LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

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-BF070220.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	5.451	567	572	575	rBV	3291623	3280654	91.08%	6.691%
2	6.469	739	745	748	rBV	3325741	3602121	100.00%	7.347%
3	6.845	806	809	812	rBV	1431448	1121049	31.12%	2.287%
4	7.004	832	836	839	rVB	3830158	3433891	95.33%	7.004%
5	7.245	874	877	879	rBV2	107231	98416	2.73%	0.201%
6	7.410	894	905	908	rBV	2813519	2878070	79.90%	5.870%
7	7.498	915	920	923	rVB4	212908	271374	7.53%	0.554%
8	7.539	923	927	930	rBV5	76783	148484	4.12%	0.303%
9	7.634	940	943	945	rBV	143394	106139	2.95%	0.216%
10	7.657	945	947	951	rVB	265112	203836	5.66%	0.416%
11	7.728	955	959	962	rBV2	224306	248392	6.90%	0.507%
12	7.775	964	967	973	rVB3	287613	341196	9.47%	0.696%
13	7.869	981	983	985	rVB	120781	82030	2.28%	0.167%
14	7.898	985	988	990	rVB4	120885	94324	2.62%	0.192%
15	7.951	990	997	998	rBV6	140831	199509	5.54%	0.407%
16	7.969	998	1000	1003	rVB	237548	189759	5.27%	0.387%
17	8.004	1003	1006	1007	rBV	162147	146078	4.06%	0.298%
18	8.039	1009	1012	1016	rVB5	267221	300503	8.34%	0.613%
19	8.081	1016	1019	1023	rBV3	321977	473122	13.13%	0.965%
20	8.128	1023	1027	1032	rBV	1613680	2066658	57.37%	4.215%
21	8.186	1034	1037	1040	rVB3	487124	542775	15.07%	1.107%
22	8.222	1040	1043	1045	rBV3	241234	278878	7.74%	0.569%
23	8.310	1055	1058	1060	rBV2	278244	273214	7.58%	0.557%
24	8.328	1060	1061	1065	rVB3	300044	303409	8.42%	0.619%
25	8.375	1065	1069	1071	rBV3	520142	638516	17.73%	1.302%
26	8.398	1071	1073	1074	rBV2	135173	97739	2.71%	0.199%
27	8.428	1074	1078	1081	rVB4	549524	663488	18.42%	1.353%
28	8.457	1081	1083	1085	rBV3	286628	257447	7.15%	0.525%
29	8.481	1085	1087	1090	rVB4	301109	296903	8.24%	0.606%
30	8.516	1090	1093	1097	rBV5	382089	557764	15.48%	1.138%
31	8.581	1101	1104	1105	rVV2	443888	367969	10.22%	0.751%
32	8.598	1105	1107	1110	rVB2	792828	675558	18.75%	1.378%
33	8.639	1111	1114	1116	rBV2	374535	350967	9.74%	0.716%
34	8.663	1116	1118	1119	rBV2	279585	212822	5.91%	0.434%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

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-BF070220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.792	1138	1140	1142	rVB2	465186	344508	9.56%	0.703%
36	8.828	1143	1146	1149	rVB4	513750	501687	13.93%	1.023%
37	8.880	1152	1155	1158	rBV4	652139	764663	21.23%	1.560%
38	8.910	1158	1160	1163	rBV3	545446	593467	16.48%	1.210%
39	8.957	1166	1168	1170	rBV	897346	748086	20.77%	1.526%
40	9.016	1176	1178	1182	rVB4	436784	489800	13.60%	0.999%
41	9.098	1186	1192	1195	rBV5	1085893	1853638	51.46%	3.781%
42	9.133	1196	1198	1200	rVV2	667414	492474	13.67%	1.004%
43	9.216	1207	1212	1216	rBV	2789573	3537964	98.22%	7.216%
44	9.251	1216	1218	1221	rBV3	669007	636096	17.66%	1.297%
45	9.298	1221	1226	1230	rBV5	1640556	2886304	80.13%	5.887%
46	9.398	1240	1243	1248	rBV5	806825	1353532	37.58%	2.761%
47	9.528	1263	1265	1268	rBV4	1192187	1337326	37.13%	2.728%
48	9.610	1276	1279	1283	rBV4	1765886	2729193	75.77%	5.567%
49	9.769	1303	1306	1309	rBV3	1199431	1791219	49.73%	3.654%
50	14.410	2091	2095	2098	rVB2	1752393	1795141	49.84%	3.662%
51	14.515	2110	2113	2116	rVB	1301665	1322060	36.70%	2.697%
52	15.474	2272	2276	2281	rVB	827279	968273	26.88%	1.975%
53	15.998	2362	2365	2371	rVB4	55370	78871	2.19%	0.161%

