LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	5.093	508	511	520	rBV2	25170	57980	1.53%	0.142%
2	5.493	576	579	605	rBV	622291	1795486	47.37%	4.408%
3	6.510	749	752	769	rBV	394512	1076715	28.41%	2.643%
4	6.634	769	773	795	rVV	2371406	3551135	93.69%	8.718%
5	6.787	796	799	800	rVV	66982	80124	2.11%	0.197%
6	6.798	800	801	806	rVV	85825	92914	2.45%	0.228%
7	6.857	808	811	833	rVV	567855	940544	24.82%	2.309%
8	7.010	833	837	849	rVV	2612650	3054374	80.59%	7.498%
9	7.098	849	852	861	rVV	98162	196009	5.17%	0.481%
10	7.169	861	864	866	rVV	69095	87428	2.31%	0.215%
11	7.187	866	867	873	rVV	63879	65925	1.74%	0.162%
12	7.239	873	876	882	rVB2	41956	50662	1.34%	0.124%
13	7.381	895	900	903	rBV4	33181	43659	1.15%	0.107%
14	7.428	903	908	916	rBV	2036622	2587509	68.27%	6.352%
15	7.487	916	918	924	rVV2	148298	200086	5.28%	0.491%
16	7.534	924	926	928	rVB	55484	44162	1.17%	0.108%
17	7.622	938	941	944	rVB	76762	74449	1.96%	0.183%
18	7.734	956	960	964	rBV2	38825	58468	1.54%	0.144%
19	7.781	964	968	971	rVB2	81913	74493	1.97%	0.183%
20	7.816	971	974	978	rVB	63895	66927	1.77%	0.164%
21	7.875	978	984	986	rBV2	175358	193595	5.11%	0.475%
22	7.945	992	996	998	rBV3	40058	45987	1.21%	0.113%
23	8.069	1012	1017	1019	rBV3	59236	69055	1.82%	0.170%
24	8.122	1019	1026	1027	rVV	204643	258559	6.82%	0.635%
25	8.139	1027	1029	1033	rVV	922651	1061598	28.01%	2.606%
26	8.175	1033	1035	1039	rVB	274245	271144	7.15%	0.666%
27	8.257	1045	1049	1051	rVB2	50643	54063	1.43%	0.133%
28	8.281	1051	1053	1059	rVB3	59099	68950	1.82%	0.169%
29	8.381	1066	1070	1071	rBV2	35649	41271	1.09%	0.101%
30	8.410	1073	1075	1080	rVB3	113512	141114	3.72%	0.346%
31	8.516	1089	1093	1099	rVB	198818	201782	5.32%	0.495%
32	8.569	1099	1102	1105	rBV2	140108	229184	6.05%	0.563%
33	8.598	1105	1107	1112	rVV	235665	277236	7.31%	0.681%
34	8.639	1112	1114	1119	rVV3	109517	148544	3.92%	0.365%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.692	1119	1123	1126	rVB2	97648	107449	2.83%	0.264%
36	8.722	1126	1128	1132	rBV2	109639	132761	3.50%	0.326%
37	8.763	1132	1135	1136	rBV3	54562	49136	1.30%	0.121%
38	8.822	1143	1145	1149	rVB2	109666	99238	2.62%	0.244%
39	8.928	1158	1163	1165	rBV3	66198	73509	1.94%	0.180%
40	8.957	1165	1168	1170	rVV	196755	222588	5.87%	0.546%
41	8.975	1170	1171	1177	rVB	161448	128039	3.38%	0.314%
42	9.039	1177	1182	1183	rBV3	61532	80591	2.13%	0.198%
43	9.075	1187	1188	1191	rVB	73879	56325	1.49%	0.138%
44	9.116	1191	1195	1198	rVB4	40353	57220	1.51%	0.140%
45	9.175	1198	1205	1206	rBV5	40450	71763	1.89%	0.176%
46	9.216	1207	1212	1219	rBV	3546831	3790112	100.00%	9.305%
47	9.322	1228	1230	1233	rBV3	28541	39619	1.05%	0.097%
48	9.357	1233	1236	1239	rVB	134378	128263	3.38%	0.315%
49	9.392	1239	1242	1243	rBV2	56877	49846	1.32%	0.122%
50	9.422	1243	1247	1253	rVB	313145	431745	11.39%	1.060%
51	9.486	1253	1258	1265	rBV	458058	654806	17.28%	1.608%
52	9.557	1265	1270	1273	rBV	506954	607223	16.02%	1.491%
53	9.586	1273	1275	1284	rVB5	218863	331712	8.75%	0.814%
54	9.675	1284	1290	1291	rBV	343302	365344	9.64%	0.897%
55	9.757	1301	1304	1311	rVB	468103	453910	11.98%	1.114%
56	9.810	1311	1313	1318	rVB2	40367	47039	1.24%	0.115%
57	9.898	1320	1328	1332	rBV	1210455	1418830	37.44%	3.483%
58	9.933	1332	1334	1336	rVB2	151596	121653	3.21%	0.299%
59	10.004	1342	1346	1349	rBV	178750	246322	6.50%	0.605%
60	10.039	1350	1352	1358	rVB3	93462	118549	3.13%	0.291%
61	10.098	1358	1362	1366	rBV4	219363	318376	8.40%	0.782%
62	10.139	1366	1369	1372	rVB	257369	251283	6.63%	0.617%
63	10.175	1372	1375	1378	rVB2	50792	59938	1.58%	0.147%
64	10.210	1378	1381	1385	rBV	299774	338160	8.92%	0.830%
65	10.245	1385	1387	1390	rVB	83059	76133	2.01%	0.187%
66	10.304	1390	1397	1399	rBV4	196429	340452	8.98%	0.836%
67	10.392	1409	1412	1415	rVB2	70284	68659	1.81%	0.169%
68	10.451	1417	1422	1427	rVV3	231002	375631	9.91%	0.922%
69	10.516	1427	1433	1438	rVV2	317215	513722	13.55%	1.261%
70	10.557	1438	1440	1443	rVV2	69208	82960	2.19%	0.204%
71	10.586	1443	1445	1447	rVV	82370	101957	2.69%	0.250%

LSC Area Percent Report

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Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.610	1447	1449	1452	rVB	93983	89853	2.37%	0.221%
73	10.698	1460	1464	1476	rBV	1926101	2499207	65.94%	6.136%
74	10.786	1476	1479	1482	rVV4	49686	64536	1.70%	0.158%
75	10.886	1492	1496	1498	rBV	56977	61610	1.63%	0.151%
76	10.992	1509	1514	1517	rBV2	84685	144019	3.80%	0.354%
77	11.027	1517	1520	1527	rVV2	249618	337480	8.90%	0.829%
78	11.080	1527	1529	1532	rVV2	50970	47111	1.24%	0.116%
79	11.133	1535	1538	1539	rVV2	68442	75277	1.99%	0.185%
80	11.151	1539	1541	1545	rVB	58645	53498	1.41%	0.131%
81	11.292	1563	1565	1569	rVB	101288	98113	2.59%	0.241%
82	11.398	1579	1583	1595	rBV	1047893	1314911	34.69%	3.228%
83	11.727	1634	1639	1643	rBV3	49487	73877	1.95%	0.181%
84	11.816	1651	1654	1660	rVB3	18544	39174	1.03%	0.096%
85	11.904	1665	1669	1672	rBV2	197040	228822	6.04%	0.562%
86	12.616	1785	1790	1796	rBV8	22185	45701	1.21%	0.112%
87	12.692	1799	1803	1810	rBV	142425	183609	4.84%	0.451%
88	12.986	1847	1853	1863	rBV	2855287	3483682	91.92%	8.552%
89	13.857	1998	2001	2006	rBV2	52210	62496	1.65%	0.153%
90	14.057	2031	2035	2046	rBV	1022240	1136426	29.98%	2.790%
91	15.568	2287	2292	2303	rBV	623399	1021769	26.96%	2.508%

