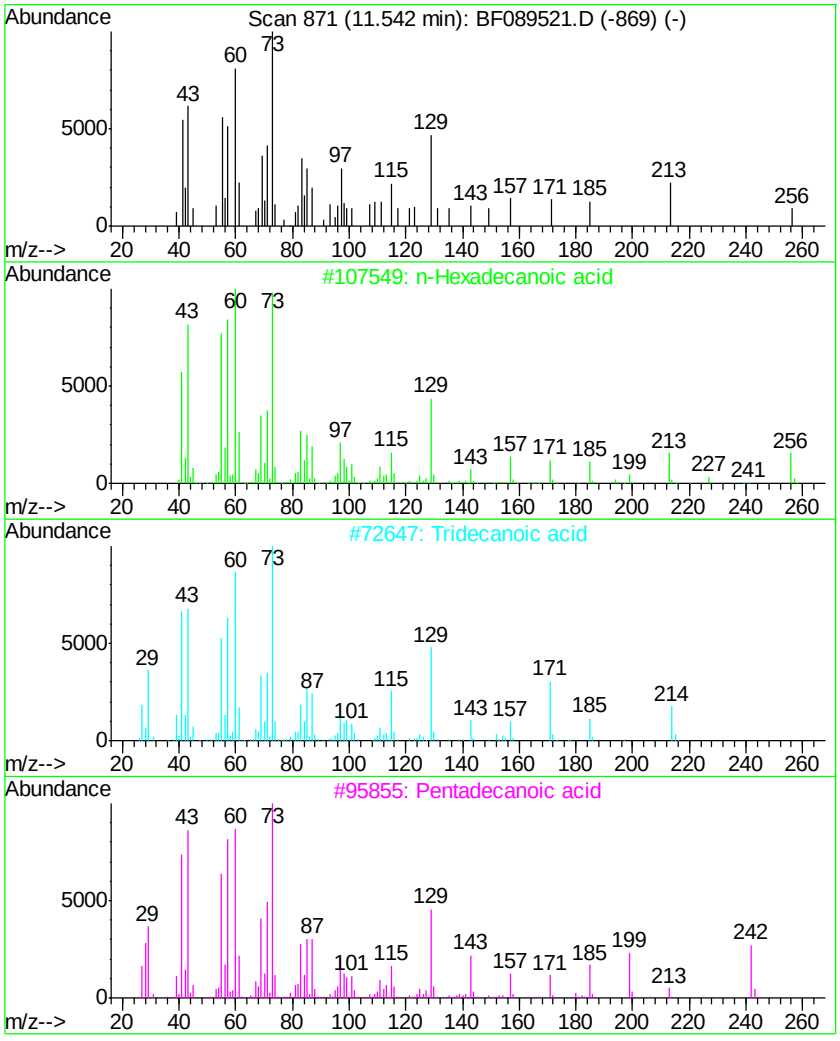
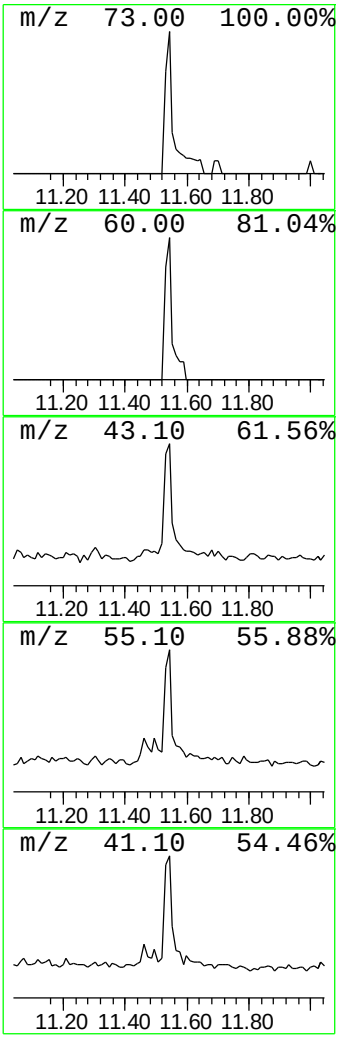
Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.38 ng	61030	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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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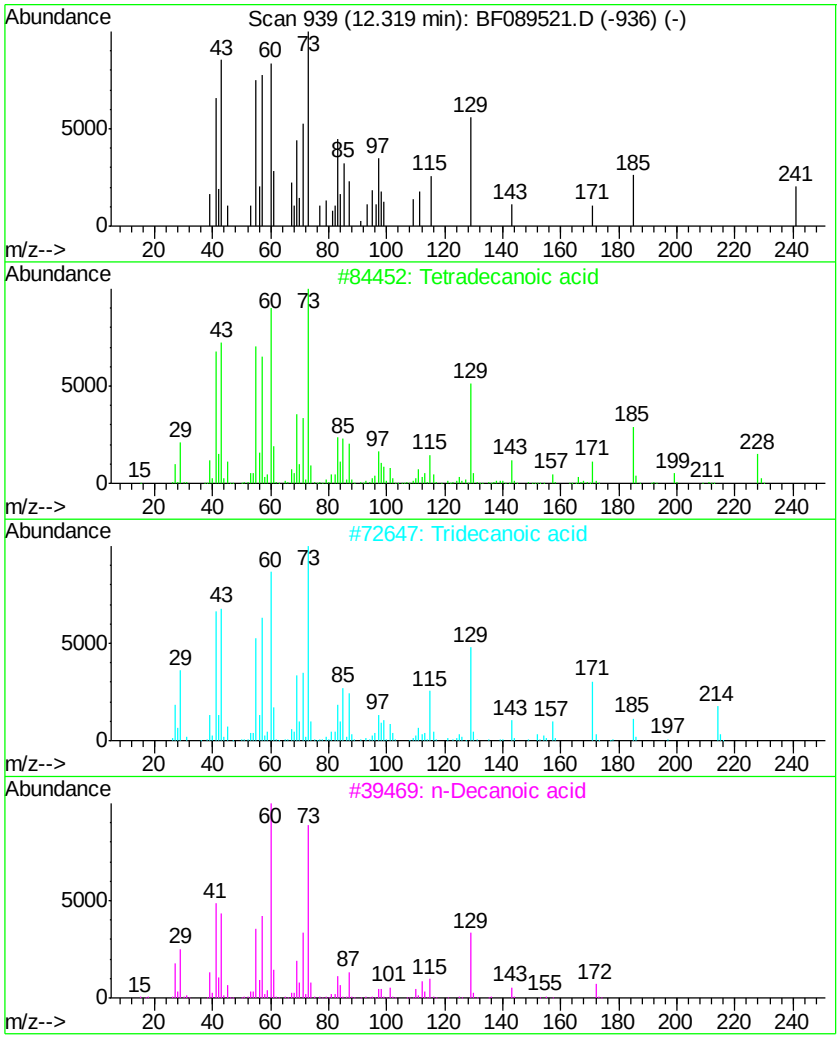
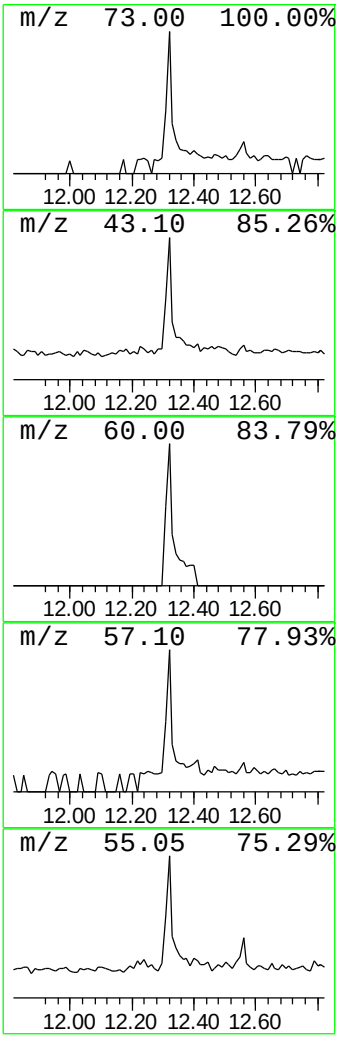
Peak Number 20 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.26 ng	51614	Chrysene-d12	13.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	27
5	4-Pentadecanol	228	C15H32O	109212-91-1	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089521.D
Acq On : 1 Aug 2016 20:26
Operator : UM/SJ
Sample : H4251-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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...	4.56	8.1	ng	88497	1	6.48	219979	20.0
unknown6.24	6.24	84.8	ng	932171	1	6.48	219979	20.0
