LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097616.D
Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.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	3.169	240	252	256	rBV3	9569	29773	1.37%	0.053%
2	3.551	313	317	333	rBV	68168	194909	8.99%	0.350%
3	4.740	514	519	528	rBV2	131325	284383	13.12%	0.511%
4	4.822	528	533	541	rVV4	57831	144601	6.67%	0.260%
5	4.893	541	545	570	rVB	307974	582529	26.88%	1.046%
6	5.151	579	589	595	rBV6	21157	65426	3.02%	0.117%
7	5.328	609	619	621	rBV4	23215	51264	2.37%	0.092%
8	5.440	634	638	654	rBV	586367	1352512	62.41%	2.428%
9	5.616	664	668	669	rBV	120572	140419	6.48%	0.252%
10	5.634	669	671	676	rVB2	110690	141347	6.52%	0.254%
11	5.734	682	688	693	rBV2	99843	176009	8.12%	0.316%
12	5.781	693	696	700	rVV	83093	122141	5.64%	0.219%
13	5.816	700	702	718	rVB6	49237	134085	6.19%	0.241%
14	6.034	734	739	756	rVB	165325	298125	13.76%	0.535%
15	6.310	779	786	791	rBV6	23047	44428	2.05%	0.080%
16	6.469	806	813	825	rVB3	95421	201708	9.31%	0.362%
17	6.610	825	837	841	rBV3	57486	118627	5.47%	0.213%
18	6.675	841	848	855	rVB5	51383	101268	4.67%	0.182%
19	6.751	856	861	862	rBV2	71998	85017	3.92%	0.153%
20	6.775	862	865	871	rVB3	81205	138929	6.41%	0.249%
21	6.845	876	877	882	rVB2	27397	25628	1.18%	0.046%
22	6.910	882	888	893	rBV4	79656	177713	8.20%	0.319%
23	6.957	893	896	902	rVB	47807	77067	3.56%	0.138%
24	7.022	903	907	910	rBV	37299	47865	2.21%	0.086%
25	7.057	910	913	917	rVB	37385	47617	2.20%	0.085%
26	7.098	917	920	930	rBV	299134	810086	37.38%	1.454%
27	7.175	930	933	943	rBV	1231056	1935033	89.28%	3.474%
28	7.428	972	976	979	rBV3	44776	77211	3.56%	0.139%
29	7.510	986	990	996	rBV	419526	568568	26.23%	1.021%
30	7.563	996	999	1003	rVB3	102060	126019	5.81%	0.226%
31	7.604	1003	1006	1012	rVB	312940	396785	18.31%	0.712%
32	7.663	1012	1016	1024	rVB6	51160	102724	4.74%	0.184%
33	7.751	1026	1031	1035	rBV	1487793	2114621	97.57%	3.796%
34	7.822	1041	1043	1048	rVV4	47744	53184	2.45%	0.095%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.875	1049	1052	1059	rVB6	71488	118688	5.48%	0.213%
36	7.939	1059	1063	1067	rBV2	50576	75077	3.46%	0.135%
37	8.063	1077	1084	1089	rBV5	276970	618210	28.52%	1.110%
38	8.222	1102	1111	1118	rBV6	100228	276937	12.78%	0.497%
39	8.286	1118	1122	1123	rBV2	127500	149743	6.91%	0.269%
40	8.310	1123	1126	1132	rVV	723744	1187486	54.79%	2.132%
41	8.357	1132	1134	1137	rVV2	204310	268928	12.41%	0.483%
42	8.392	1137	1140	1141	rVV	256709	295818	13.65%	0.531%
43	8.422	1141	1145	1160	rVB2	1149247	2125729	98.08%	3.816%
44	8.539	1160	1165	1168	rBV4	73193	112492	5.19%	0.202%
45	8.581	1168	1172	1175	rBV2	207397	332841	15.36%	0.598%
46	8.616	1175	1178	1184	rVB2	182735	287210	13.25%	0.516%
47	8.675	1184	1188	1192	rBV	370923	525648	24.25%	0.944%