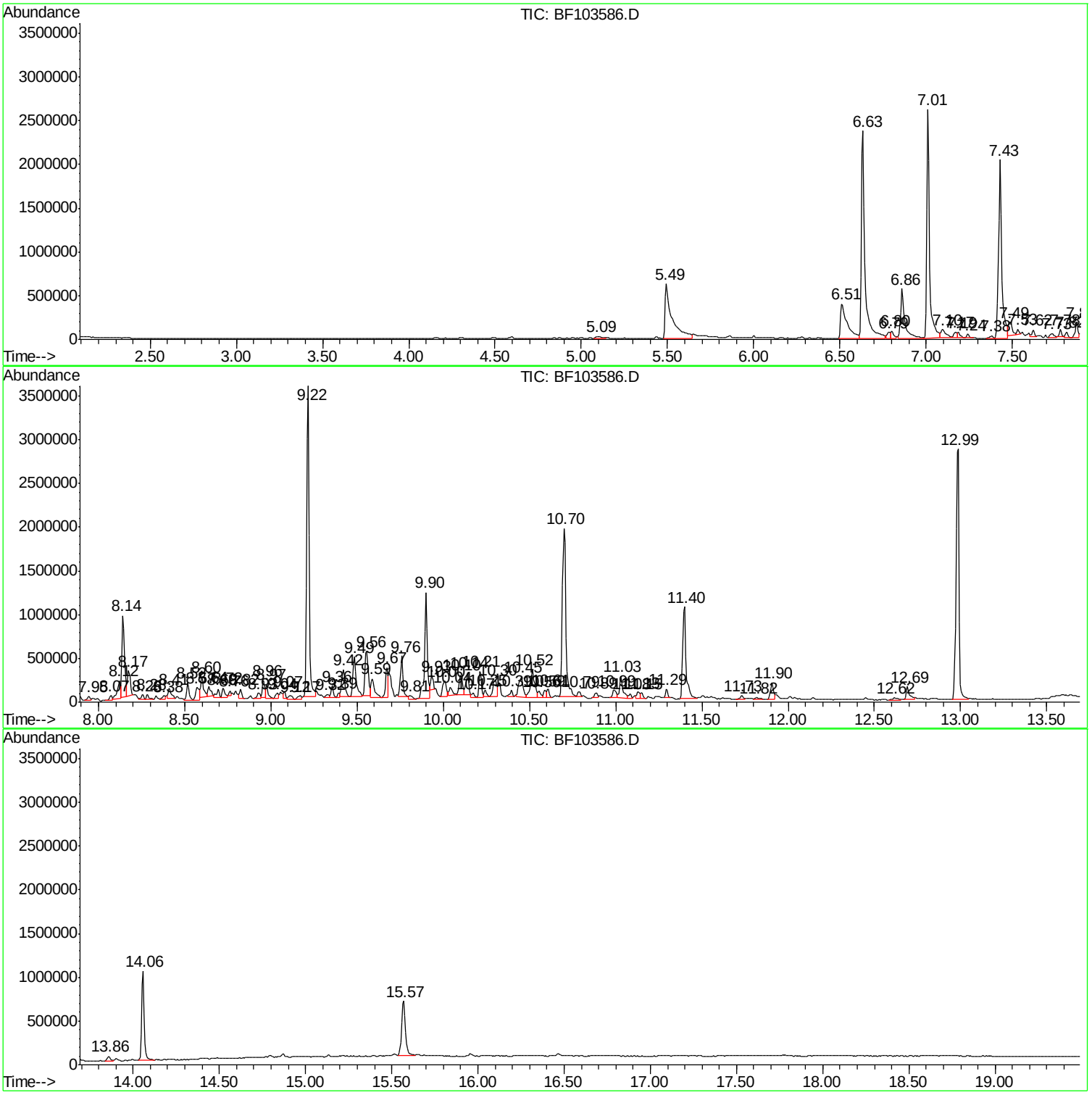
Sum of corrected areas: 40733165

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

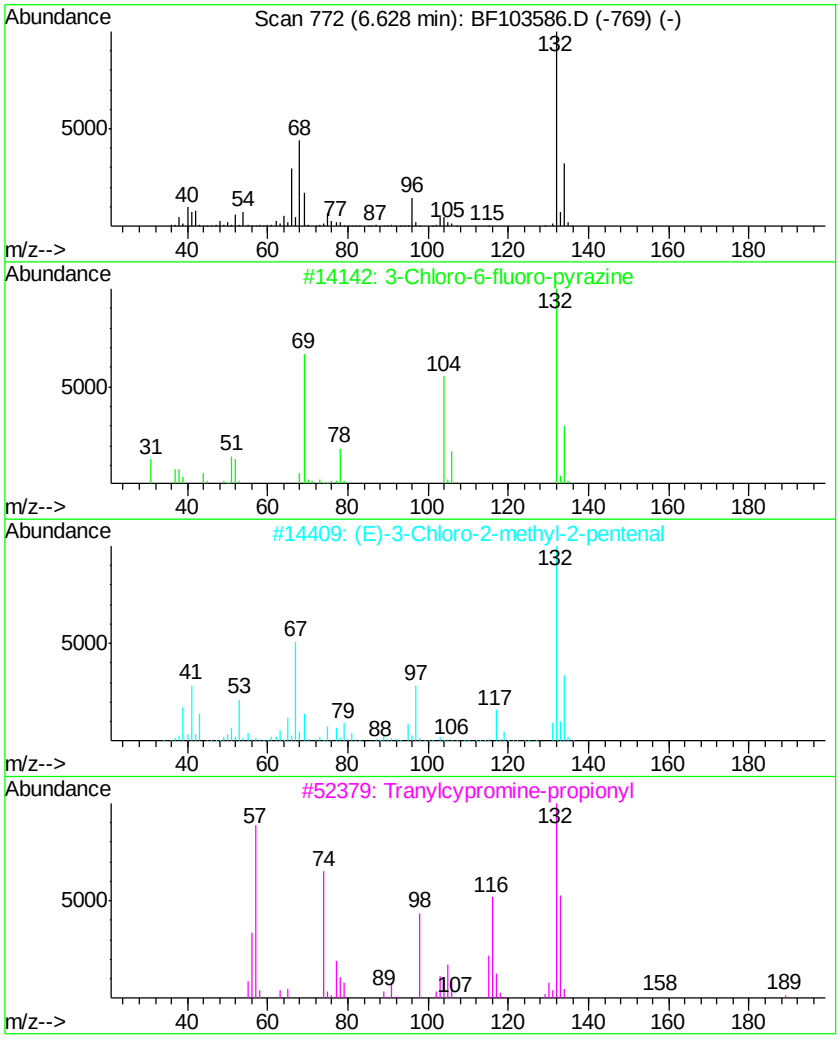
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

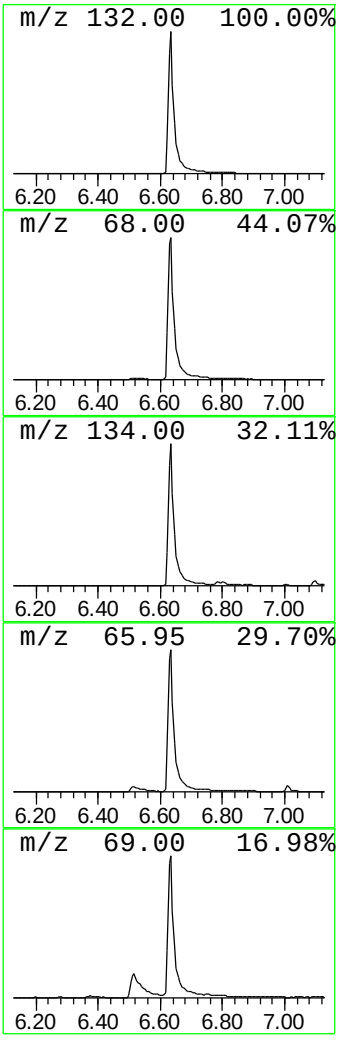
****

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	75.51 ng	3551140	1,4-Dichlorobenzene-d4	6.86

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	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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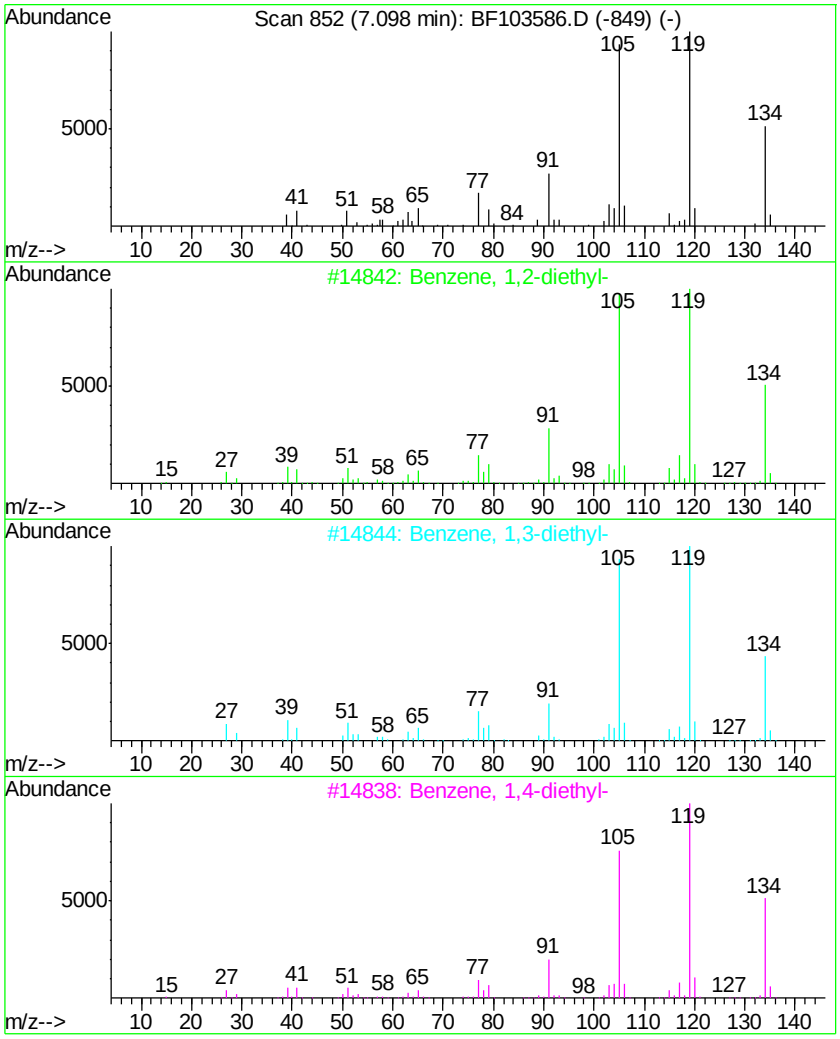
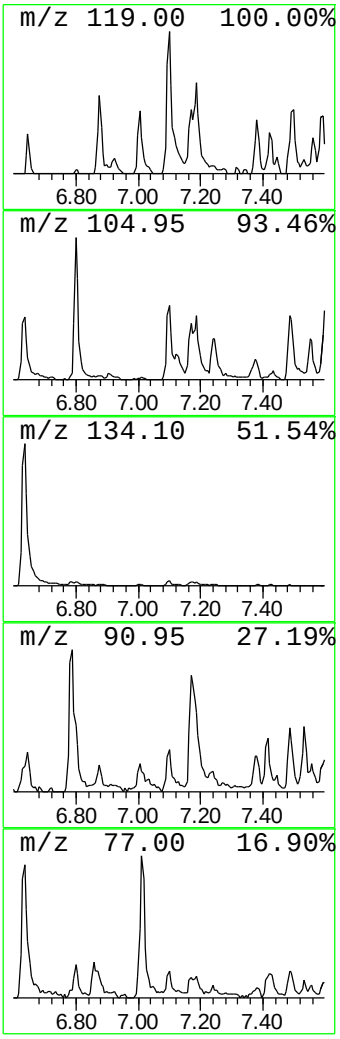
Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	4.17 ng	196009	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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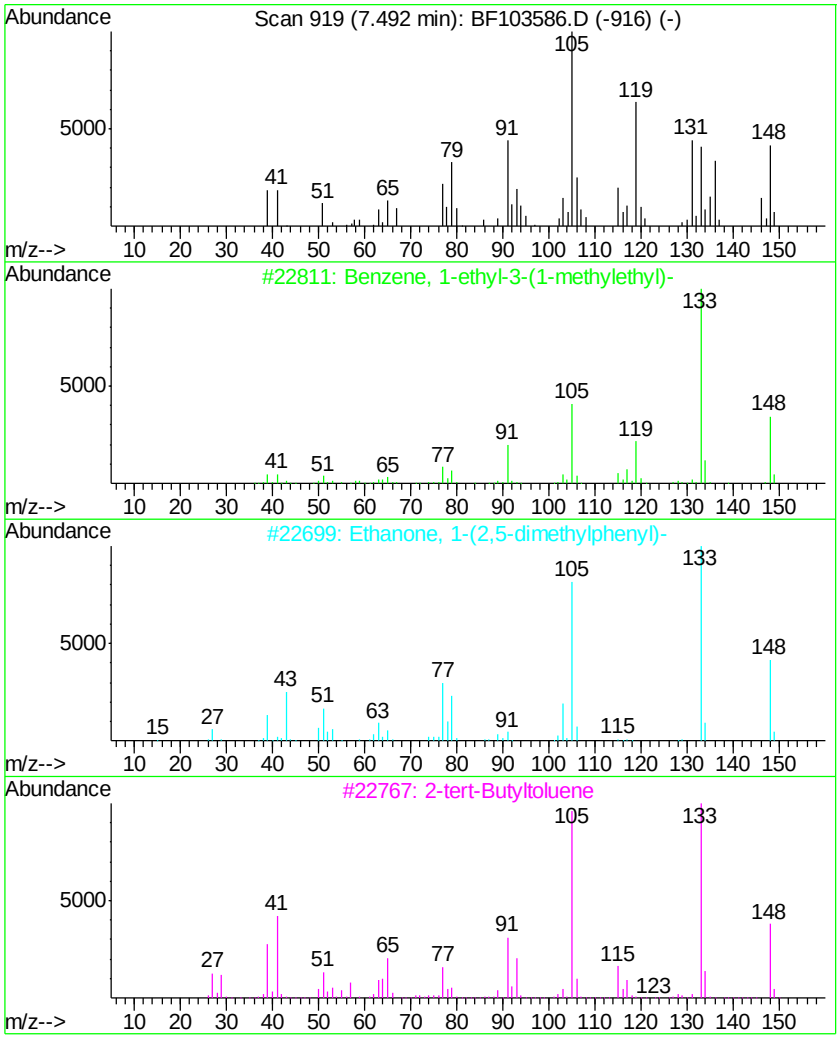
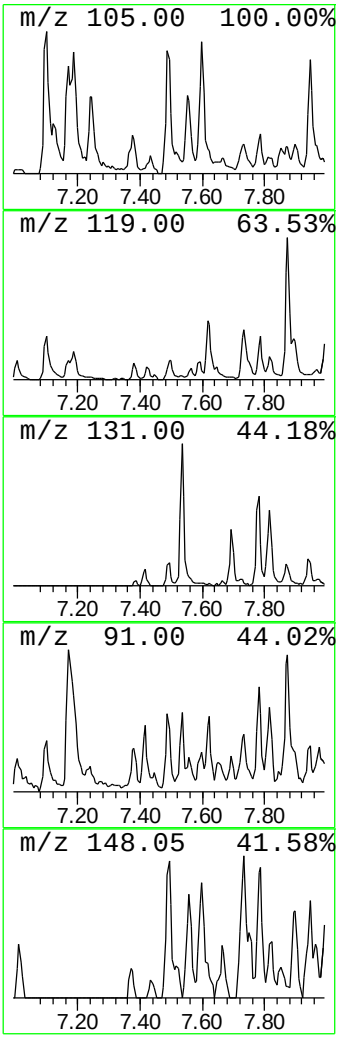
Peak Number 4 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	4.25 ng	200086	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
2	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	46
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	46
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	46
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