Benzene, 4-ethyl-...	6.82	2.9	ng	32252	1	6.48	219979	20.0
Benzene, 1,2,3,5-...	7.27	4.6	ng	87874	2	7.77	384970	20.0
Benzene, pentamet...	7.43	3.2	ng	61488	2	7.77	384970	20.0
3-Phenylbut-1-ene	7.51	11.6	ng	223735	2	7.77	384970	20.0
unknown8.54	8.54	2.2	ng	43076	2	7.77	384970	20.0
unknown9.10	9.10	2.4	ng	44632	3	9.51	371402	20.0
Naphthalene, 2,7-...	9.18	3.1	ng	56989	3	9.51	371402	20.0
unknown9.44	9.44	2.6	ng	48262	3	9.51	371402	20.0
3,5-Dimethylpheny...	9.66	11.1	ng	205624	3	9.51	371402	20.0
unknown9.85	9.85	5.5	ng	101302	3	9.51	371402	20.0
2-Methyl-2-phenyl...	9.98	2.3	ng	42771	3	9.51	371402	20.0
unknown10.03	10.03	20.5	ng	379864	3	9.51	371402	20.0
unknown10.41	10.41	4.8	ng	66363	4	10.98	278809	20.0
unknown10.49	10.49	2.6	ng	36841	4	10.98	278809	20.0
n-Hexadecanoic acid	11.54	4.4	ng	61030	4	10.98	278809	20.0
Tetradecanoic acid	12.32	5.3	ng	51614	5	13.60	196093	20.0