Sum of corrected areas: 49027356

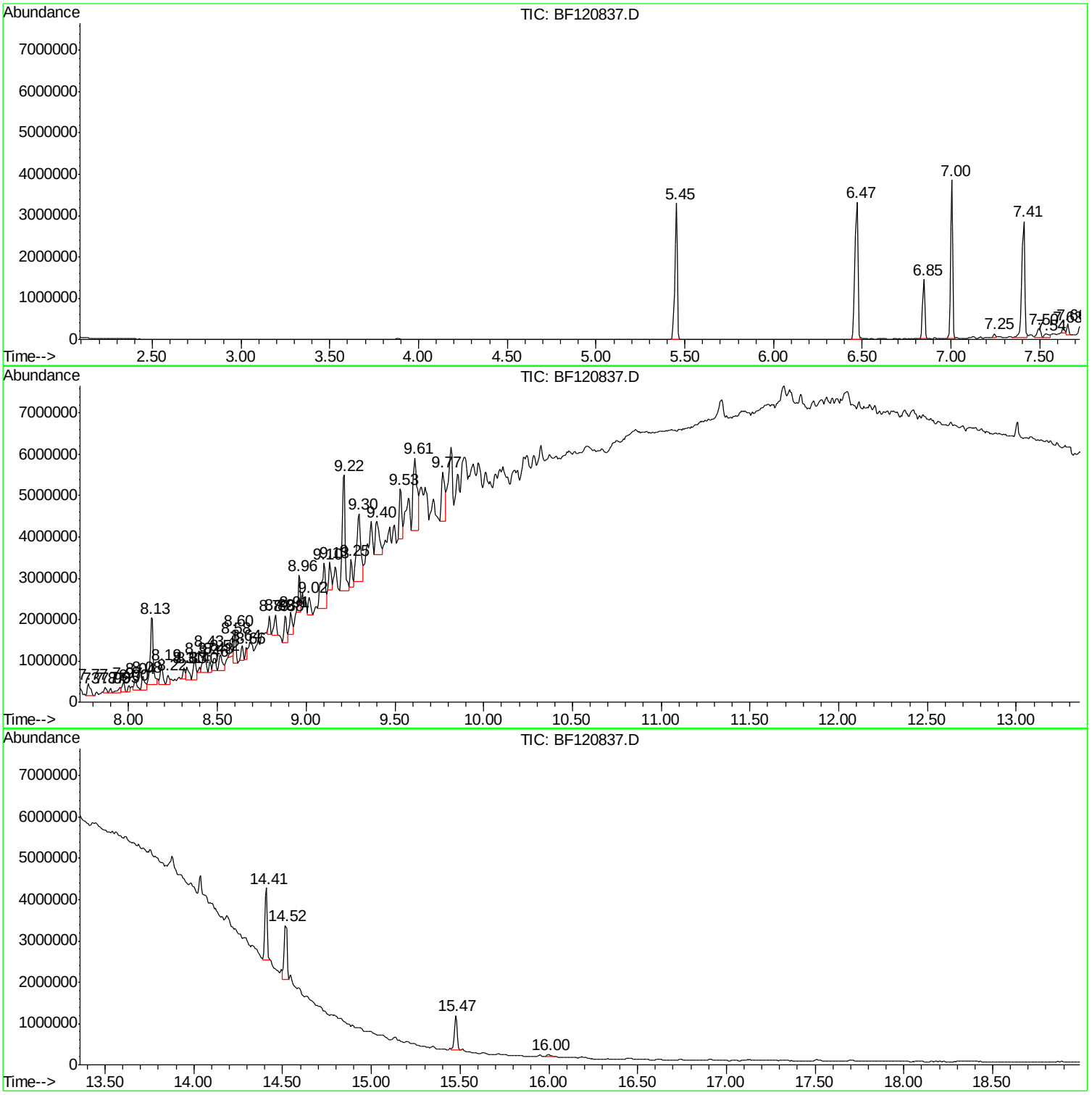
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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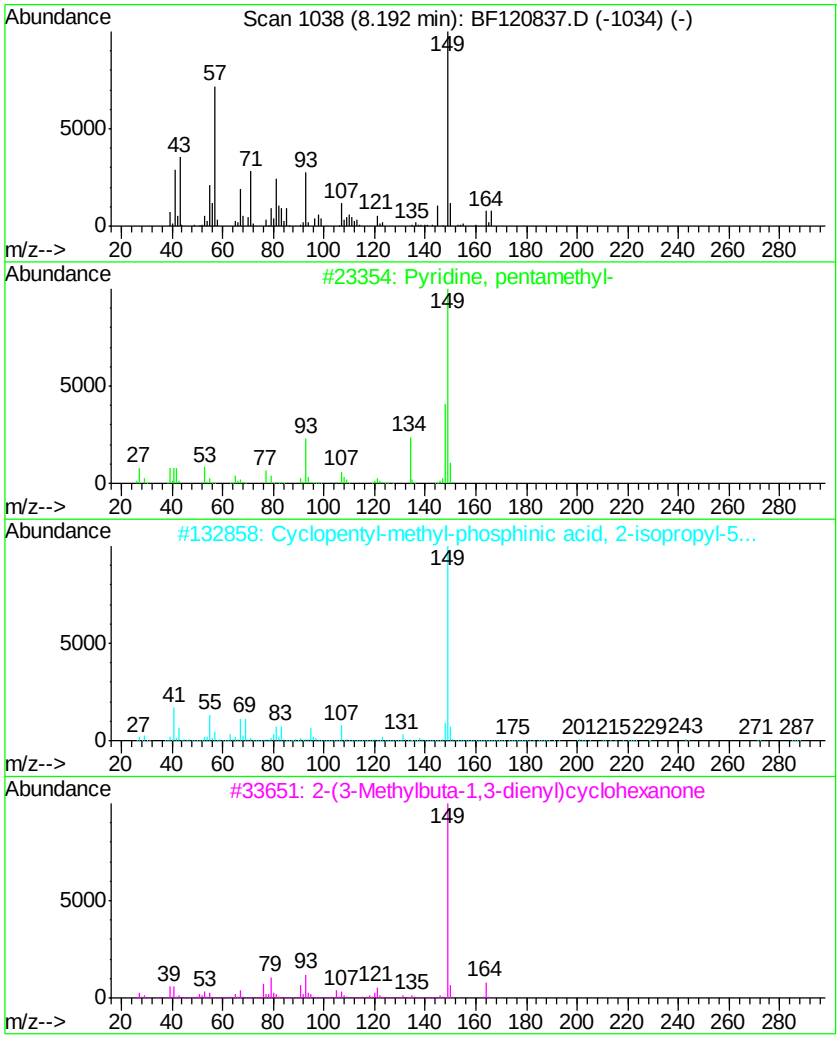
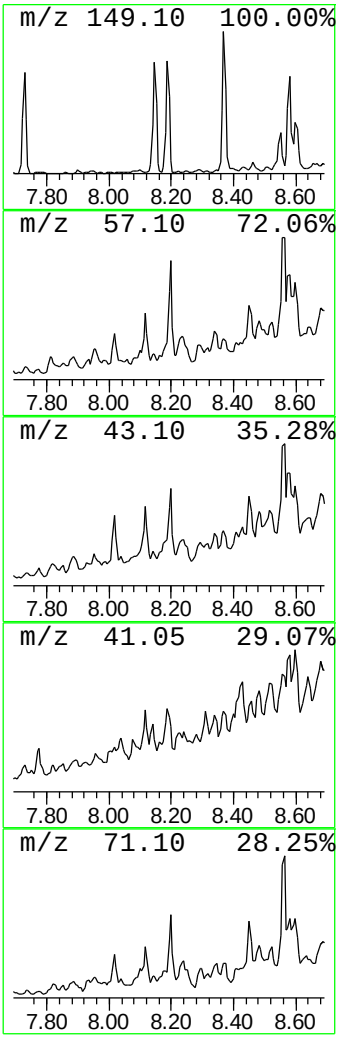
Peak Number 2 unknown8.19 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.25 ng	542775	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	49
2	Cyclopentyl-methyl-phosphinic ac...	286	C16H31O2P	1000194-56-2	47
3	2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	46
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	40
5	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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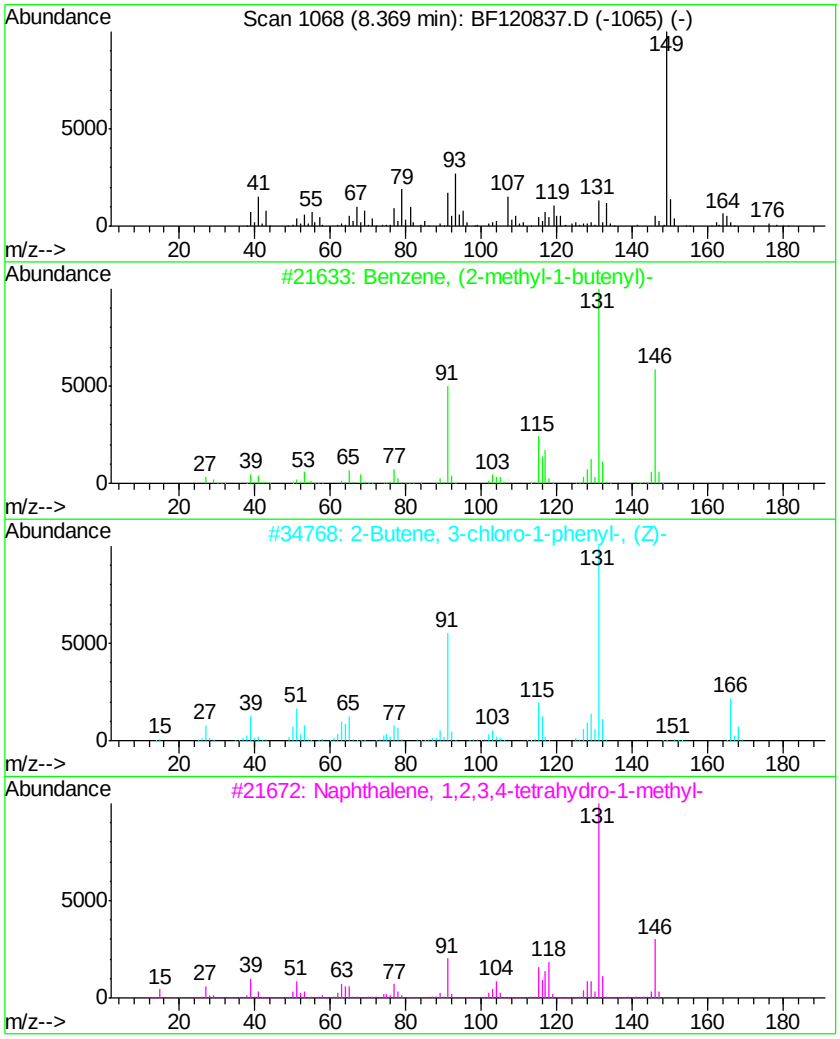
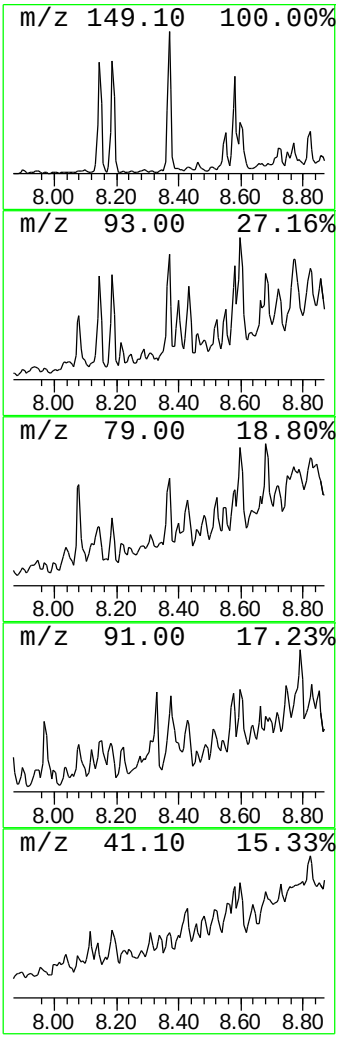
Peak Number 3 unknown8.37 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	6.18 ng	638516	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	47
2	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	40
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	38
4	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	35
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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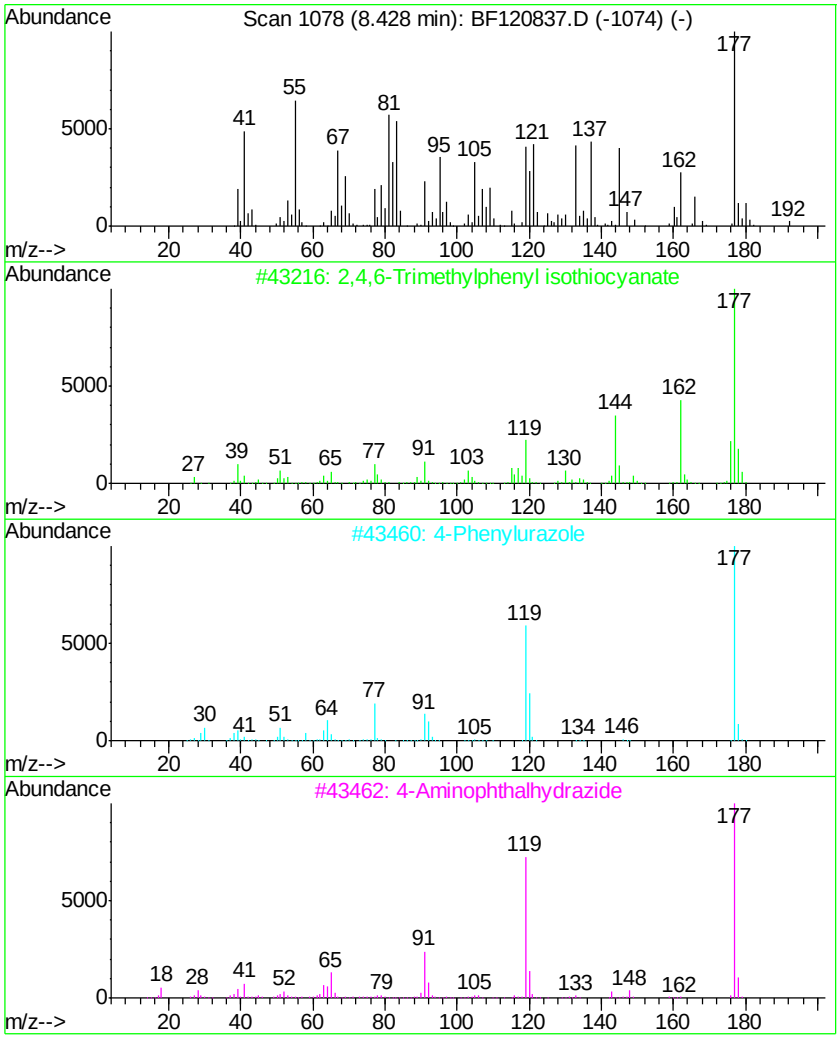
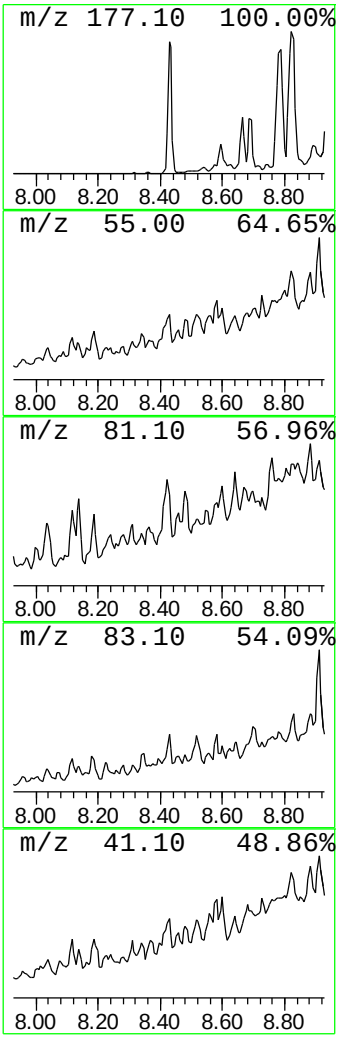
Peak Number 4 unknown8.43 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	6.42 ng	663488	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethylphenyl isothiocya...	177	C10H11NS	006095-82-5	27
2	4-Phenylurazole	177	C8H7N3O2	015988-11-1	22
3	4-Aminophthalhydrazide	177	C8H7N3O2	003682-14-2	12
4	Luminol	177	C8H7N3O2	000521-31-3	12
5	Styrylcarbamic acid methyl ester	177	C10H11NO2	1000303-20-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

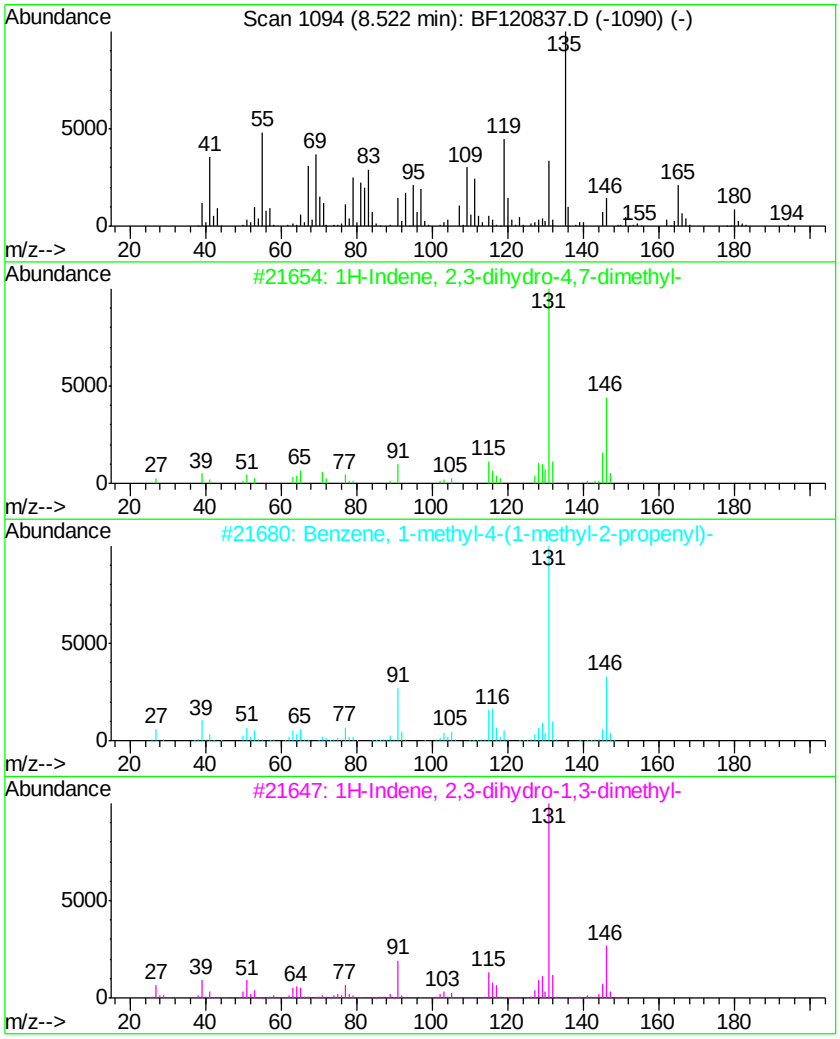
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