48	8.769	1199	1204	1207	rBV	261752	330929	15.27%	0.594%
49	8.804	1207	1210	1219	rVB	342908	505425	23.32%	0.907%
50	8.904	1219	1227	1232	rBV6	82792	227179	10.48%	0.408%
51	8.975	1232	1239	1242	rVB6	169621	337092	15.55%	0.605%
52	9.010	1242	1245	1247	rBV2	153161	172842	7.98%	0.310%
53	9.039	1247	1250	1261	rVB3	340136	620707	28.64%	1.114%
54	9.139	1261	1267	1269	rBV	686821	1011570	46.68%	1.816%
55	9.239	1280	1284	1287	rVB2	189256	251537	11.61%	0.452%
56	9.292	1289	1293	1300	rBV7	314570	755684	34.87%	1.357%
57	9.369	1303	1306	1315	rVB2	439309	859720	39.67%	1.543%
58	9.439	1315	1318	1320	rBV2	104533	117511	5.42%	0.211%
59	9.469	1320	1323	1328	rVB4	136762	258522	11.93%	0.464%
60	9.539	1328	1335	1344	rBV2	625210	1470020	67.83%	2.639%
61	9.645	1348	1353	1357	rVB3	388074	686405	31.67%	1.232%
62	9.751	1364	1371	1382	rVB10	476670	1404917	64.82%	2.522%
63	9.857	1383	1389	1391	rBV4	314991	613897	28.33%	1.102%
64	9.957	1402	1406	1410	rBV4	212631	337392	15.57%	0.606%
65	10.022	1413	1417	1421	rBV4	311754	531494	24.52%	0.954%
66	10.204	1444	1448	1453	rVB4	592908	956895	44.15%	1.718%
67	10.280	1457	1461	1467	rVV3	628205	921302	42.51%	1.654%
68	10.333	1467	1470	1474	rVB4	404391	515921	23.81%	0.926%
69	10.380	1474	1478	1480	rBV2	342109	462674	21.35%	0.831%
70	10.516	1490	1501	1503	rBV5	632568	1583476	73.06%	2.843%
71	10.545	1503	1506	1513	rVV4	994372	1902215	87.77%	3.415%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.622	1515	1519	1525	rVV4	597926	1124570	51.89%	2.019%
73	10.704	1529	1533	1540	rVB	1223734	2123870	98.00%	3.813%
74	10.786	1543	1547	1550	rBV3	444242	707317	32.64%	1.270%
75	10.827	1551	1554	1556	rVV2	380149	542424	25.03%	0.974%
76	10.863	1556	1560	1565	rVB	1127128	1549594	71.50%	2.782%
77	11.104	1595	1601	1607	rBV7	382809	963665	44.46%	1.730%
78	11.210	1615	1619	1622	rBV	690430	1037975	47.89%	1.863%
79	11.327	1634	1639	1642	rBV	1558403	2167258	100.00%	3.891%
80	11.427	1653	1656	1659	rBV	408070	494590	22.82%	0.888%
81	11.616	1685	1688	1693	rVB2	740501	900272	41.54%	1.616%
82	11.745	1704	1710	1713	rBV2	756056	1374607	63.43%	2.468%
83	11.774	1713	1715	1722	rVB4	409237	609571	28.13%	1.094%
84	11.857	1724	1729	1732	rVV2	1017547	1614674	74.50%	2.899%
85	11.898	1733	1736	1739	rBV	547021	599787	27.67%	1.077%
86	12.039	1757	1760	1762	rBV3	302694	361157	16.66%	0.648%
87	12.374	1814	1817	1820	rBV2	517362	750604	34.63%	1.348%
88	12.657	1862	1865	1871	rVB3	712416	1149763	53.05%	2.064%
89	12.816	1889	1892	1895	rBV3	299203	371896	17.16%	0.668%
90	13.604	2022	2026	2030	rBV4	646807	1007373	46.48%	1.808%
91	17.156	2626	2630	2636	rVB	842914	1139290	52.57%	2.045%
92	18.498	2856	2858	2862	rVB	428598	473419	21.84%	0.850%
93	20.156	3137	3140	3147	rVB	370802	461540	21.30%	0.829%

