LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112441.D
Acq On : 7 Feb 2019 16:39
Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

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-BF012519.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	5.051	500	504	513	rBV	101872	134014	1.77%	0.140%
2	5.469	571	575	591	rBV	2659146	2690671	35.61%	2.808%
3	6.481	743	747	765	rBV	2593632	2927922	38.75%	3.056%
4	6.610	765	769	775	rBV	3406070	3001670	39.73%	3.133%
5	6.786	796	799	803	rVB	123679	114109	1.51%	0.119%
6	6.834	803	807	814	rBV	978183	875900	11.59%	0.914%
7	6.986	829	833	836	rBV	2489297	2269445	30.04%	2.369%
8	7.092	848	851	858	rBV	98396	116375	1.54%	0.121%
9	7.398	899	903	914	rVB	1832976	1804660	23.88%	1.883%
10	7.851	975	980	986	rBV2	139725	168729	2.23%	0.176%
11	7.916	986	991	1000	rVB5	71015	148315	1.96%	0.155%
12	8.116	1018	1025	1026	rBV	1255757	1259452	16.67%	1.314%
13	8.139	1026	1029	1032	rVV	5152165	5054495	66.90%	5.275%
14	8.186	1034	1037	1044	rVB	185599	214369	2.84%	0.224%
15	8.286	1048	1054	1057	rBV2	79390	112186	1.48%	0.117%
16	8.392	1069	1072	1077	rVB4	71537	113245	1.50%	0.118%
17	8.475	1082	1086	1088	rBV2	315452	344234	4.56%	0.359%
18	8.704	1122	1125	1128	rBV3	142935	140031	1.85%	0.146%
19	8.739	1128	1131	1134	rBV3	83334	109389	1.45%	0.114%
20	8.828	1142	1146	1150	rBV	2872480	2624402	34.73%	2.739%
21	8.886	1153	1156	1159	rBV2	373163	376805	4.99%	0.393%
22	8.928	1159	1163	1167	rVV	2016286	1725698	22.84%	1.801%
23	9.133	1196	1198	1202	rBV4	362482	359972	4.76%	0.376%
24	9.186	1202	1207	1211	rBV	3197062	3192216	42.25%	3.332%
25	9.227	1212	1214	1216	rBV3	127380	119007	1.58%	0.124%
26	9.292	1218	1225	1231	rBV	904782	1595851	21.12%	1.666%
27	9.386	1238	1241	1245	rBV	579607	630486	8.34%	0.658%
28	9.463	1248	1254	1257	rBV2	856515	1386895	18.36%	1.447%
29	9.504	1258	1261	1263	rBV4	334802	371249	4.91%	0.387%
30	9.533	1263	1266	1268	rVV	1262447	1304662	17.27%	1.362%
31	9.557	1268	1270	1272	rVB	843043	661205	8.75%	0.690%
32	9.592	1272	1276	1279	rBV2	735099	904036	11.96%	0.944%
33	9.651	1283	1286	1288	rBV2	579864	490127	6.49%	0.512%
34	9.733	1297	1300	1304	rBV2	723670	965776	12.78%	1.008%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.857	1318	1321	1322	rBV2	722746	694952	9.20%	0.725%
36	9.874	1322	1324	1327	rVB2	1491542	1283239	16.98%	1.339%
37	9.910	1327	1330	1333	rBV	3742615	3638125	48.15%	3.797%
38	10.086	1356	1360	1363	rBV	2428682	2466790	32.65%	2.575%
39	10.192	1375	1378	1381	rBV	1009649	1285531	17.01%	1.342%
40	10.286	1391	1394	1396	rBV2	1152920	1251927	16.57%	1.307%
41	10.433	1415	1419	1423	rBV	3441159	3787520	50.13%	3.953%
42	10.674	1457	1460	1465	rBV3	1903047	2151749	28.48%	2.246%
43	10.798	1478	1481	1488	rVB	2361048	2893944	38.30%	3.020%
44	11.269	1558	1561	1566	rVB	2851624	3038345	40.21%	3.171%
45	11.410	1581	1585	1589	rVB	4718673	6107436	80.83%	6.374%
46	11.457	1591	1593	1595	rVB	1518837	1122783	14.86%	1.172%
47	12.616	1784	1790	1792	rVB	4818573	6862715	90.83%	7.162%
48	12.839	1822	1828	1832	rVB2	4578094	7555689	100.00%	7.886%
49	13.662	1966	1968	1974	rVB	793257	743198	9.84%	0.776%
50	14.010	2023	2027	2031	rBV2	1967757	3101586	41.05%	3.237%
51	14.045	2031	2033	2041	rVB	2532898	2562346	33.91%	2.674%
52	14.398	2091	2093	2095	rVB	361338	269531	3.57%	0.281%
53	14.474	2104	2106	2109	rVB2	321849	283091	3.75%	0.295%
54	14.892	2174	2177	2181	rVB2	222707	228732	3.03%	0.239%
55	15.057	2200	2205	2208	rBV2	1504798	2318652	30.69%	2.420%
56	15.162	2220	2223	2227	rVB	169554	179419	2.37%	0.187%
57	15.357	2252	2256	2262	rVB	777040	979954	12.97%	1.023%
58	15.421	2262	2267	2270	rBV	889513	1108897	14.68%	1.157%
59	15.480	2273	2277	2280	rVB	590955	685030	9.07%	0.715%
60	16.956	2522	2528	2536	rVB	317439	613671	8.12%	0.640%
61	17.403	2599	2604	2612	rBV	143255	292348	3.87%	0.305%

Sum of corrected areas: 95814798

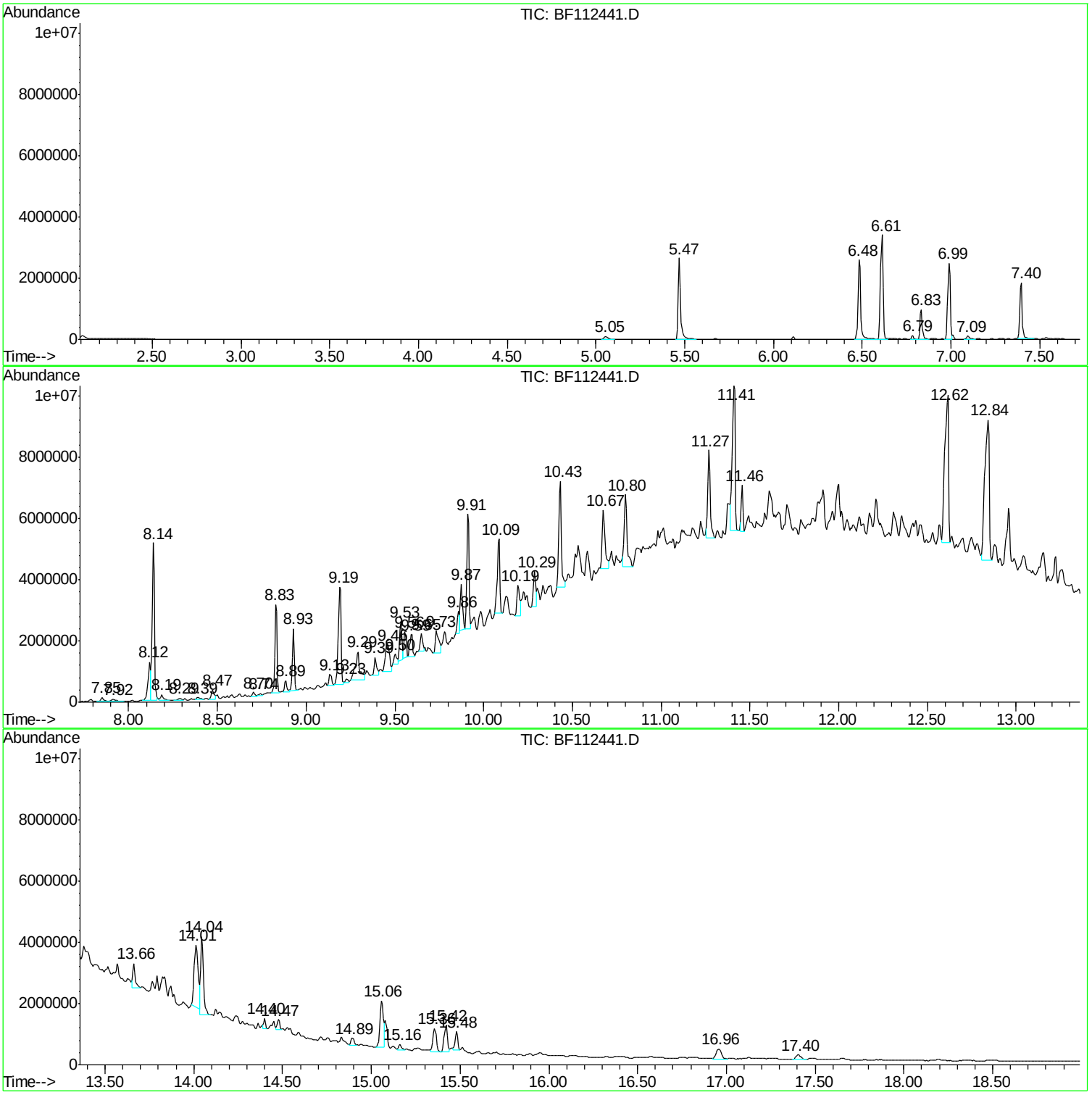
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112441.D
Acq On : 7 Feb 2019 16:39
Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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Data File : BF112441.D
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Instrument : BNA_F
ClientSampleId : RBR-200028

