LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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	2.743	53	69	76	rVB	59092	146883	8.51%	0.683%
2	3.690	220	230	237	rBV	64136	108752	6.30%	0.506%
3	4.401	346	351	355	rBV	141006	156925	9.09%	0.730%
4	4.907	433	437	443	rBV3	66859	101123	5.86%	0.470%
5	5.295	499	503	505	rBV	135883	139390	8.08%	0.649%
6	5.325	505	508	512	rVB	1719207	1677789	97.21%	7.806%
7	5.560	545	548	557	rVB	171841	173676	10.06%	0.808%
8	6.354	679	683	686	rBV	1906863	1624362	94.12%	7.557%
9	6.489	702	706	709	rBV	2062991	1725897	100.00%	8.030%
10	6.548	714	716	719	rBV	125584	112921	6.54%	0.525%
11	6.719	742	745	749	rBV	811538	692293	40.11%	3.221%
12	6.878	768	772	775	rBV	1658587	1320539	76.51%	6.144%
13	7.278	832	840	843	rBV	1280763	1069006	61.94%	4.973%
14	8.001	960	963	965	rBV	1088326	838137	48.56%	3.899%
15	8.025	965	967	970	rVB	306760	235801	13.66%	1.097%
16	8.713	1079	1084	1089	rBV3	515688	570286	33.04%	2.653%
17	8.760	1089	1092	1098	rVV2	92790	132494	7.68%	0.616%
18	8.813	1098	1101	1104	rVB	288222	229033	13.27%	1.066%
19	9.036	1136	1139	1142	rBV5	83573	103997	6.03%	0.484%
20	9.078	1142	1146	1149	rBV	1993794	1500947	86.97%	6.983%
21	9.172	1157	1162	1166	rBV3	170616	253971	14.72%	1.182%
22	9.272	1176	1179	1183	rBV2	97334	120822	7.00%	0.562%
23	9.336	1187	1190	1194	rVV	95741	139927	8.11%	0.651%
24	9.413	1201	1203	1205	rBV2	219527	197865	11.46%	0.921%
25	9.436	1205	1207	1210	rVB	160698	145048	8.40%	0.675%
26	9.472	1210	1213	1215	rBV	540491	431326	24.99%	2.007%
27	9.530	1220	1223	1227	rBV	183881	206950	11.99%	0.963%
28	9.630	1235	1240	1242	rBV2	206206	320715	18.58%	1.492%
29	9.672	1245	1247	1250	rVB	548664	436576	25.30%	2.031%
30	9.707	1250	1253	1256	rBV3	181098	271958	15.76%	1.265%
31	9.754	1256	1261	1264	rBV2	1021899	1169783	67.78%	5.442%
32	9.807	1267	1270	1272	rBV	200409	221664	12.84%	1.031%
33	10.030	1305	1308	1312	rBV4	210585	332131	19.24%	1.545%
34	10.101	1318	1320	1322	rVB	326239	235914	13.67%	1.098%

LSC Area Percent Report

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Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.130	1323	1325	1328	rBV3	314331	349912	20.27%	1.628%
36	10.172	1328	1332	1335	rBV2	918727	1011415	58.60%	4.706%
37	10.542	1393	1395	1398	rBV2	828553	785500	45.51%	3.654%
38	14.889	2131	2134	2141	rVB	655270	1217156	70.52%	5.663%
39	15.283	2198	2201	2204	rVB	372309	369985	21.44%	1.721%
40	16.624	2425	2429	2435	rVB2	201358	345985	20.05%	1.610%
41	17.024	2494	2497	2504	rVB	146295	269356	15.61%	1.253%