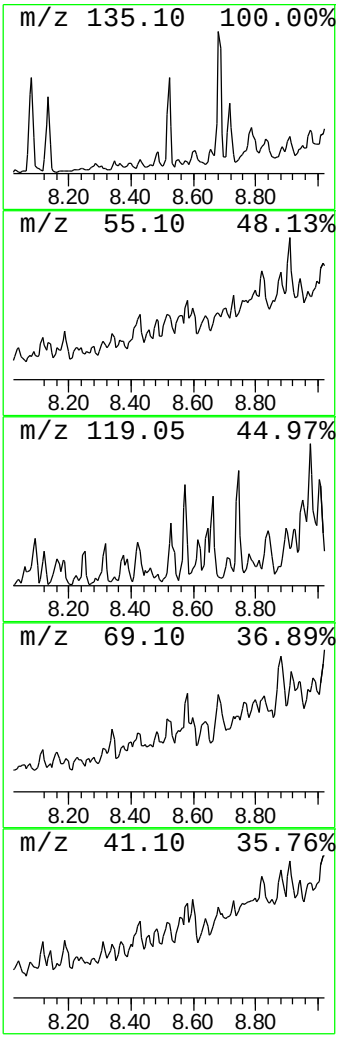
****

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	5.40 ng	557764	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	56
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	25
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	25
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	25
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

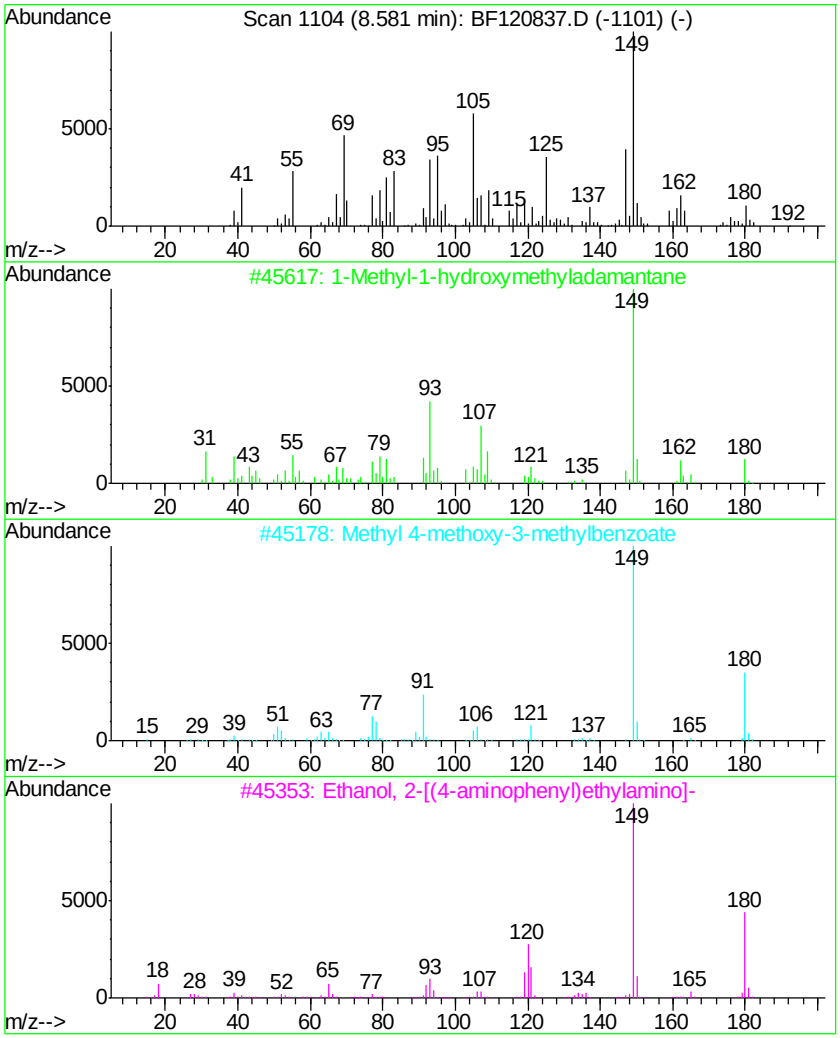
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

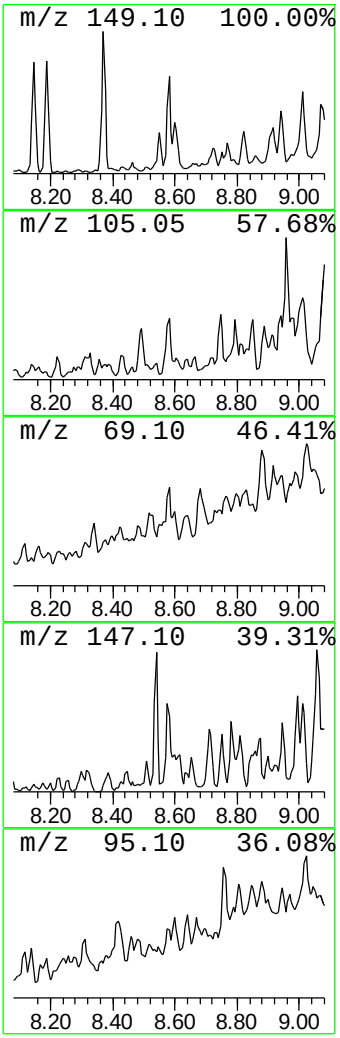
****

Peak Number 6 unknown8.58 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	3.56 ng	367969	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1-hydroxymethyladamantane	180	C12H20O	001200-78-8	43
2	Methyl 4-methoxy-3-methylbenzoate	180	C10H12O3	1000378-75-3	43
3	Ethanol, 2-[(4-aminophenyl)ethyl...	180	C10H16N2O	000092-65-9	38
4	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	38
5	6-Methylthieno[2,3-b]pyridine	149	C8H7NS	001759-30-4	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

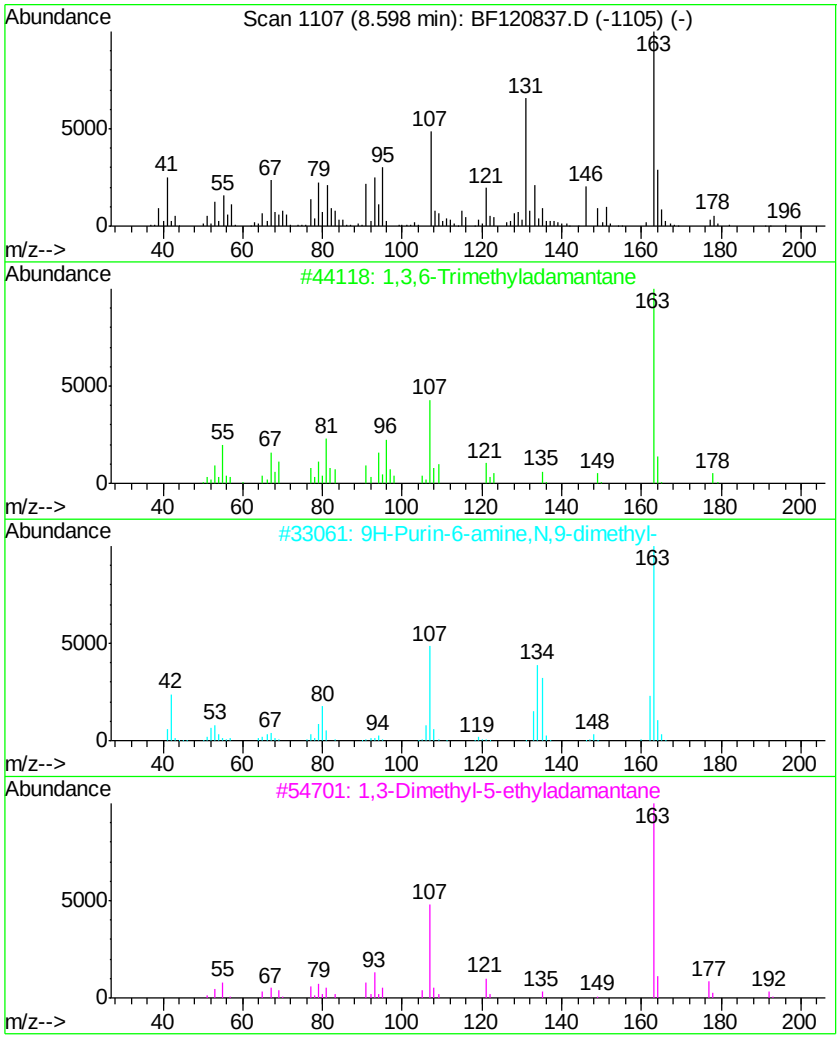
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

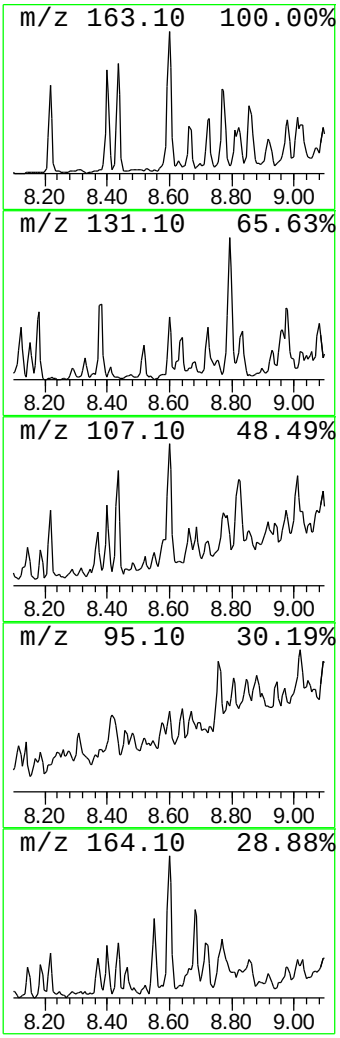
****

Peak Number 7 unknown8.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.54 ng	675558	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	46
2	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	43
3	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	38
4	1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	38
5	4-Hydroxy-3-methoxyphenylacetoni...	163	C9H9NO2	004468-59-1	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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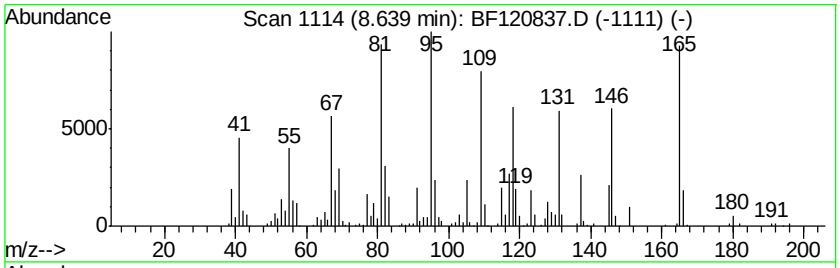
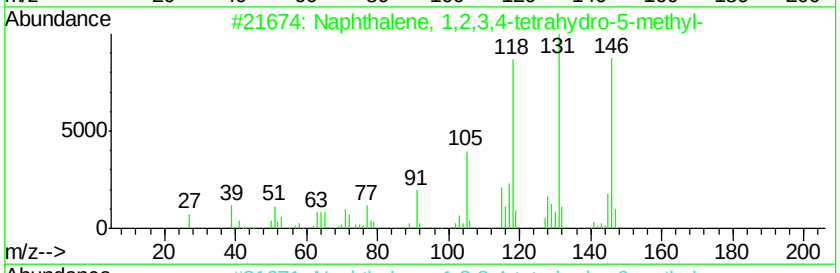
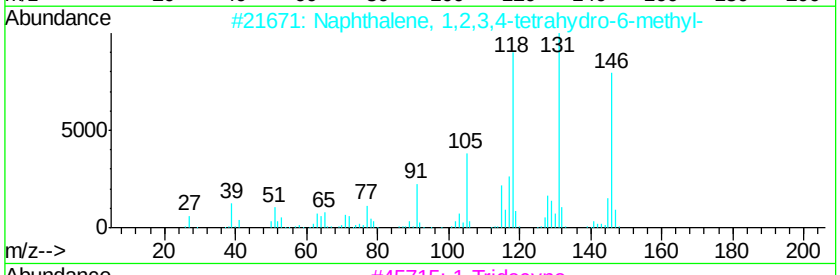
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