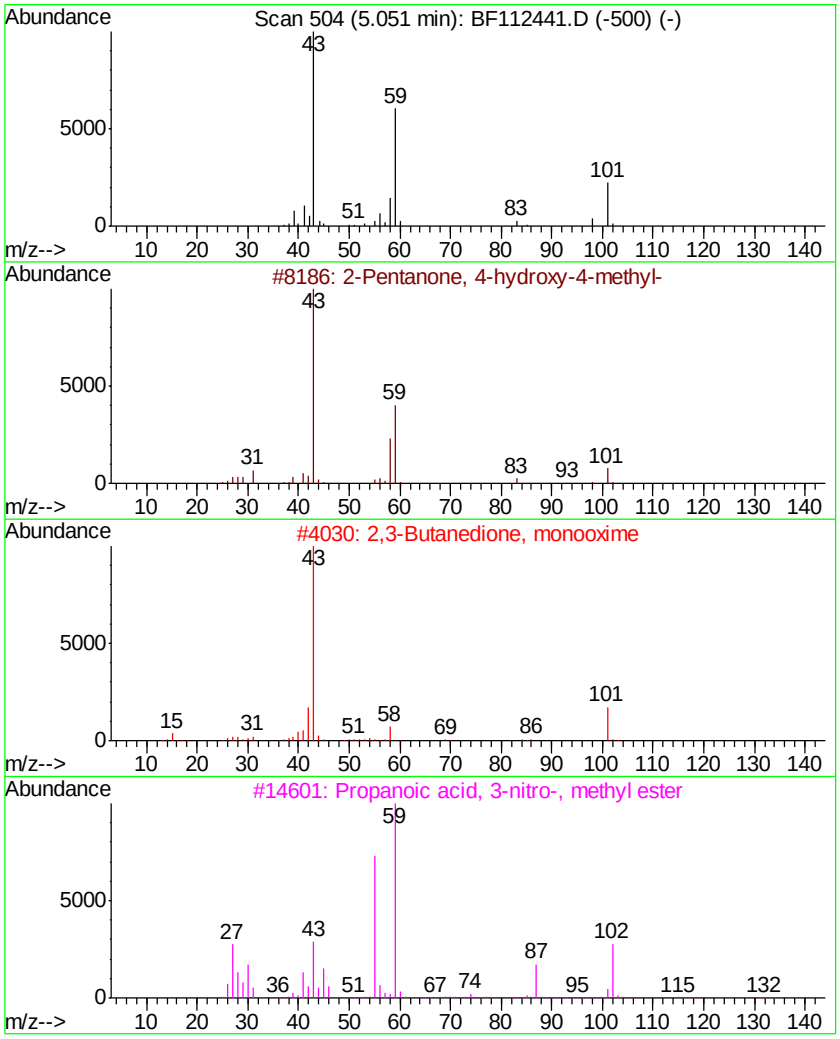
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

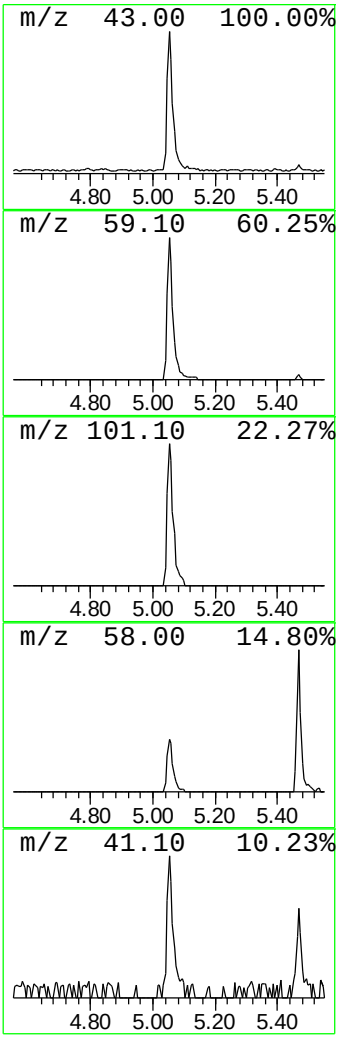
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.06 ng	134014	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112441.D
Acq On : 7 Feb 2019 16:39
Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

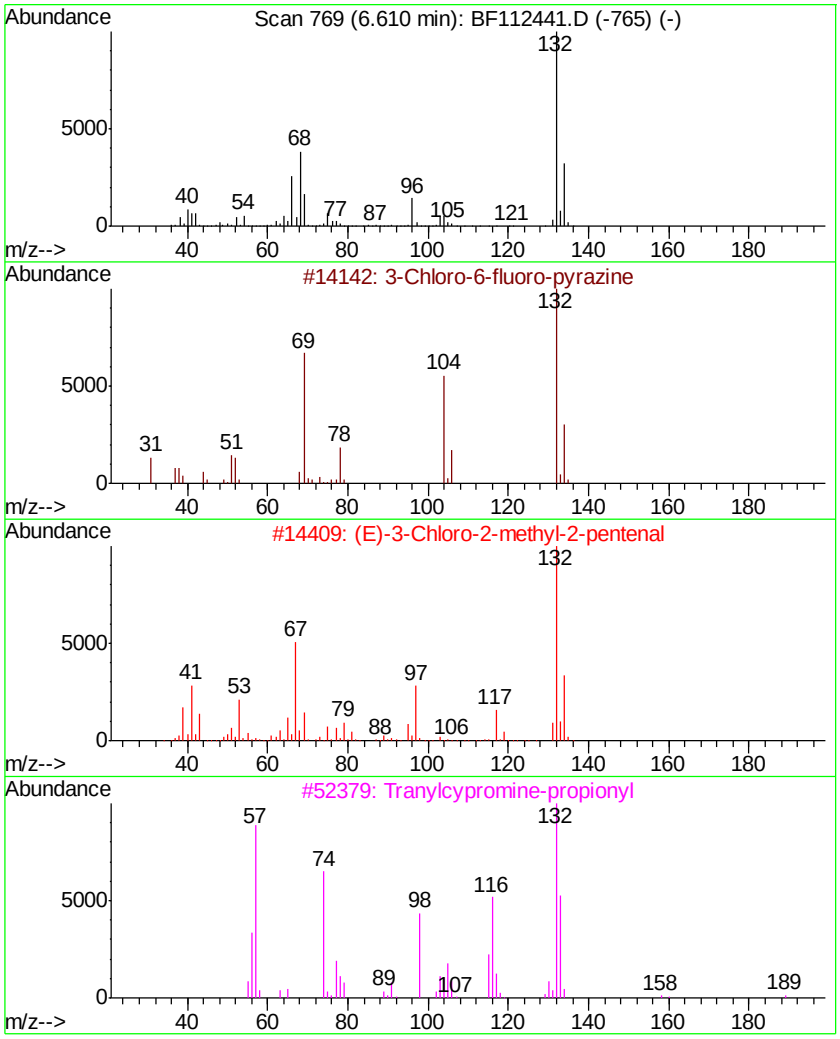
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

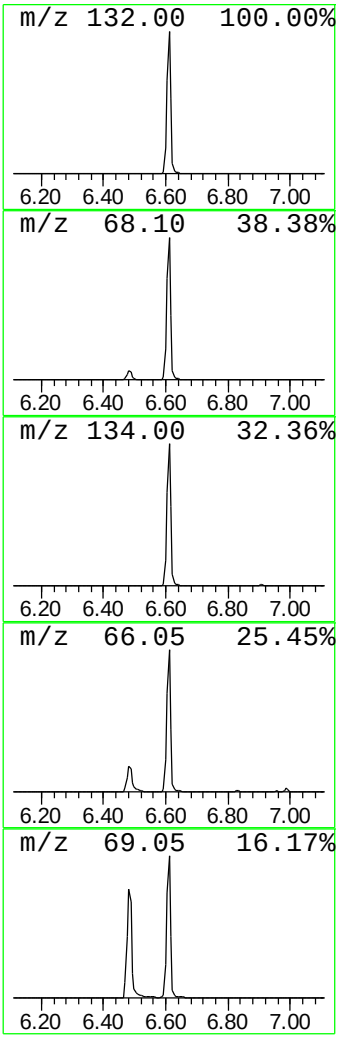
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	68.54 ng	3001670	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Data File : BF112441.D
Acq On : 7 Feb 2019 16:39
Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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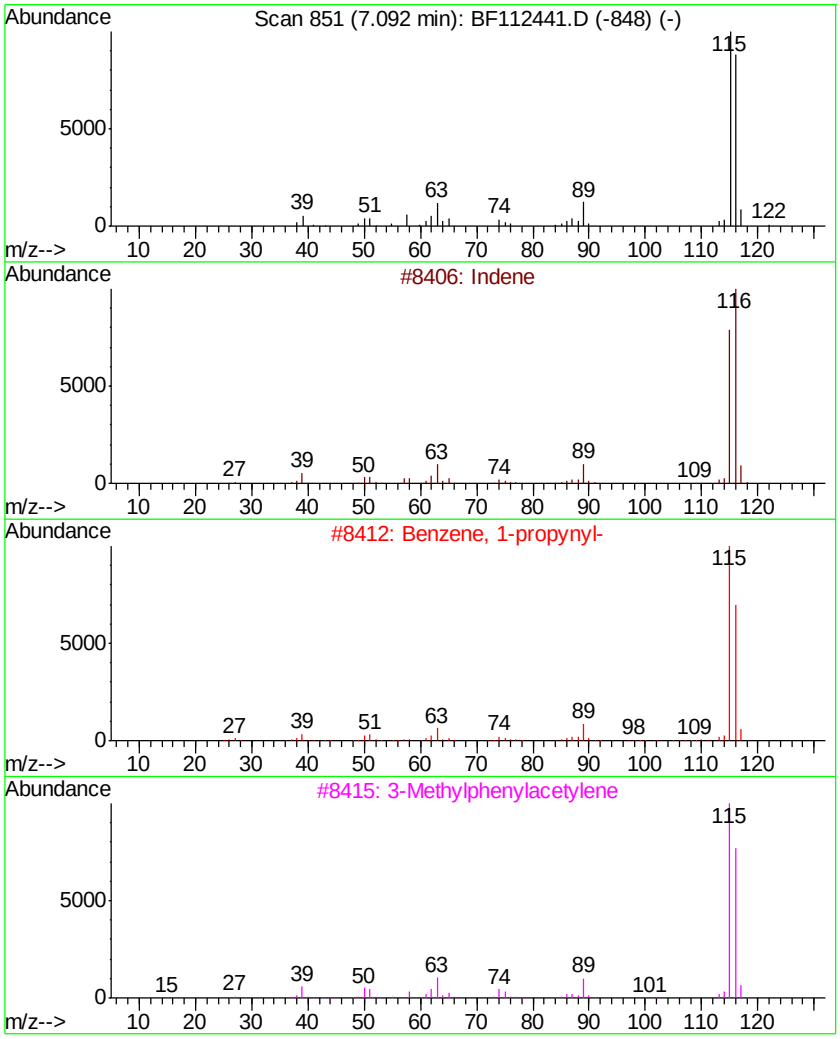
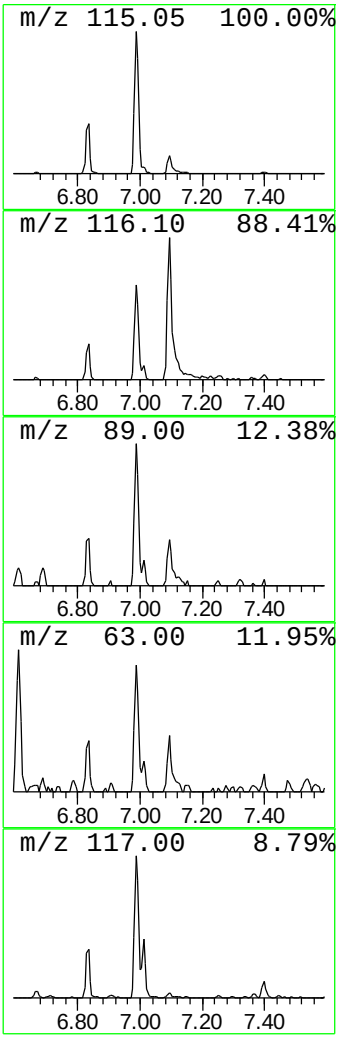
Peak Number 4 Indene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.66 ng	116375	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
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Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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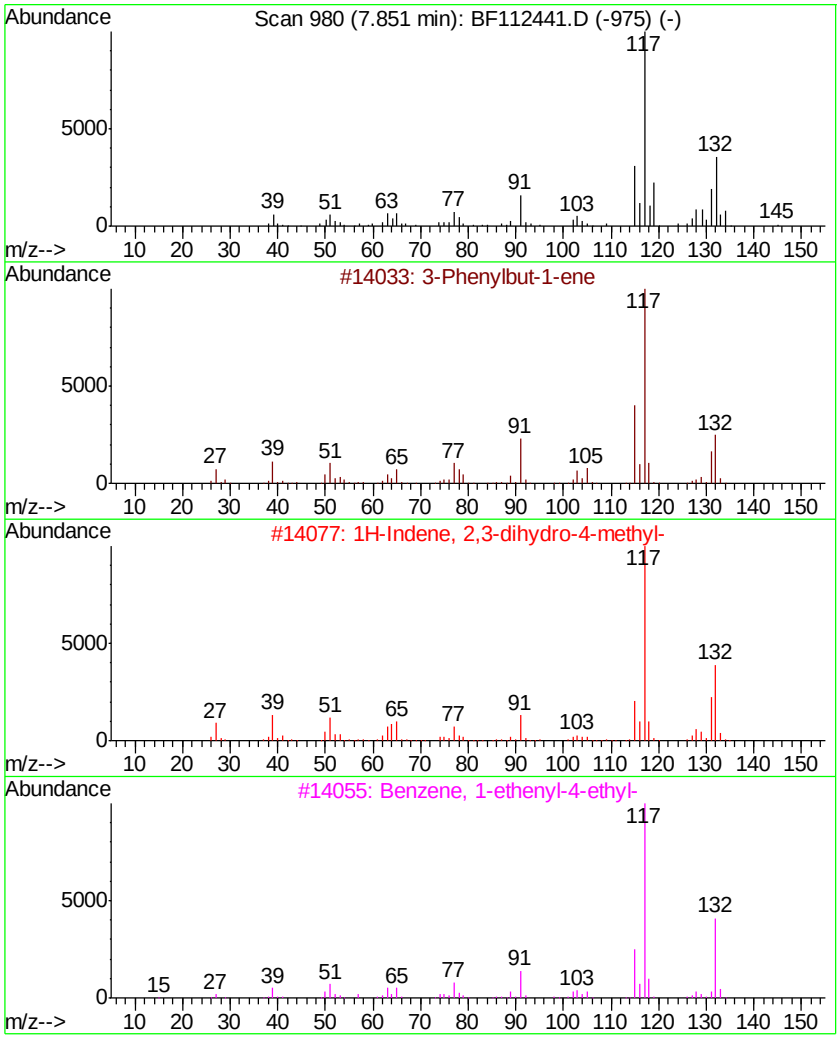
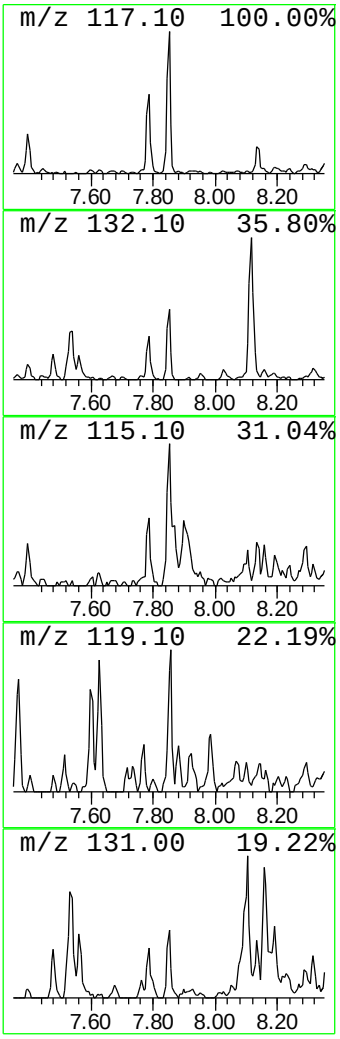
Peak Number 5 3-Phenylbut-1-ene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	2.68 ng	168729	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	74