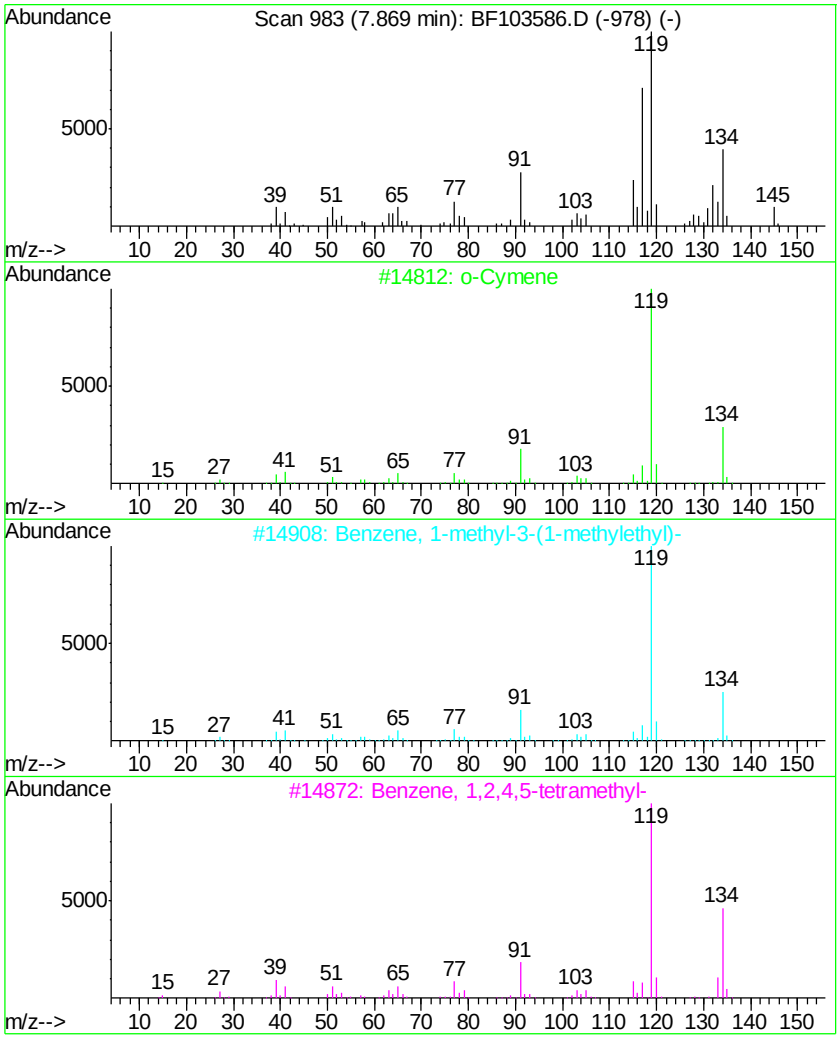
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

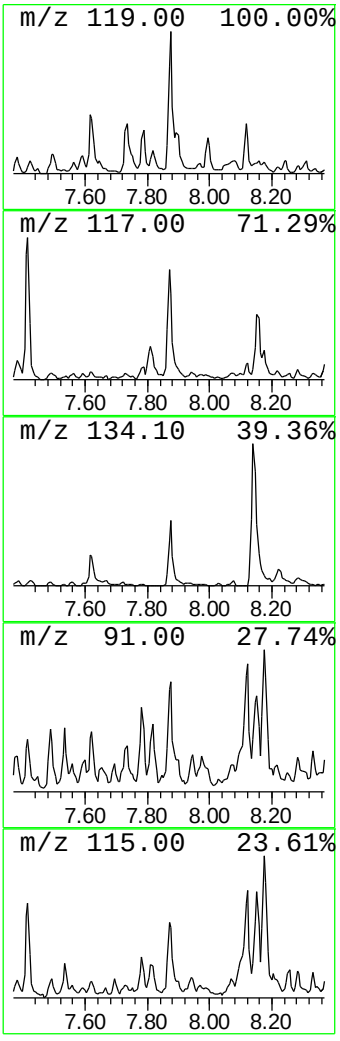
****

Peak Number 5 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	3.65 ng	193595	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

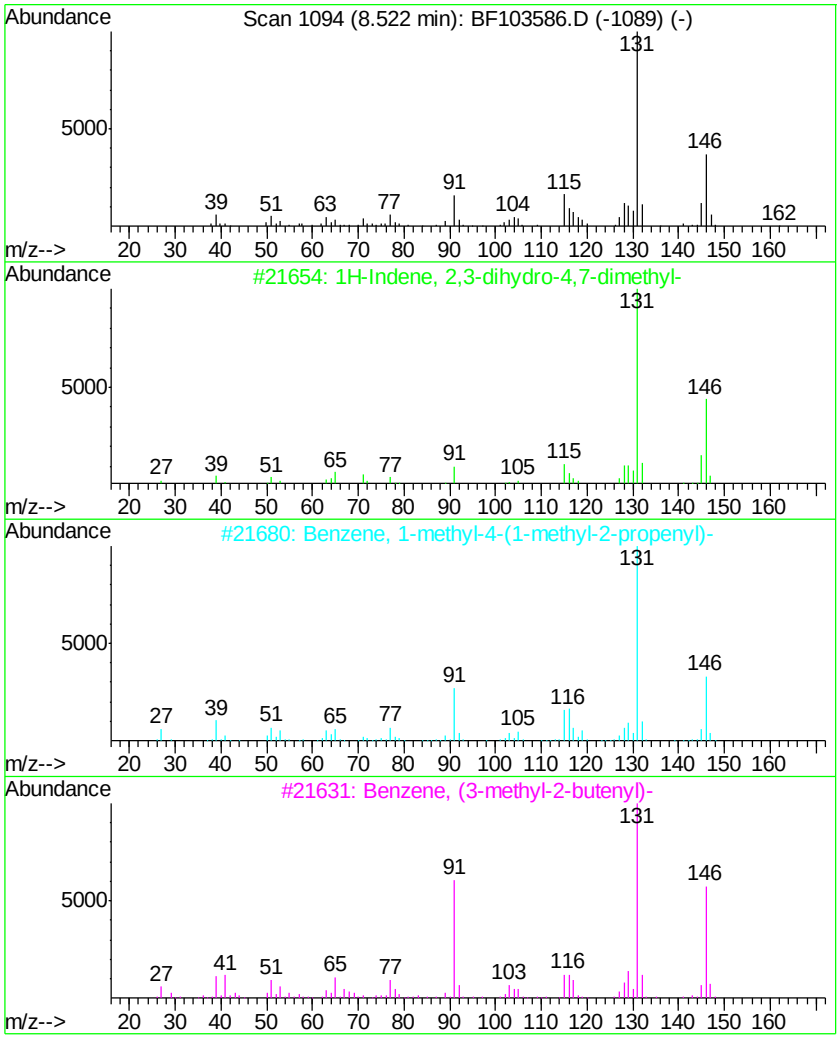
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