Sum of corrected areas: 55702970

LSC Report - Integrated Chromatogram

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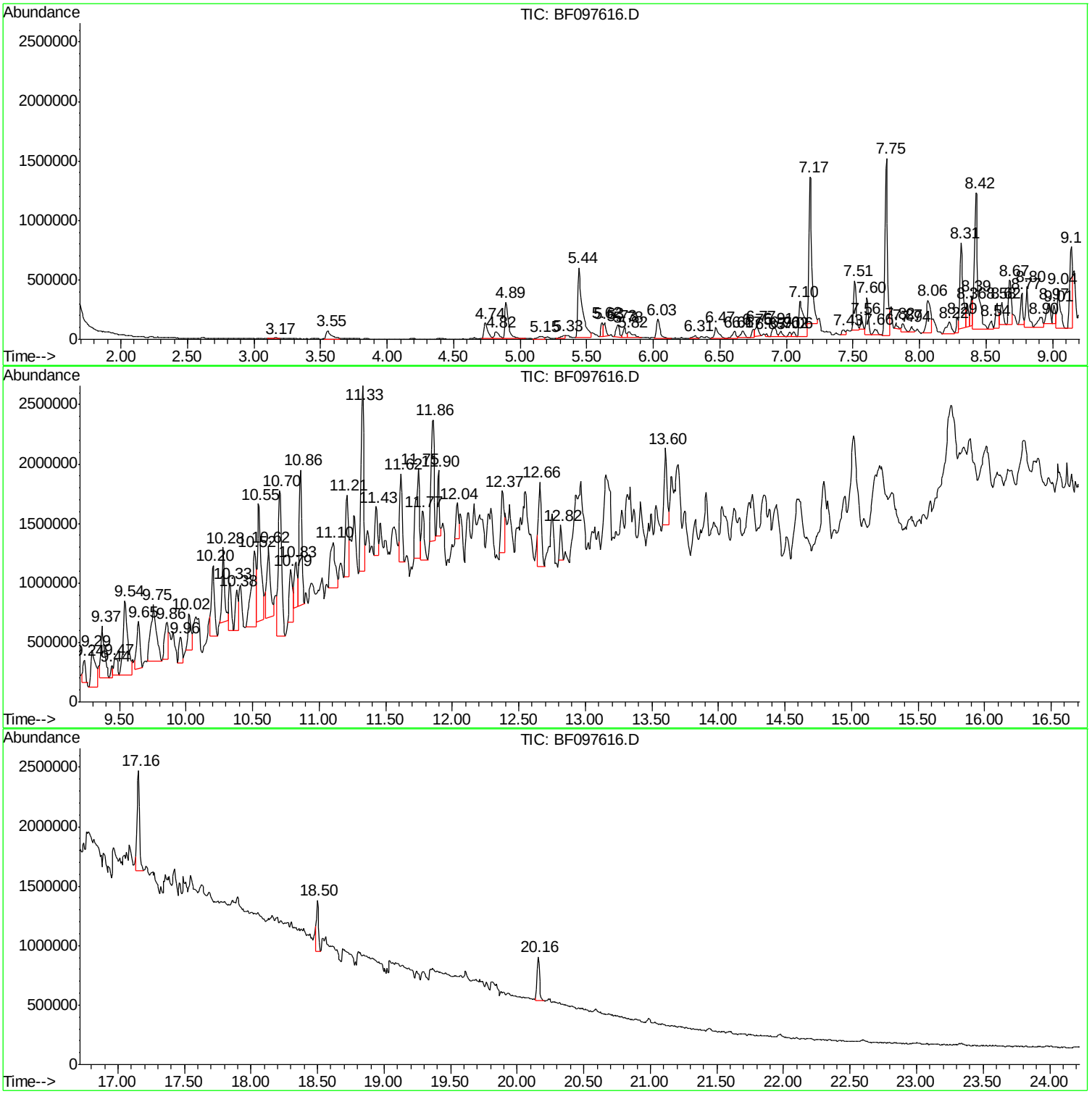
Data File : BF097616.D
Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.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\BF081117\
Data File : BF097616.D
Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