Library Search Compound Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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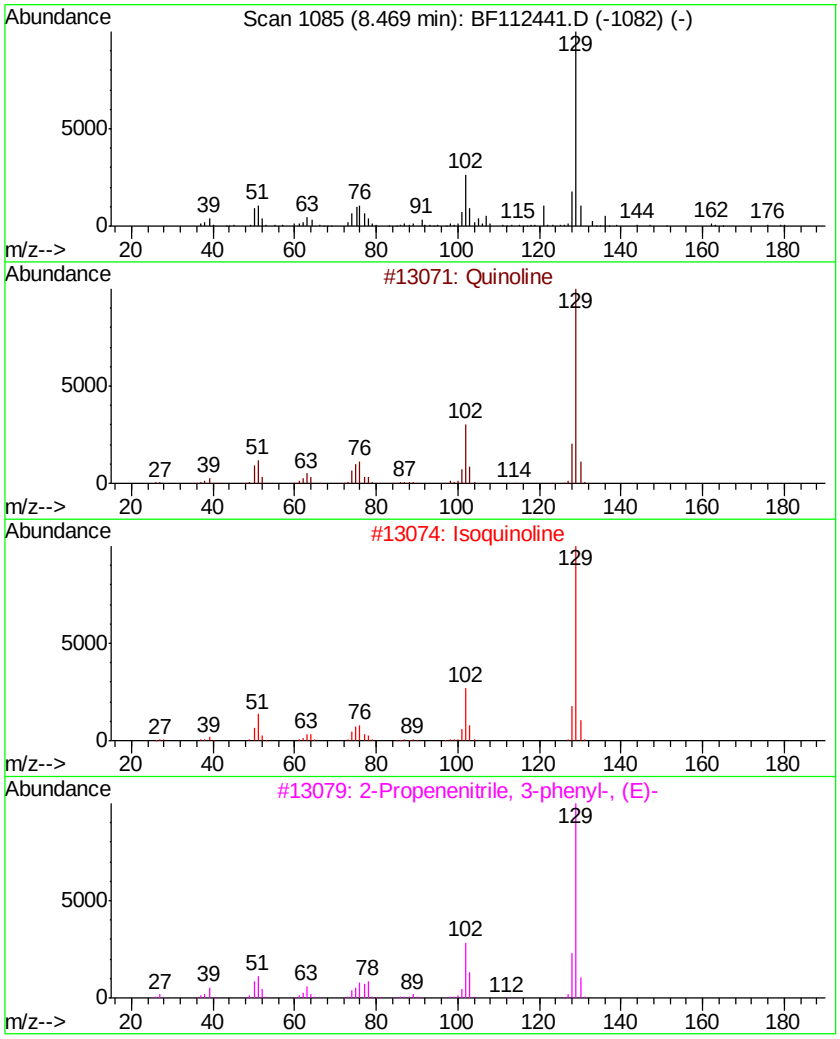
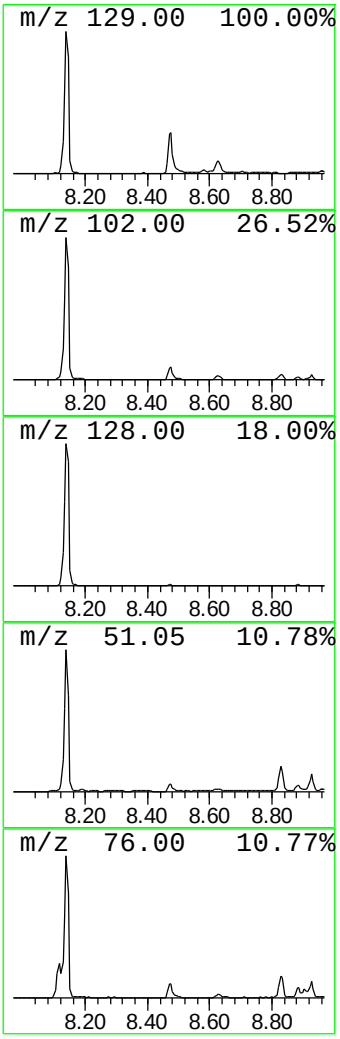
Peak Number 6 Quinoline Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	5.47 ng	344234	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	96
2	Isoquinoline	129	C9H7N	000119-65-3	93
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	81
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	81
5	1-Benzocyclobutenecarbonitrile	129	C9H7N	006809-91-2	62