Sum of corrected areas: 21494210

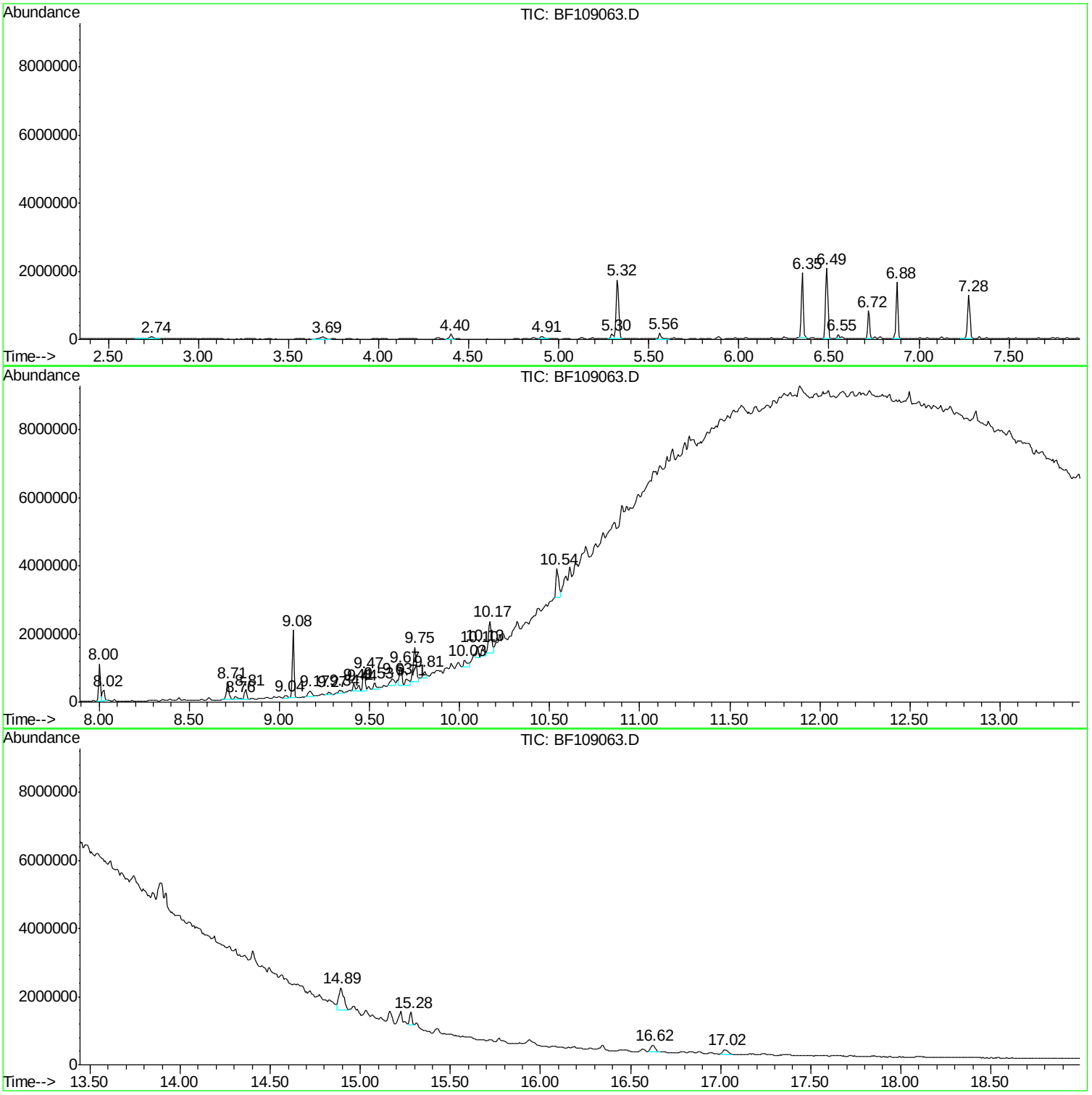
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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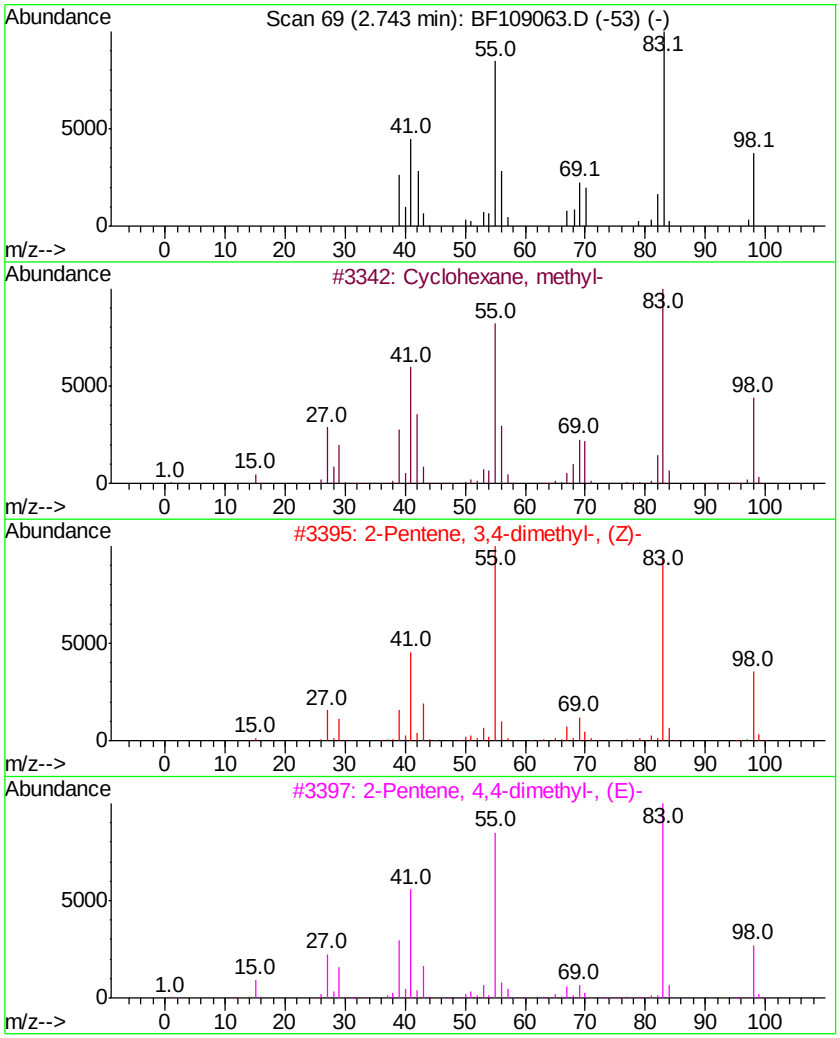
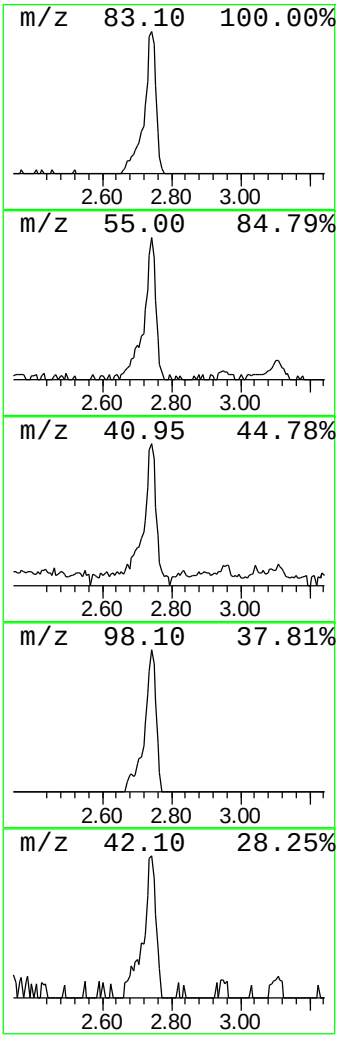
Peak Number 1 Cyclohexane, methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	4.24 ng	146883	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	50
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	50
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
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Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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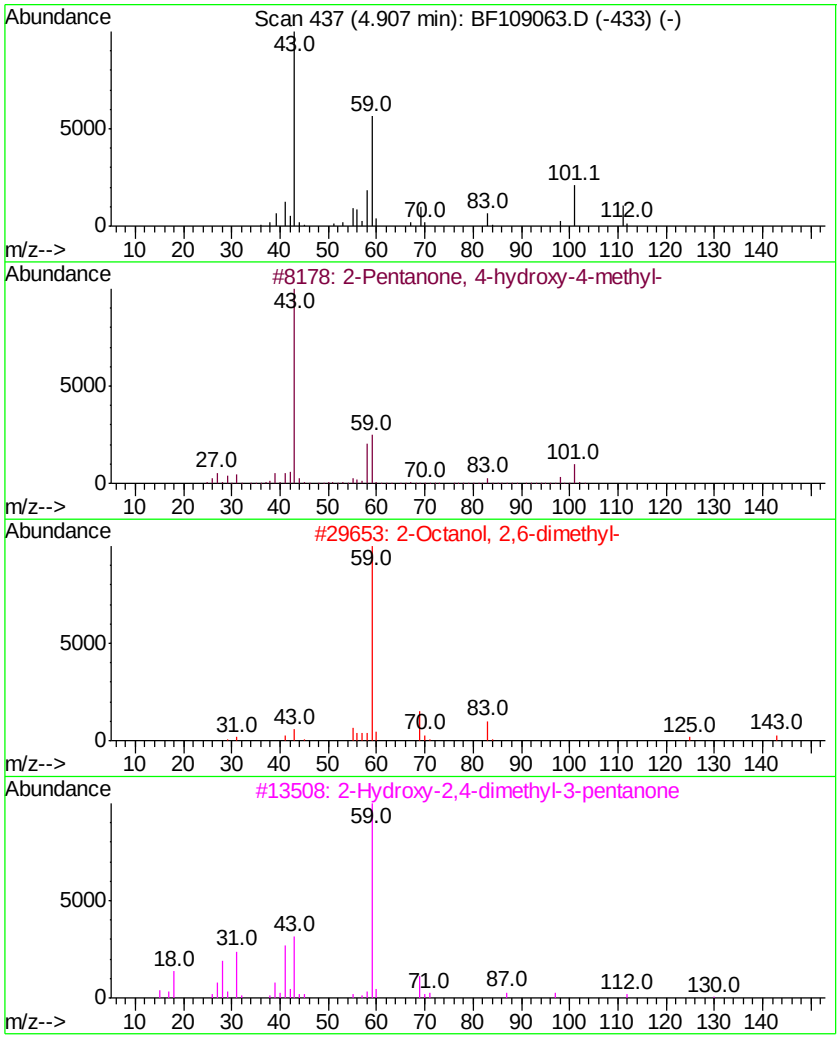
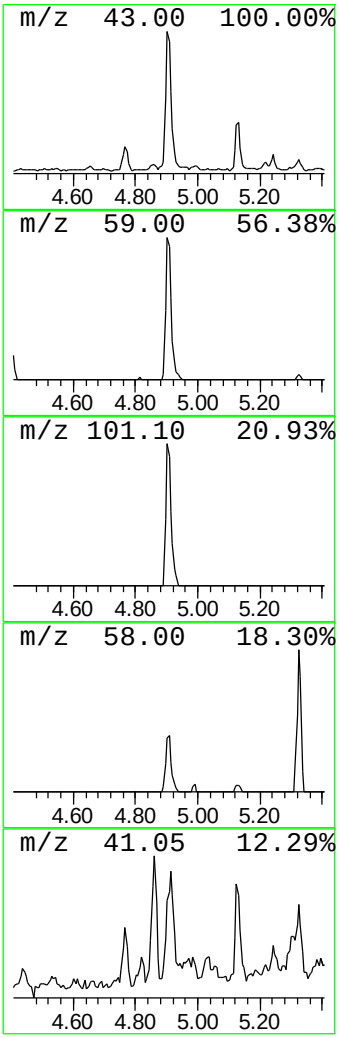
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.92 ng	101123	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
2	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	32
3	2-Hydroxy-2,4-dimethyl-3-pentanone	130	C7H14O2	003212-67-7	17
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
5	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

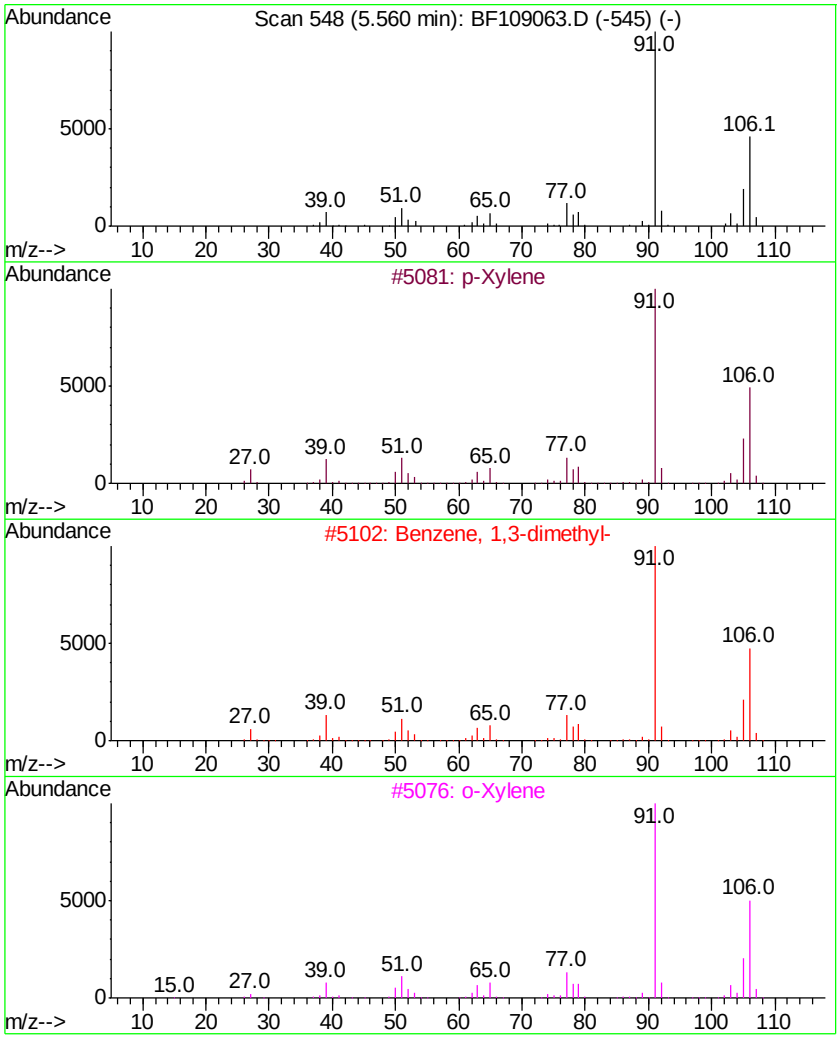
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