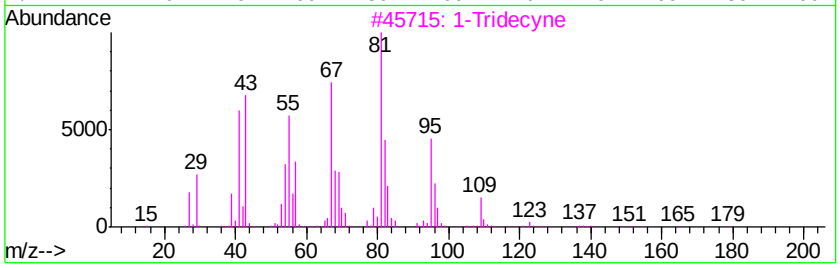
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.40 ng	350967	Naphthalene-d8	8.13

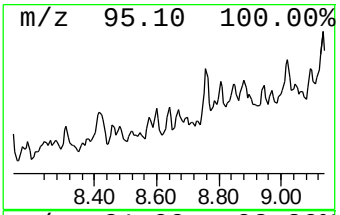
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	56
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	56
3	1-Tridecyne	180	C13H24	026186-02-7	25
4	p-Formophenetidide	165	C9H11NO2	061587-14-2	22
5	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	22

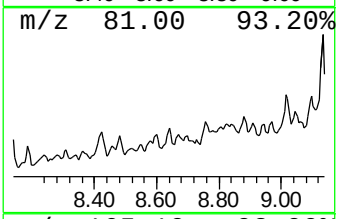


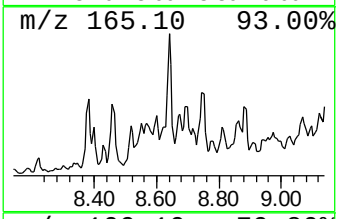


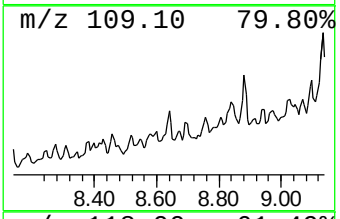


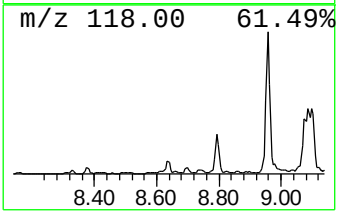












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

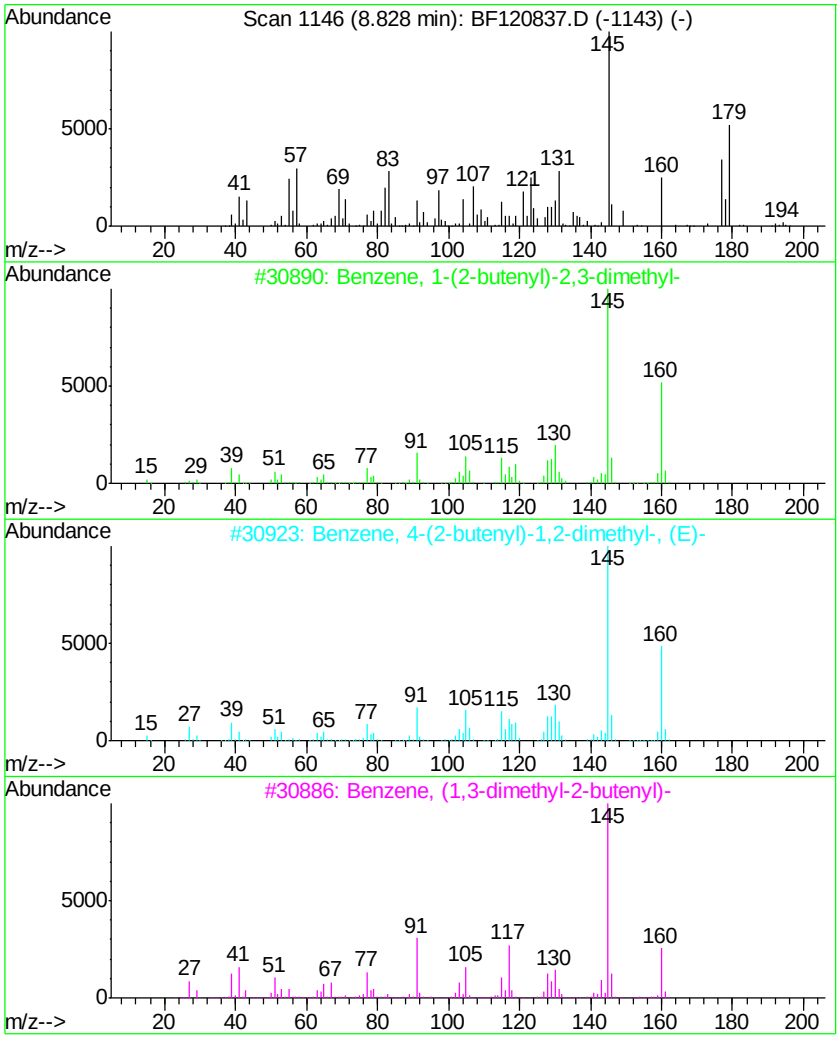
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

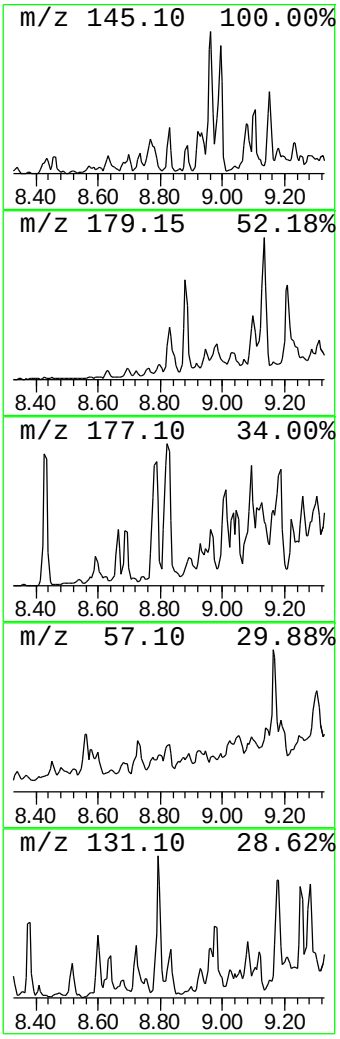
****

Peak Number 9 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	4.86 ng	501687	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	50
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	50
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	50
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	41





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Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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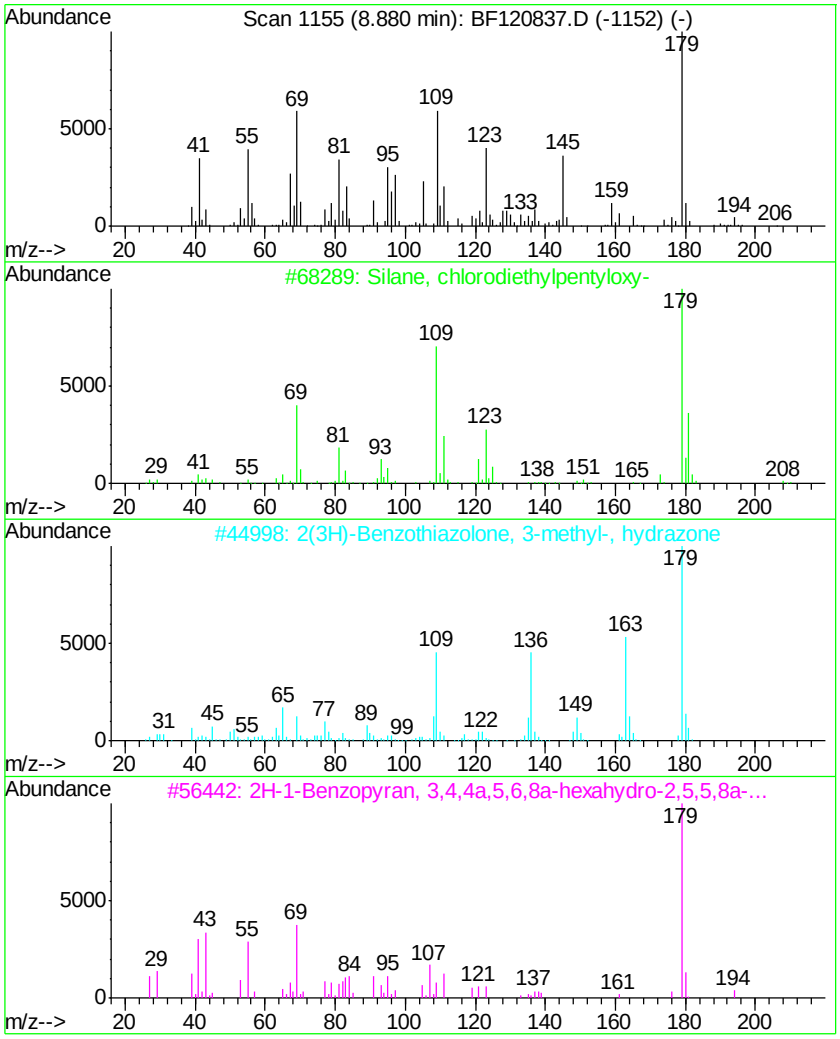
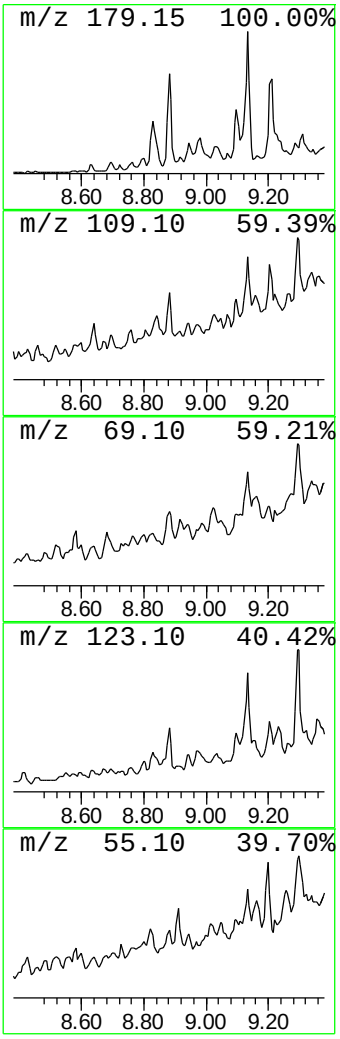
Peak Number 10 Silane, chlorodiethylpentyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	7.40 ng	764663	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethylpentyloxy-	208	C9H21ClOSi	1000363-04-4	53
2	2(3H)-Benzothiazolone, 3-methyl-...	179	C8H9N3S	001128-67-2	38
3	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	38
4	Silane, chlorodiethyl(2-methylbu...	208	C9H21ClOSi	1000363-11-1	37
5	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	35





