LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF061020.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	5.410	561	565	568	rBV	2250579	1976643	64.22%	6.191%
2	6.434	734	739	742	rBV	2483501	2400272	77.99%	7.518%
3	6.798	798	801	805	rBV	997546	725292	23.57%	2.272%
4	6.957	824	828	831	rBV	2465574	2047909	66.54%	6.414%
5	7.363	892	897	900	rBV	1884726	1634320	53.10%	5.119%
6	8.081	1013	1019	1026	rBV	1302937	1086488	35.30%	3.403%
7	9.075	1185	1188	1191	rBV2	66830	80450	2.61%	0.252%
8	9.157	1197	1202	1205	rBV	3442039	3077821	100.00%	9.640%
9	9.234	1212	1215	1219	rVB2	162908	152731	4.96%	0.478%
10	9.439	1246	1250	1252	rBV4	65662	102790	3.34%	0.322%
11	9.498	1257	1260	1265	rBV	338754	387636	12.59%	1.214%
12	9.545	1265	1268	1272	rVV2	769647	727789	23.65%	2.279%
13	9.598	1275	1277	1281	rVB3	100644	129825	4.22%	0.407%
14	9.704	1292	1295	1297	rBV2	197910	190549	6.19%	0.597%
15	9.728	1297	1299	1300	rVV	70999	53105	1.73%	0.166%
16	9.745	1300	1302	1305	rVB	490558	419844	13.64%	1.315%
17	9.786	1306	1309	1311	rBV3	106892	108892	3.54%	0.341%
18	9.833	1311	1317	1321	rBV	1032977	1140082	37.04%	3.571%
19	9.875	1322	1324	1331	rVV3	100446	146825	4.77%	0.460%
20	9.945	1334	1336	1340	rVB3	89656	92722	3.01%	0.290%
21	9.998	1342	1345	1346	rBV	73997	69807	2.27%	0.219%
22	10.057	1353	1355	1359	rVB3	115379	133249	4.33%	0.417%
23	10.098	1359	1362	1364	rBV	180692	203035	6.60%	0.636%
24	10.151	1369	1371	1373	rVV3	162888	171015	5.56%	0.536%
25	10.175	1373	1375	1377	rVB2	167618	129232	4.20%	0.405%
26	10.204	1378	1380	1383	rBV3	149720	160046	5.20%	0.501%
27	10.245	1383	1387	1391	rVV2	544509	557985	18.13%	1.748%
28	10.398	1407	1413	1414	rBV4	192016	319779	10.39%	1.002%
29	10.475	1424	1426	1428	rBV2	201994	215471	7.00%	0.675%
30	10.539	1435	1437	1441	rBV4	201080	246443	8.01%	0.772%
31	10.580	1441	1444	1446	rBV3	390079	517817	16.82%	1.622%
32	10.628	1448	1452	1455	rBV	1479125	1572864	51.10%	4.926%
33	11.151	1539	1541	1548	rVB6	391760	512039	16.64%	1.604%
34	11.227	1553	1554	1561	rVB4	630268	937033	30.44%	2.935%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.322	1566	1570	1573	rBV	985894	1333835	43.34%	4.178%
36	11.675	1628	1630	1635	rBV5	531092	1079557	35.08%	3.381%
37	12.351	1743	1745	1746	rBV	327675	286187	9.30%	0.896%
38	12.557	1778	1780	1781	rBV2	322535	313002	10.17%	0.980%
39	12.910	1836	1840	1843	rVB	3034195	2662462	86.50%	8.339%
40	12.974	1849	1851	1859	rBV7	403494	1142849	37.13%	3.579%
41	13.957	2015	2018	2021	rVB	1084114	1004610	32.64%	3.146%
42	14.451	2099	2102	2105	rBV	552328	480872	15.62%	1.506%
43	15.398	2259	2263	2272	rVB	875719	1196713	38.88%	3.748%

Sum of corrected areas: 31927887

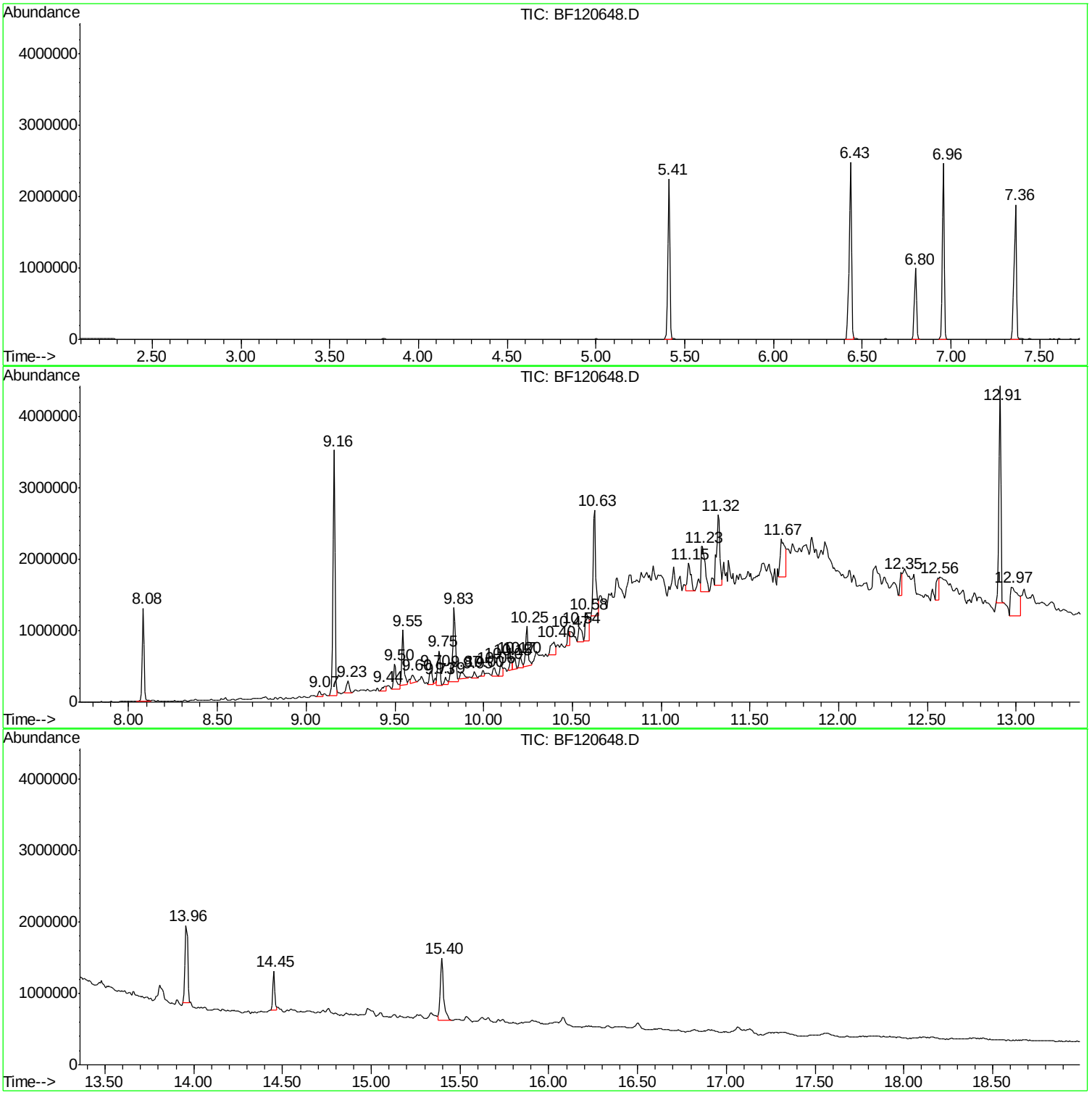
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

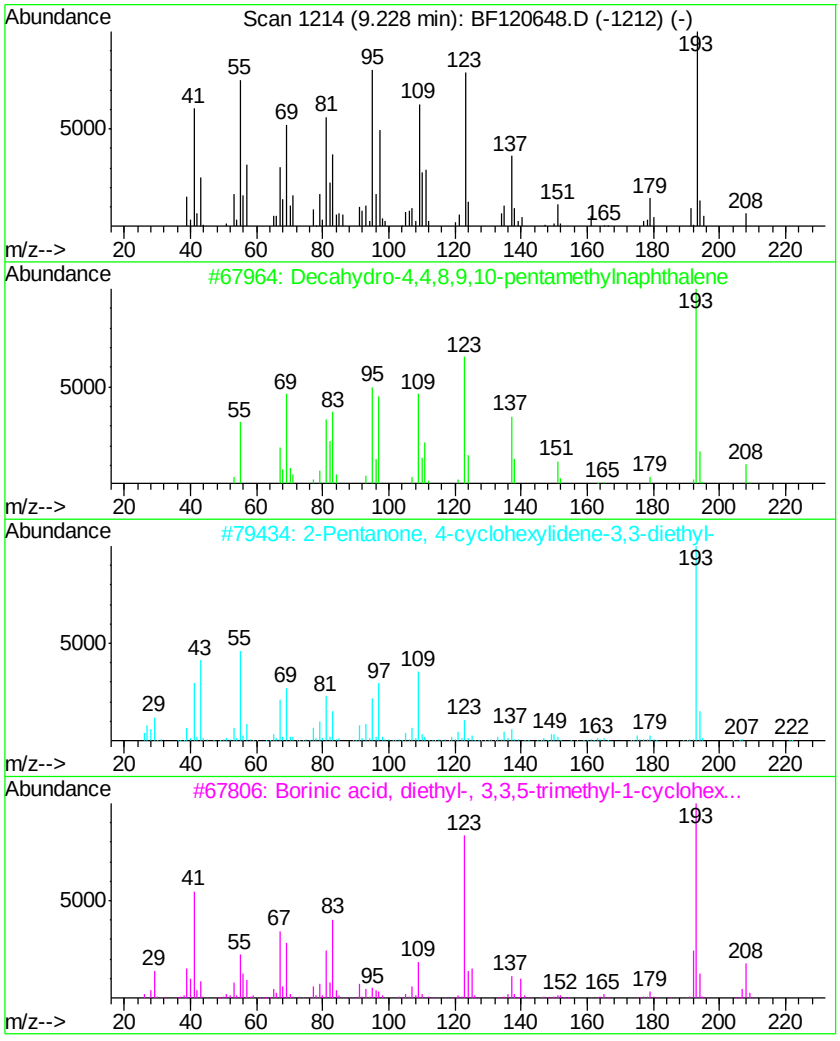
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

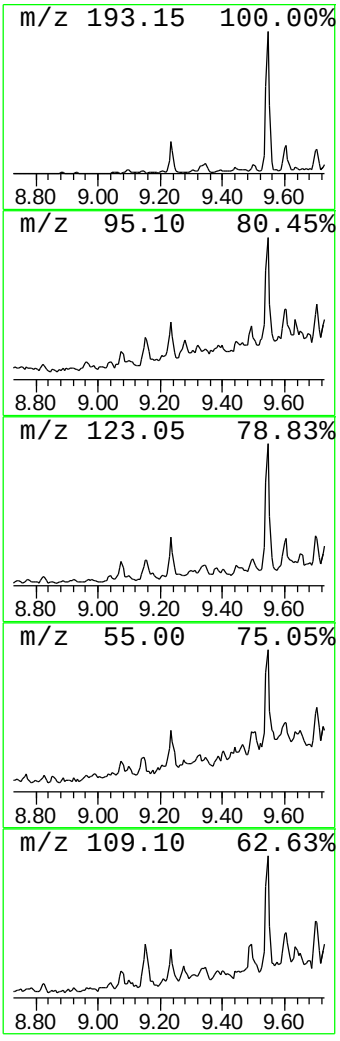
****

Peak Number 2 Decahydro-4,4,8,9,10-pentam... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.68 ng	152731	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	86
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	52
3	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	38
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