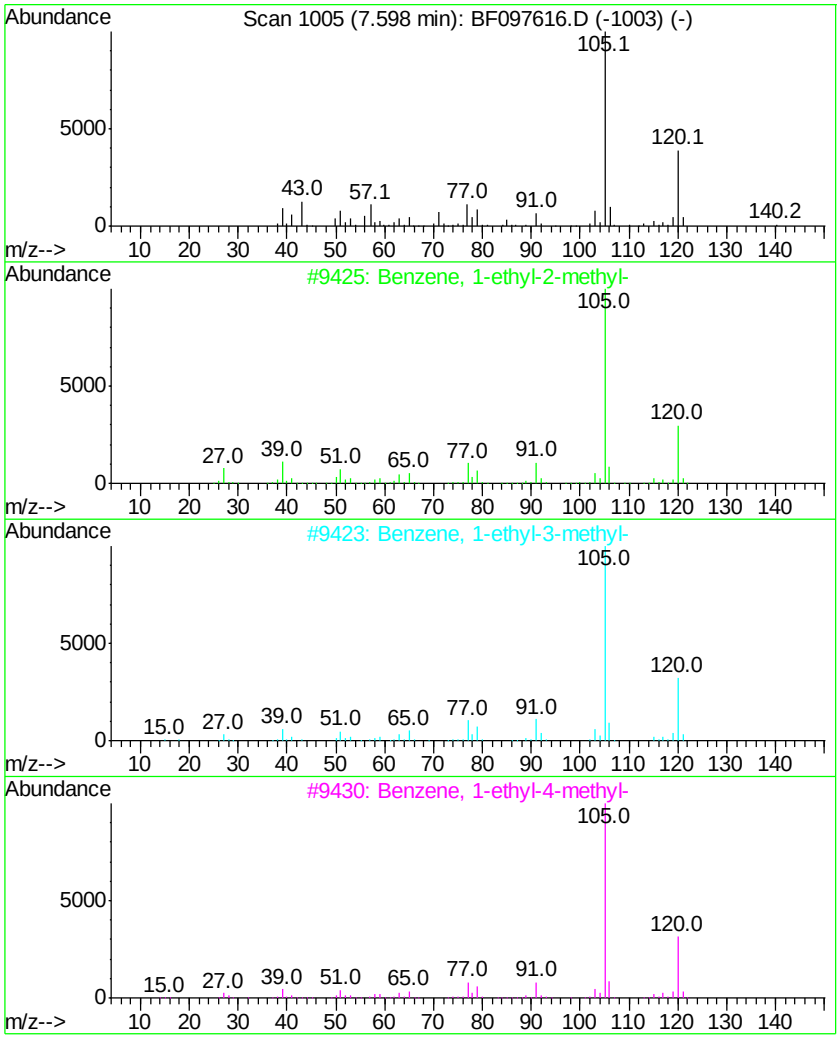
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

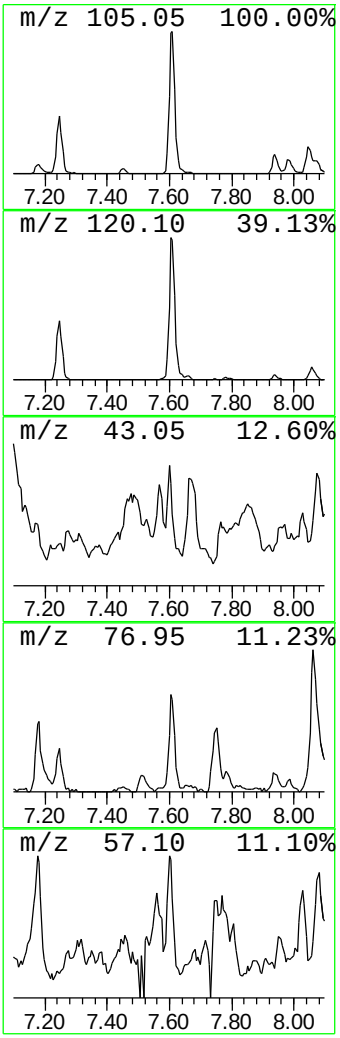
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	13.96 ng	396785	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097616.D
Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