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Operator : JU/CG
Sample : L3255-12
Misc :
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Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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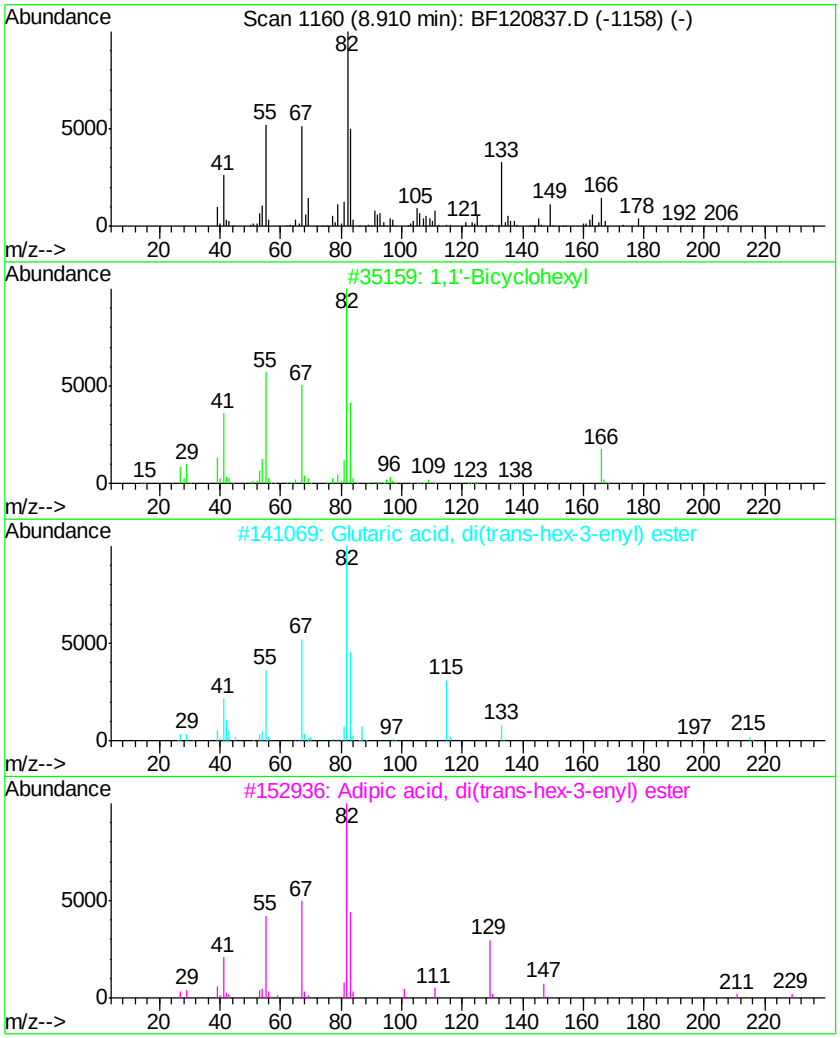
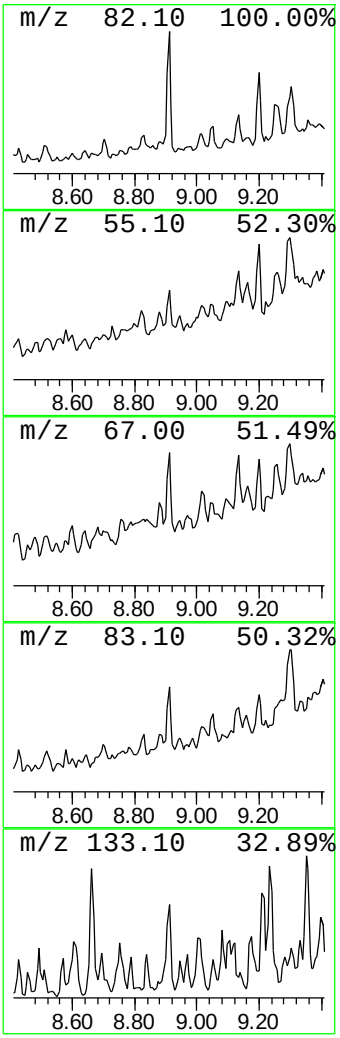
Peak Number 11 1,1'-Bicyclohexyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	5.74 ng	593467	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	94
2	Glutaric acid, di(trans-hex-3-en...	296	C17H28O4	1000359-93-8	59
3	Adipic acid, di(trans-hex-3-enyl...	310	C18H30O4	1000354-02-3	58
4	Succinic acid, di(cis-hex-3-enyl...	282	C16H26O4	1000353-42-2	53
5	Carbonic acid, 2-chloroethyl cyc...	206	C9H15ClO3	1000357-88-0	53





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Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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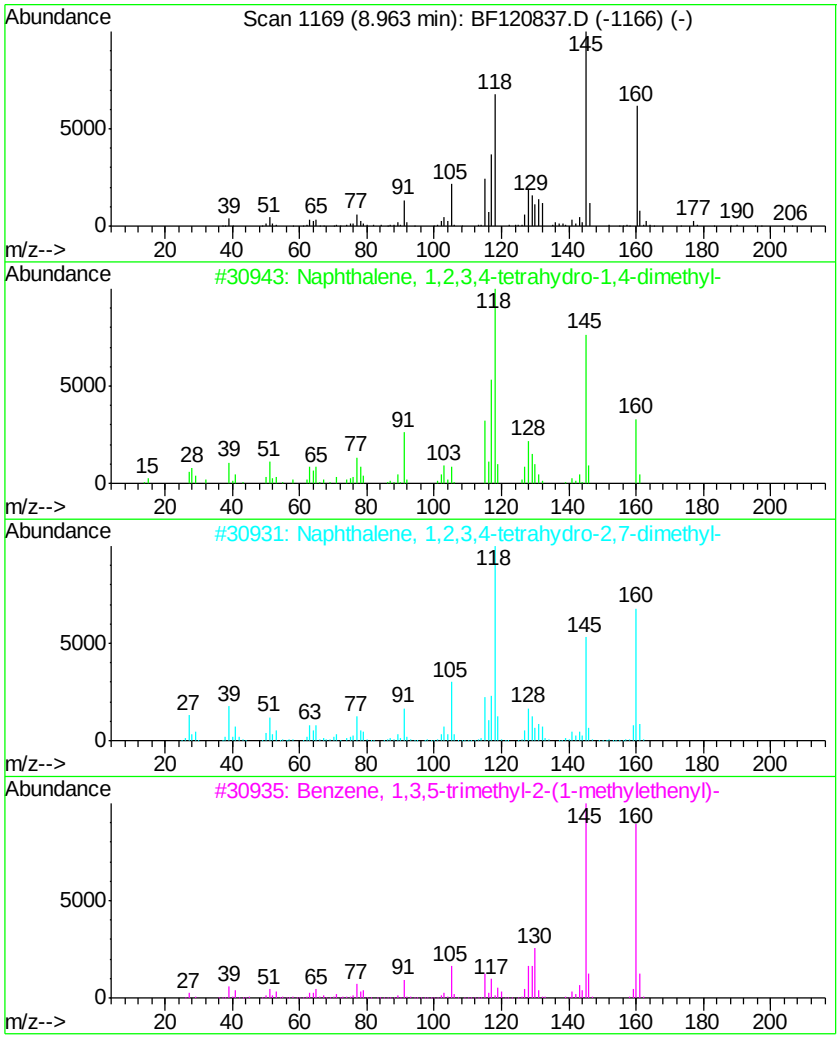
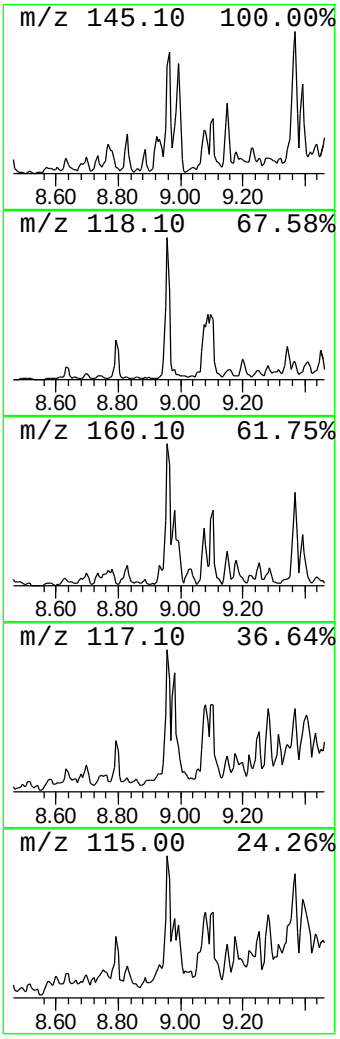
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	7.24 ng	748086	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58





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Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