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Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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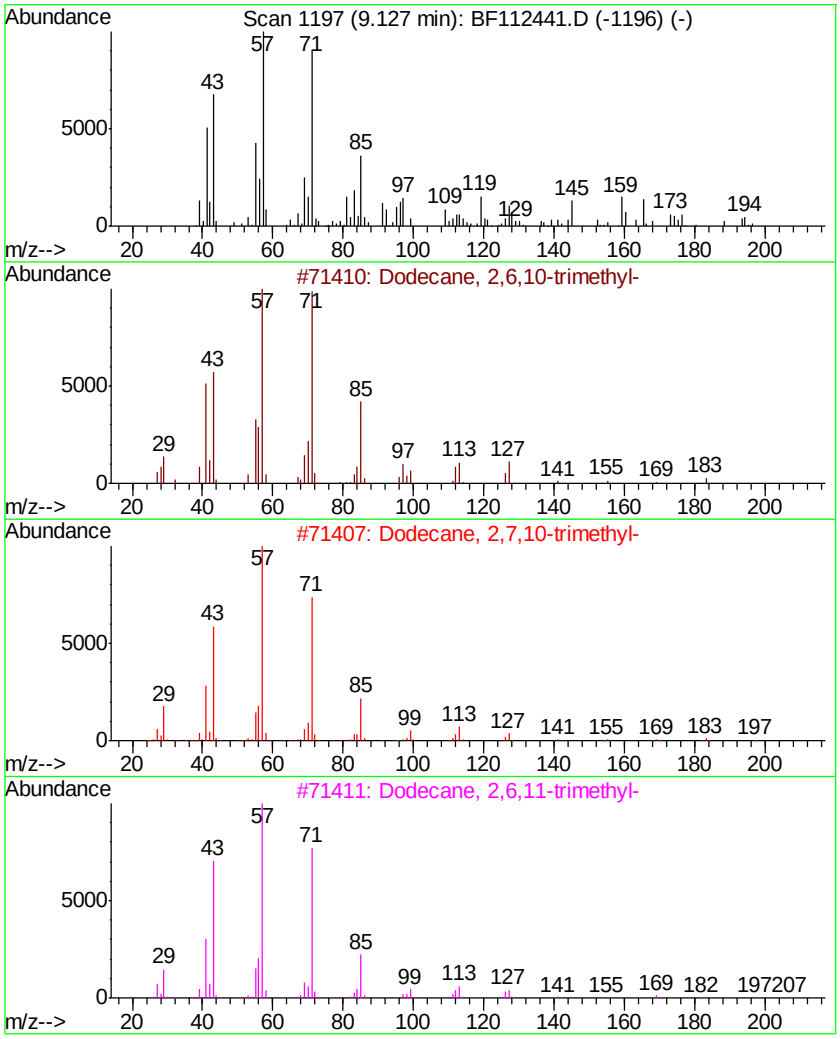
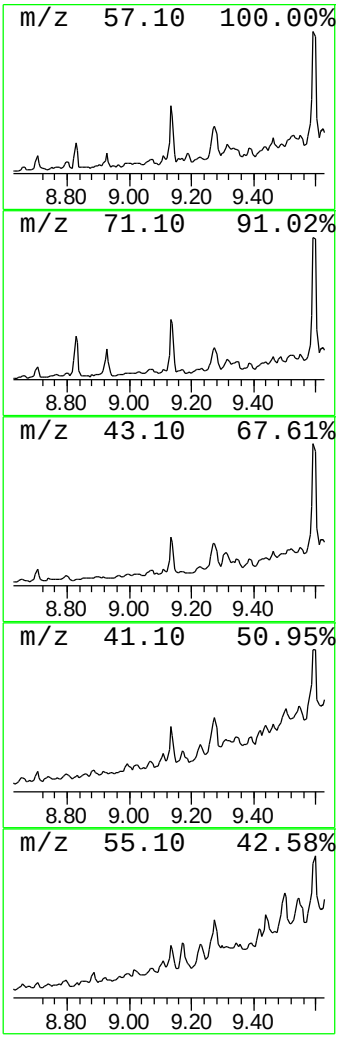
Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	5.61 ng	359972	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112441.D
Acq On : 7 Feb 2019 16:39
Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

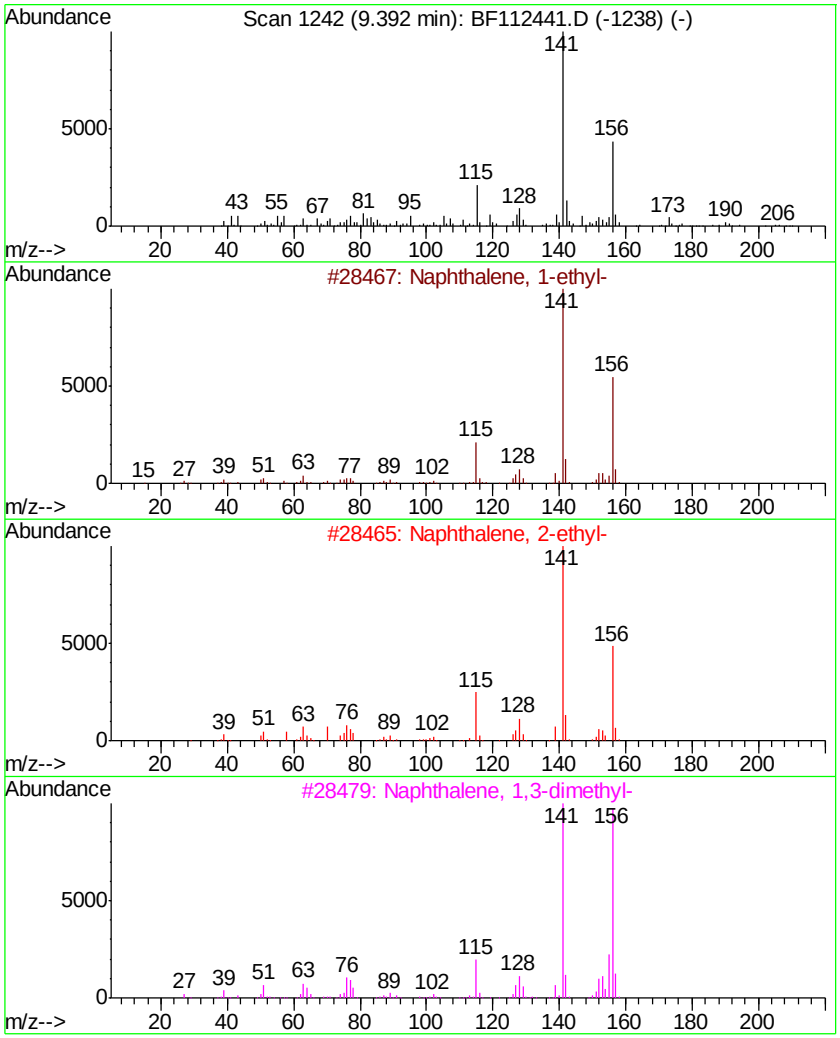
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

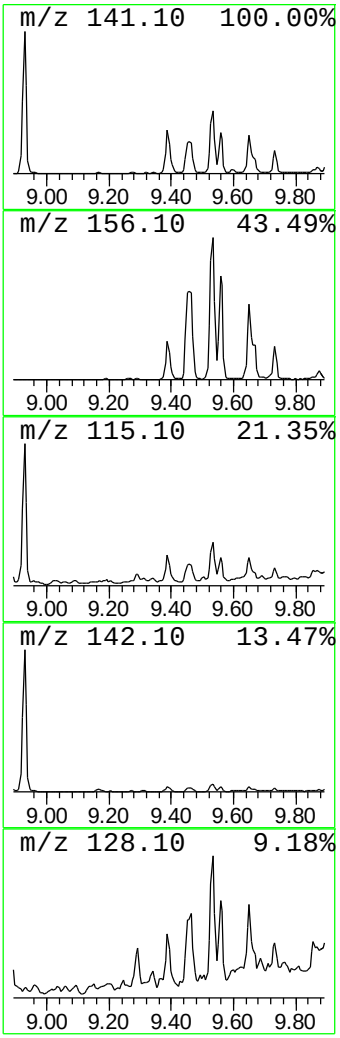
****

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	9.83 ng	630486	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59





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Acq On : 7 Feb 2019 16:39
Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

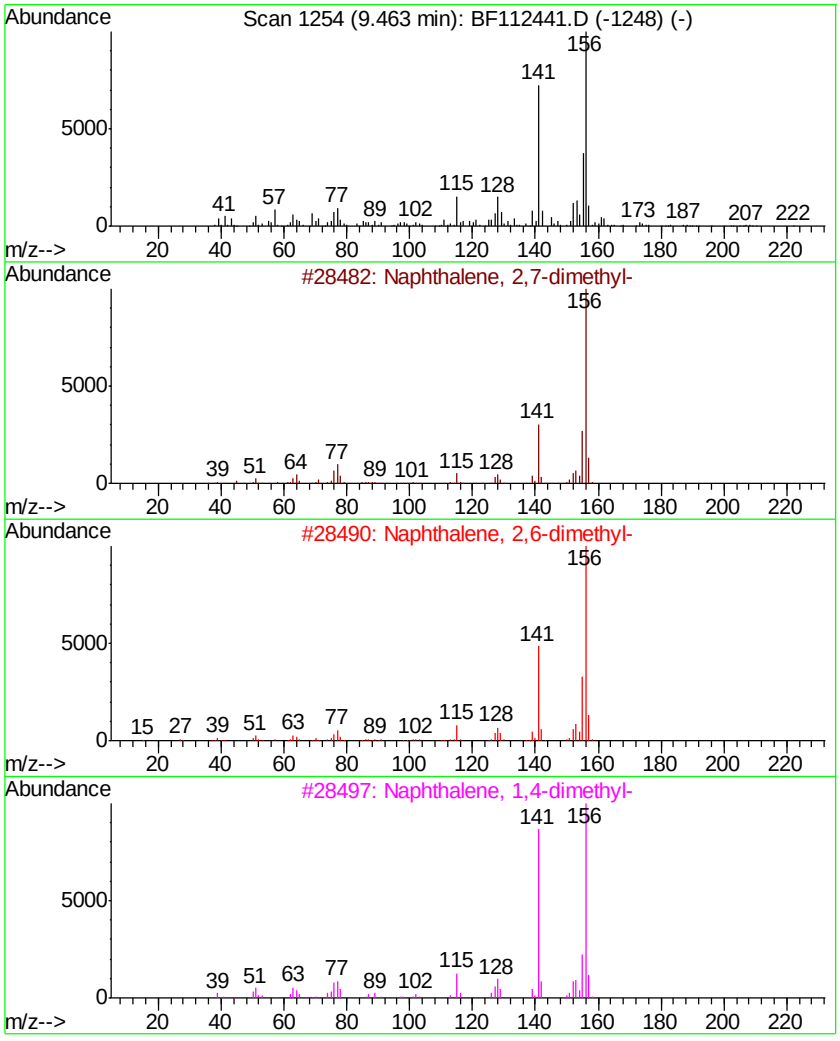
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

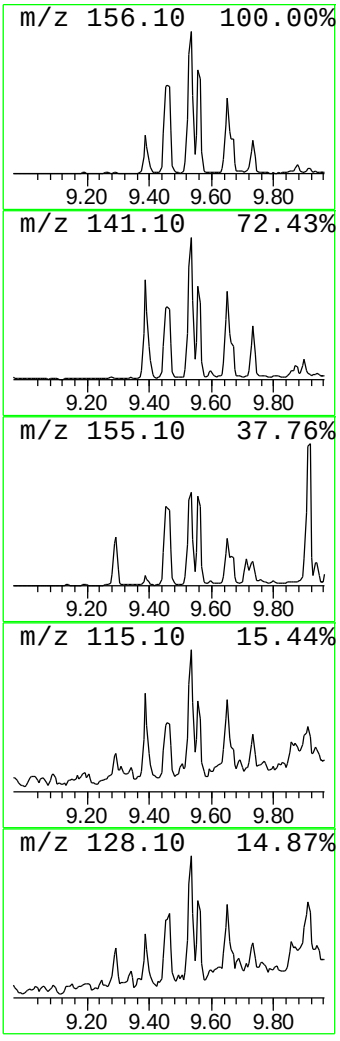
****

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	21.62 ng	1386900	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Operator : JU/SJ
Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