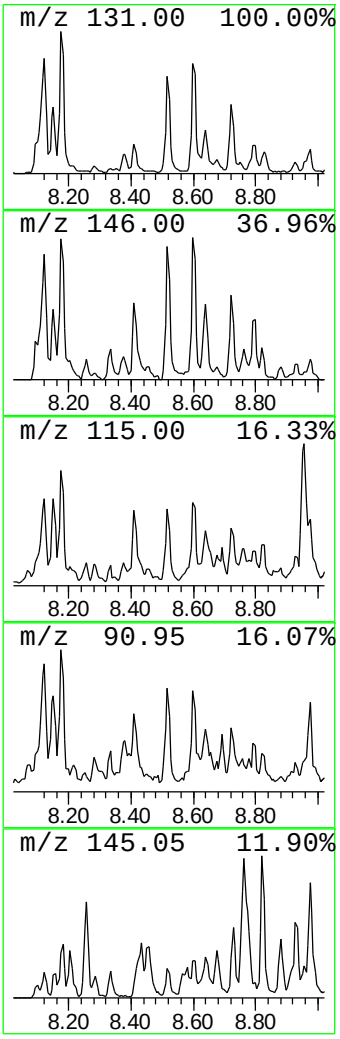
****

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3.80 ng	201782	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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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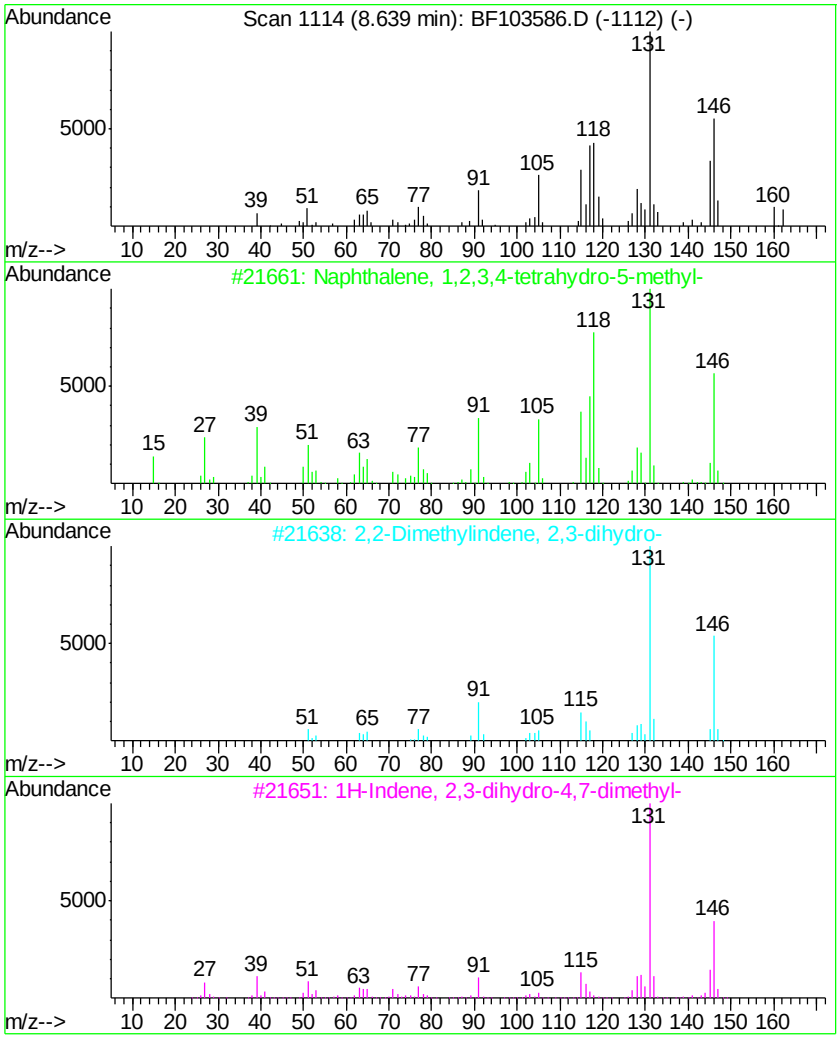
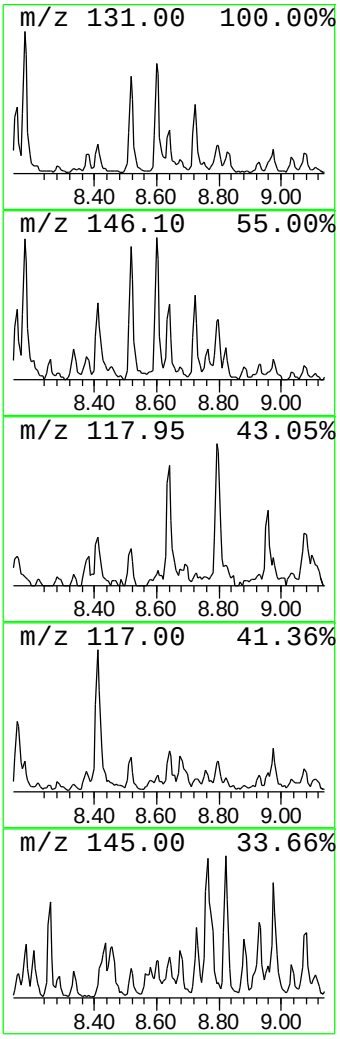
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.80 ng	148544	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53





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Operator : SJ/JU
Sample : J1867-12
Misc :
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Instrument : BNA_F
ClientSampleId : C190137

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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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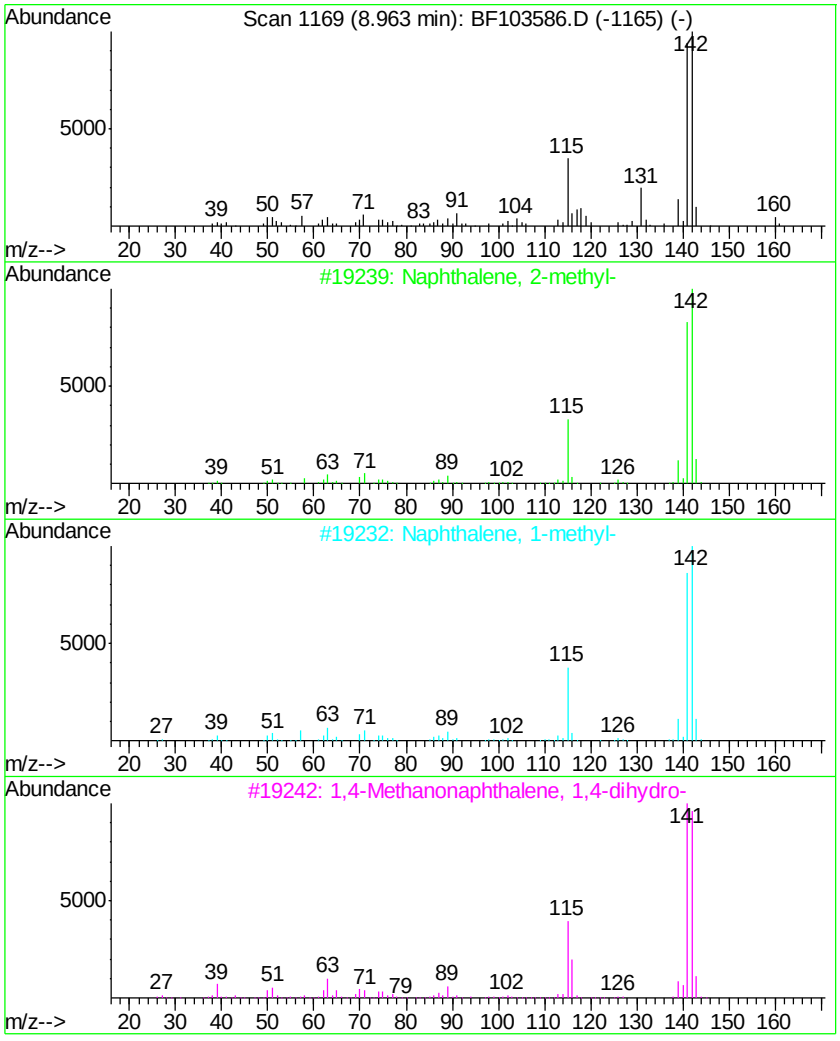
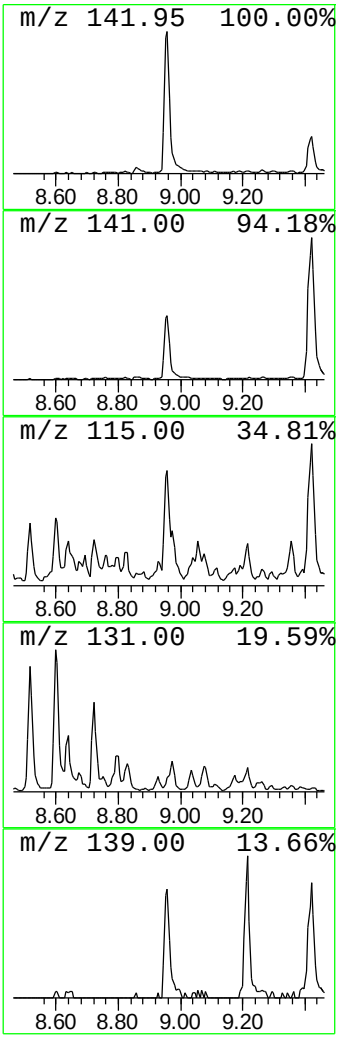
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	4.19 ng	222588	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
5	Benzocycloheptatriene	142	C11H10	000264-09-5	87