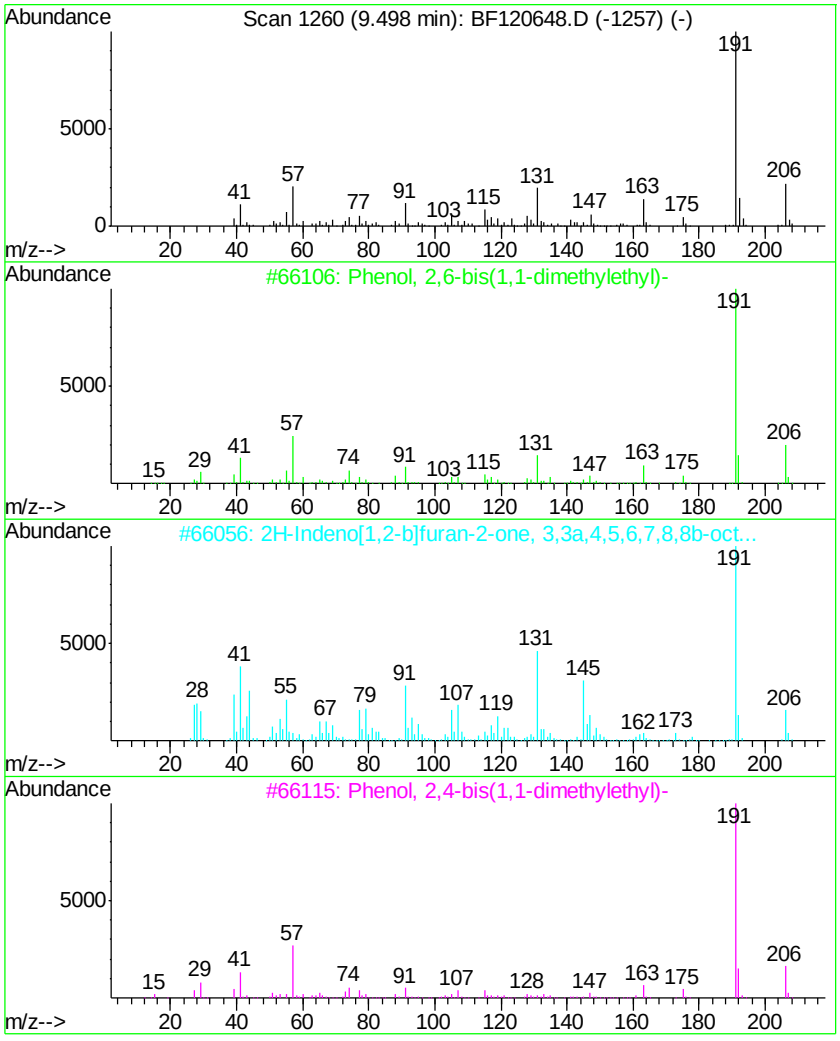
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

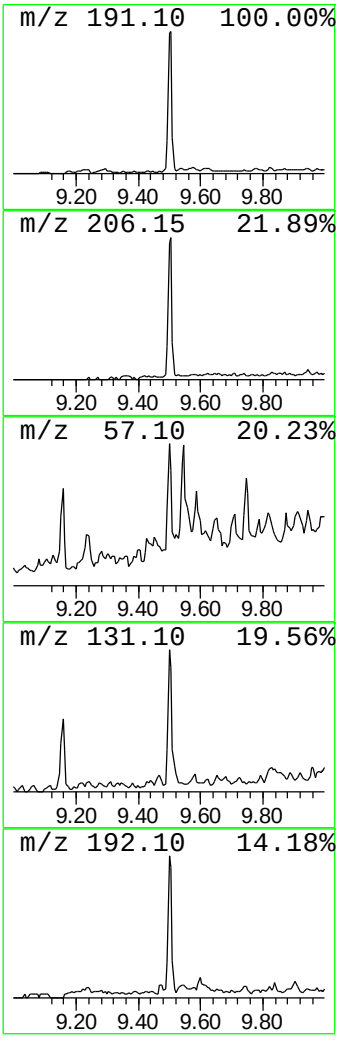
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	6.80 ng	387636	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	93
2	2H-Indeno[1,2-b]furan-2-one, 3,3...	206	C13H18O2	1000196-74-3	80
3	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	74
4	Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	68
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

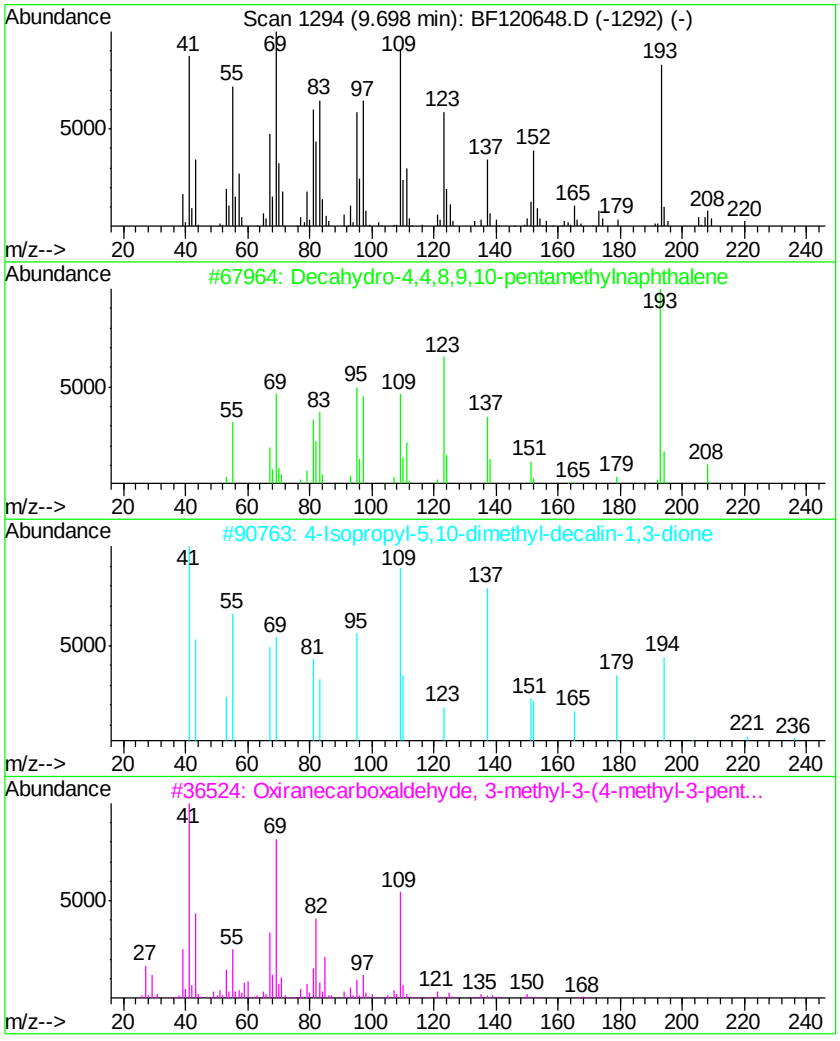
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

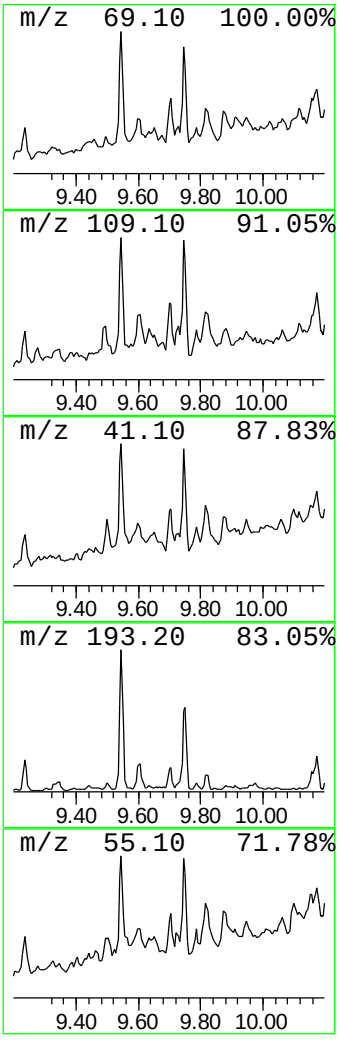
****

Peak Number 4 unknown9.70 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.34 ng	190549	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	78
2	4-Isopropyl-5,10-dimethyl-decali...	236	C15H24O2	291278-94-9	22
3	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	22
4	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	18
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

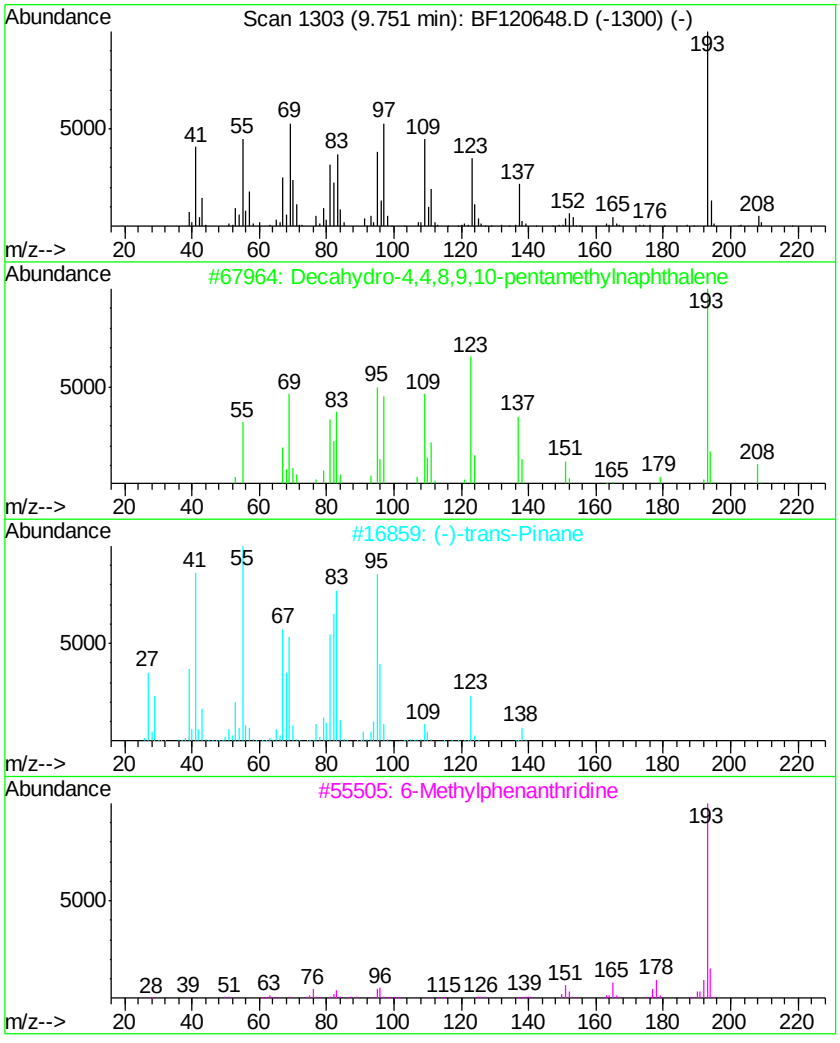
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