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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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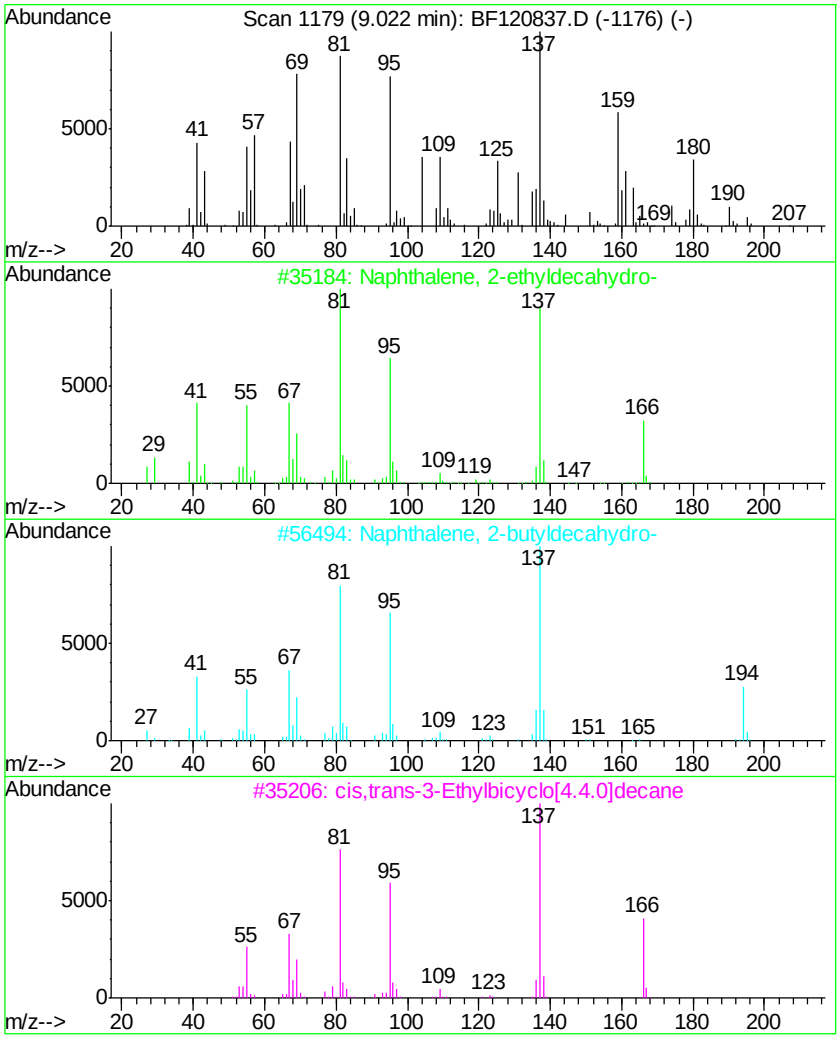
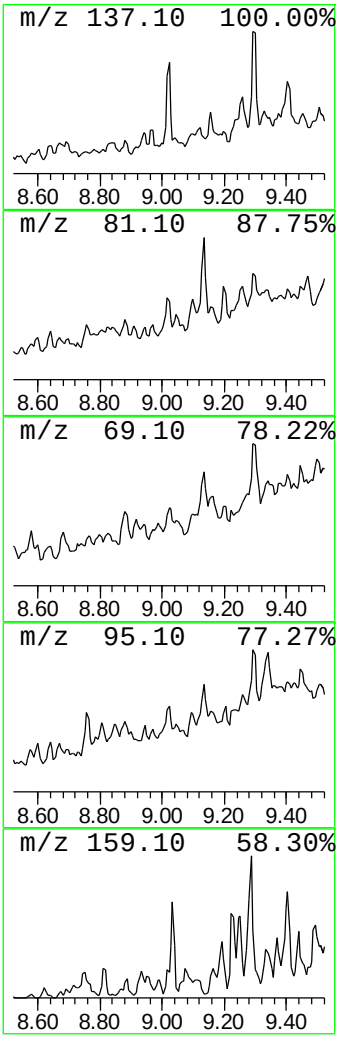
Peak Number 13 unknown9.02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	5.47 ng	489800	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	43
2	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	38
3	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
4	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	22
5	trans,trans-2,8-Dimethylspiro[5....	180	C13H24	095530-76-0	22





Library Search Compound Report

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Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

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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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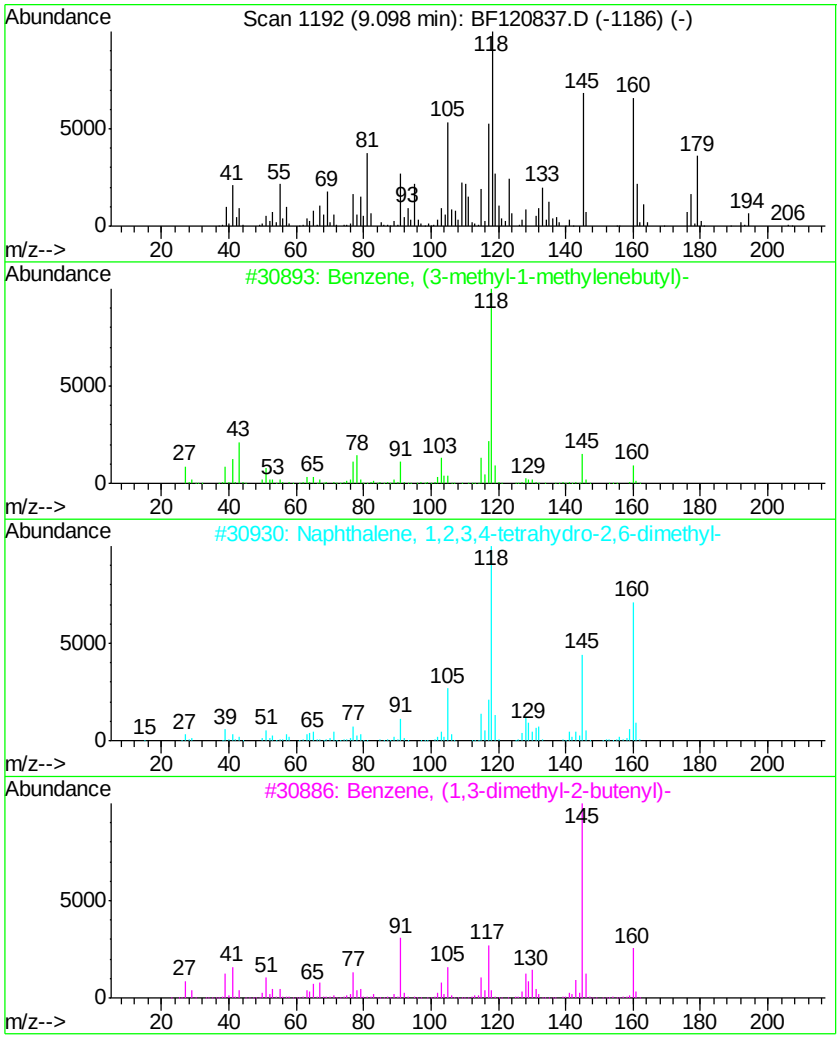
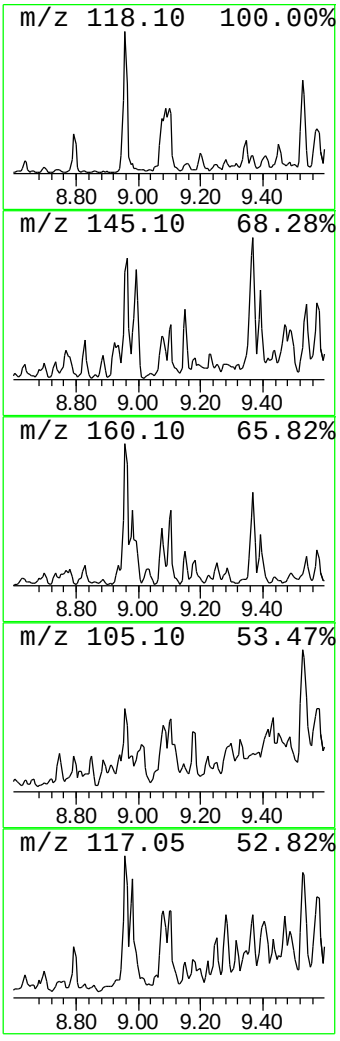
Peak Number 14 unknown9.10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	20.70 ng	1853640	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	47
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	43
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	38
4	Acetonitrile, 2-[4-(cyanomethyl)...	145	C8H7N3	1000197-65-1	38
5	2,5-Dimethylbenzyl cyanide	145	C10H11N	016213-85-7	35





Library Search Compound Report

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Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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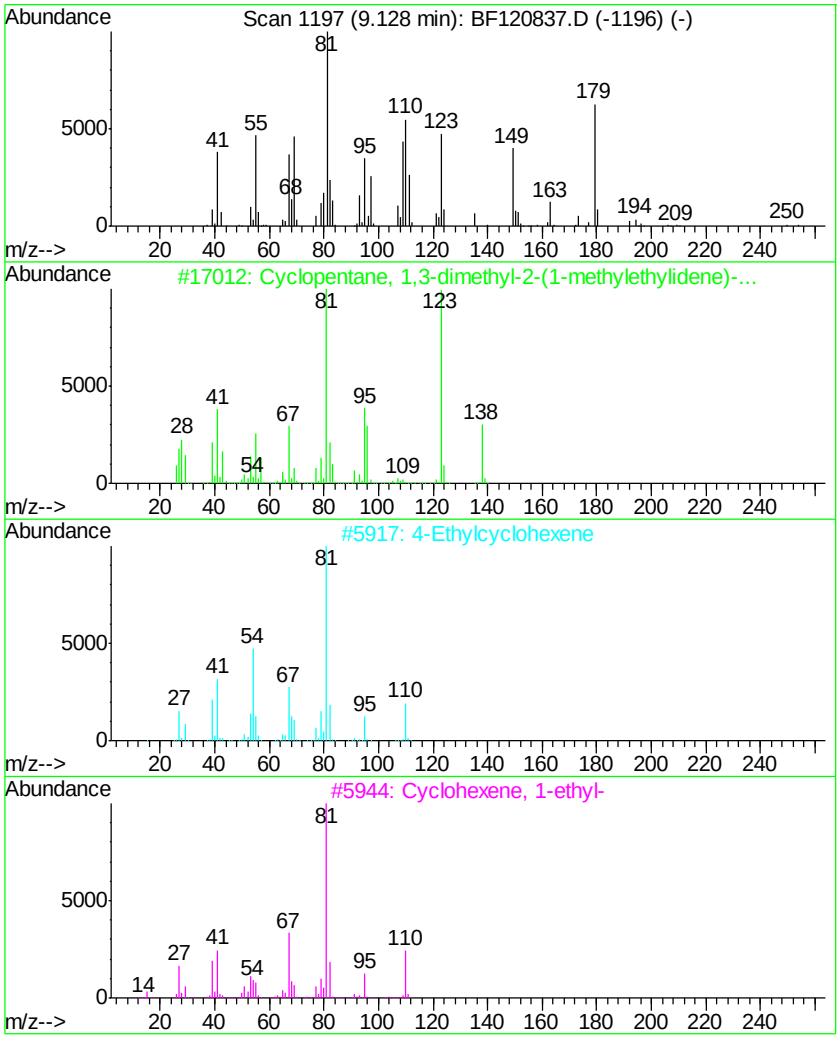
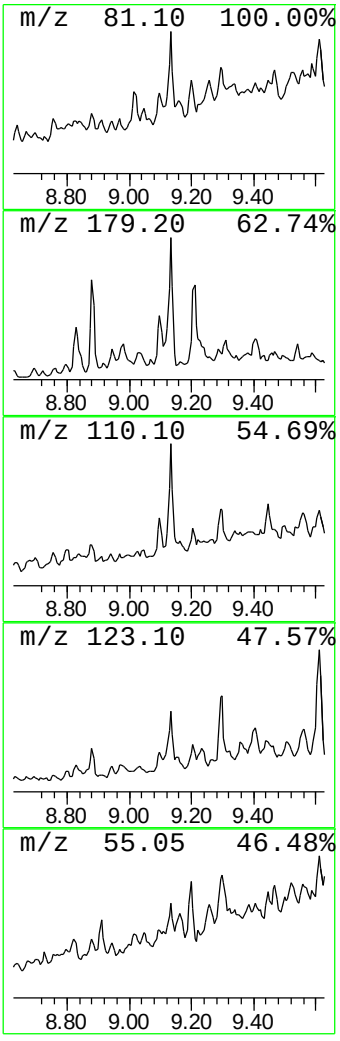
Peak Number 15 unknown9.13 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	5.50 ng	492474	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	35
2	4-Ethylcyclohexene	110	C8H14	003742-42-5	27
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	27
4	3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	25
5	1-Octyne	110	C8H14	000629-05-0	22