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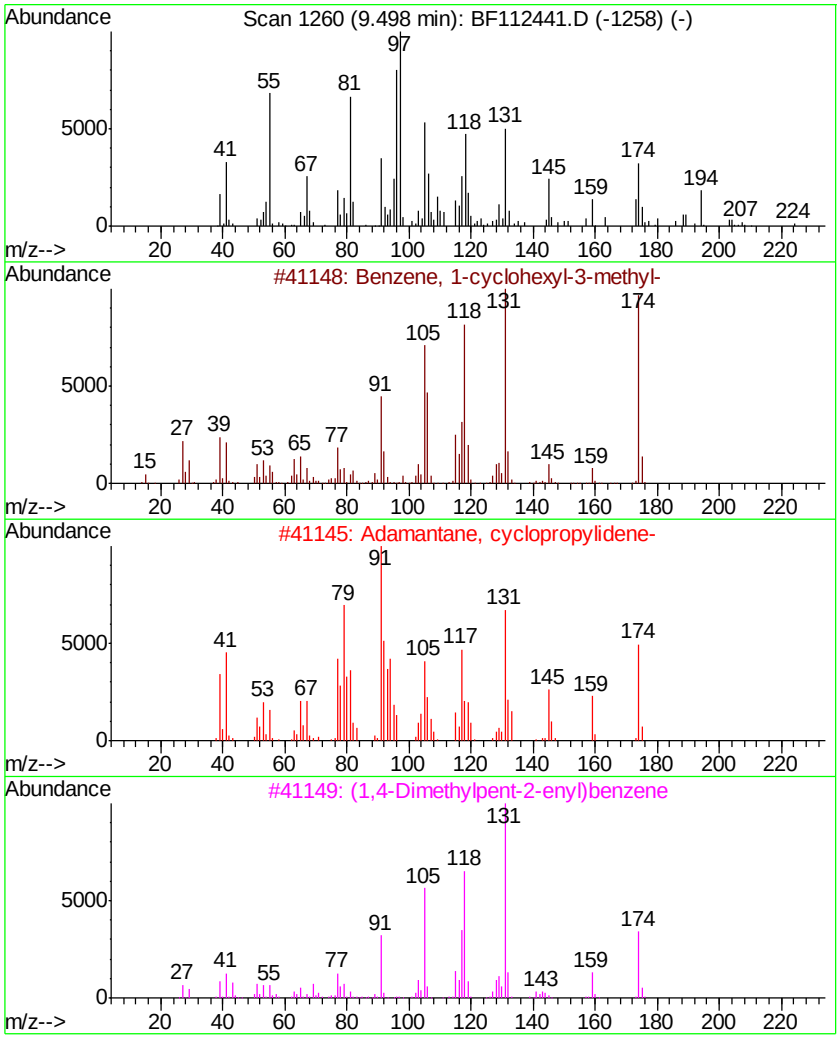
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

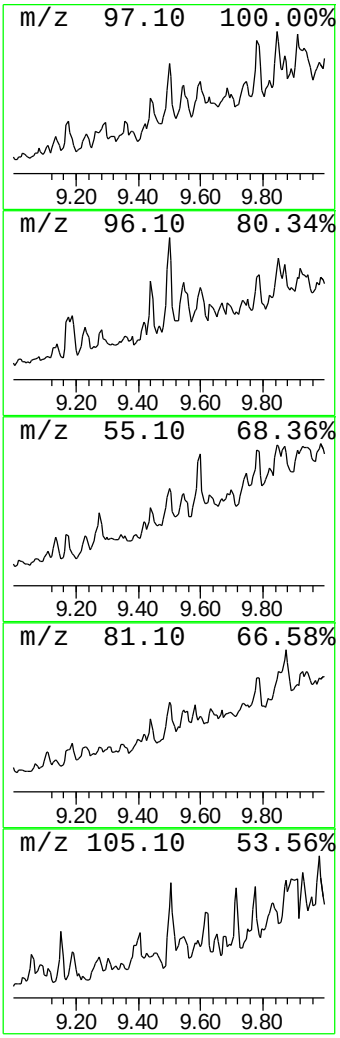
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-cyclohexyl-3-met... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	5.79 ng	371249	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	80
2	Adamantane, cyclopropylidene-	174	C13H18	099298-53-0	22
3	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	18
4	1-Cyclohexyl-2-cyclohexylidenethane	192	C14H24	059986-23-1	18
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	11





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Sample : K1401-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

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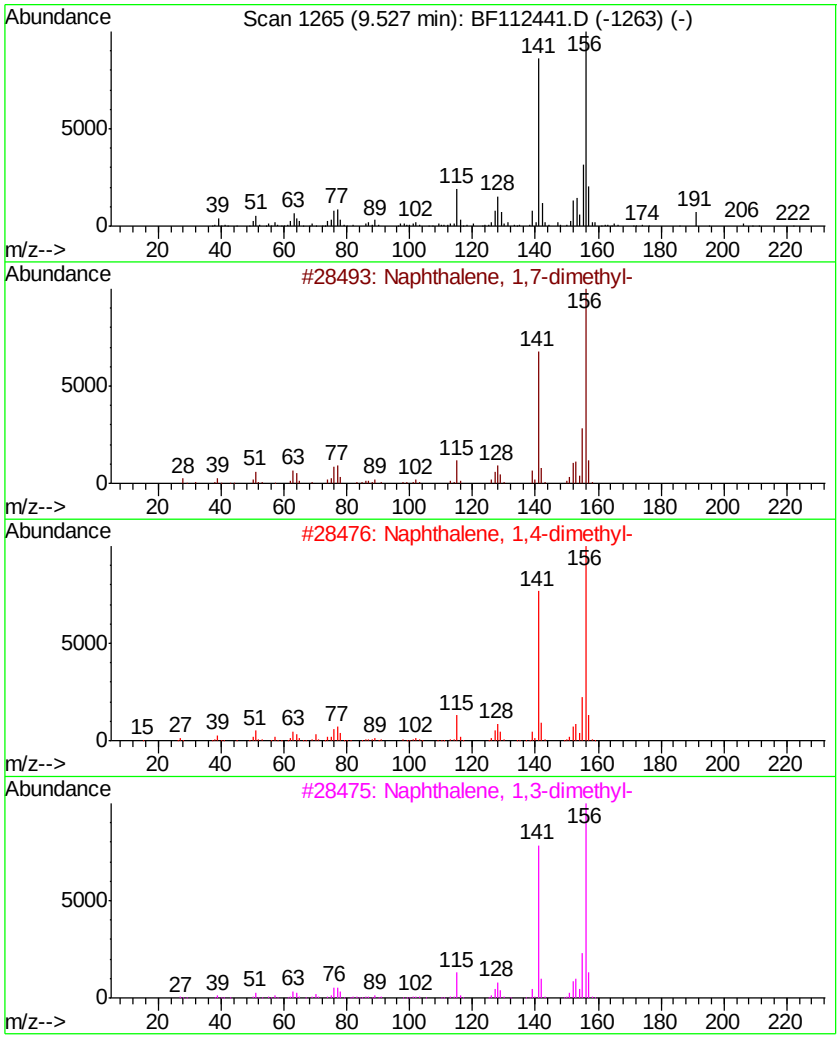
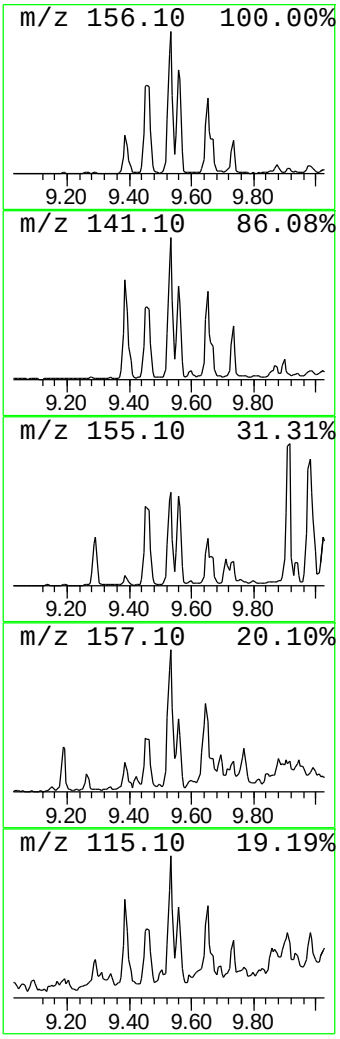
Peak Number 11 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	20.33 ng	1304660	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