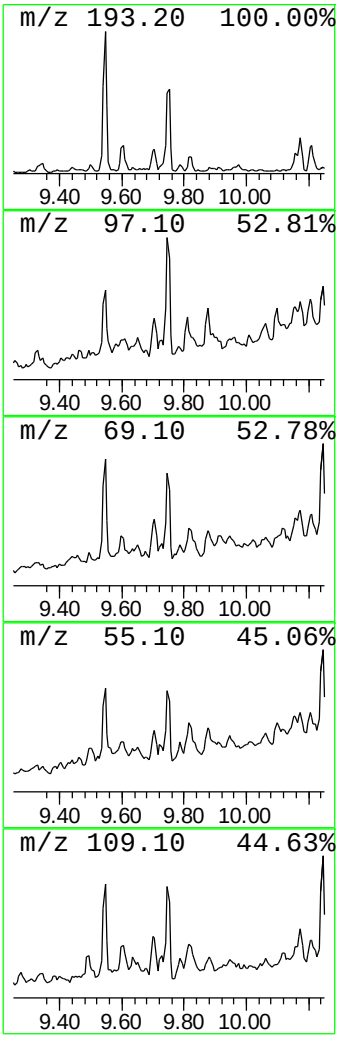
****

Peak Number 5 unknown9.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	7.37 ng	419844	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
2	(-)-trans-Pinane	138	C10H18	033626-25-4	35
3	6-Methylphenanthridine	193	C14H11N	003955-65-5	22
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	22
5	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

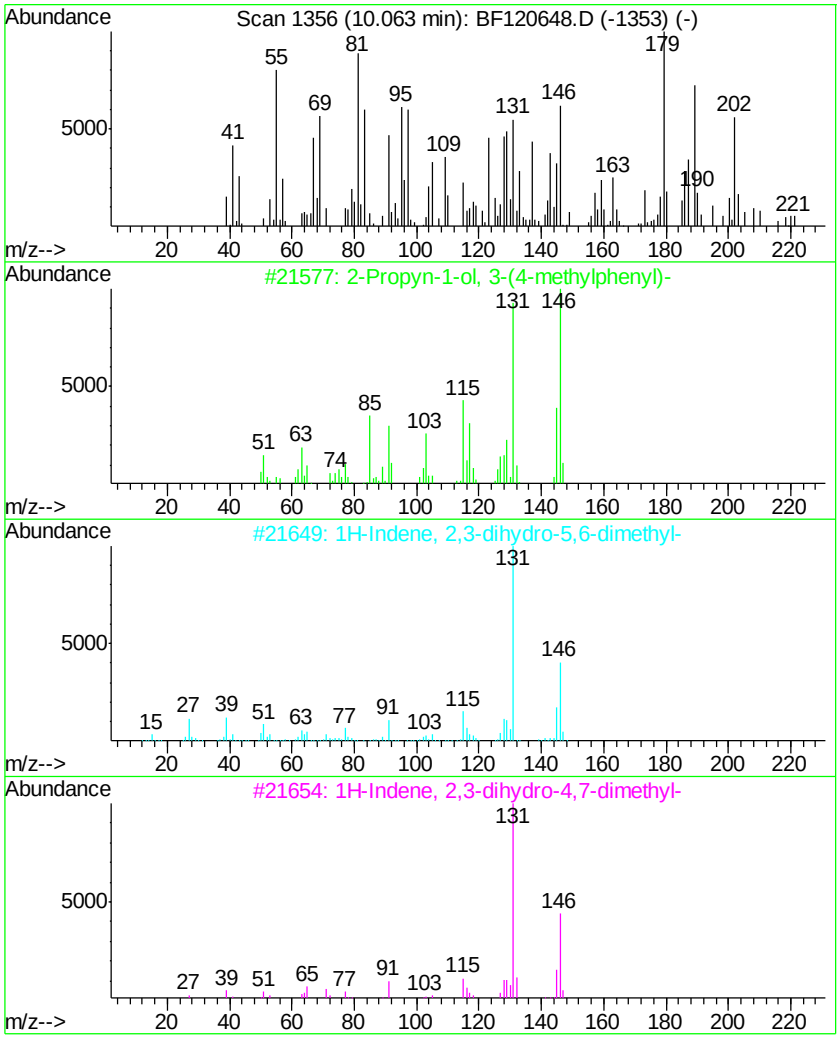
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

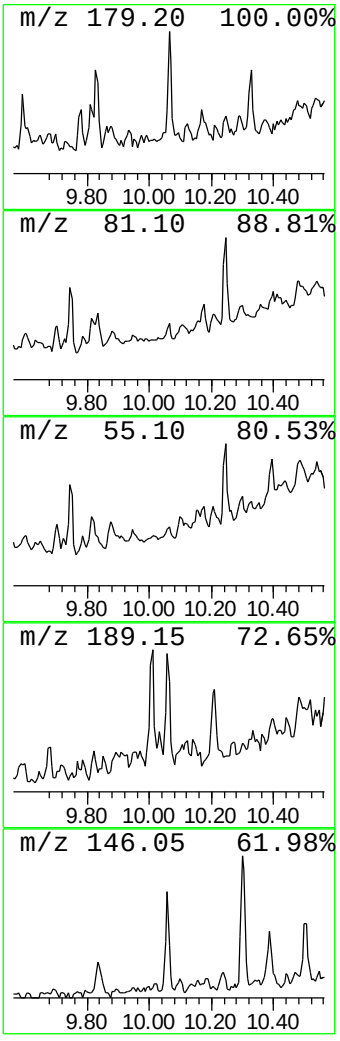
****

Peak Number 6 unknown10.06 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.34 ng	133249	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	46
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	42
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

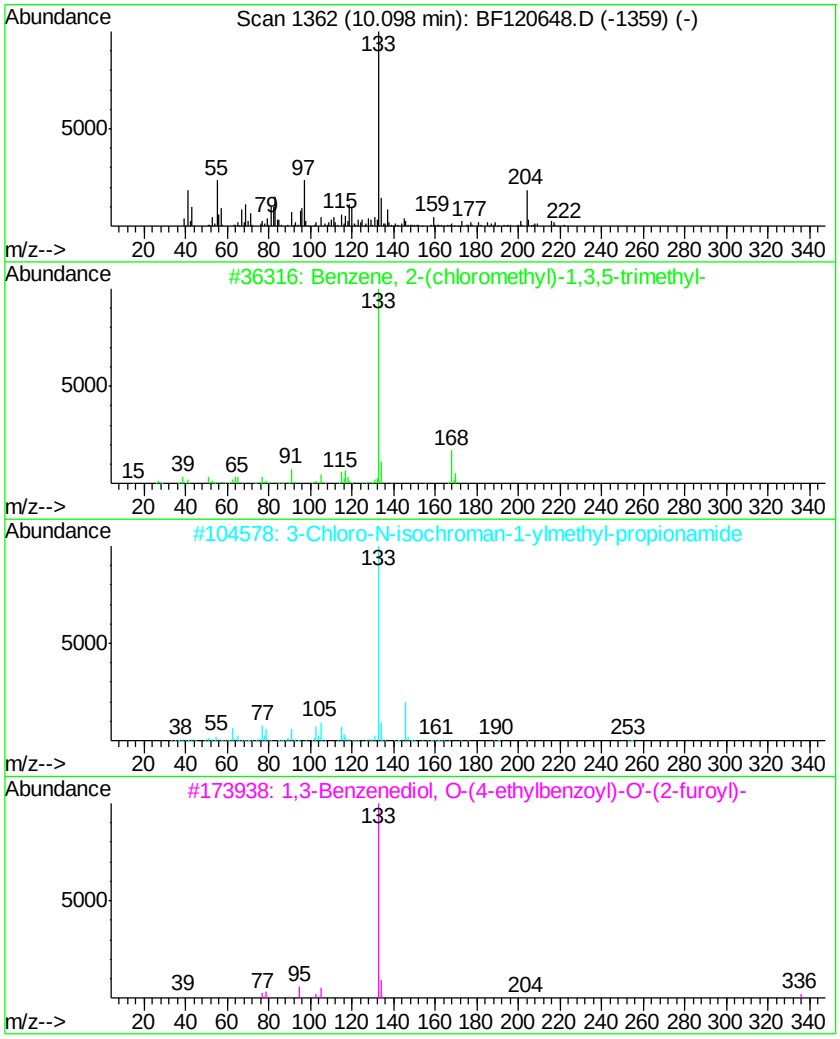
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