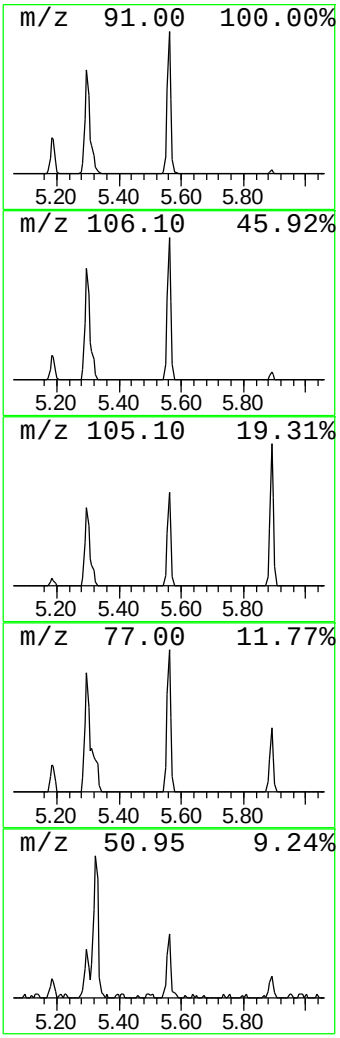
****

Peak Number 5 p-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	5.02 ng	173676	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	93
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

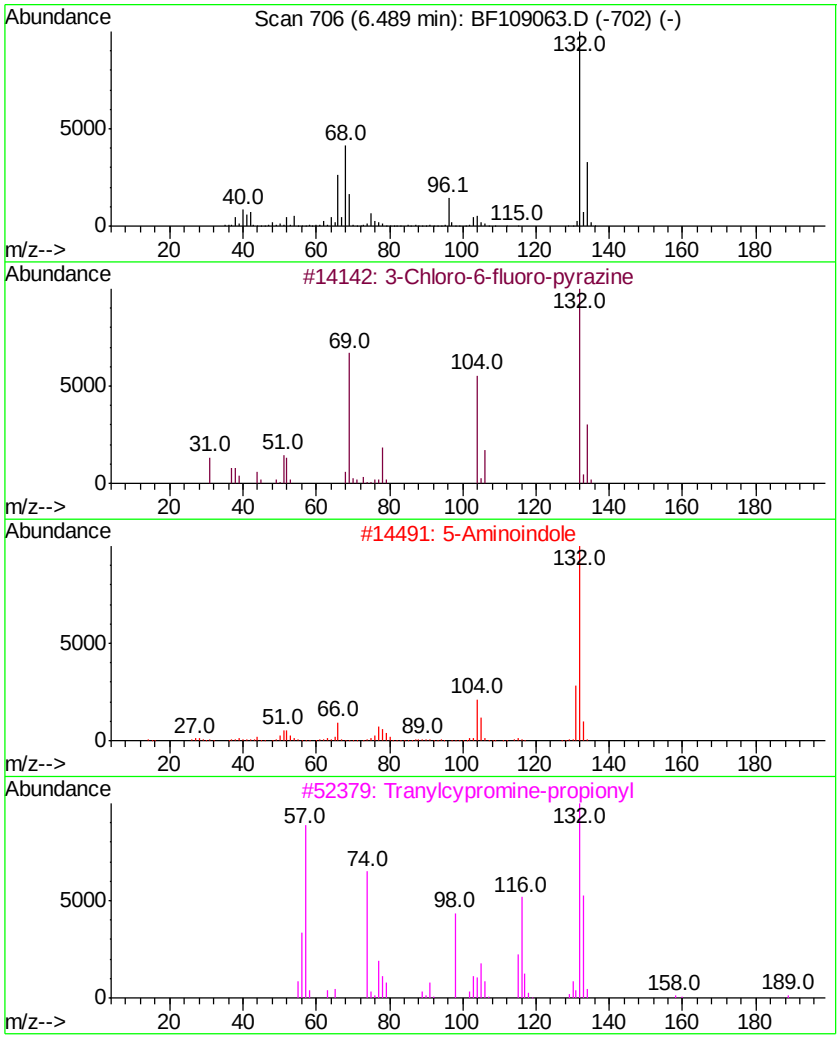
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

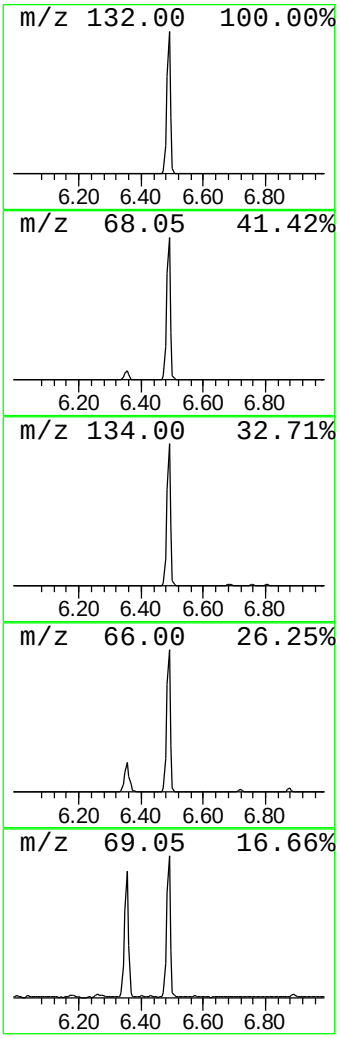
****

Peak Number 6 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	49.86 ng	1725900	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
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Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

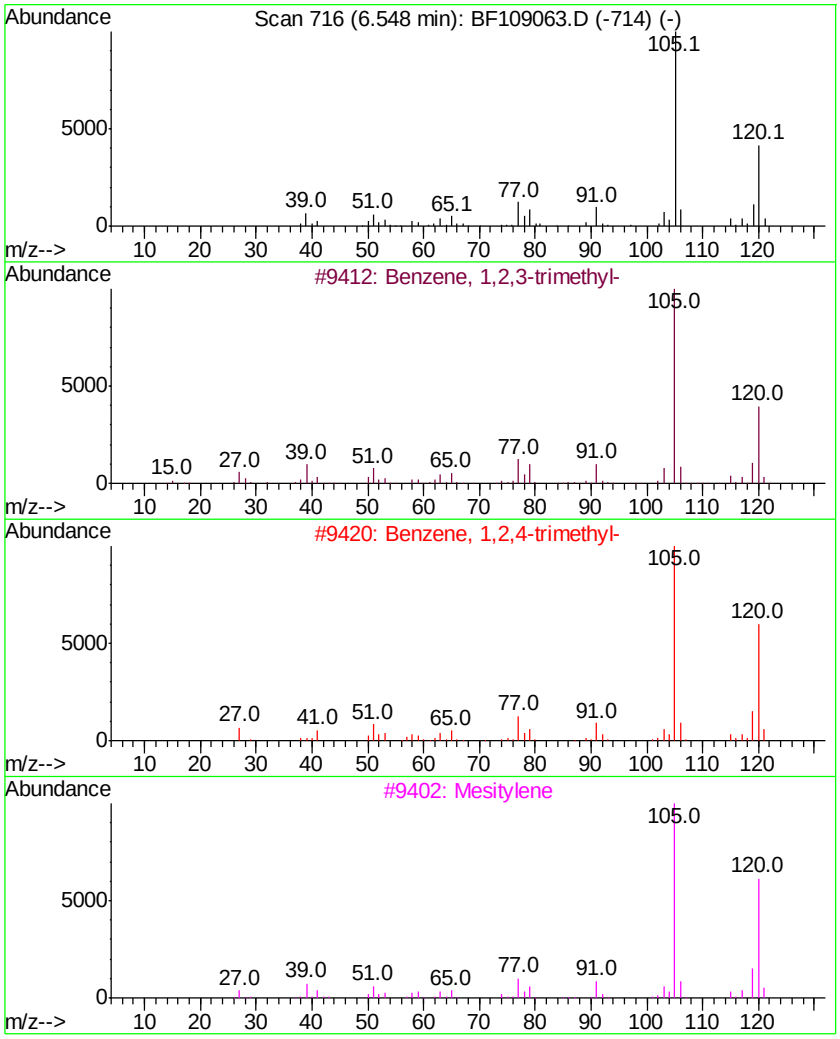
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

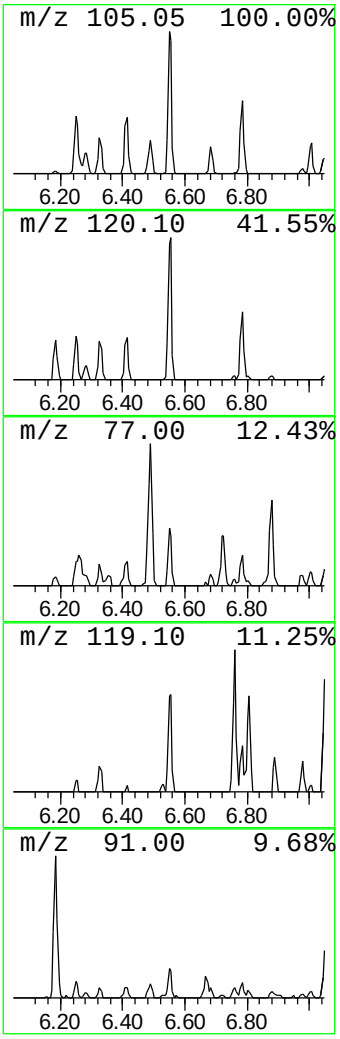
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	3.26 ng	112921	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

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Data File : BF109063.D
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Misc :
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Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