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Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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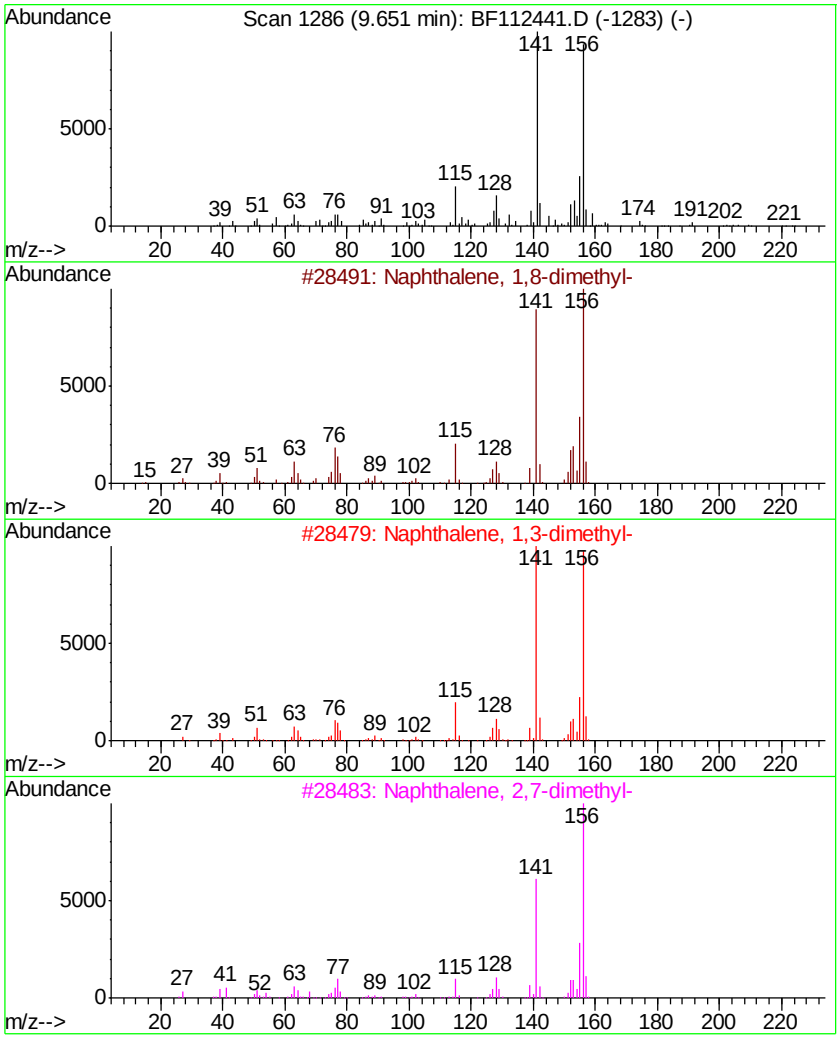
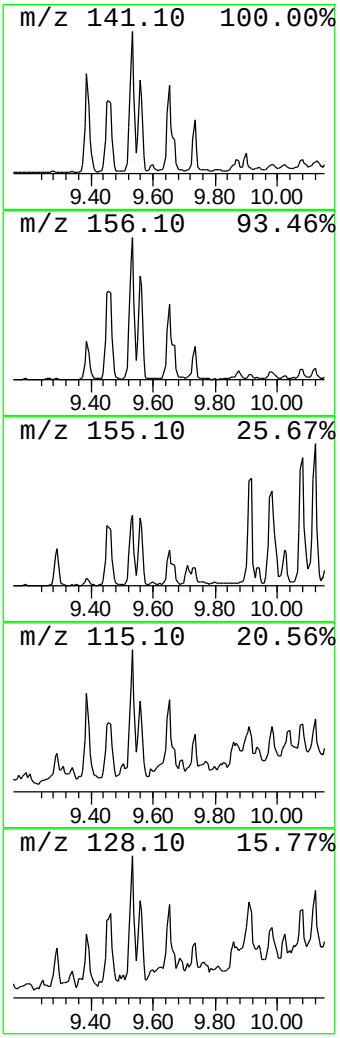
Peak Number 12 Naphthalene, 1,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	7.64 ng	490127	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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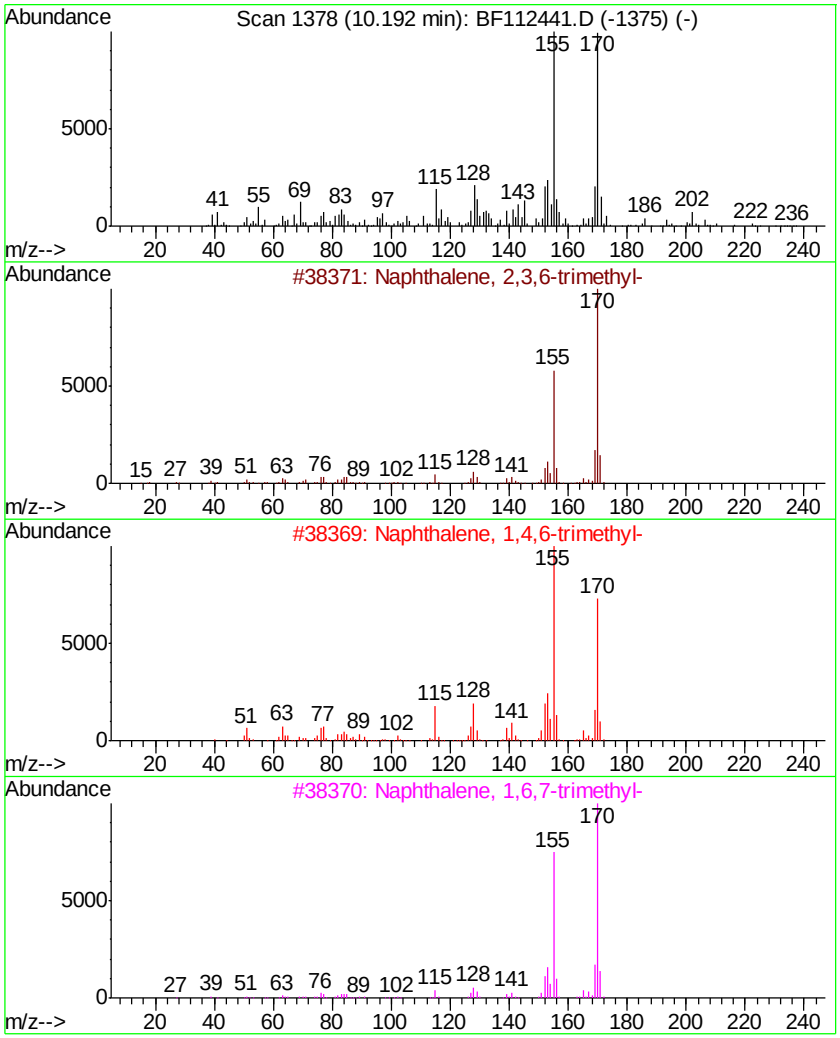
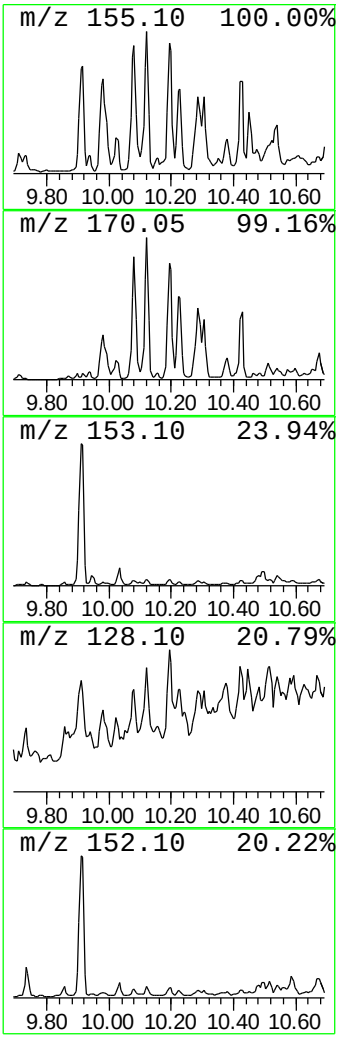
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	20.04 ng	1285530	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





Library Search Compound Report

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Sample : K1401-03
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ClientSampleId : RBR-200028

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

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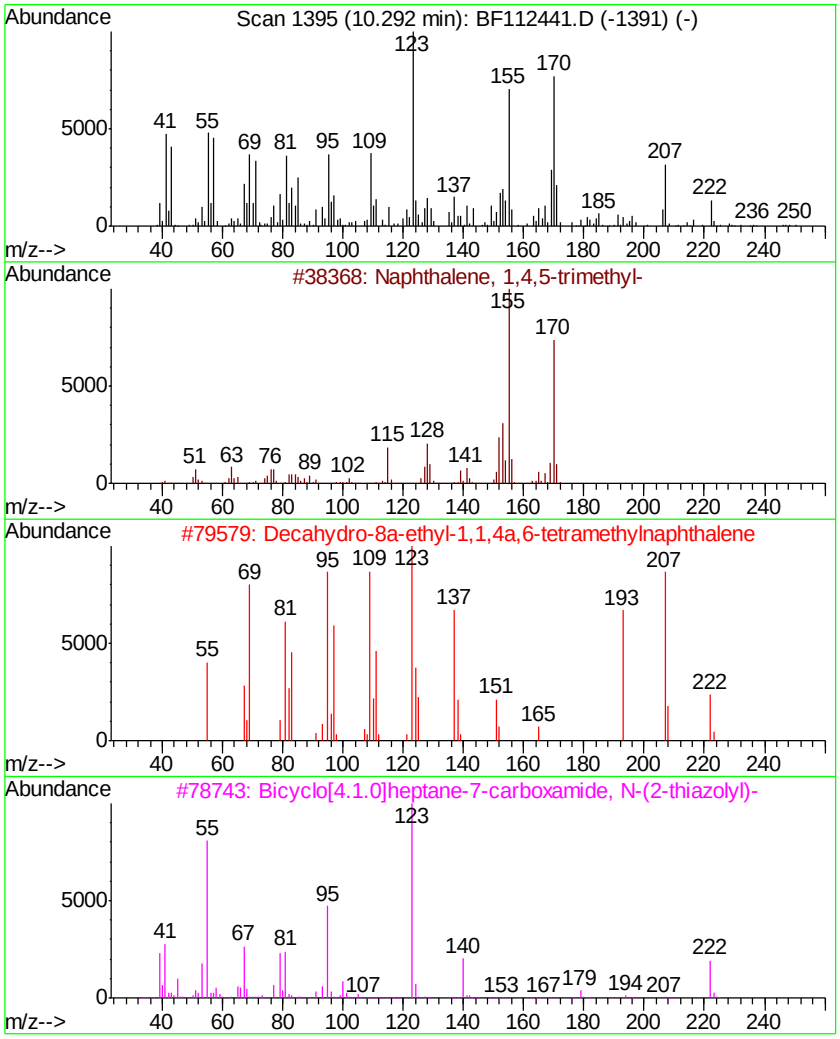
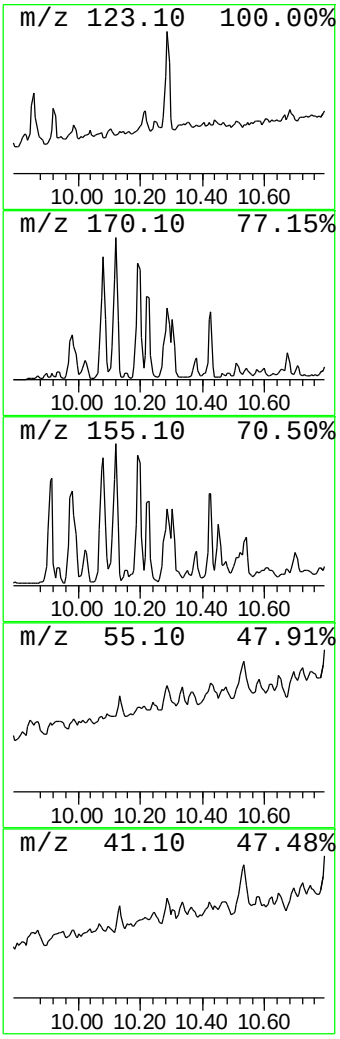
Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	19.51 ng	1251930	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
2	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	35
3	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	35
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	35





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Sample : K1401-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200028