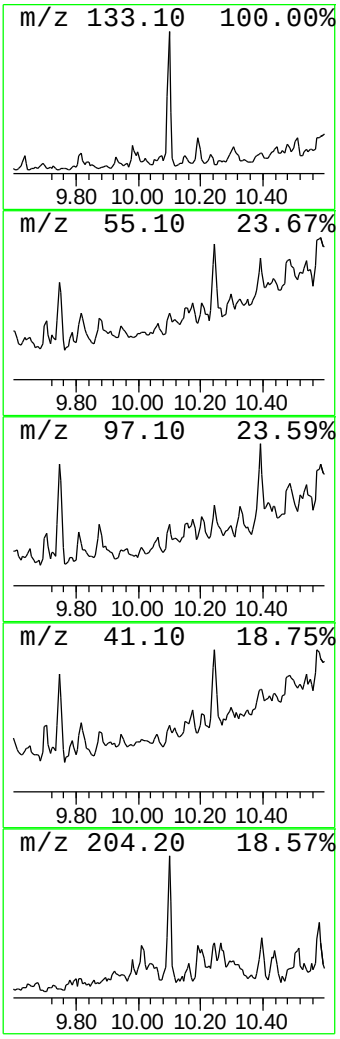
****

Peak Number 7 unknown10.10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	3.56 ng	203035	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	47
2	3-Chloro-N-isochroman-1-ylmethyl...	253	C13H16ClNO2	1000297-29-7	43
3	1,3-Benzenediol, O-(4-ethylbenzo...	336	C20H16O5	1000345-53-5	43
4	1,2-Benzenediol, o-(2-chloroprop...	332	C18H17ClO4	1000325-96-9	43
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	266	C20H26	000734-17-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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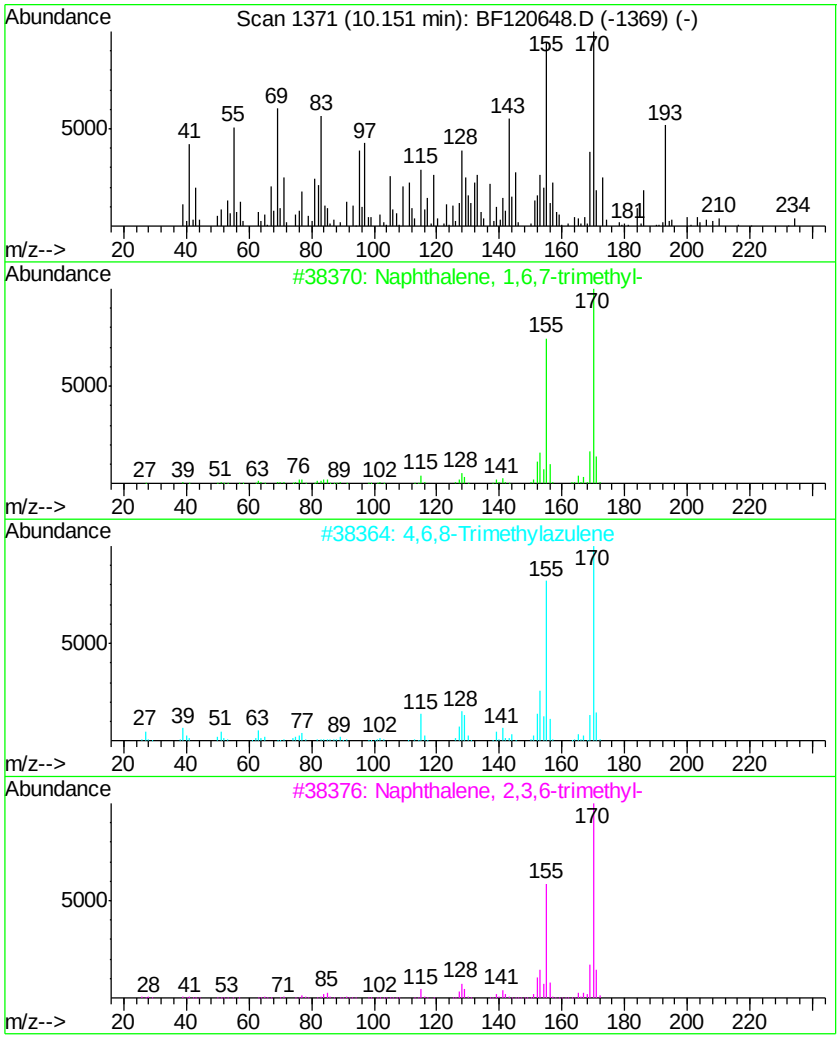
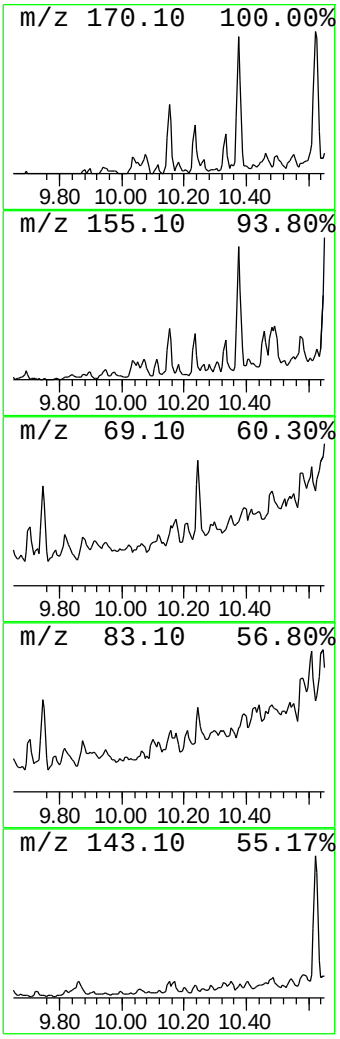
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	3.00 ng	171015	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

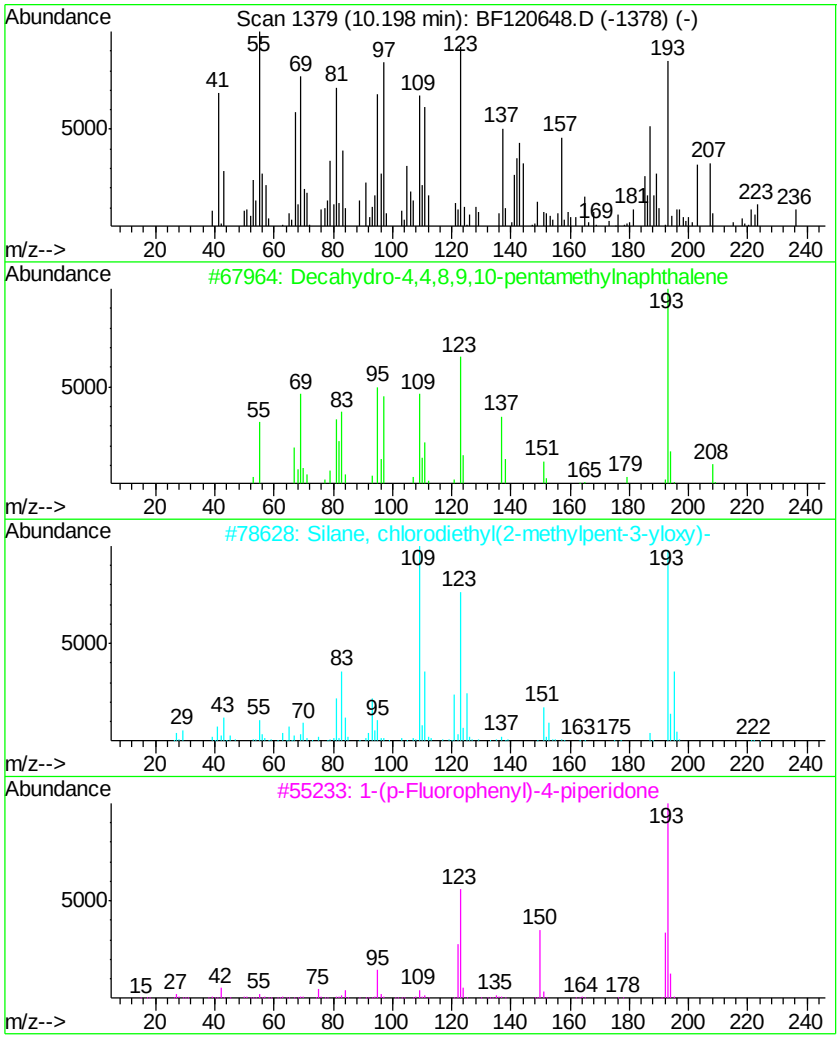
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

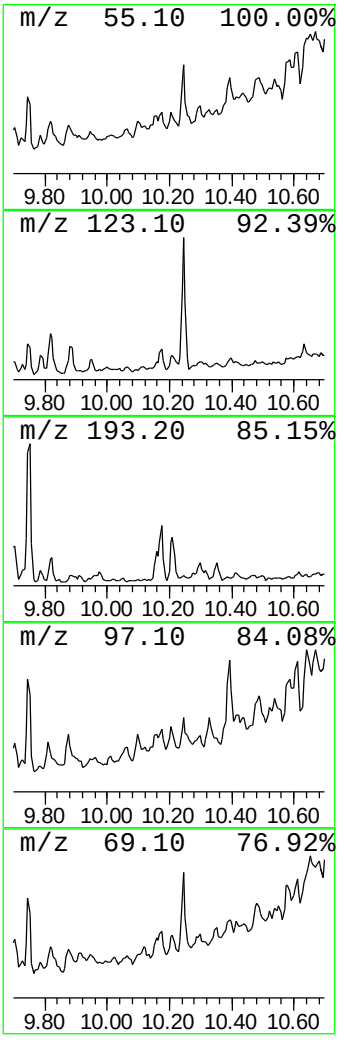
****

Peak Number 9 unknown10.20 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.81 ng	160046	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	59
2	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	30
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	27
4	2-(3-Chloro-propyl)-1,1-dimethyl...	200	C12H21Cl	1000191-45-6	15
5	Crotyl methacrylate	140	C8H12O2	007376-45-6	15





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Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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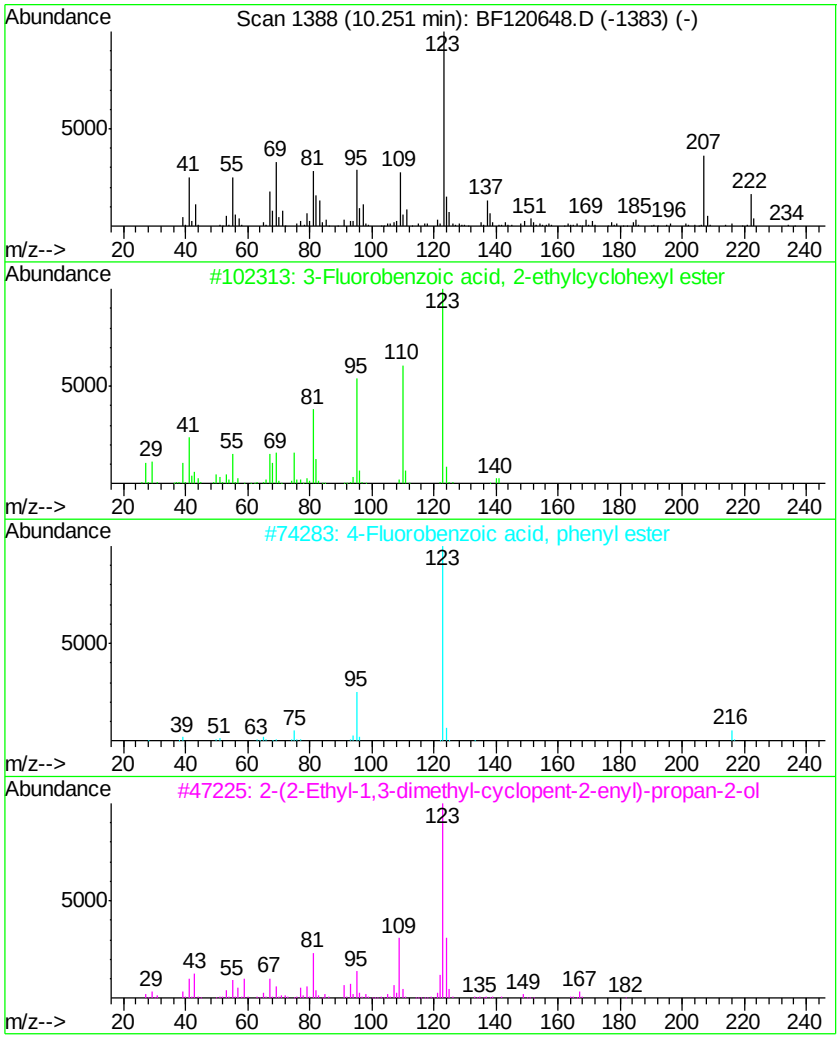
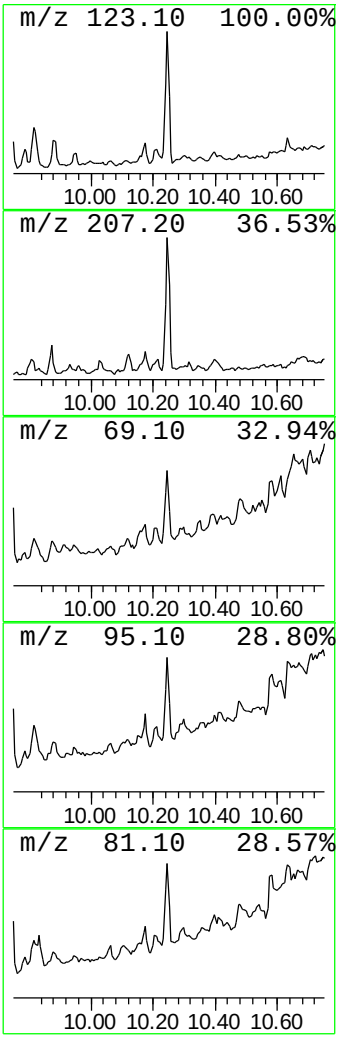
Peak Number 10 unknown10.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	9.79 ng	557985	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	47
2	4-Fluorobenzoic acid, phenyl ester	216	C13H9FO2	1000299-04-9	43
3	2-(2-Ethyl-1,3-dimethyl-cyclopen...	182	C12H22O	1000186-82-4	43
4	4-Fluoro-N-(3-methoxy-5-tetrazol...	313	C15H12FN5O2	1000295-31-2	43
5	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	43