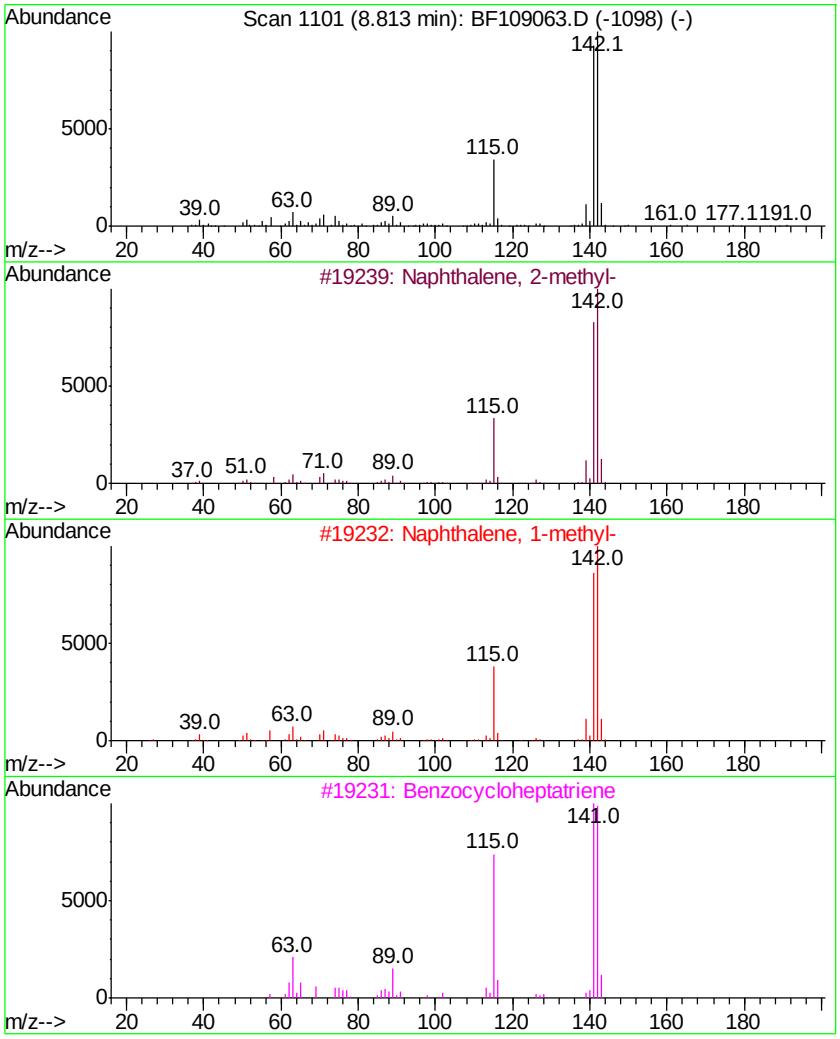
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

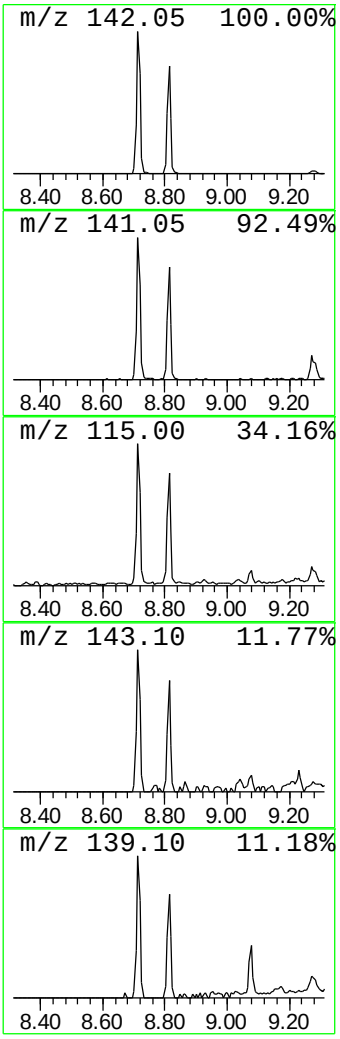
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	5.47 ng	229033	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Spiro(tricyclo[6.2.1.0(2,7)]unde...	186	C13H14O	1000210-02-3	78





Library Search Compound Report

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

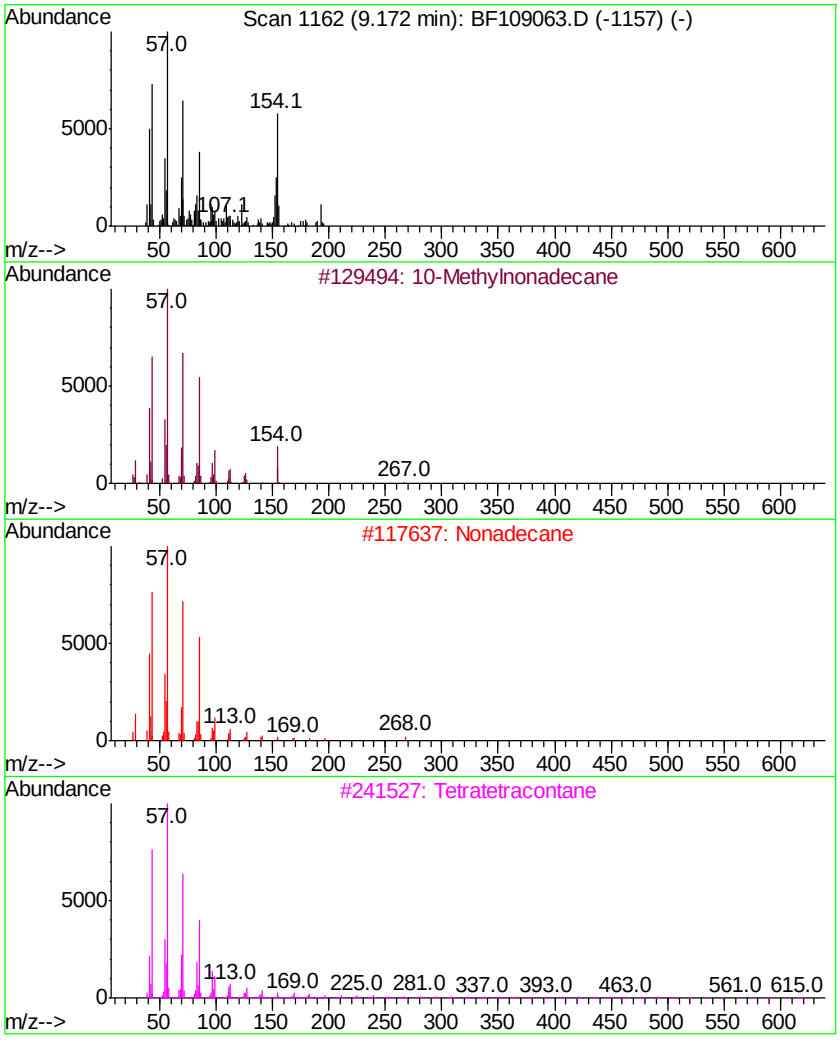
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

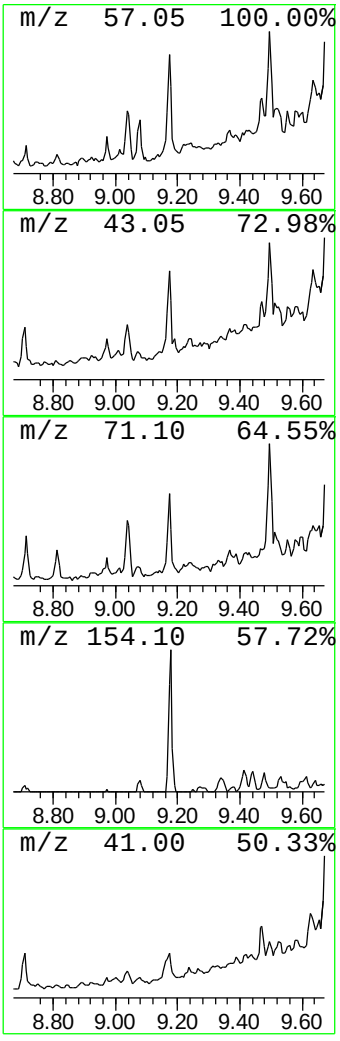
****

Peak Number 10 unknown9.17 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.34 ng	253971	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	46
2	Nonadecane	268	C19H40	000629-92-5	41
3	Tetratetracontane	619	C44H90	007098-22-8	41
4	Biphenyl	154	C12H10	000092-52-4	38
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	38





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Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

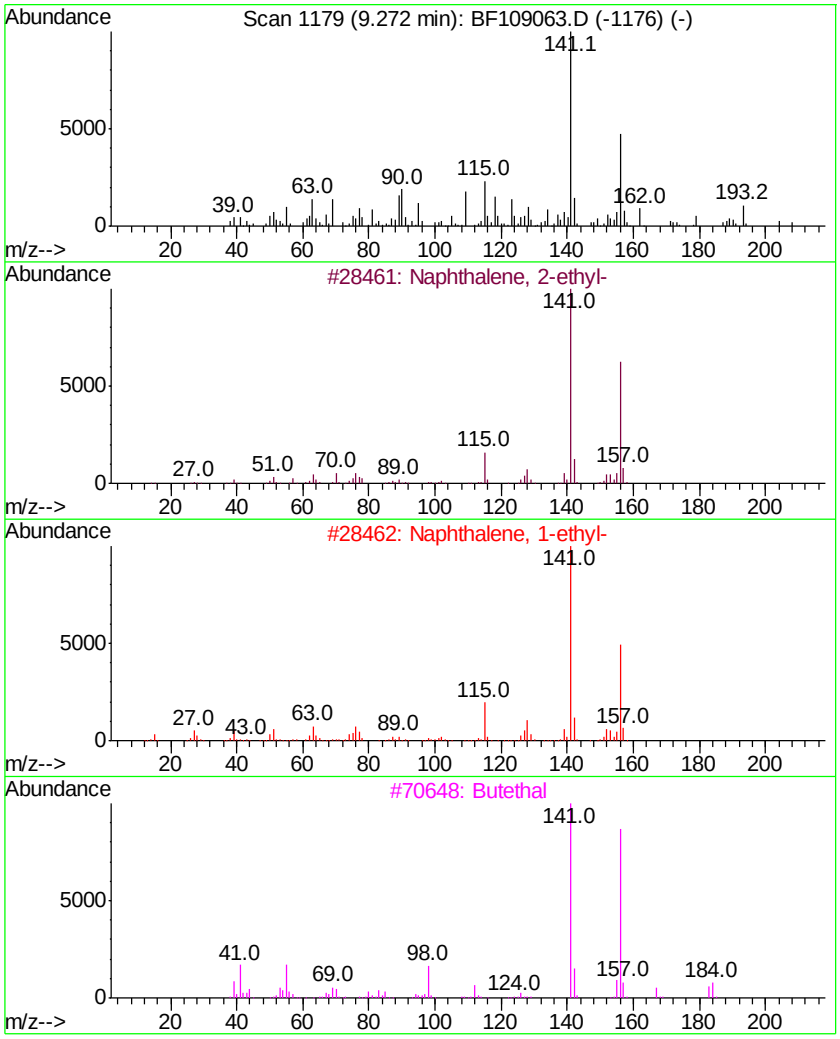
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