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Instrument : BNA_F
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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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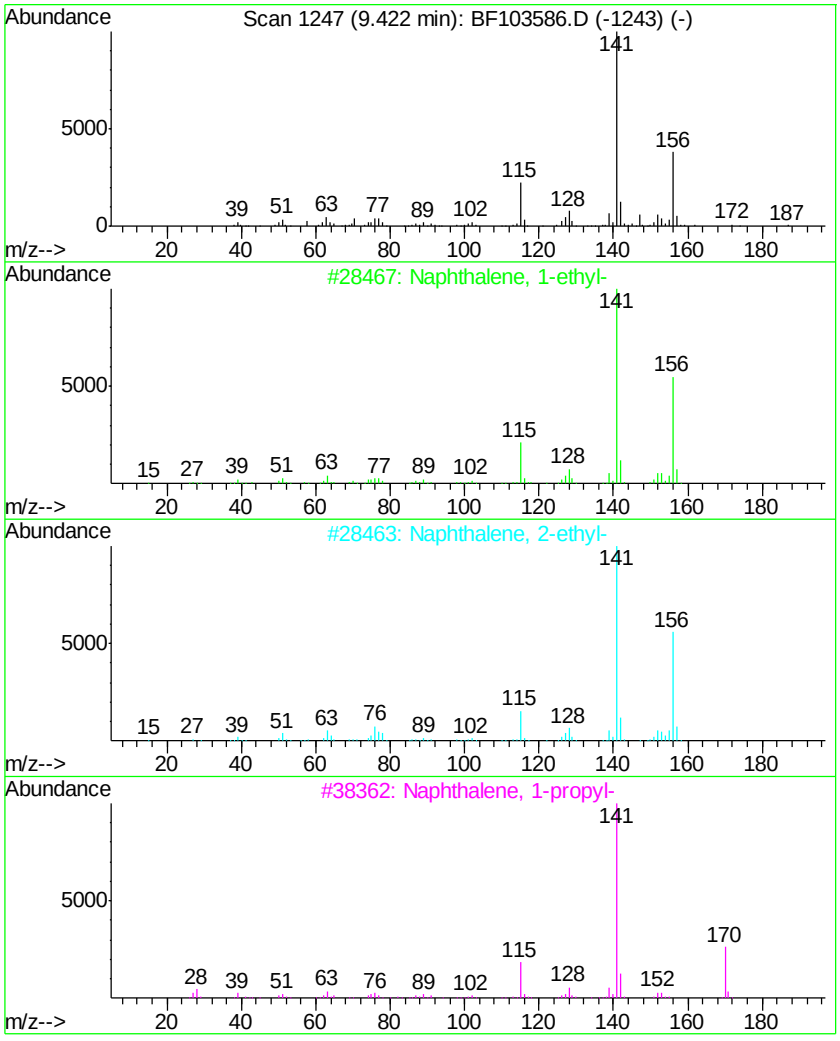
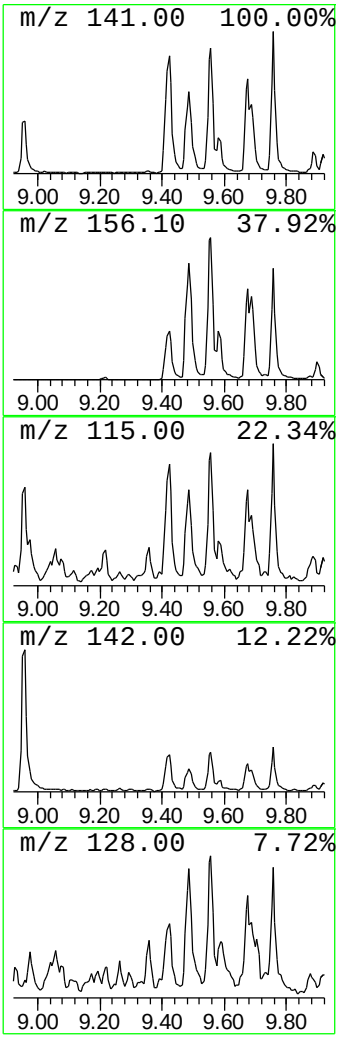
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	6.09 ng	431745	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	64
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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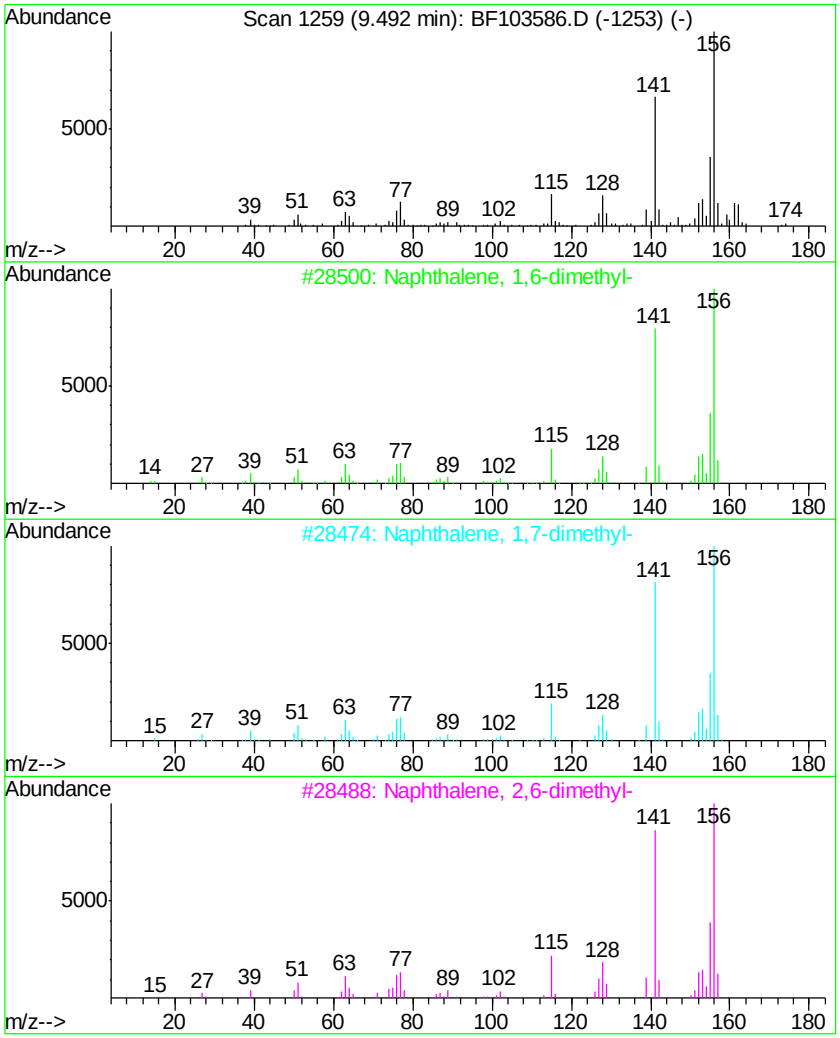
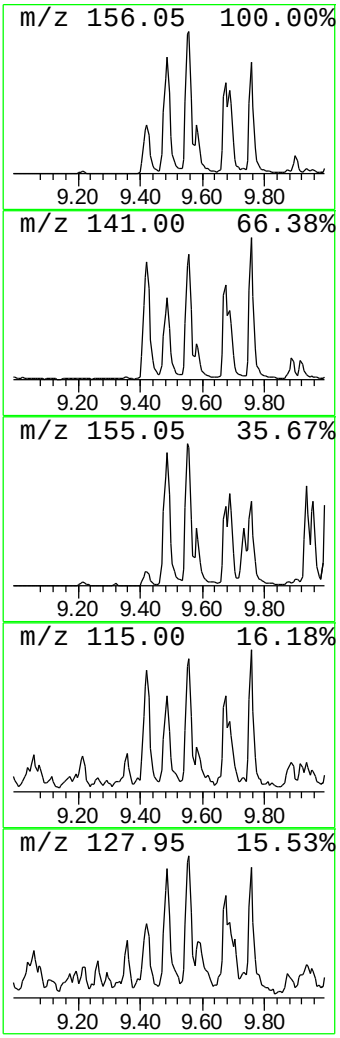
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	9.23 ng	654806	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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ClientSampleId : C190137

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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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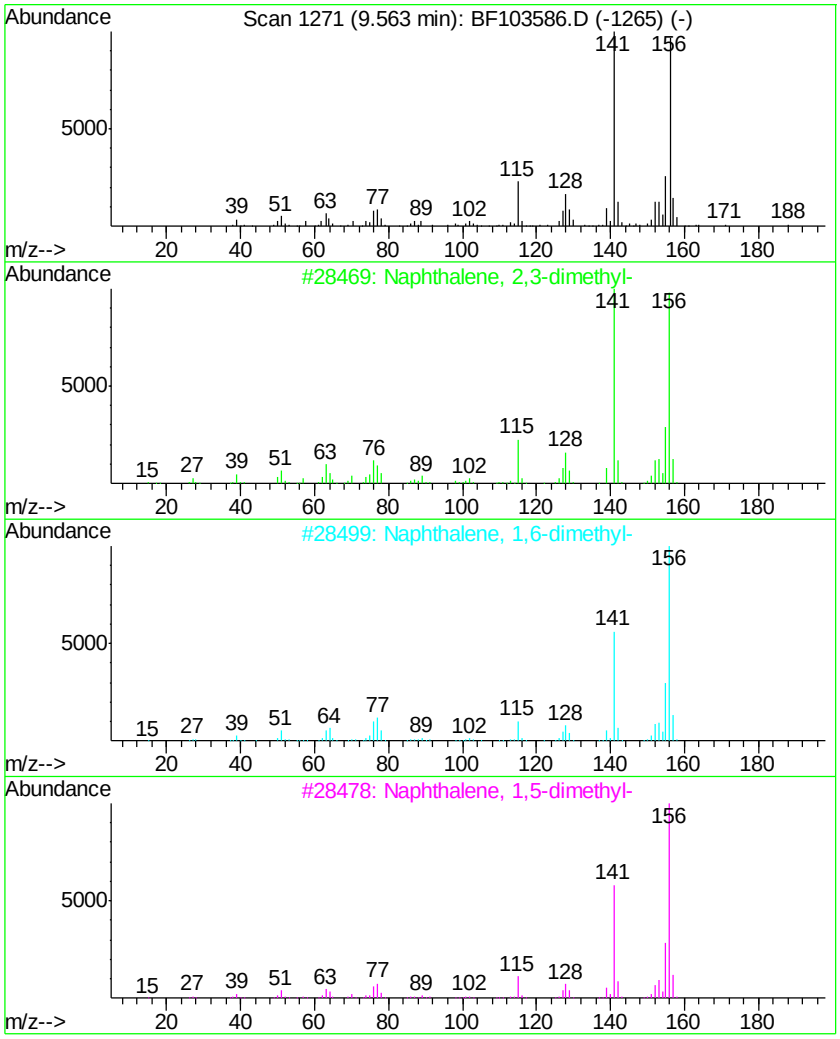
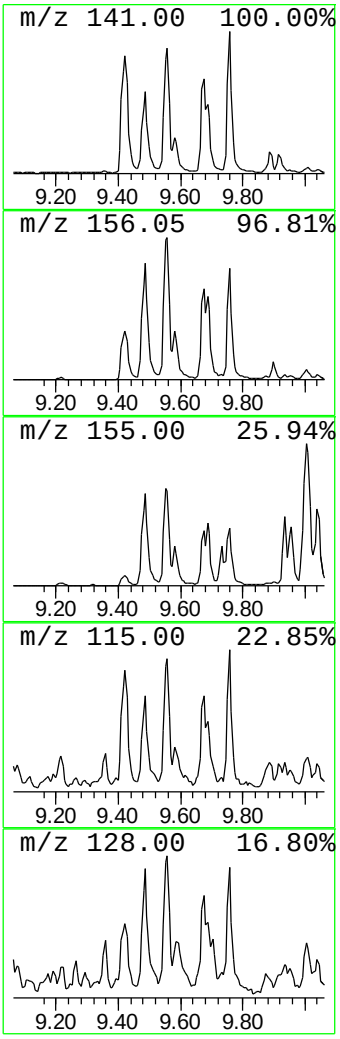
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	8.56 ng	607223	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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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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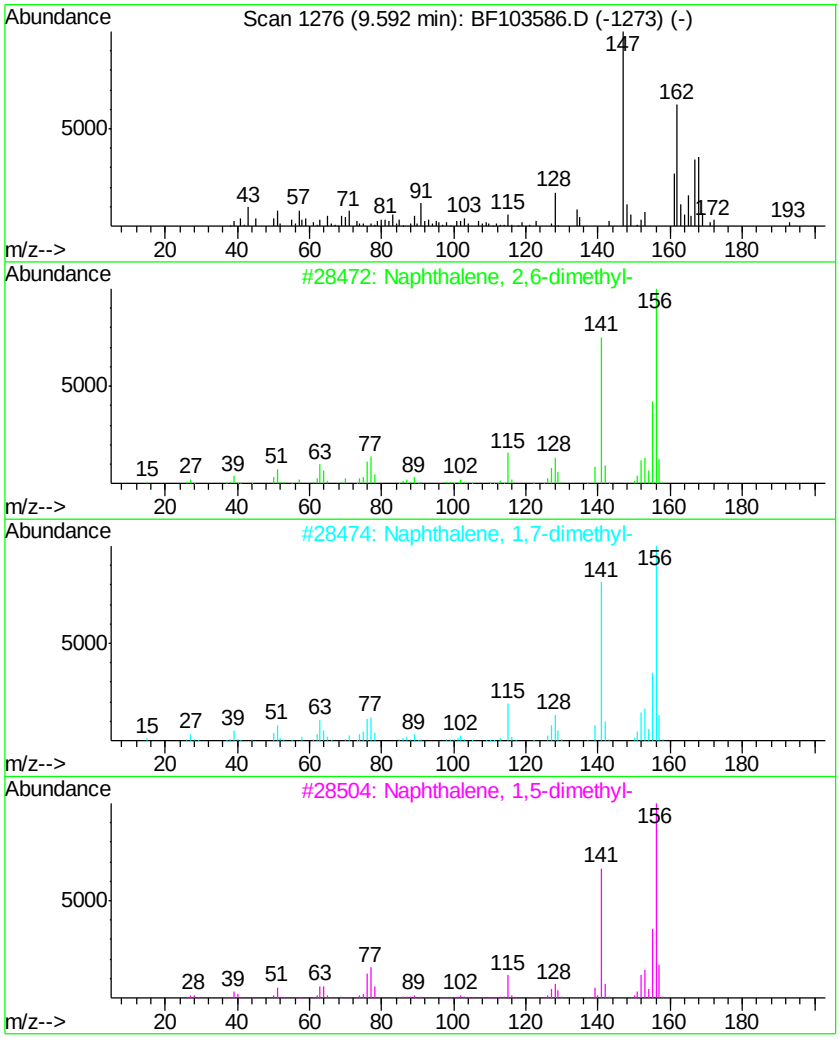
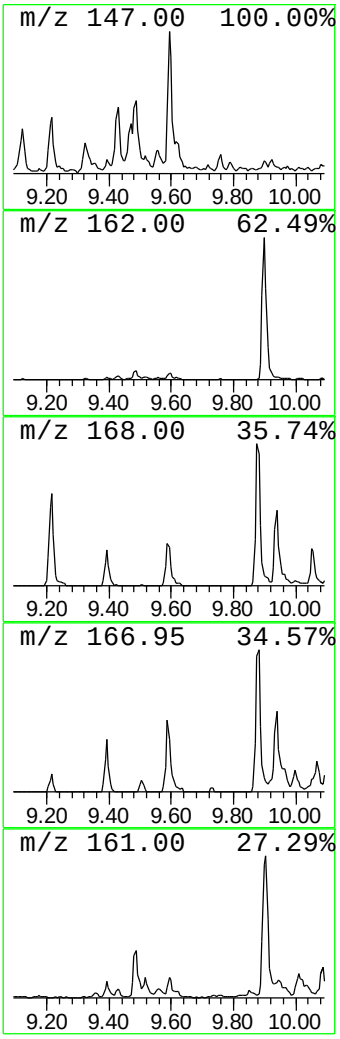
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.68 ng	331712	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	55
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	42
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	42
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	42
5	Diphenylmethane	168	C13H12	000101-81-5	42