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Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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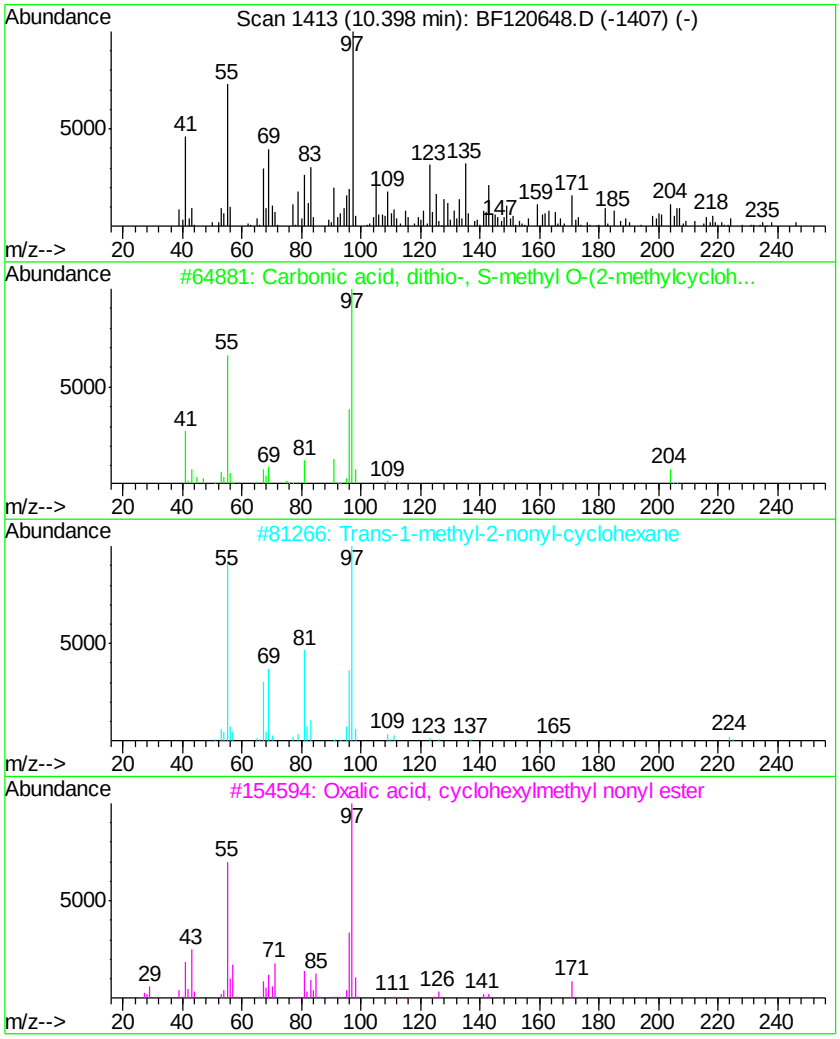
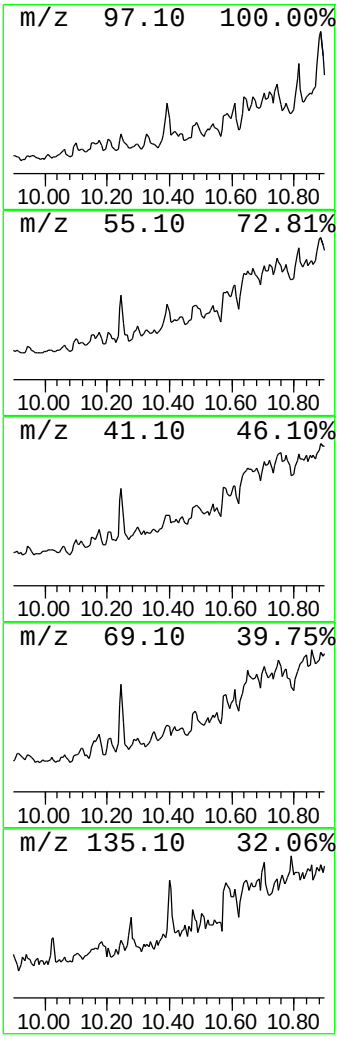
Peak Number 11 unknown10.40 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	5.61 ng	319779	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, dithio-, S-methyl...	204	C9H16OS2	015288-12-7	38
2	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	35
3	Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	35
4	Oxalic acid, cyclohexylmethyl te...	382	C23H42O4	1000309-69-0	35
5	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	30





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Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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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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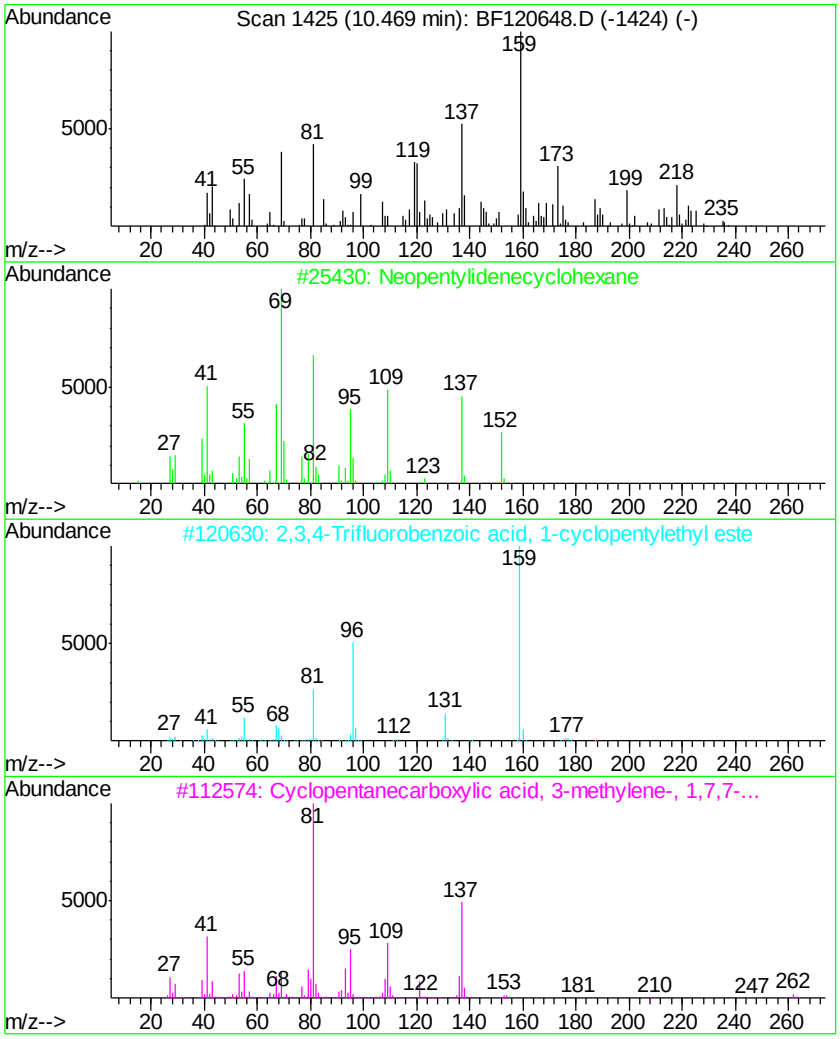
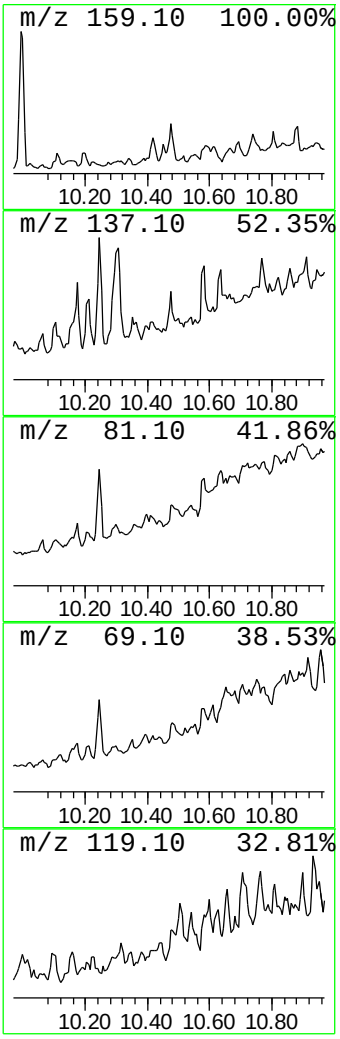
Peak Number 12 unknown10.47 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.78 ng	215471	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
2	2,3,4-Trifluorobenzoic acid, 1-c...	272	C14H15F3O2	1000282-58-0	22
3	Cyclopentanecarboxylic acid, 3-m...	262	C17H26O2	074793-59-2	14
4	1,5-Dimethyl-7,11-dithiaspiro[5....	216	C11H20S2	1000216-76-2	14
5	1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	11





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Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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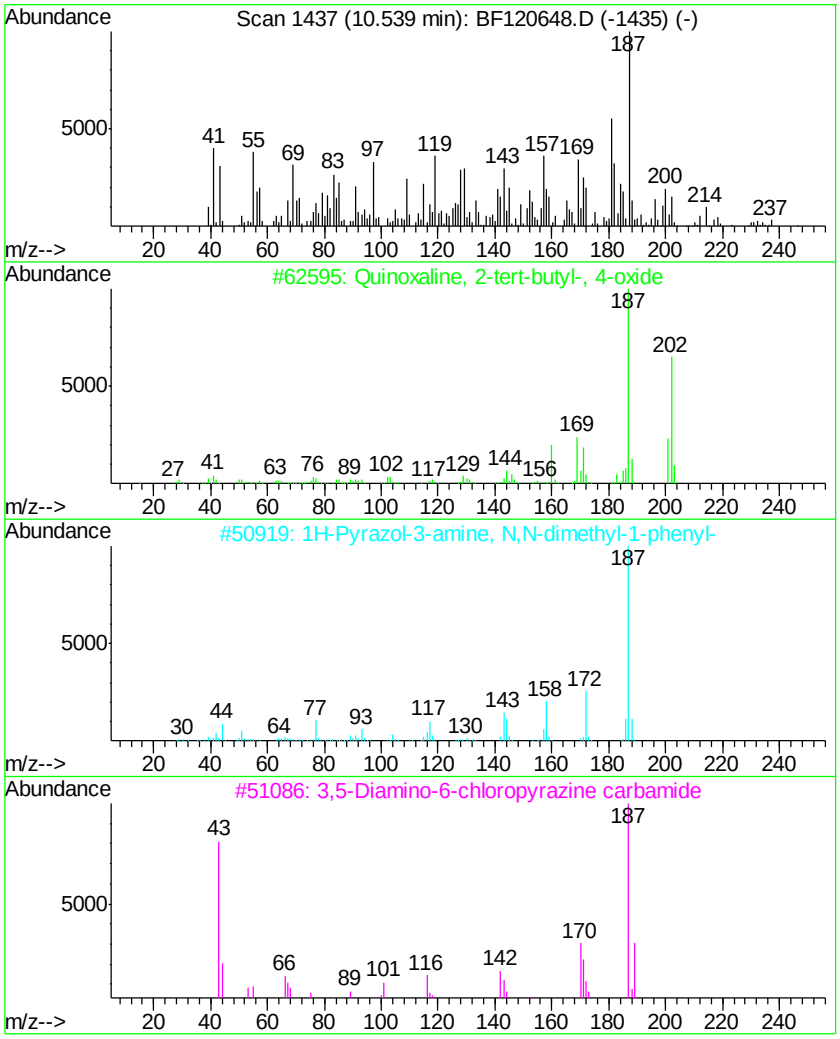
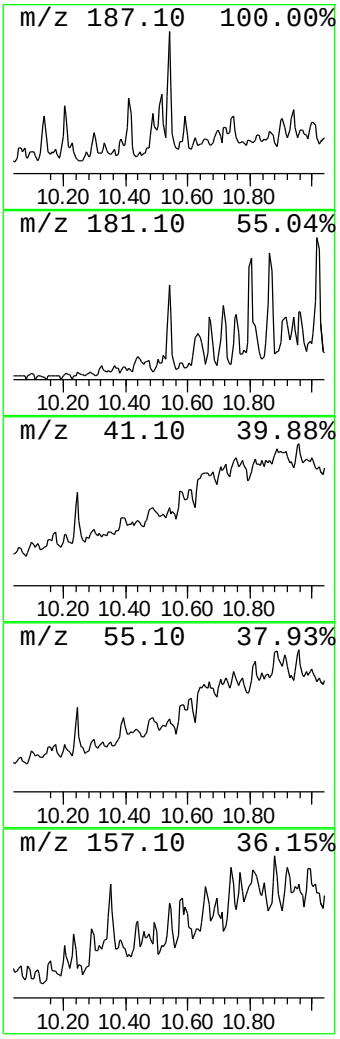
Peak Number 13 unknown10.54 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	4.32 ng	246443	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 2-tert-butyl-, 4-oxide	202	C12H14N2O	016007-51-5	46
2	1H-Pyrazol-3-amine, N,N-dimethyl...	187	C11H13N3	1000327-38-1	41
3	3,5-Diamino-6-chloropyrazine car...	187	C5H6ClN5O	1000120-45-0	38
4	Hydrazine, (2-chloro-4-nitrophen...	187	C6H6ClN3O2	055950-68-0	30
5	N-Benzylmaleimide	187	C11H9NO2	001631-26-1	25