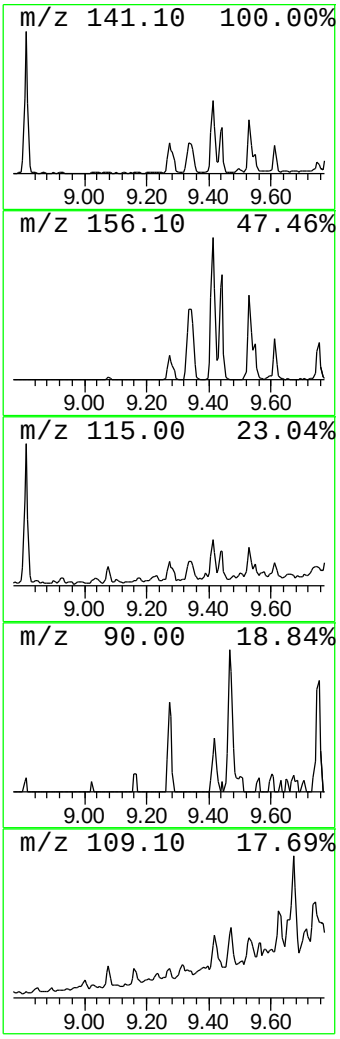
****

Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.07 ng	120822	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	89
3	Butethal	212	C10H16N2O3	000077-28-1	47
4	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	47
5	1,6-Dioxaspiro[4.5]decane, 2-eth...	170	C10H18O2	076495-09-5	43





Library Search Compound Report

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Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
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Misc :
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Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

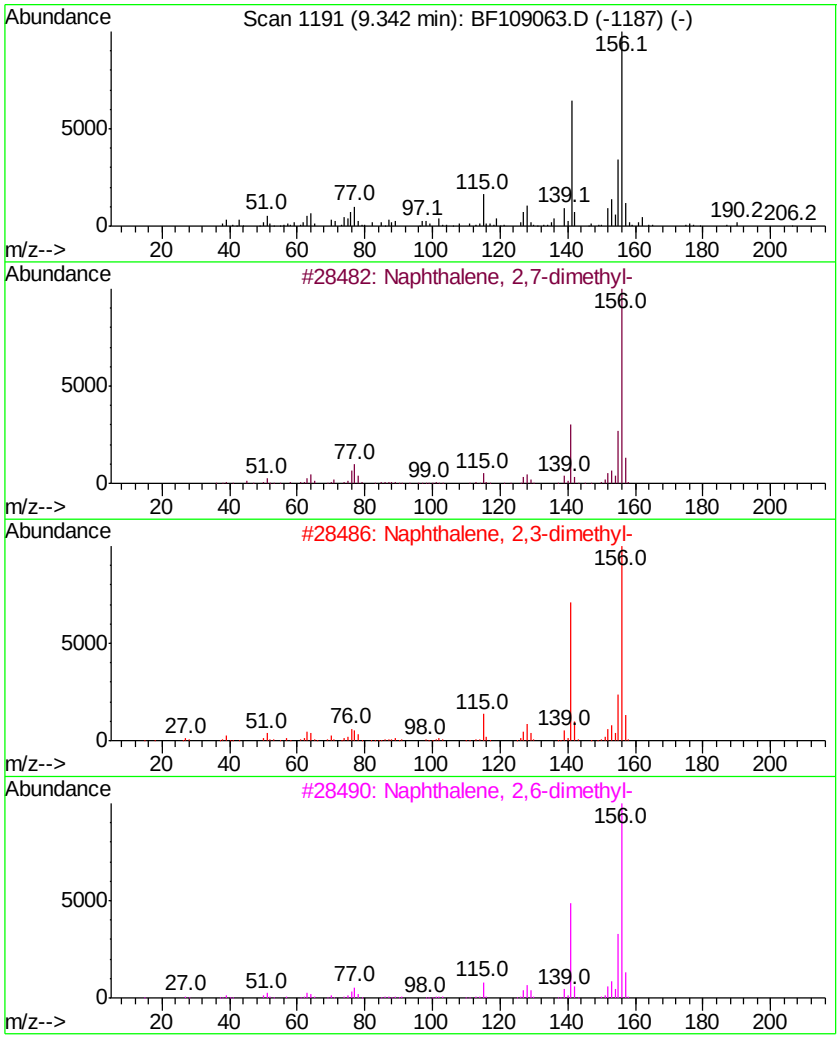
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

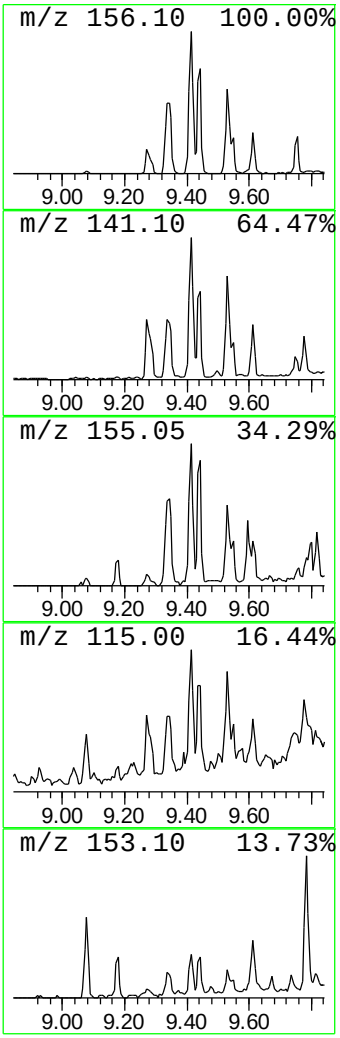
****

Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.39 ng	139927	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

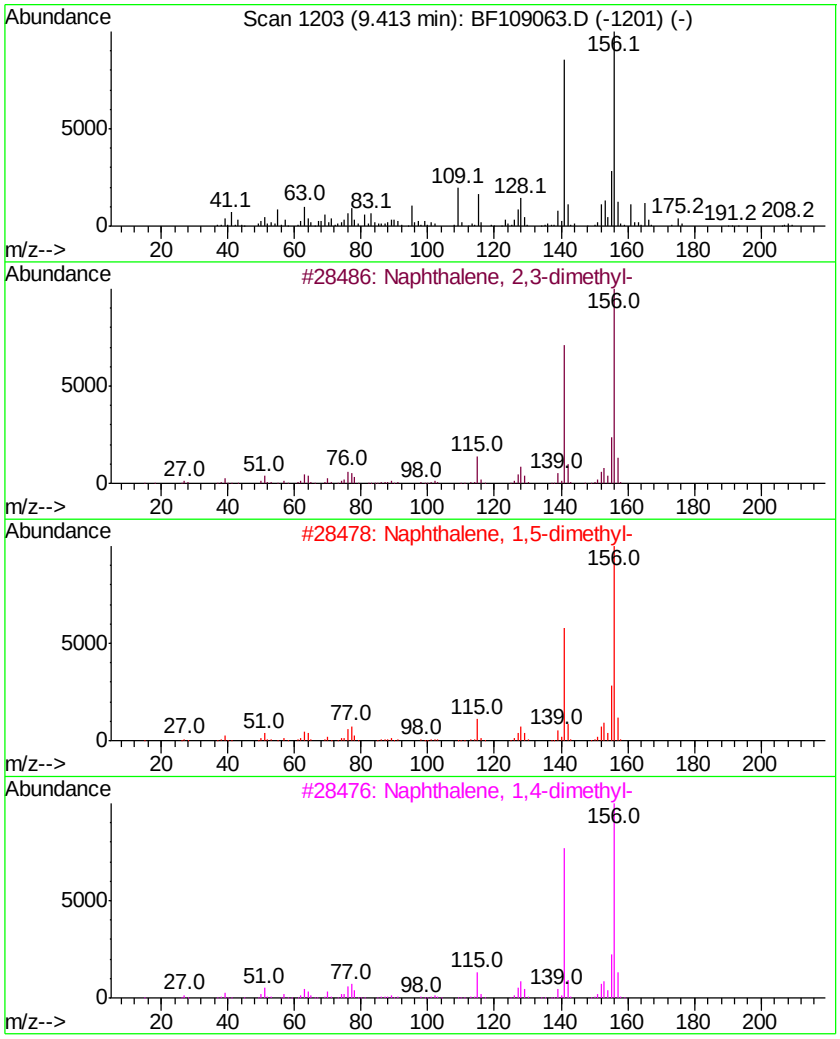
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