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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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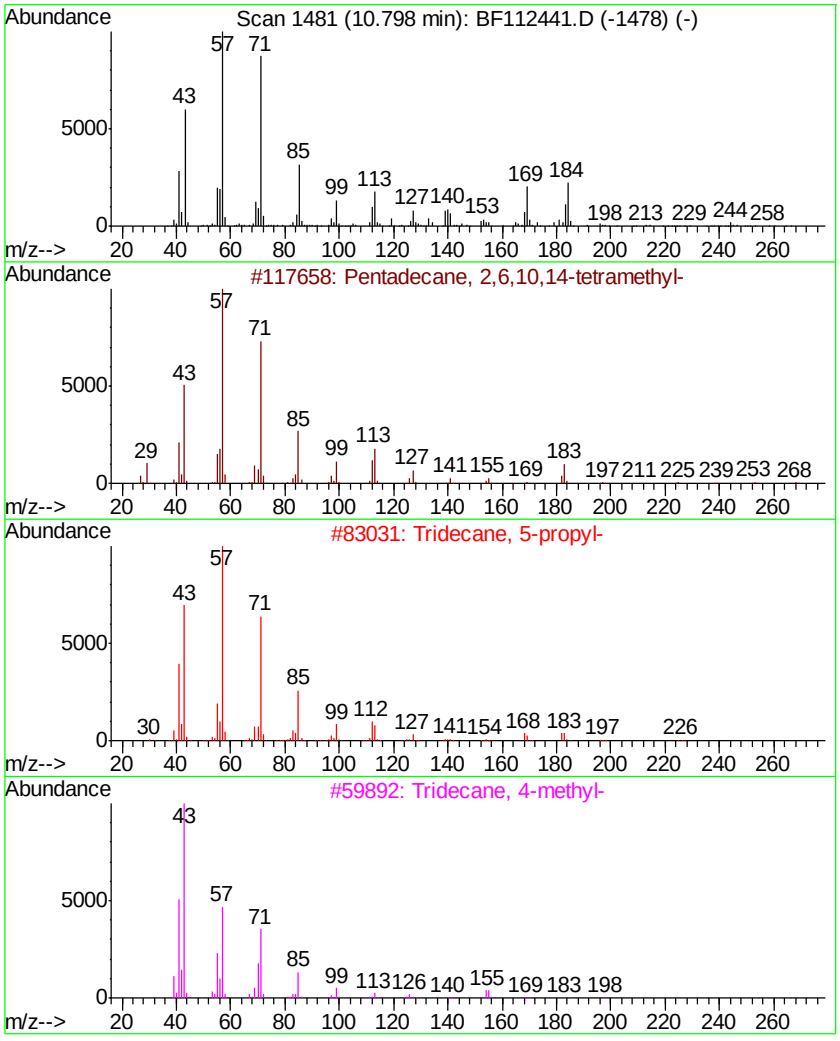
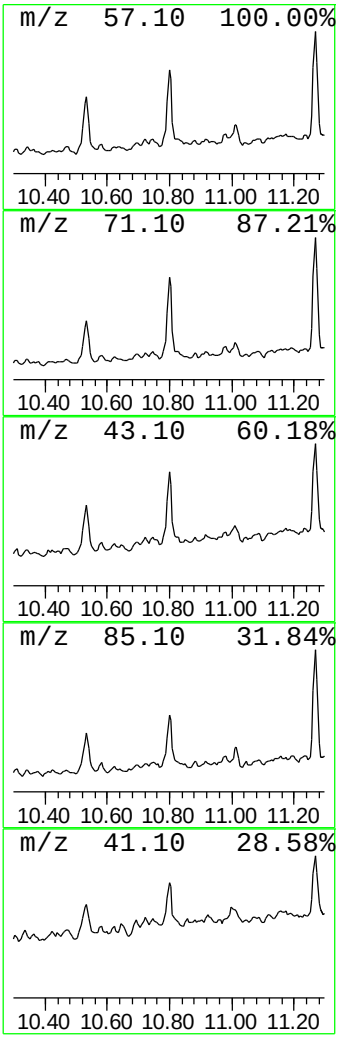
Peak Number 15 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	9.48 ng	2893940	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	62
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58





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ClientSampleId : RBR-200028

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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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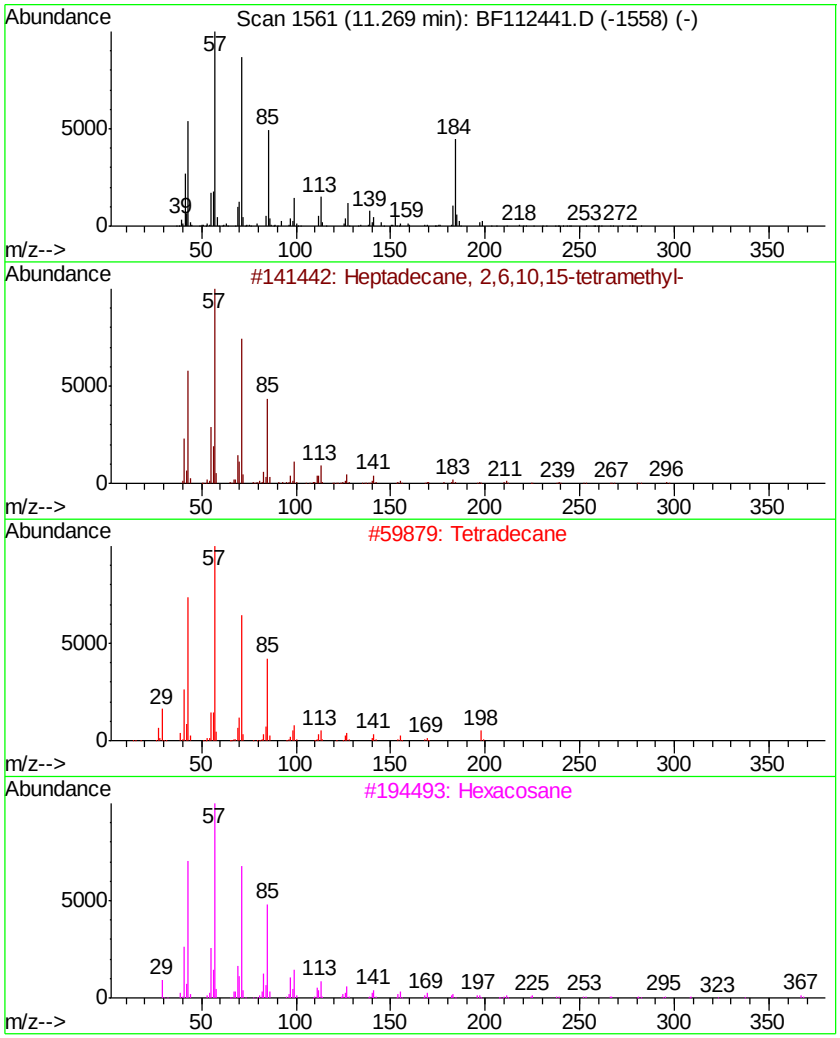
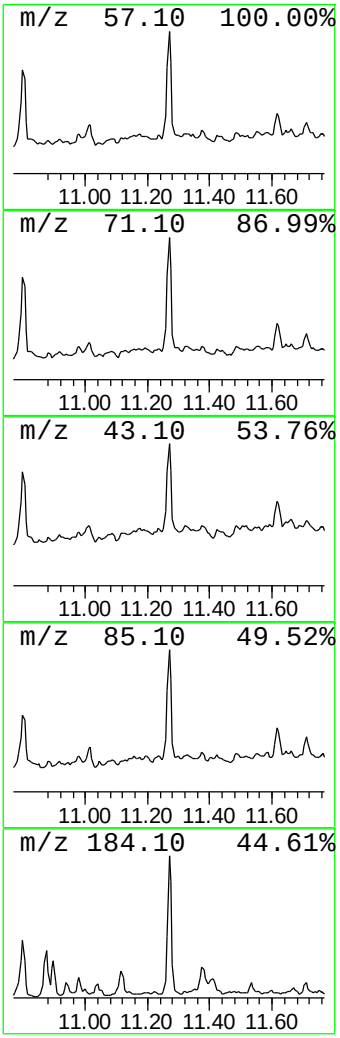
Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	9.95 ng	3038350	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2	Tetradecane	198	C14H30	000629-59-4	62
3	Hexacosane	366	C26H54	000630-01-3	59
4	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	53
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52