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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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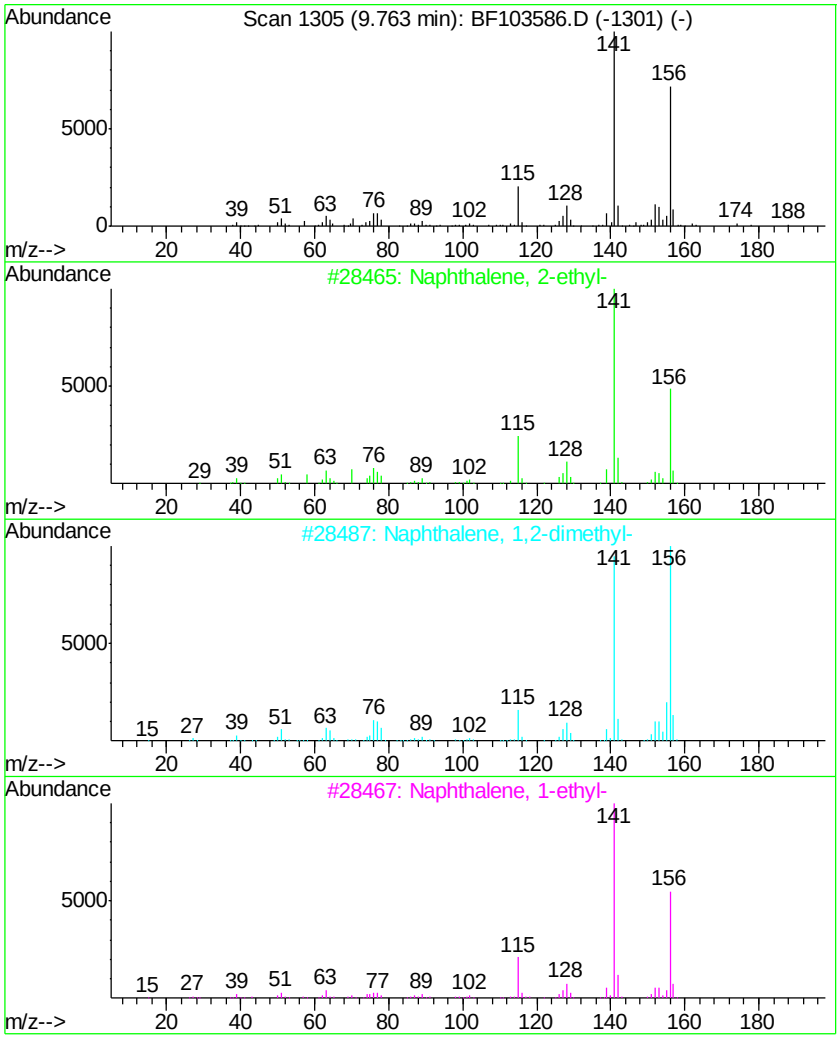
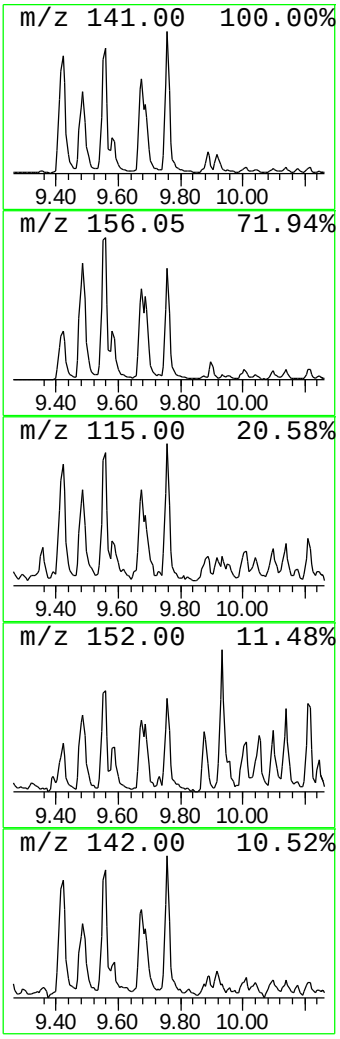
Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	6.40 ng	453910	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87





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Misc :
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Instrument : BNA_F
ClientSampleId : C190137