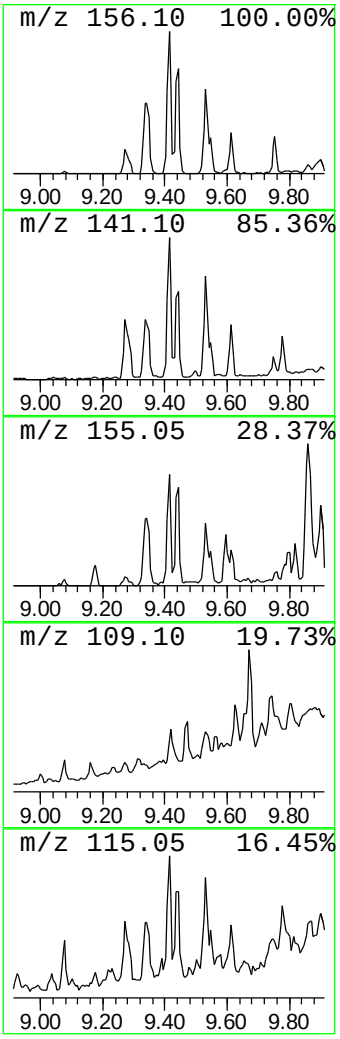
****

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.38 ng	197865	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

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Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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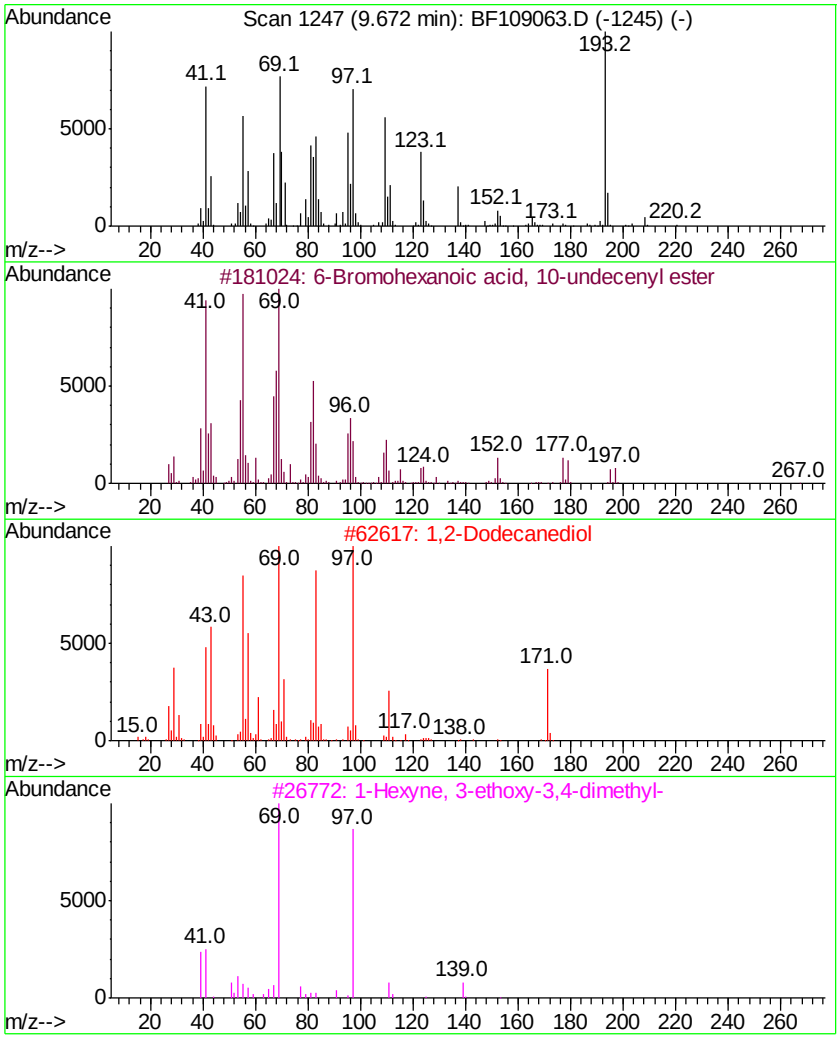
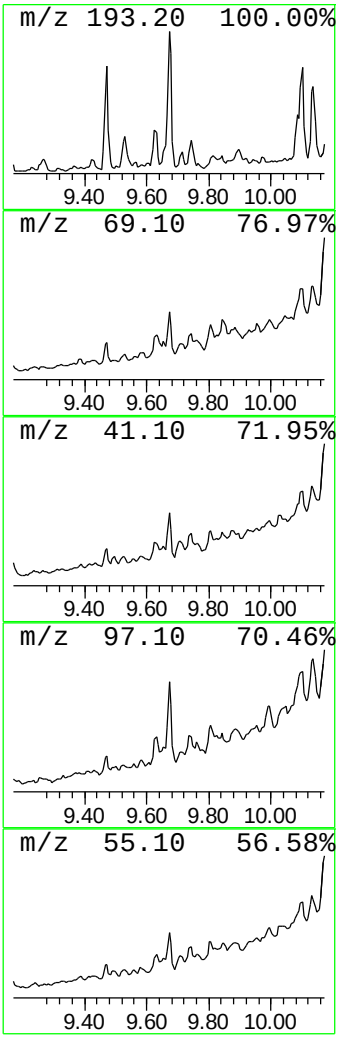
Peak Number 15 unknown9.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	7.46 ng	436576	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromohexanoic acid, 10-undecen...	346	C17H31BrO2	1000281-91-5	22
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	22
3	1-Hexyne, 3-ethoxy-3,4-dimethyl-	154	C10H18O	054244-91-6	22
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	20
5	1,6-Heptadiene, 3,3-dimethyl-	124	C9H16	068701-61-1	18