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

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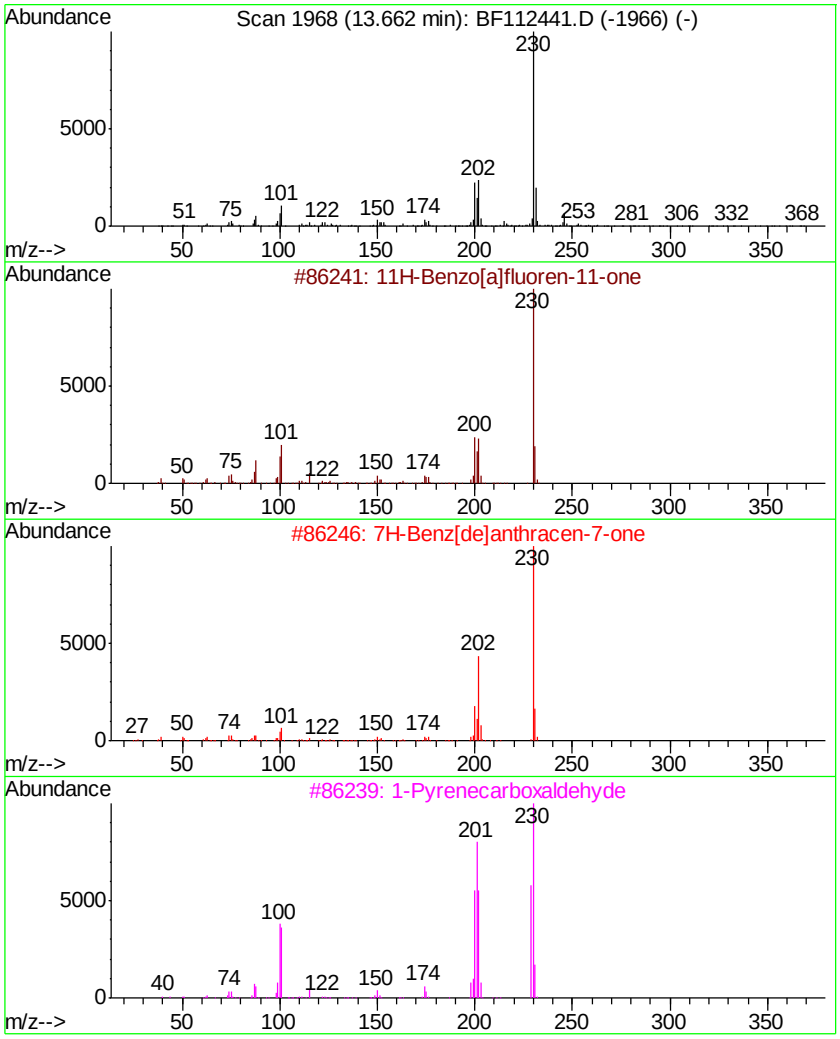
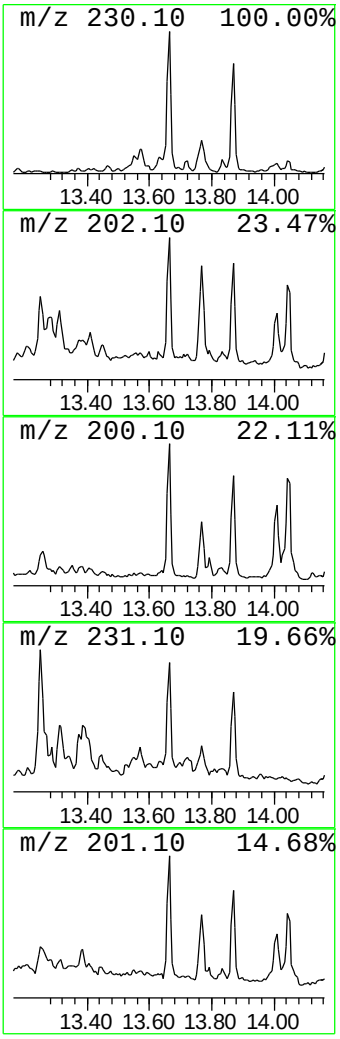
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	4.79 ng	743198	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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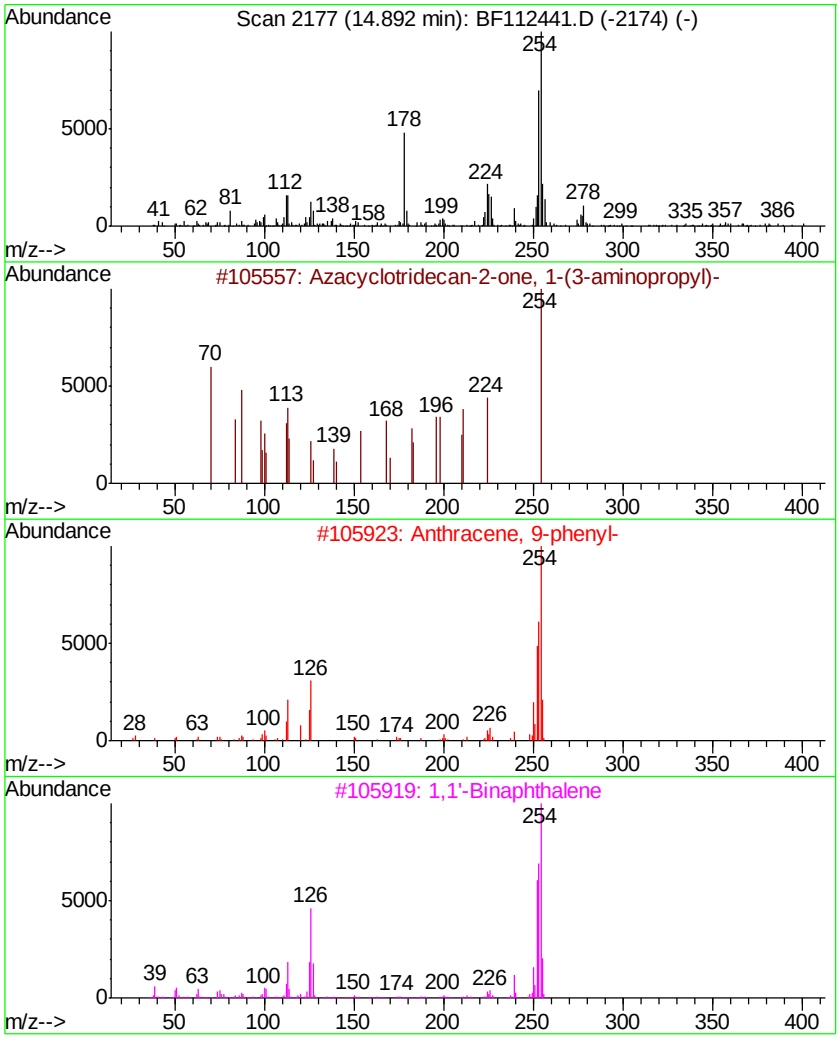
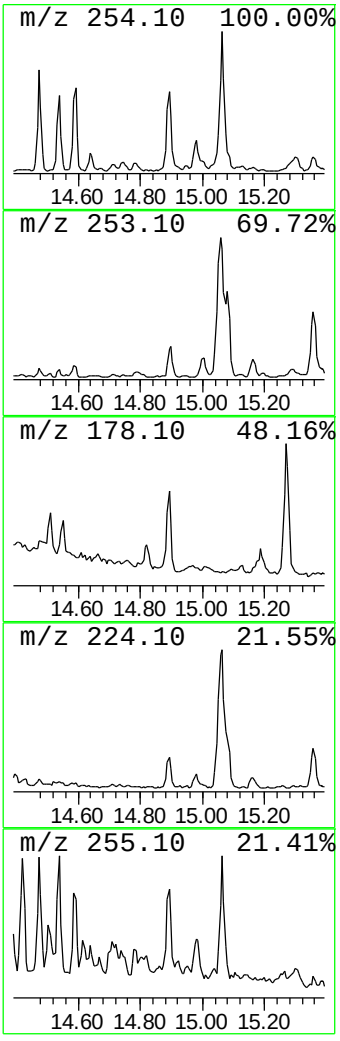
Peak Number 18 Azacyclotridecan-2-one, 1-(... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	6.68 ng	228732	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azacyclotridecan-2-one, 1-(3-ami...	254	C15H30N2O	064414-61-5	93
2	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	52
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	52
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	52
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	52





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TIC Library : C:\DATABASE\NIST11.L
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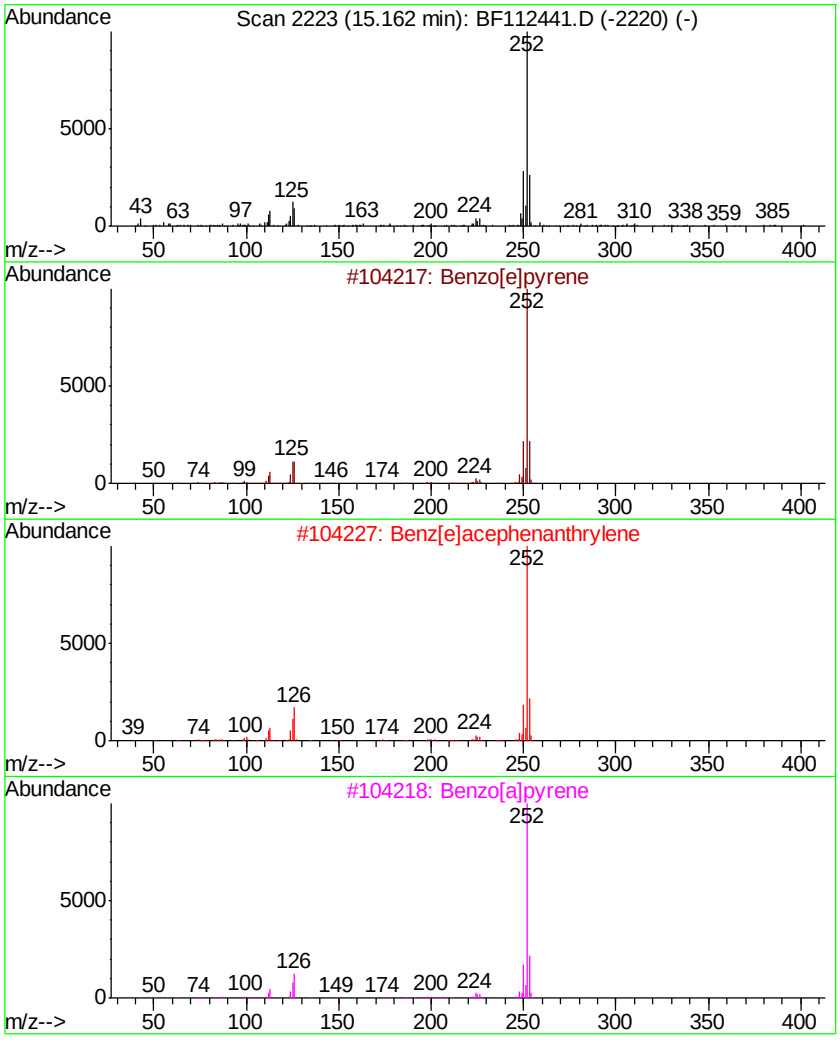
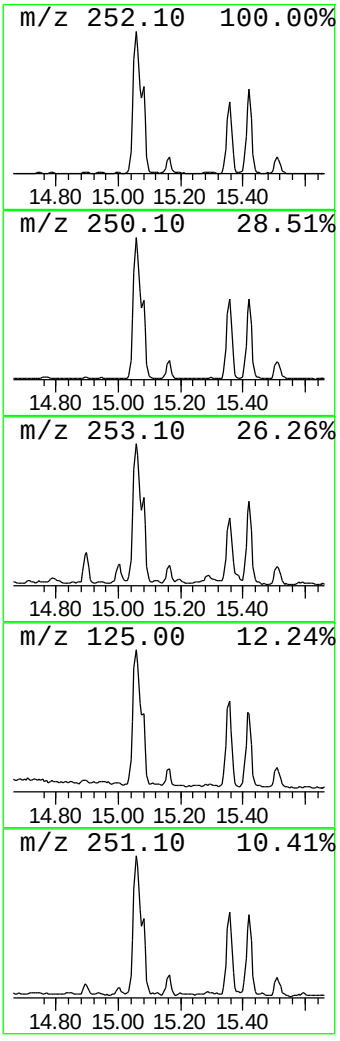
Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.24 ng	179419	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

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Data File : BF112441.D
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Operator : JU/SJ
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	3.1	ng	134014	1	6.83	875900	20.0
unknown6.61	6.61	68.5	ng	3001670	1	6.83	875900	20.0
Indene	7.09	2.7	ng	116375	1	6.83	875900	20.0
3-Phenylbut-1-ene	7.85	2.7	ng	168729	2	8.12	1259450	20.0
Quinoline	8.47	5.5	ng	344234	2	8.12	1259450	20.0
Dodecane, 2,6,10-...	9.13	5.6	ng	359972	3	9.87	1283240	20.0
Naphthalene, 1-et...	9.39	9.8	ng	630486	3	9.87	1283240	20.0
Naphthalene, 2,7-...	9.46	21.6	ng	1386900	3	9.87	1283240	20.0
Benzene, 1-cycloh...	9.50	5.8	ng	371249	3	9.87	1283240	20.0
Naphthalene, 1,7-...	9.53	20.3	ng	1304660	3	9.87	1283240	20.0
Naphthalene, 1,8-...	9.65	7.6	ng	490127	3	9.87	1283240	20.0
Naphthalene, 2,3,...	10.19	20.0	ng	1285530	3	9.87	1283240	20.0
Naphthalene, 1,4,...	10.29	19.5	ng	1251930	3	9.87	1283240	20.0
Pentadecane, 2,6,...	10.80	9.5	ng	2893940	4	11.37	6107440	20.0
Heptadecane, 2,6,...	11.27	9.9	ng	3038350	4	11.37	6107440	20.0
11H-Benzo[a]fluor...	13.66	4.8	ng	743198	5	14.02	3101590	20.0
Azacyclotridecan-...	14.89	6.7	ng	228732	6	15.48	685030	20.0
Benzo[e]pyrene	15.16	5.2	ng	179419	6	15.48	685030	20.0