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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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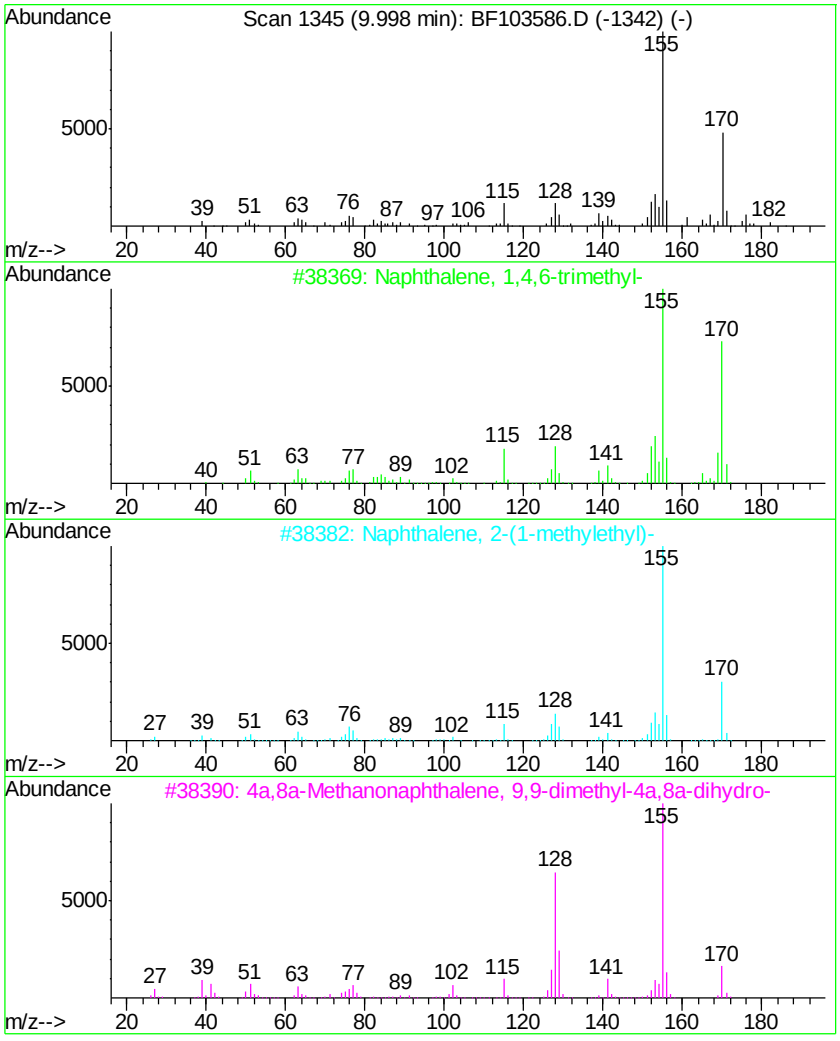
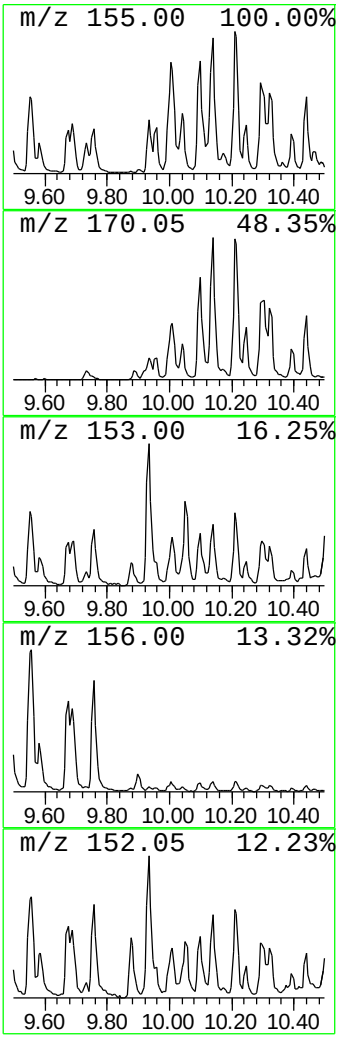
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.47 ng	246322	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	83
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	72
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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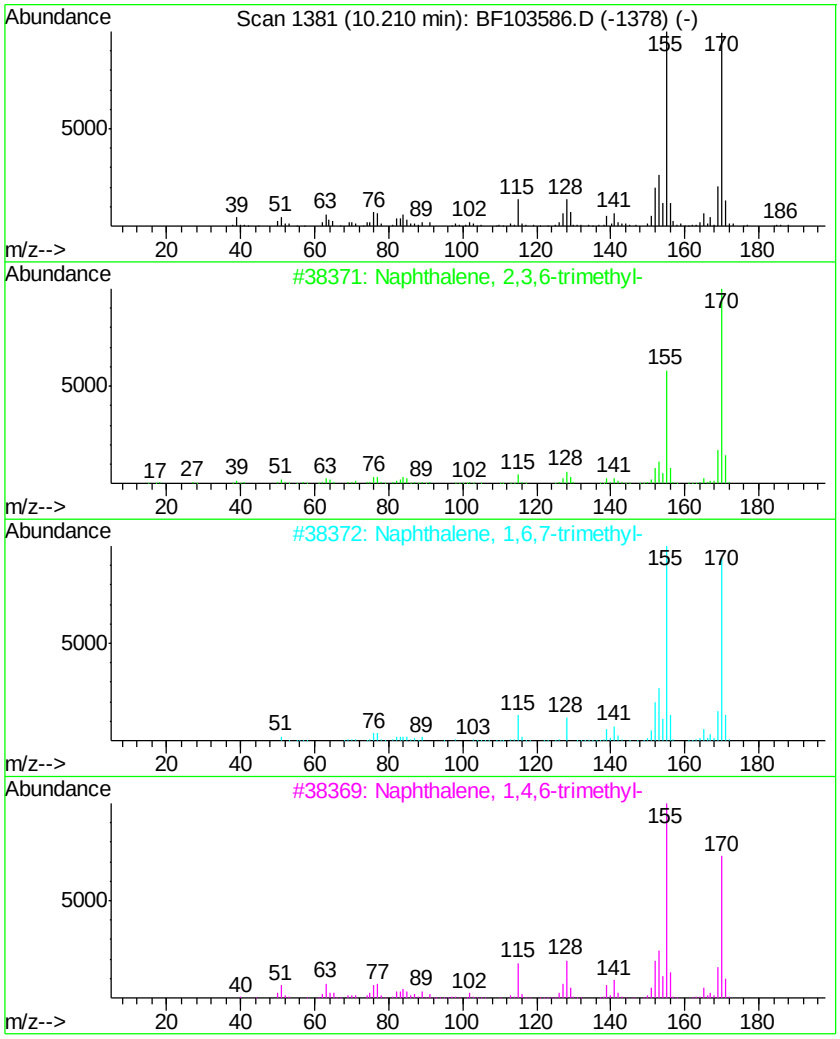
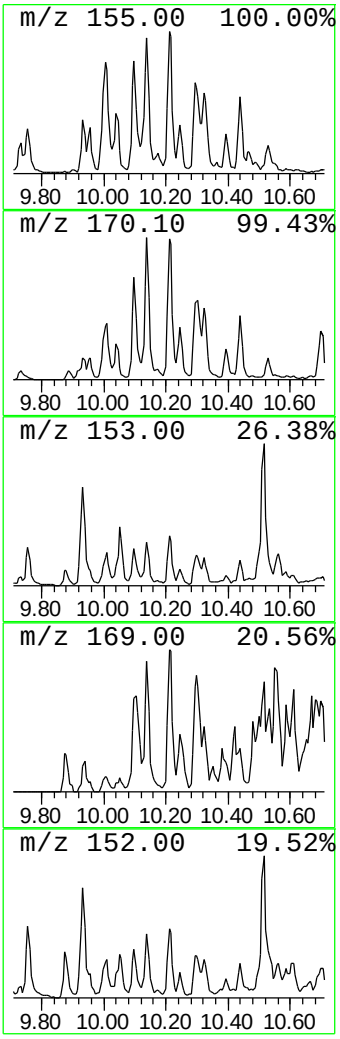
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	4.77 ng	338160	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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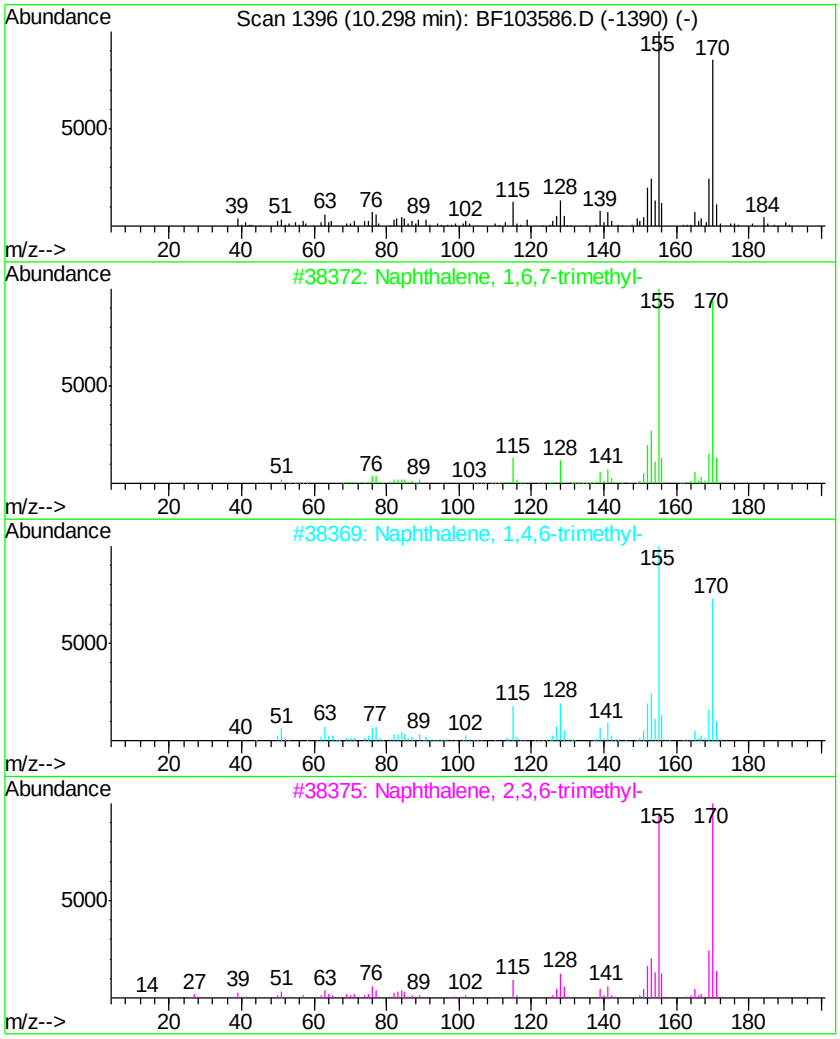
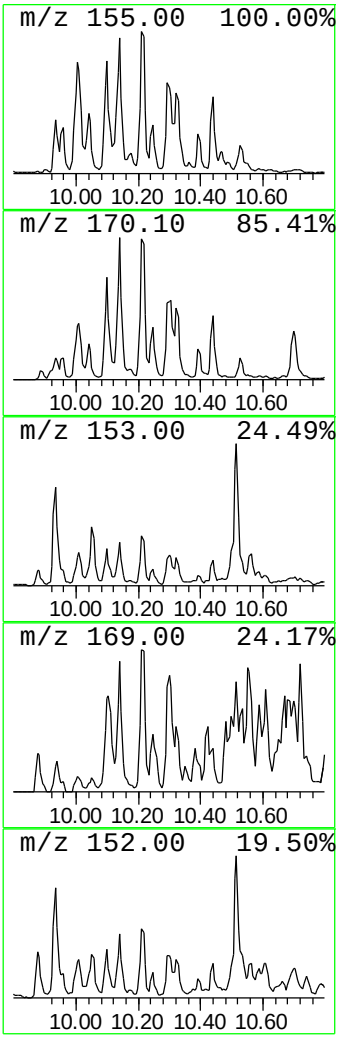
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	4.80 ng	340452	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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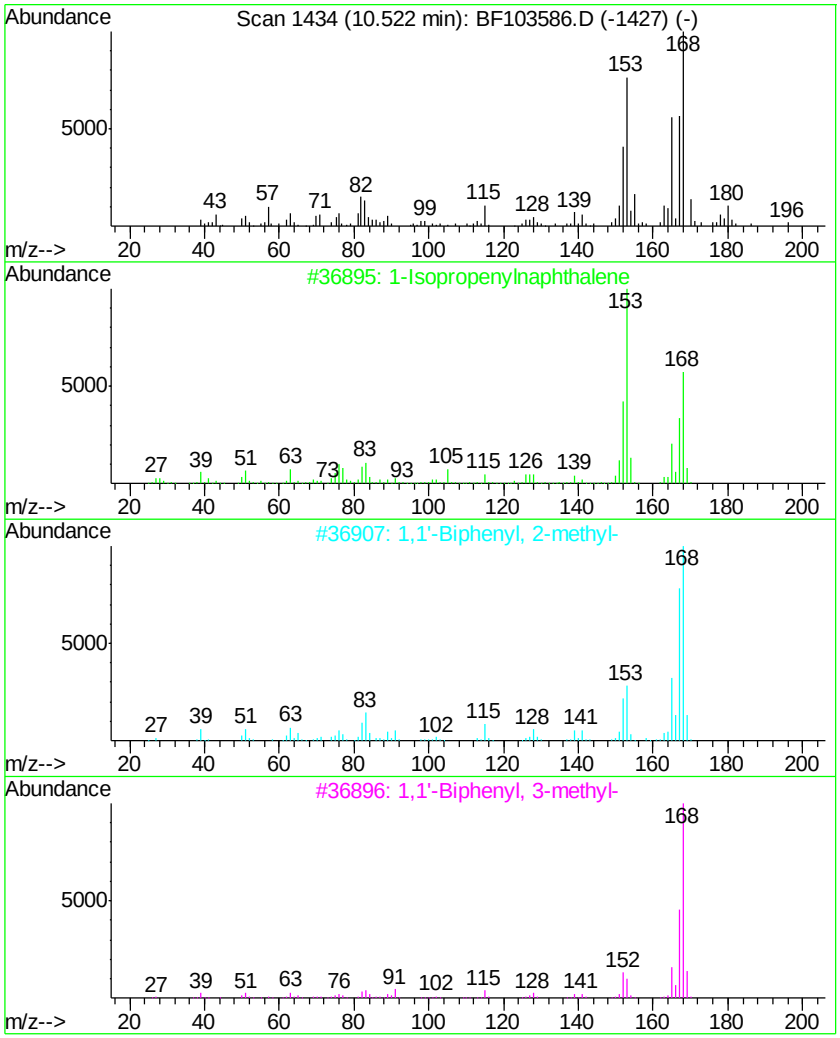
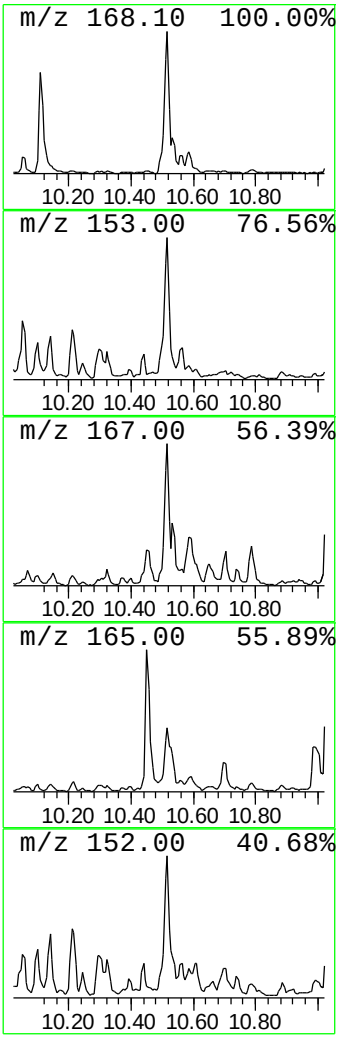
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	7.24 ng	513722	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	38