Library Search Compound Report

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Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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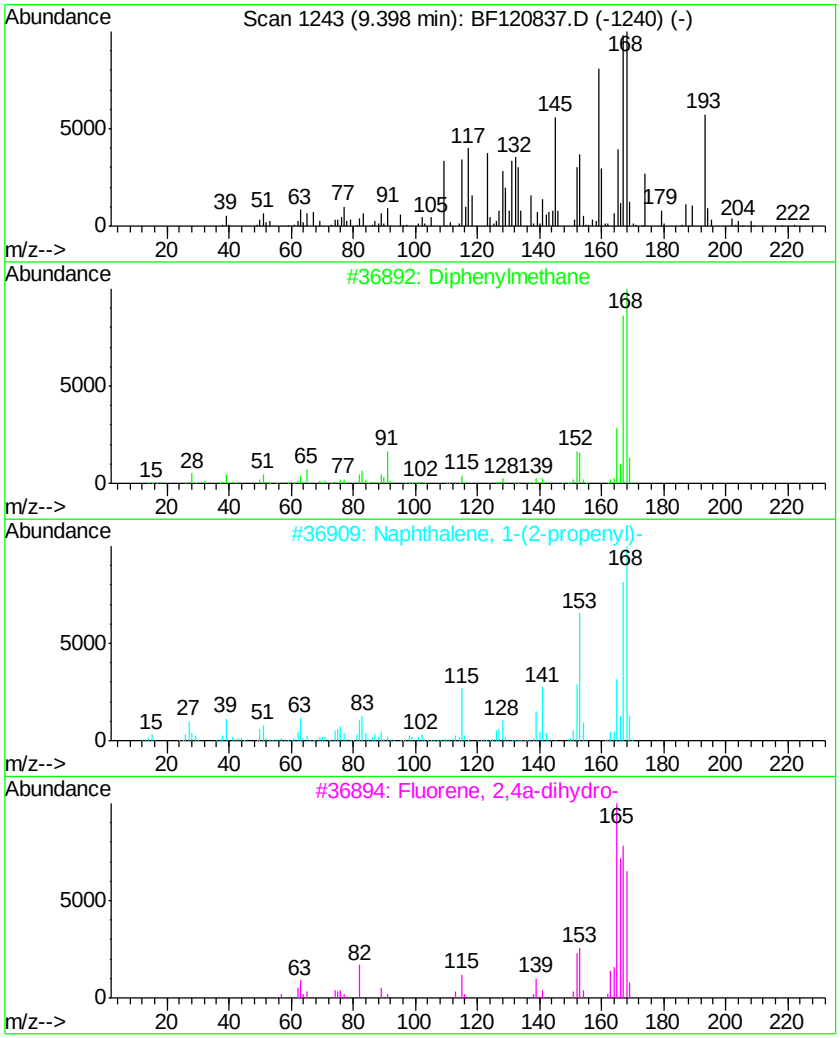
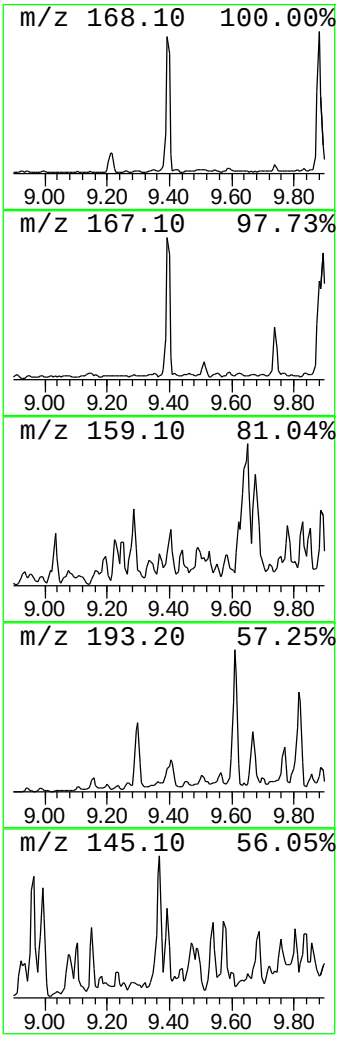
Peak Number 16 Diphenylmethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	15.11 ng	1353530	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	70
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	38
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	2-Biphenylacetonitrile	193	C14H11N	019853-10-2	25





Library Search Compound Report

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Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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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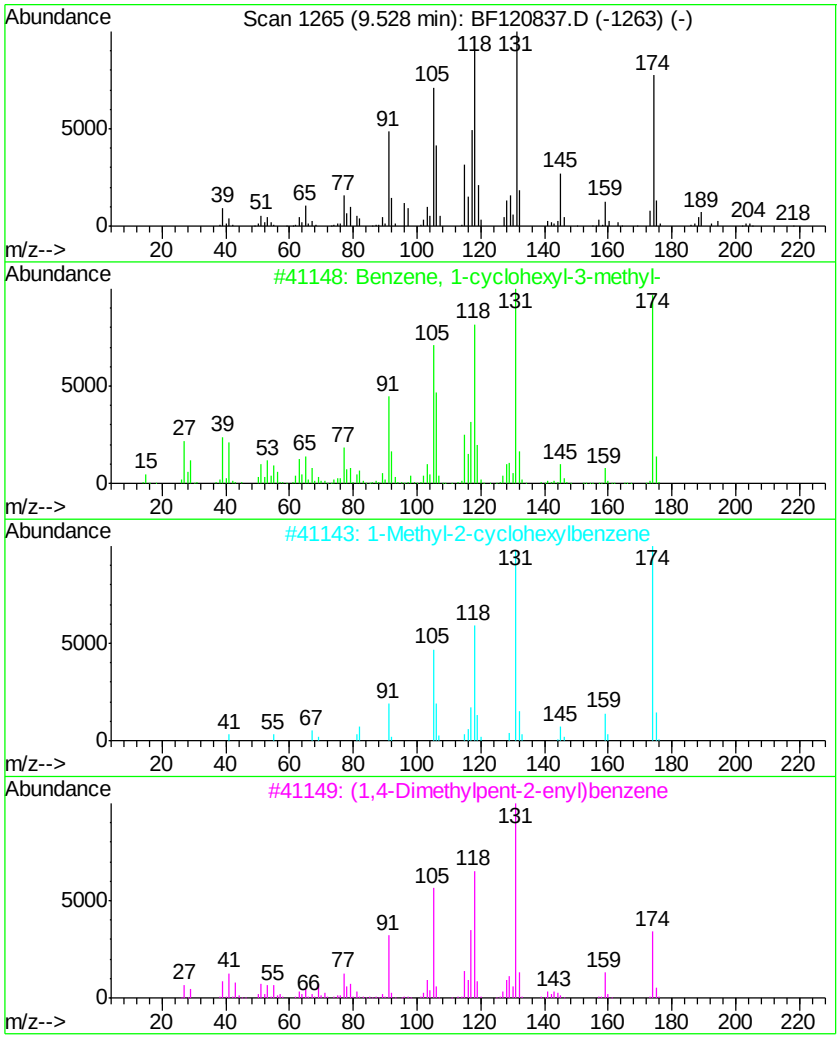
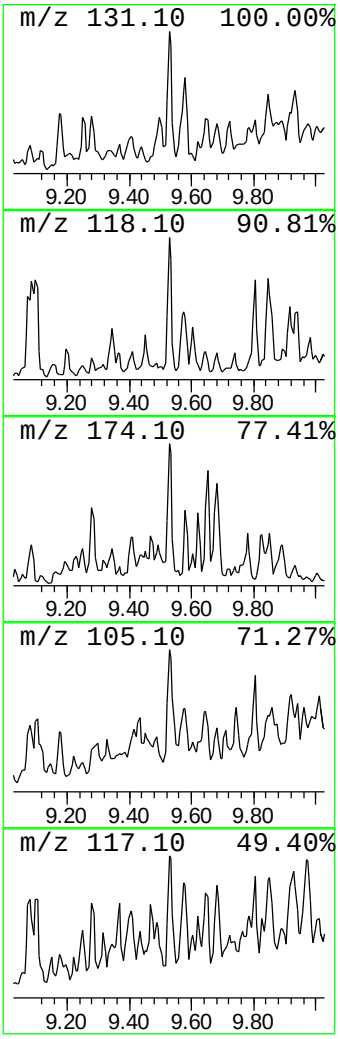
Peak Number 17 Benzene, 1-cyclohexyl-3-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	14.93 ng	1337330	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	96
2	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	93
3	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	76
4	2-Pentanone, 3-(phenylmethylene)-	174	C12H14O	003437-89-6	38
5	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	35





Library Search Compound Report

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Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

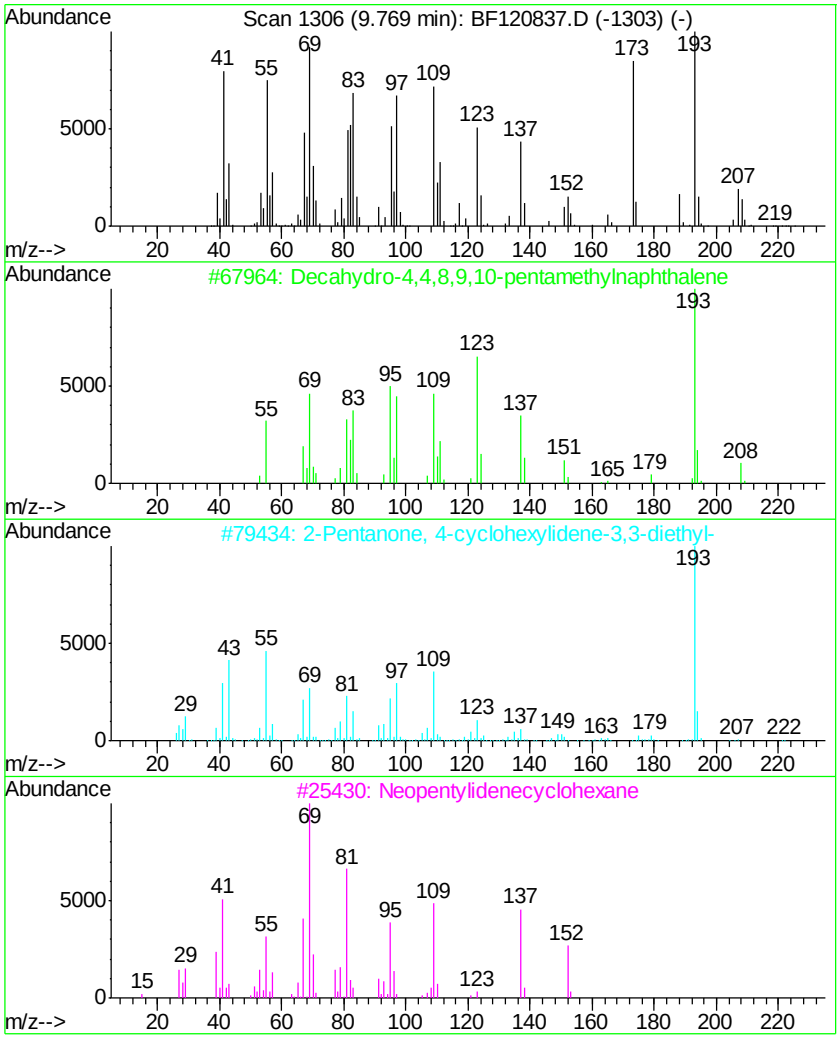
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

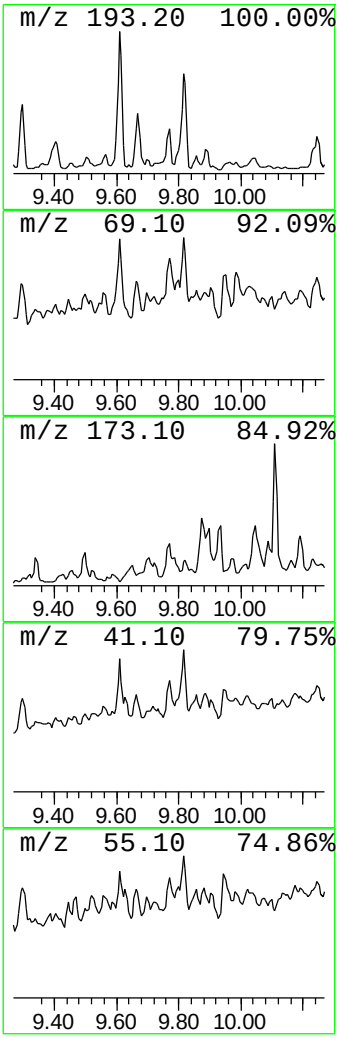
****

Peak Number 18 unknown9.77 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	20.00 ng	1791220	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	42
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	35
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
4	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	12
5	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