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Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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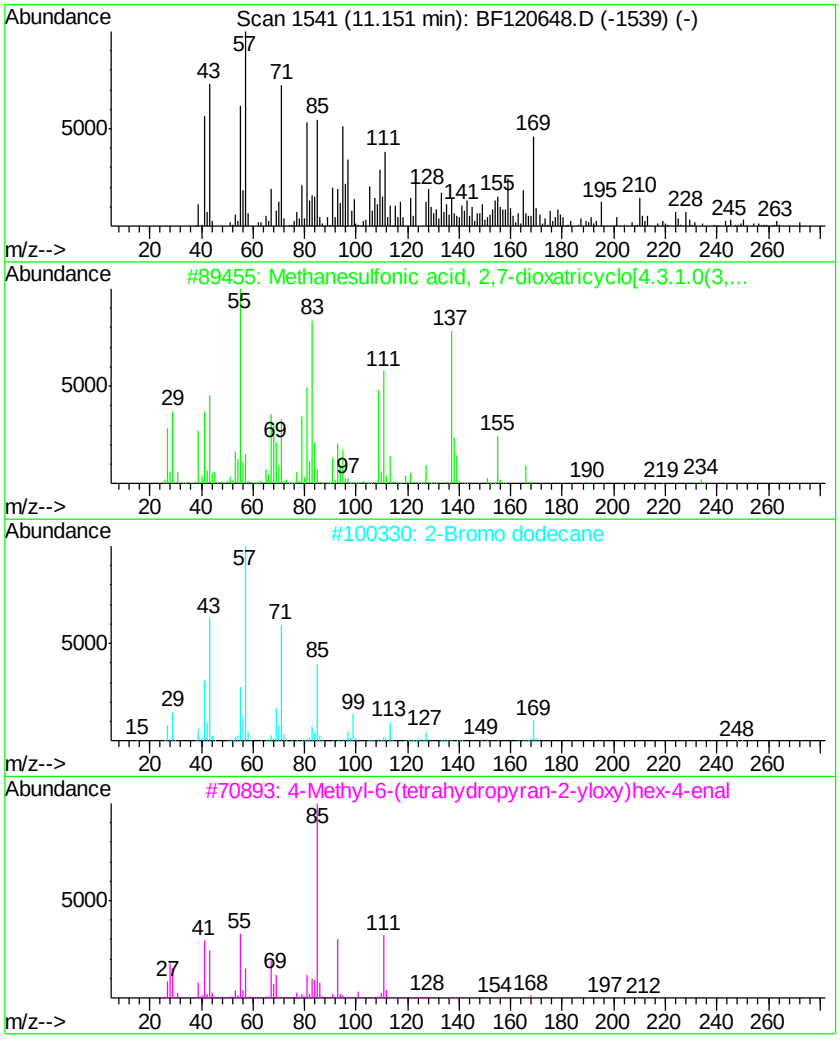
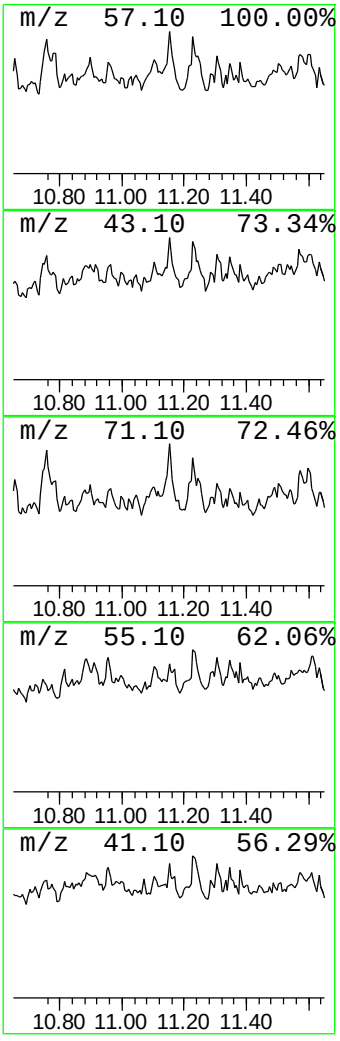
Peak Number 14 unknown11.15 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	7.68 ng	512039	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanesulfonic acid, 2,7-dioxat...	234	C9H14O5S	075568-59-1	44
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	38
3	4-Methyl-6-(tetrahydropyran-2-yl...	212	C12H20O3	064218-01-5	18
4	1-Cyclohexanol, 4-tert.butyl-1-m...	170	C11H22O	1000163-45-0	15
5	Dodecane	170	C12H26	000112-40-3	15





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Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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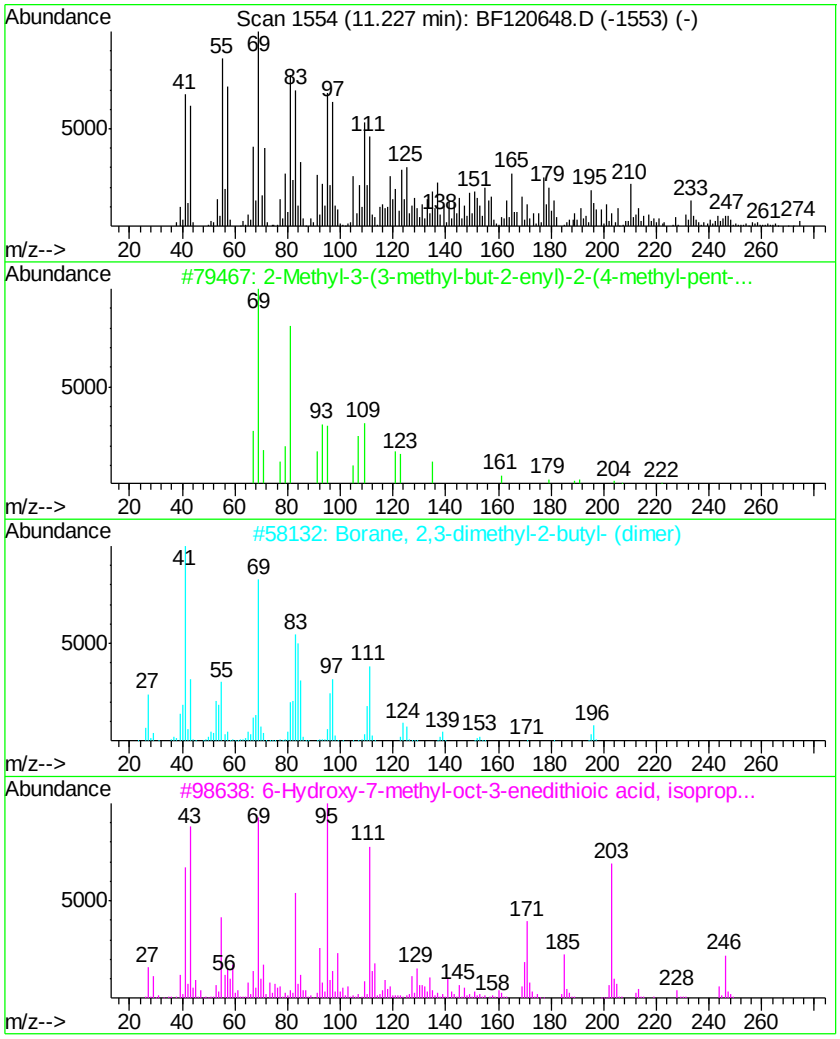
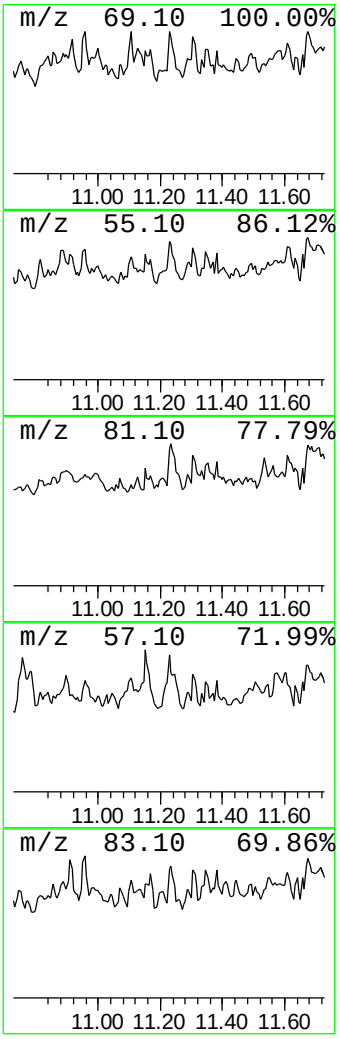
Peak Number 15 2-Methyl-3-(3-methyl-but-2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	14.05 ng	937033	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-(3-methyl-but-2-enyl)...	222	C15H26O	1000144-10-2	50
2	Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	42
3	6-Hydroxy-7-methyl-oct-3-enedith...	246	C12H22OS2	083041-08-1	38
4	p-Menth-8(10)-en-9-ol, cis-	154	C10H18O	015714-13-3	35
5	9-Undecenal, 2,10-dimethyl-	196	C13H24O	1000131-85-9	30





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Sample : L3034-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