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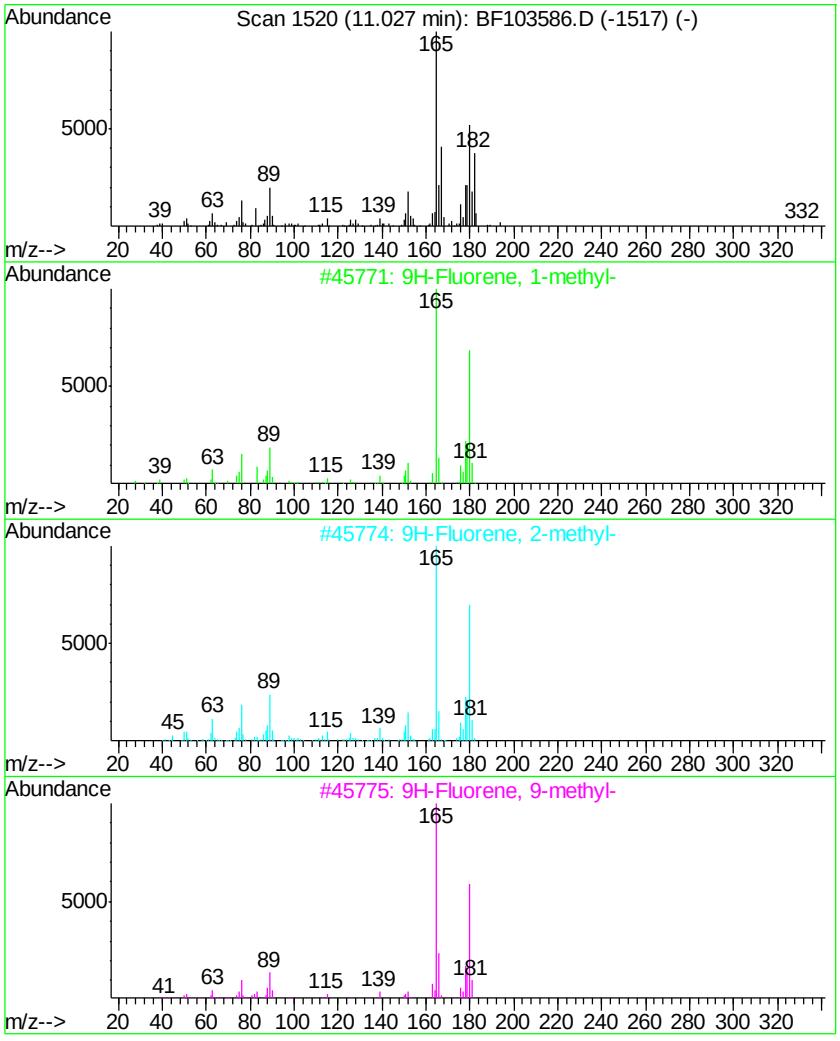
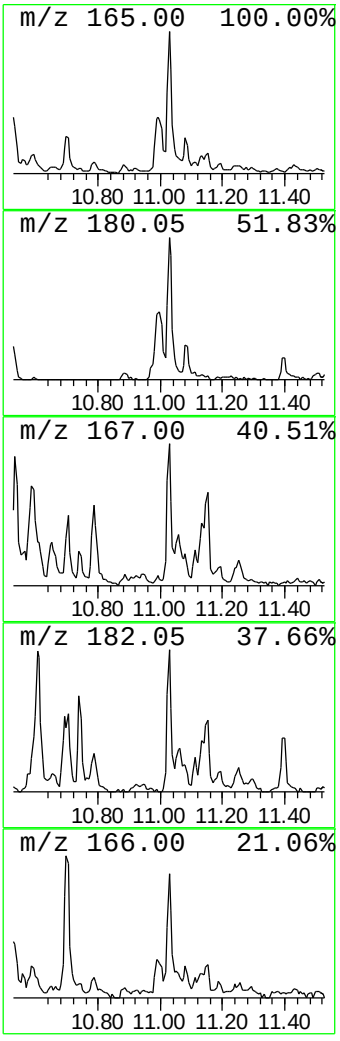
Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	5.13 ng	337480	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

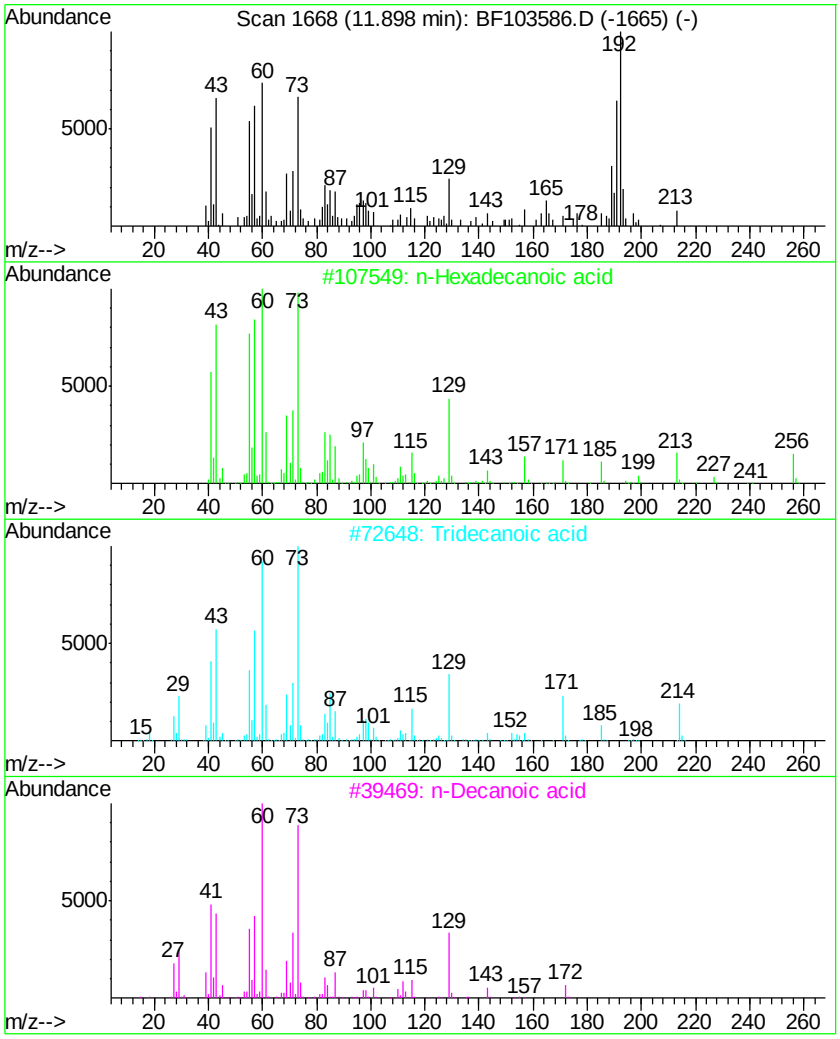
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

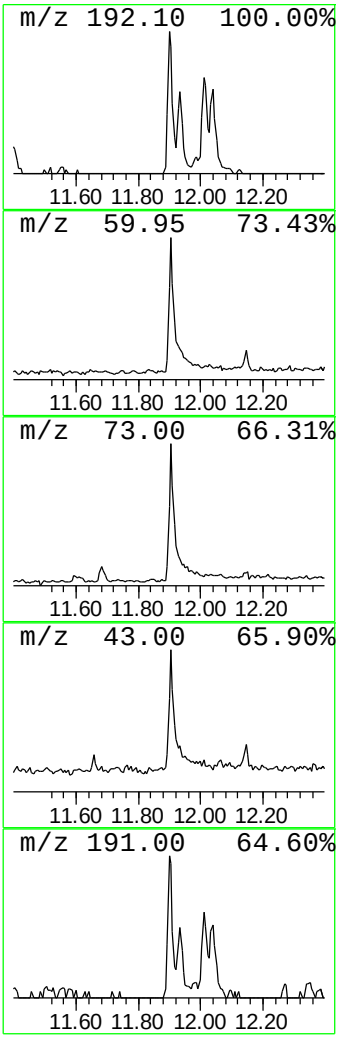
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.48 ng	228822	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	49
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031218\
Data File : BF103586.D
Acq On : 12 Mar 2018 17:15
Operator : SJ/JU
Sample : J1867-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C190137

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.63	6.63	75.5	ng	3551140	1	6.86	940544	20.0
Benzene, 1,2-diet...	7.10	4.2	ng	196009	1	6.86	940544	20.0
Benzene, 1-ethyl-...	7.49	4.3	ng	200086	1	6.86	940544	20.0
o-Cymene	7.87	3.6	ng	193595	2	8.14	1061600	20.0
1H-Indene, 2,3-di...	8.52	3.8	ng	201782	2	8.14	1061600	20.0
Naphthalene, 1,2,...	8.64	2.8	ng	148544	2	8.14	1061600	20.0
Naphthalene, 1-me...	8.96	4.2	ng	222588	2	8.14	1061600	20.0
Naphthalene, 1-et...	9.42	6.1	ng	431745	3	9.90	1418830	20.0
Naphthalene, 1,6-...	9.49	9.2	ng	654806	3	9.90	1418830	20.0
Naphthalene, 2,3-...	9.56	8.6	ng	607223	3	9.90	1418830	20.0
Naphthalene, 2,6-...	9.59	4.7	ng	331712	3	9.90	1418830	20.0
Naphthalene, 2-et...	9.76	6.4	ng	453910	3	9.90	1418830	20.0
Naphthalene, 1,4,...	10.00	3.5	ng	246322	3	9.90	1418830	20.0
Naphthalene, 2,3,...	10.21	4.8	ng	338160	3	9.90	1418830	20.0
Naphthalene, 1,6,...	10.30	4.8	ng	340452	3	9.90	1418830	20.0
1-Isopropenylnaph...	10.52	7.2	ng	513722	3	9.90	1418830	20.0
9H-Fluorene, 1-me...	11.03	5.1	ng	337480	4	11.40	1314910	20.0
n-Hexadecanoic acid	11.90	3.5	ng	228822	4	11.40	1314910	20.0