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Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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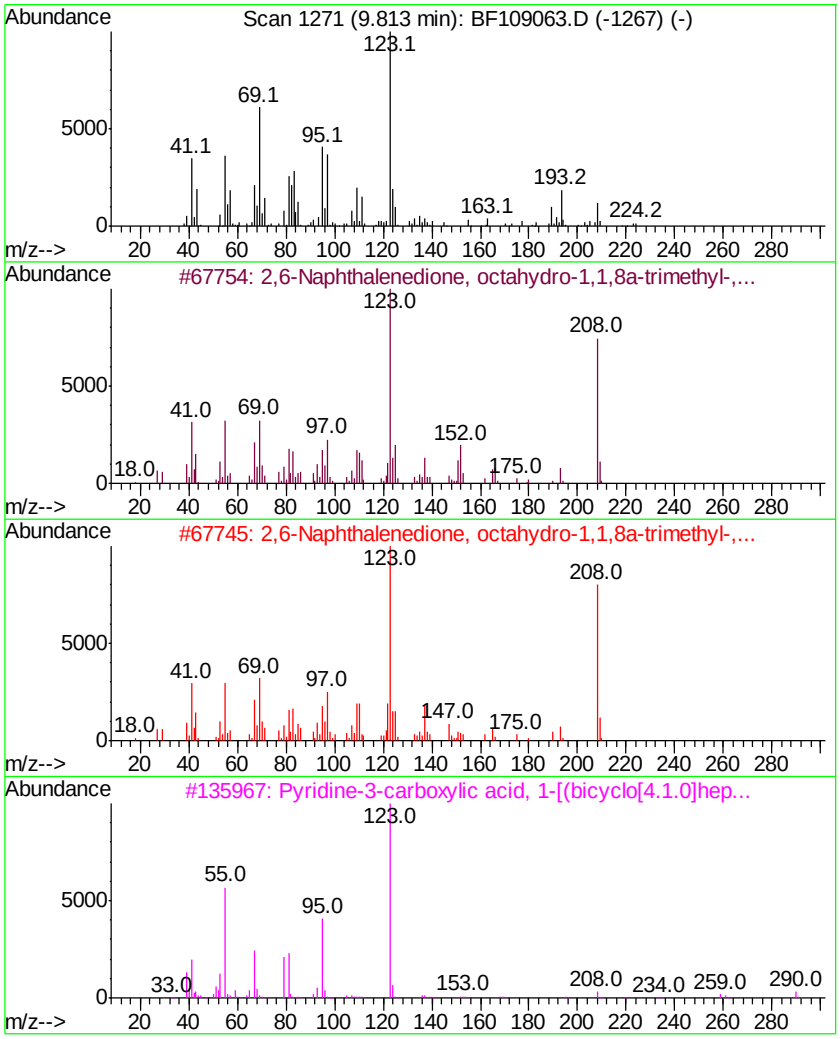
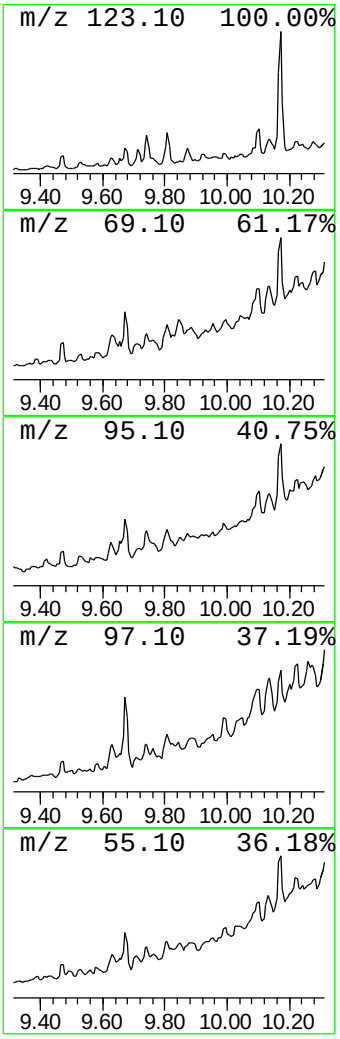
Peak Number 16 2,6-Naphthalenedione, octah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.79 ng	221664	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	59
2	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	58
3	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	43
4	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	42
5	2,5,5,6,1a-Pentamethyl-cis-1a,4a...	208	C14H24O	1000215-77-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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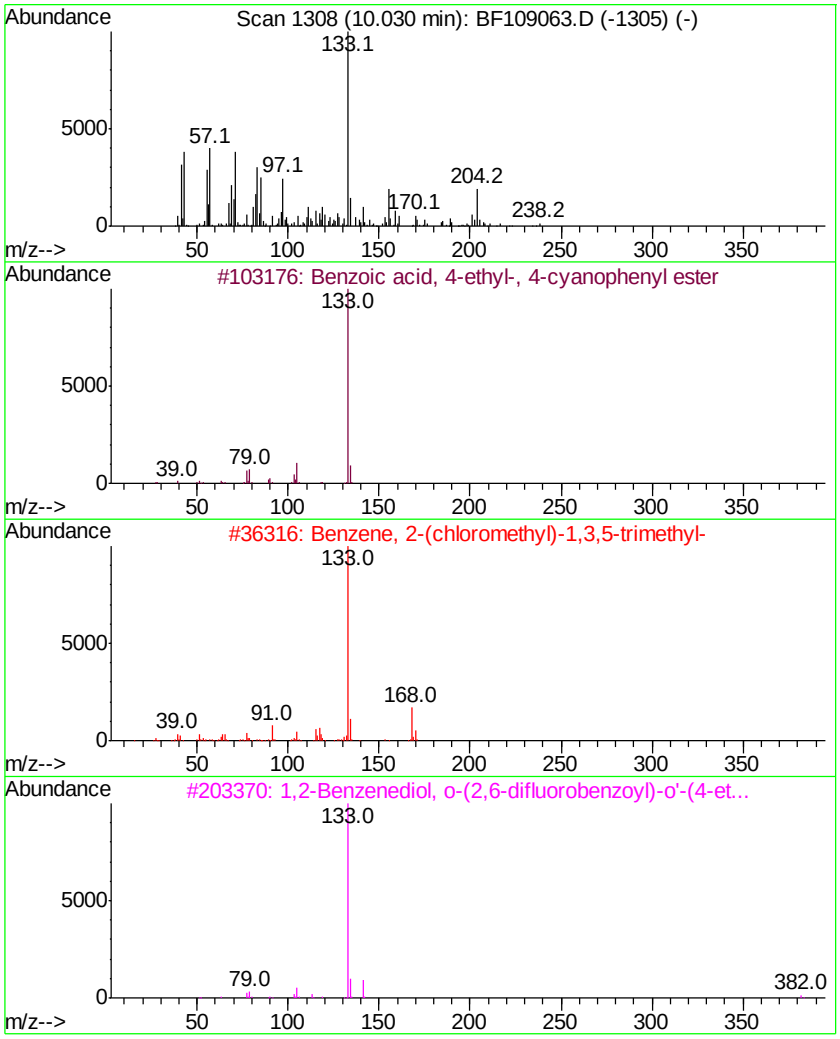
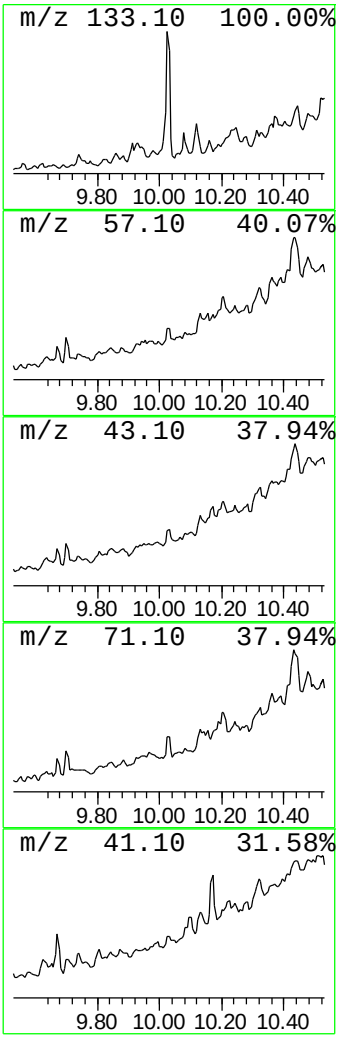
Peak Number 17 unknown10.03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	5.68 ng	332131	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethyl-, 4-cyanop...	251	C16H13NO2	056131-48-7	35
2	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	35
3	1,2-Benzenediol, o-(2,6-difluoro...	382	C22H16F2O4	1000325-97-3	32
4	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	32
5	Benzenepropanol, 2,4,6-trimethyl-	178	C12H18O	027645-07-4	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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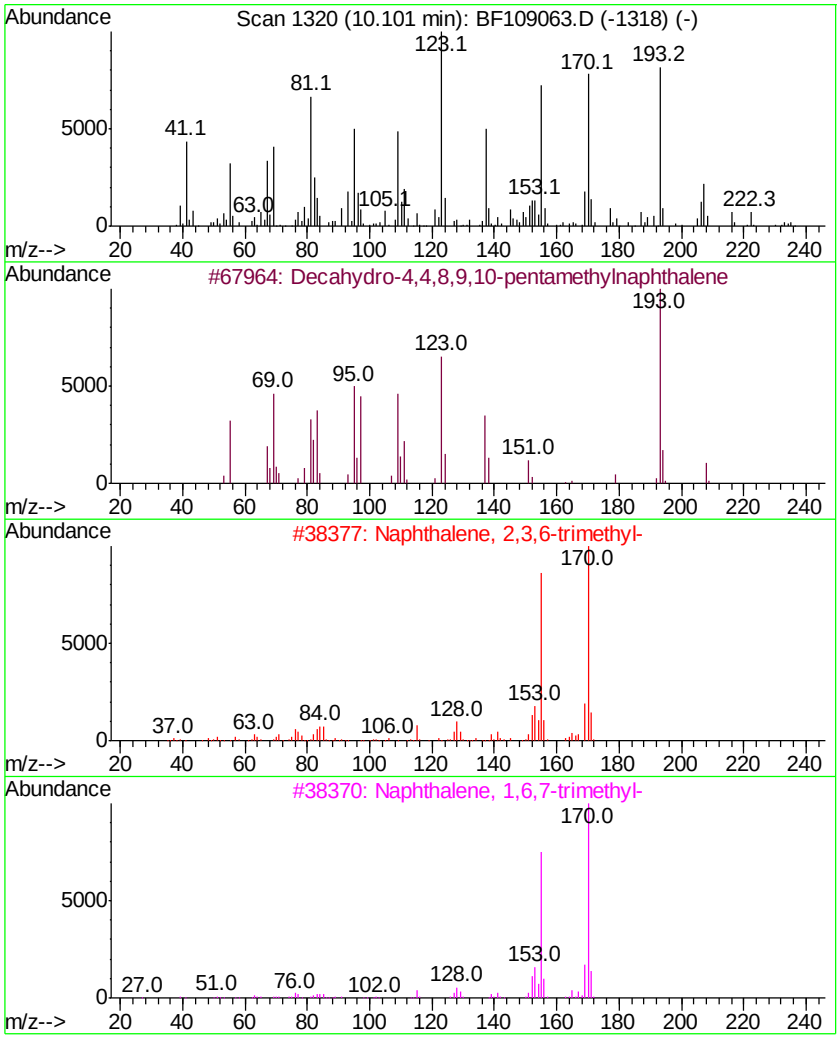
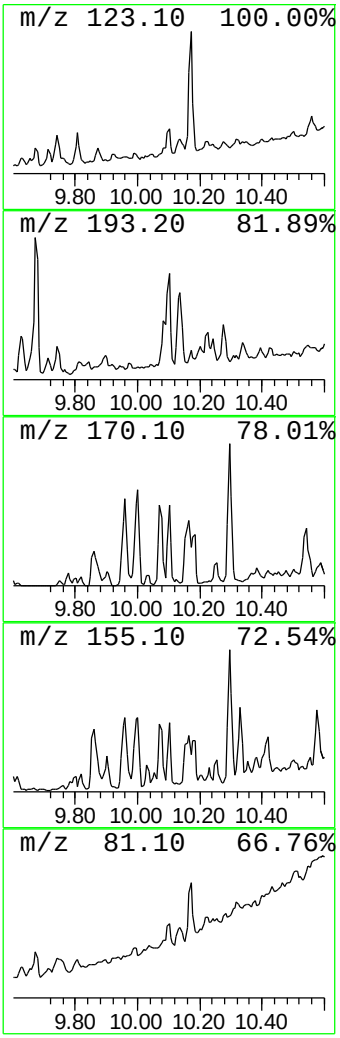
Peak Number 18 unknown10.10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	4.03 ng	235914	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	25
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	25
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	25
5	2,4,6-Trimethyl-2-(4-methyl-pent...	206	C14H22O	1000193-58-6	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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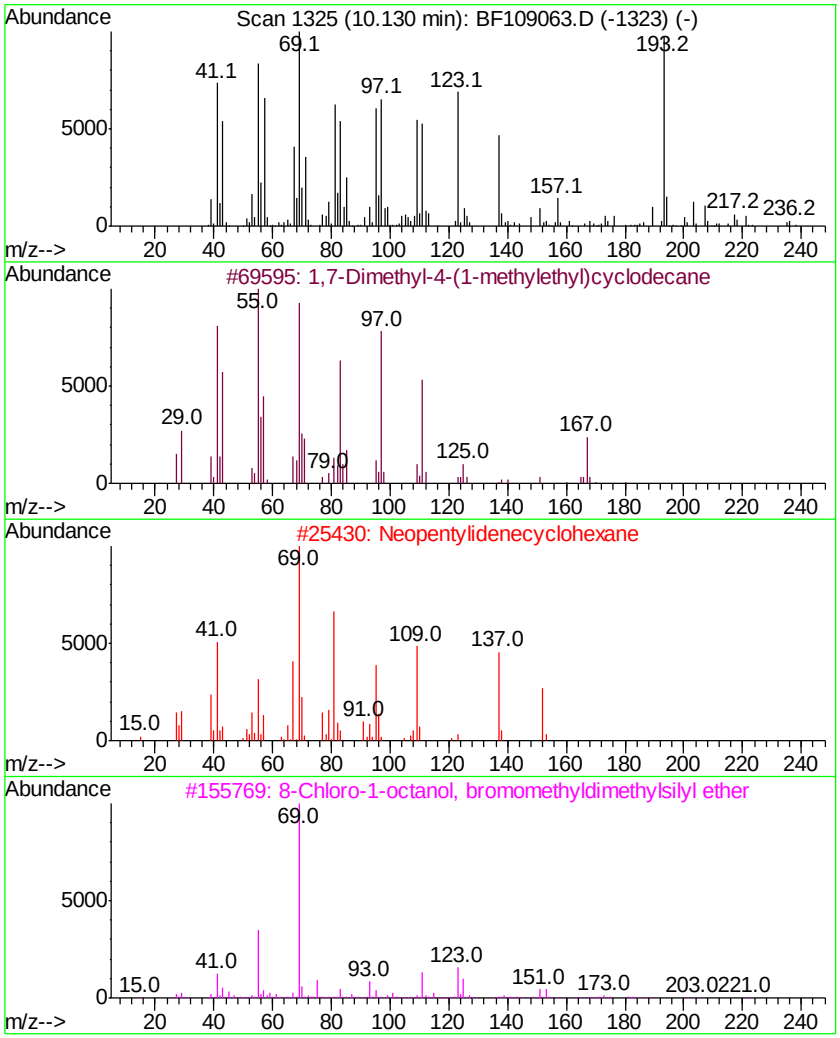
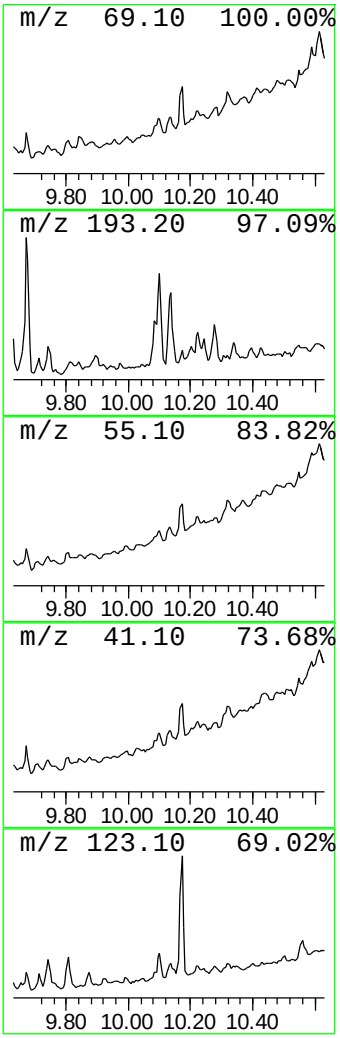