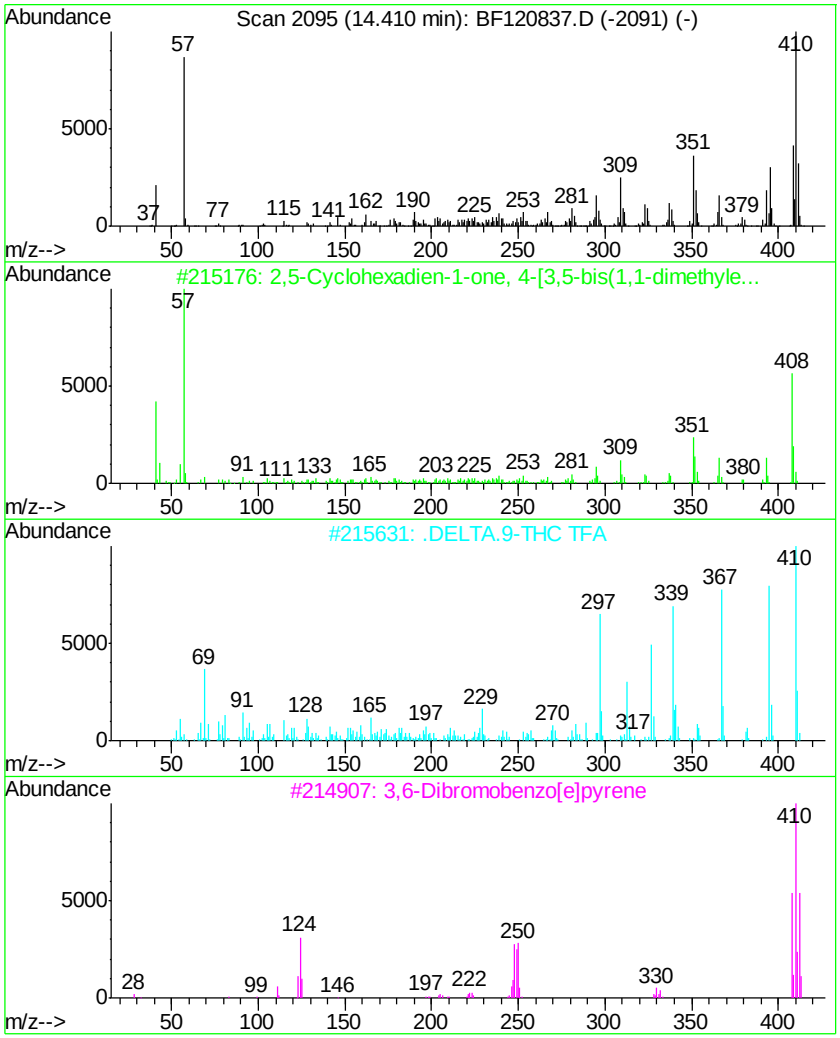
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

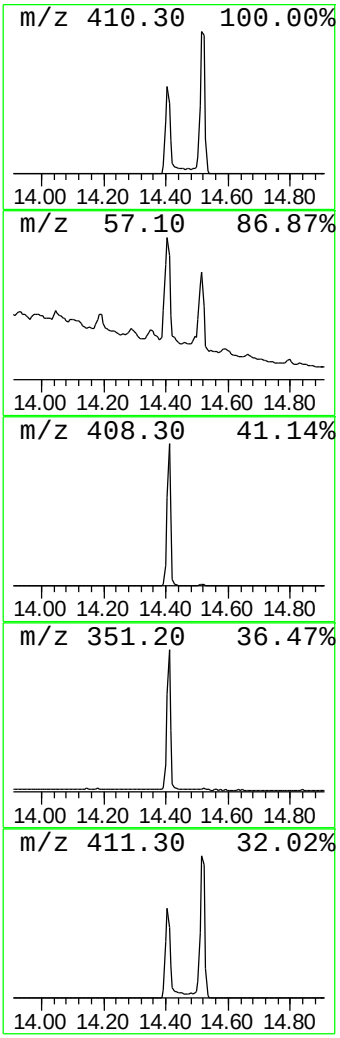
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2,5-Cyclohexadien-1-one, 4-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	20.00 ng	1795140	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 4-[3,5-...	408	C28H40O2	002455-14-3	96
2	.DELTA.9-THC TFA	410	C23H29F3O3	086702-79-6	95
3	3,6-Dibromobenzo[e]pyrene	408	C20H10Br2	077508-03-3	47
4	9-Chloro-4,5-dihydro-4-[3,4,5-tr...	410	C22H19ClN2O4	1000212-48-1	43
5	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

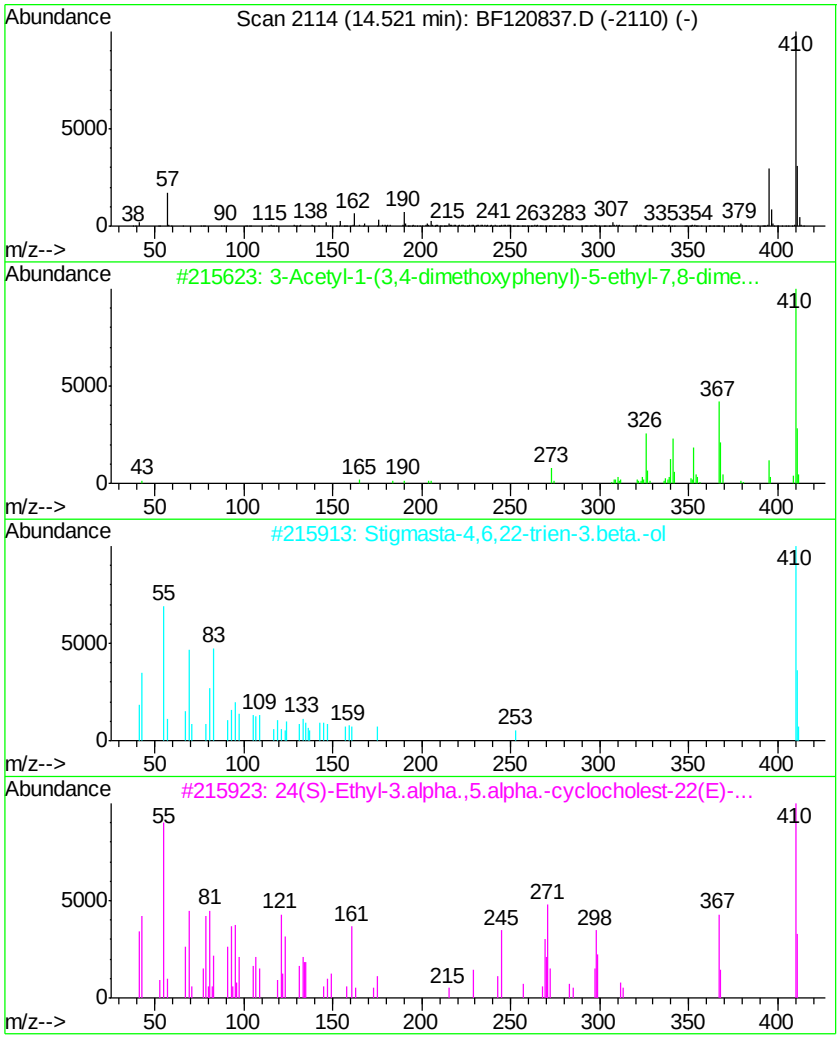
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

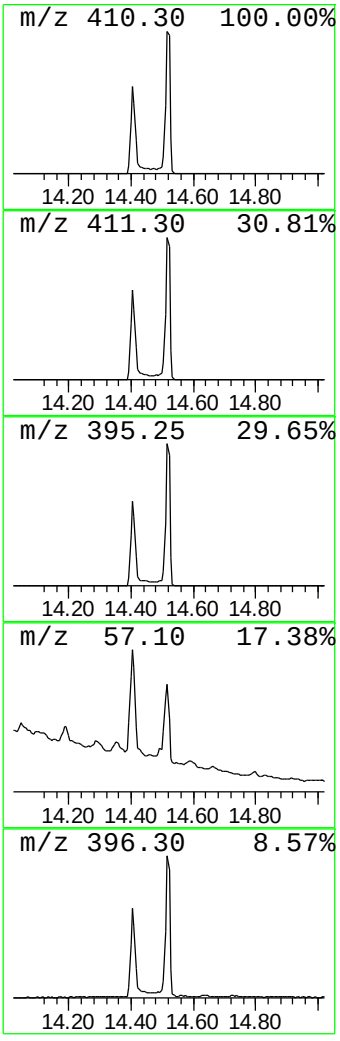
****

Peak Number 20 3-Acetyl-1-(3,4-dimethoxyph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	14.73 ng	1322060	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	59
2	Stigmasta-4,6,22-trien-3.beta.-ol	410	C29H46O	096737-58-5	40
3	24(S)-Ethyl-3.alpha.,5.alpha.-cy...	410	C29H46O	1000105-21-7	40
4	6,9-Methanobenzo[b]pentaphene-5,...	410	C27H22O4	057427-50-6	33
5	Pregnane-3,17,20-triol, cyclic 1...	428	C27H45BO3	030882-57-6	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071020\
Data File : BF120837.D
Acq On : 10 Jul 2020 18:07
Operator : JU/CG
Sample : L3255-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHRT-31

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070220.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
unknown8.19	8.19	5.3	ng	542775	2	8.13	2066660	20.0
unknown8.37	8.37	6.2	ng	638516	2	8.13	2066660	20.0
unknown8.43	8.43	6.4	ng	663488	2	8.13	2066660	20.0
1H-Indene, 2,3-di...	8.52	5.4	ng	557764	2	8.13	2066660	20.0
unknown8.58	8.58	3.6	ng	367969	2	8.13	2066660	20.0
unknown8.60	8.60	6.5	ng	675558	2	8.13	2066660	20.0
Naphthalene, 1,2,...	8.64	3.4	ng	350967	2	8.13	2066660	20.0
Benzene, 1-(2-but...	8.83	4.9	ng	501687	2	8.13	2066660	20.0
Silane, chlorodie...	8.88	7.4	ng	764663	2	8.13	2066660	20.0
1,1'-Bicyclohexyl	8.91	5.7	ng	593467	2	8.13	2066660	20.0
Naphthalene, 1,2,...	8.96	7.2	ng	748086	2	8.13	2066660	20.0
unknown9.02	9.02	5.5	ng	489800	3	9.90	1791220	20.0
unknown9.10	9.10	20.7	ng	1853640	3	9.90	1791220	20.0
unknown9.13	9.13	5.5	ng	492474	3	9.90	1791220	20.0
Diphenylmethane	9.40	15.1	ng	1353530	3	9.90	1791220	20.0
Benzene, 1-cycloh...	9.53	14.9	ng	1337330	3	9.90	1791220	20.0
unknown9.77	9.77	20.0	ng	1791220	3	9.90	1791220	20.0
2,5-Cyclohexadien...	14.41	20.0	ng	1795140	5	14.04	1795140	20.0
3-Acetyl-1-(3,4-d...	14.52	14.7	ng	1322060	5	14.04	1795140	20.0