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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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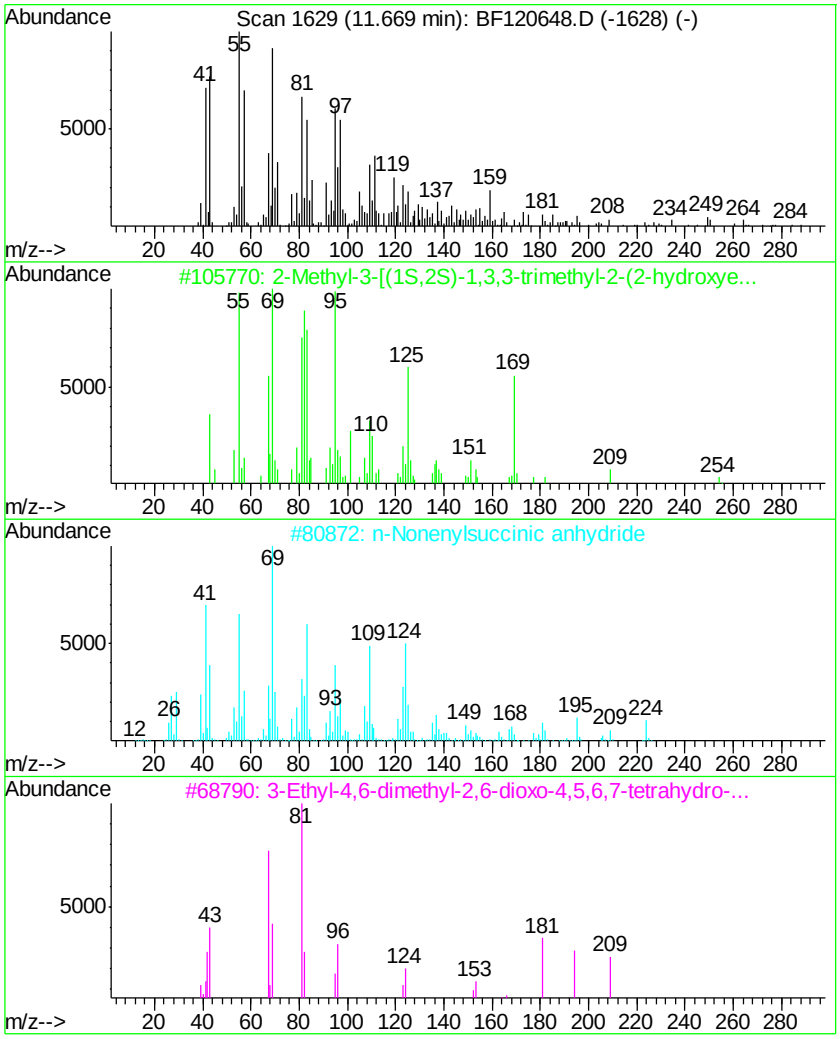
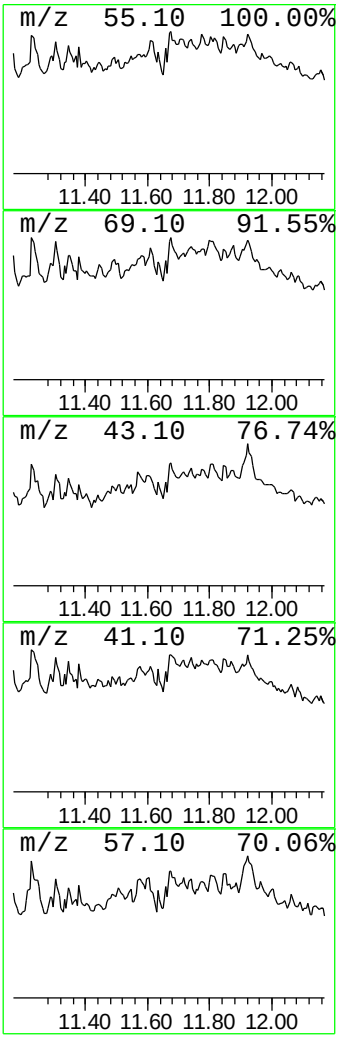
Peak Number 16 2-Methyl-3-[(1S,2S)-1,3,3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	16.19 ng	1079560	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-[(1S,2S)-1,3,3-trimet...	254	C16H30O2	1000111-77-6	51
2	n-Nonenylsuccinic anhydride	224	C13H20O3	028928-97-4	51
3	3-Ethyl-4,6-dimethyl-2,6-dioxo-4...	209	C8H11N5O2	1000312-00-2	42
4	1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	38
5	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	35





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Sample : L3034-02
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Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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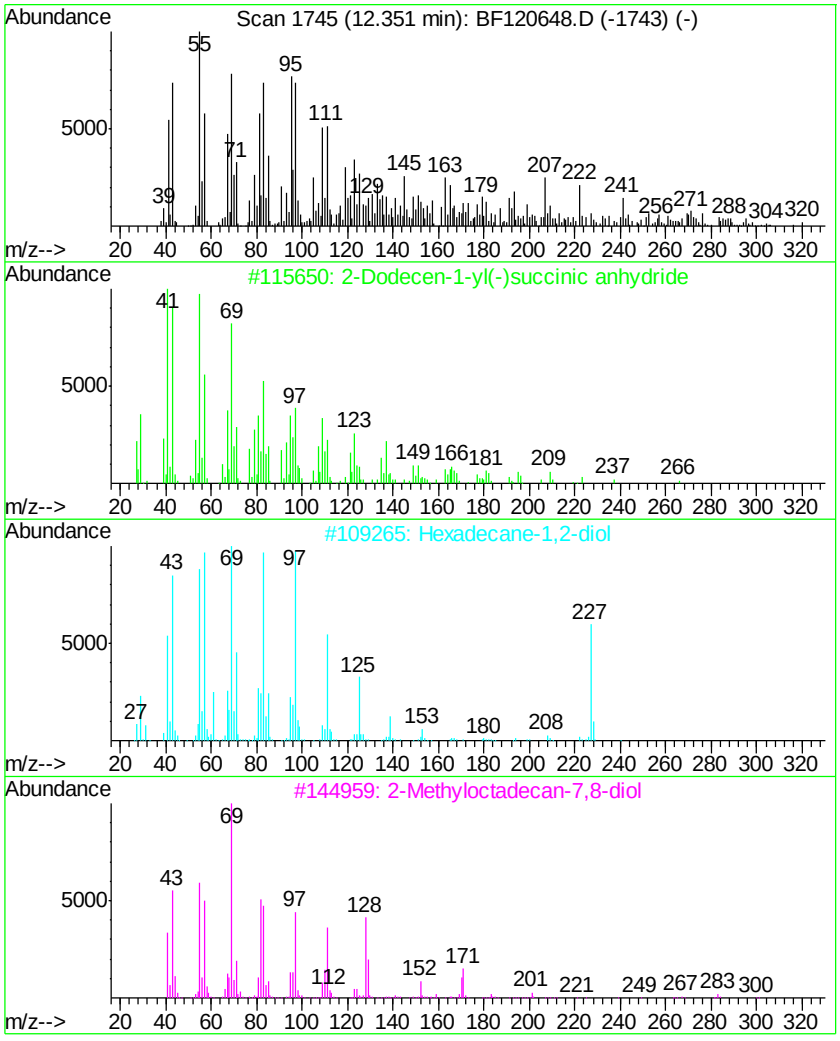
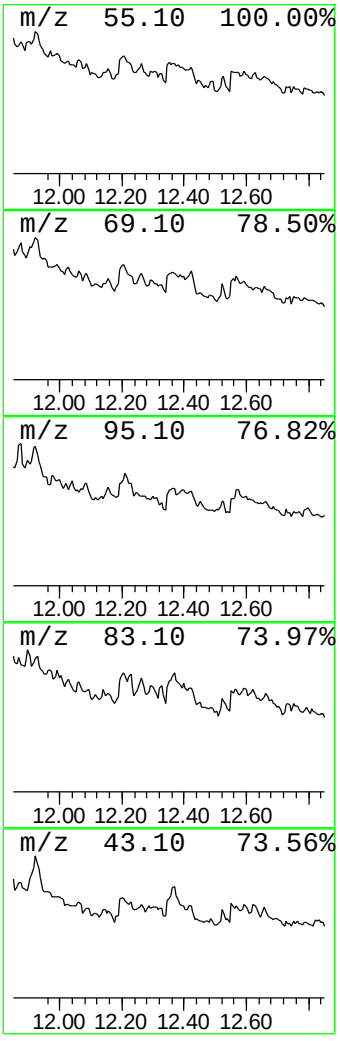
Peak Number 17 2-Dodecen-1-yl(-)succinic a... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.29 ng	286187	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	50
2	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	46
3	2-Methyloctadecan-7,8-diol	300	C19H40O2	1000130-91-8	38
4	Trispiro[4.2.4.2.4.2.]heneicosane	288	C21H36	1000152-80-8	38
5	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	30





Library Search Compound Report

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Acq On : 18 Jun 2020 18:08
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Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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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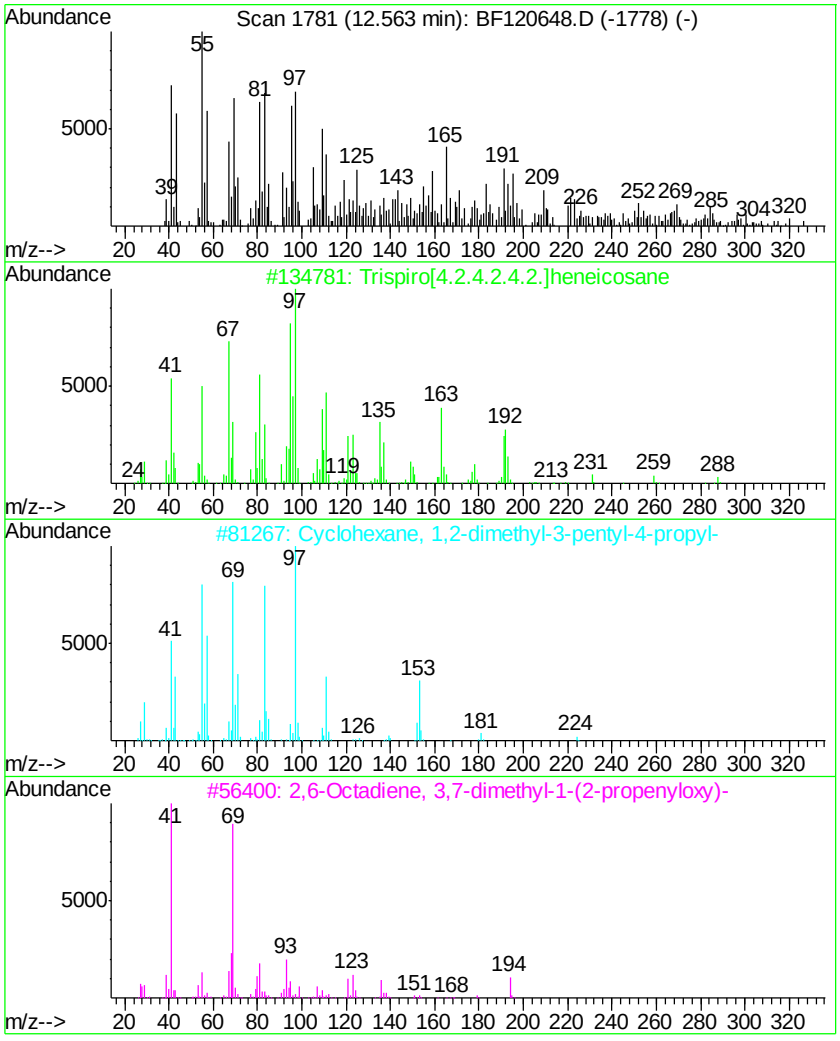
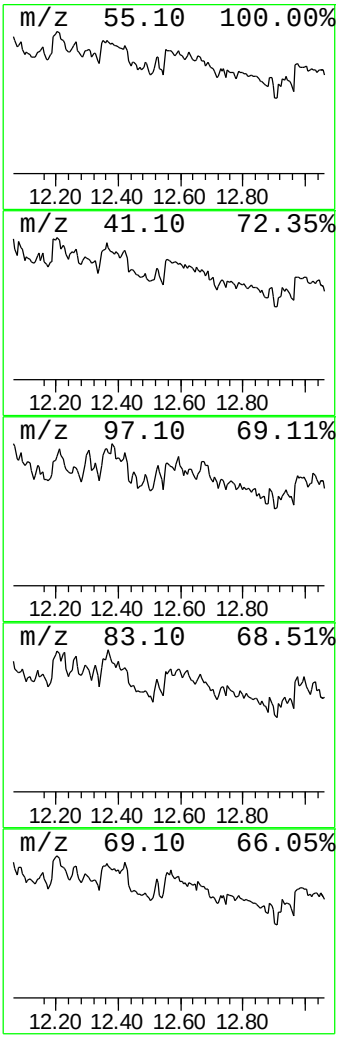
Peak Number 18 Trispiro[4.2.4.2.4.2.]henei... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	4.69 ng	313002	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trispiro[4.2.4.2.4.2.]heneicosane	288	C21H36	1000152-80-8	83
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	64
3	2,6-Octadiene, 3,7-dimethyl-1-(2...	194	C13H22O	139694-23-8	60
4	E-9-Methyl-8-tridecen-2-ol, acetate	254	C16H30O2	1000131-35-6	60
5	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	55