Peak Number 19 unknown10.13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	5.98 ng	349912	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	30
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	30
3	8-Chloro-1-octanol, bromomethyld...	314	C11H24BrClOSi	1000375-56-8	27
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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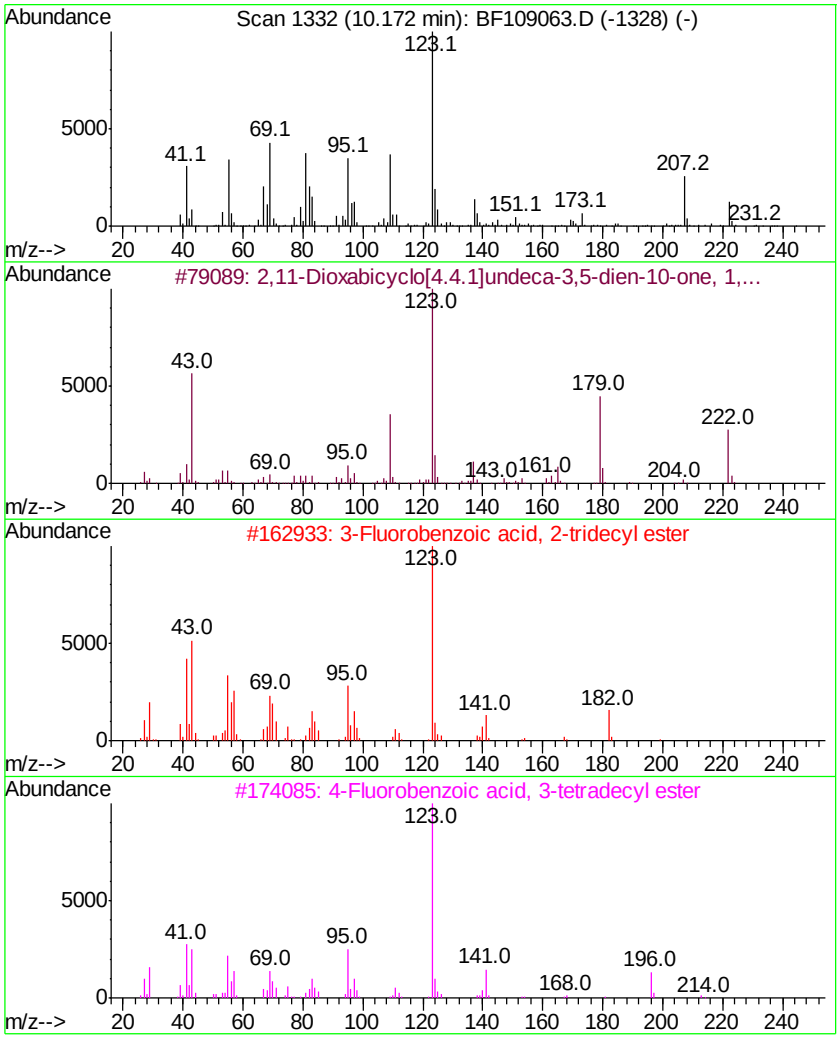
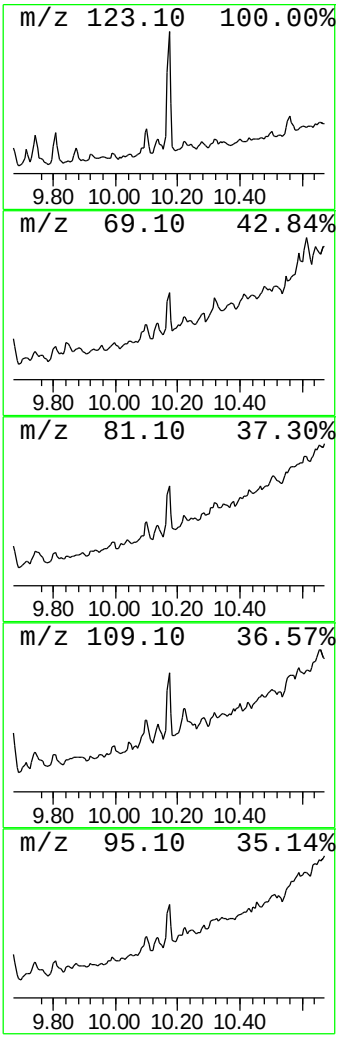
Peak Number 20 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	17.29 ng	1011420	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	59
2	3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-60-2	50
3	4-Fluorobenzoic acid, 3-tetradec...	336	C21H33FO2	1000280-68-1	47
4	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	46
5	3-Fluorobenzoic acid, 2-pentyl e...	210	C12H15FO2	1000279-01-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109063.D
Acq On : 17 Sep 2018 22:03
Operator : JU/SJ
Sample : J4936-23
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHASE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
Cyclohexane, methyl-	2.74	4.2	ng	146883	1	6.72	692293	20.0
2-Pentanone, 4-hy...	4.91	2.9	ng	101123	1	6.72	692293	20.0
p-Xylene	5.56	5.0	ng	173676	1	6.72	692293	20.0
unknown6.49	6.49	49.9	ng	1725900	1	6.72	692293	20.0
Benzene, 1,2,3-tr...	6.55	3.3	ng	112921	1	6.72	692293	20.0
Naphthalene, 1-me...	8.81	5.5	ng	229033	2	8.00	838137	20.0
unknown9.17	9.17	4.3	ng	253971	3	9.75	1169780	20.0
Naphthalene, 1-et...	9.27	2.1	ng	120822	3	9.75	1169780	20.0
Naphthalene, 2,7-...	9.34	2.4	ng	139927	3	9.75	1169780	20.0
Naphthalene, 2,3-...	9.41	3.4	ng	197865	3	9.75	1169780	20.0
unknown9.67	9.67	7.5	ng	436576	3	9.75	1169780	20.0
2,6-Naphthalenedi...	9.81	3.8	ng	221664	3	9.75	1169780	20.0
unknown10.03	10.03	5.7	ng	332131	3	9.75	1169780	20.0
unknown10.10	10.10	4.0	ng	235914	3	9.75	1169780	20.0
unknown10.13	10.13	6.0	ng	349912	3	9.75	1169780	20.0
2,11-Dioxabicyclo...	10.17	17.3	ng	1011420	3	9.75	1169780	20.0