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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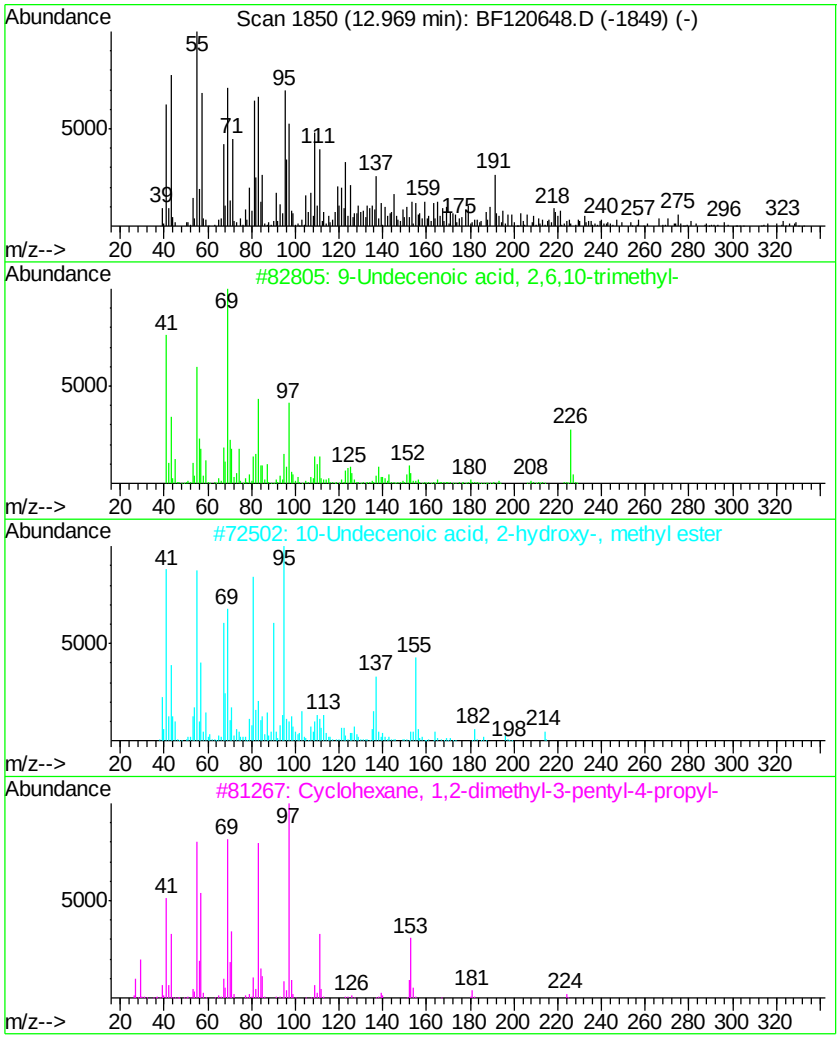
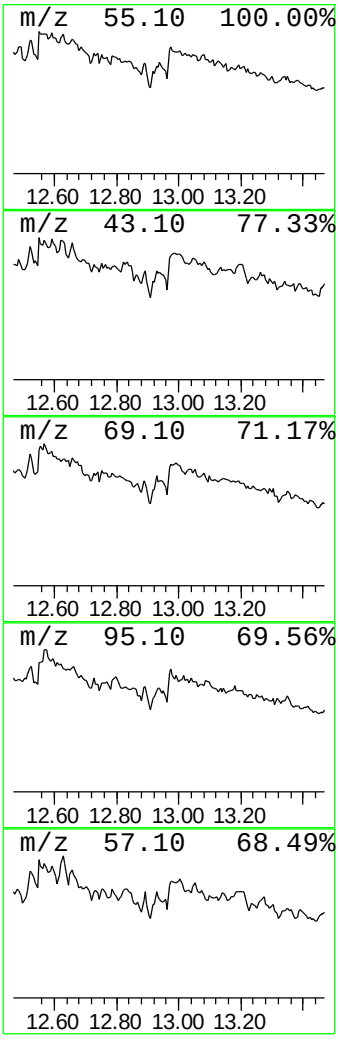
Peak Number 19 9-Undecenoic acid, 2,6,10-t... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	22.75 ng	1142850	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	55
2	10-Undecenoic acid, 2-hydroxy-, ...	214	C12H22O3	055030-55-2	47
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	46
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	46
5	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	45





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Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

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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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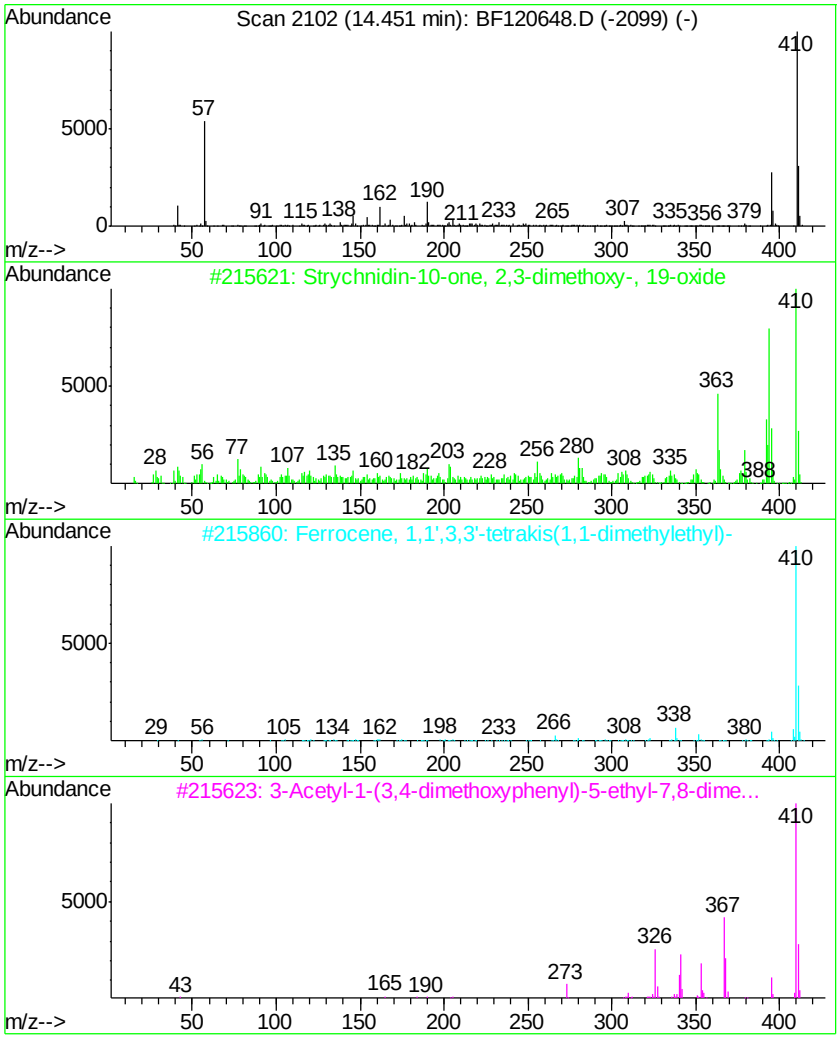
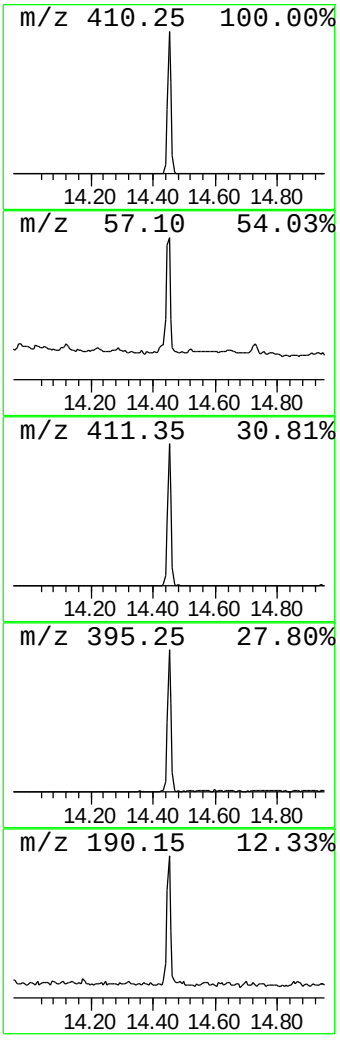
Peak Number 20 Strychnidin-10-one, 2,3-dim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	9.57 ng	480872	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Strychnidin-10-one, 2,3-dimethox...	410	C23H26N2O5	017301-81-4	72
2	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	58
3	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	45
4	9-Chloro-4,5-dihydro-4-[3,4,5-tr...	410	C22H19ClN2O4	1000212-48-1	42
5	Stigmasta-4,6,22-trien-3.beta.-ol	410	C29H46O	096737-58-5	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061820\
Data File : BF120648.D
Acq On : 18 Jun 2020 18:08
Operator : JU/CG
Sample : L3034-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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
Decahydro-4,4,8,9...	9.23	2.7	ng	152731	3	9.83	1140080	20.0
Phenol, 2,6-bis(1...	9.50	6.8	ng	387636	3	9.83	1140080	20.0
unknown9.70	9.70	3.3	ng	190549	3	9.83	1140080	20.0
unknown9.75	9.75	7.4	ng	419844	3	9.83	1140080	20.0
unknown10.06	10.06	2.3	ng	133249	3	9.83	1140080	20.0
unknown10.10	10.10	3.6	ng	203035	3	9.83	1140080	20.0
Naphthalene, 1,6,...	10.15	3.0	ng	171015	3	9.83	1140080	20.0
unknown10.20	10.20	2.8	ng	160046	3	9.83	1140080	20.0
unknown10.25	10.25	9.8	ng	557985	3	9.83	1140080	20.0
unknown10.40	10.40	5.6	ng	319779	3	9.83	1140080	20.0
unknown10.47	10.47	3.8	ng	215471	3	9.83	1140080	20.0
unknown10.54	10.54	4.3	ng	246443	3	9.83	1140080	20.0
unknown11.15	11.15	7.7	ng	512039	4	11.32	1333840	20.0
2-Methyl-3-(3-met...	11.23	14.1	ng	937033	4	11.32	1333840	20.0
2-Methyl-3-[(1S,2...	11.67	16.2	ng	1079560	4	11.32	1333840	20.0
2-Dodecen-1-yl(-)...	12.35	4.3	ng	286187	4	11.32	1333840	20.0
Trispiro[4.2.4.2....	12.56	4.7	ng	313002	4	11.32	1333840	20.0
9-Undecenoic acid...	12.97	22.8	ng	1142850	5	13.96	1004610	20.0
Strychnidin-10-on...	14.45	9.6	ng	480872	5	13.96	1004610	20.0