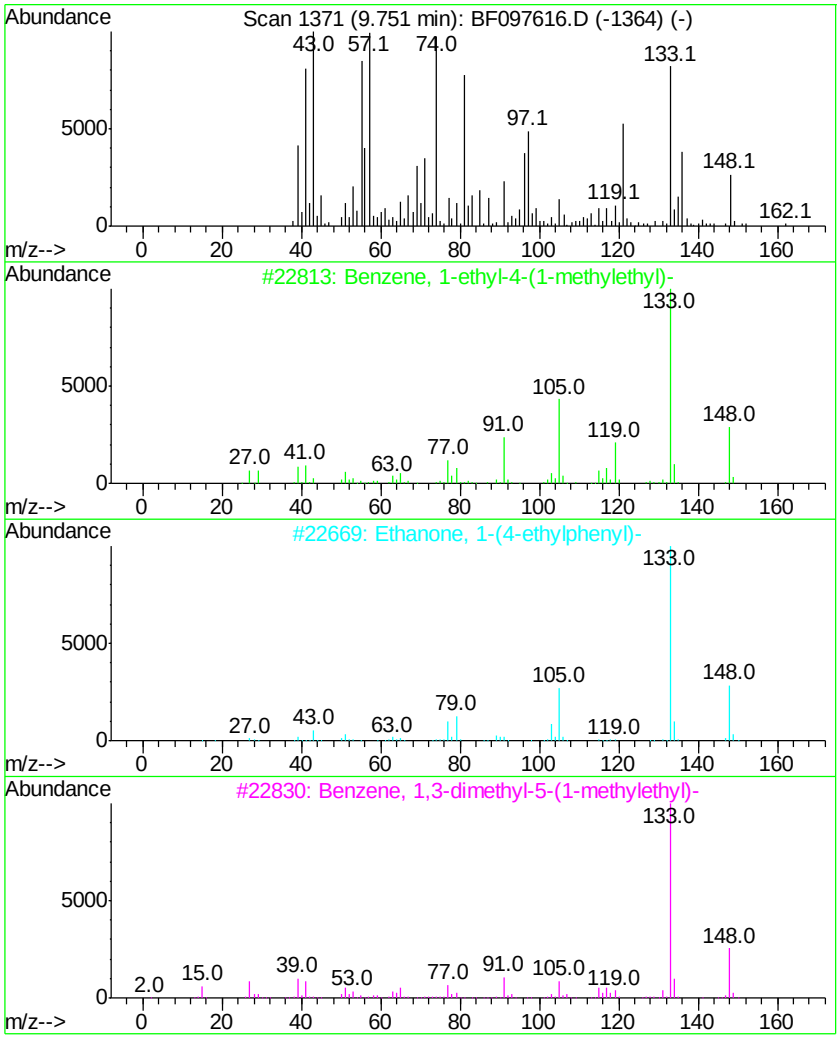
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

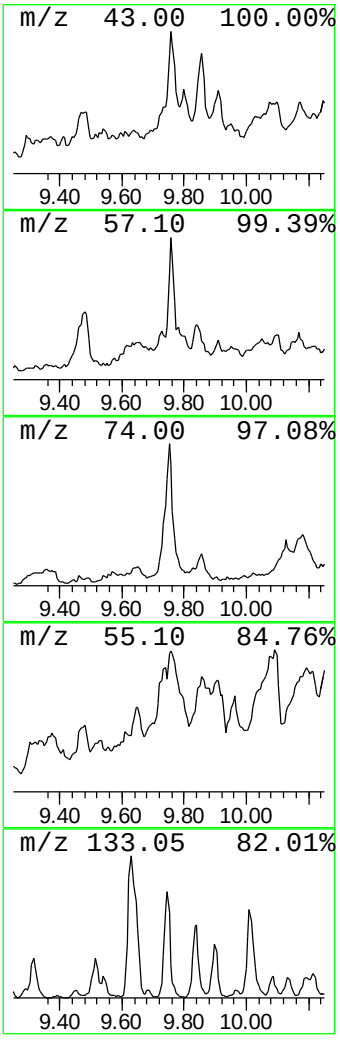
****

Peak Number 4 unknown9.75 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	19.11 ng	1404920	Naphthalene-d8	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	44
2	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	25
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	25
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	25
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25





Library Search Compound Report

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Operator : SJ/JU
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Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

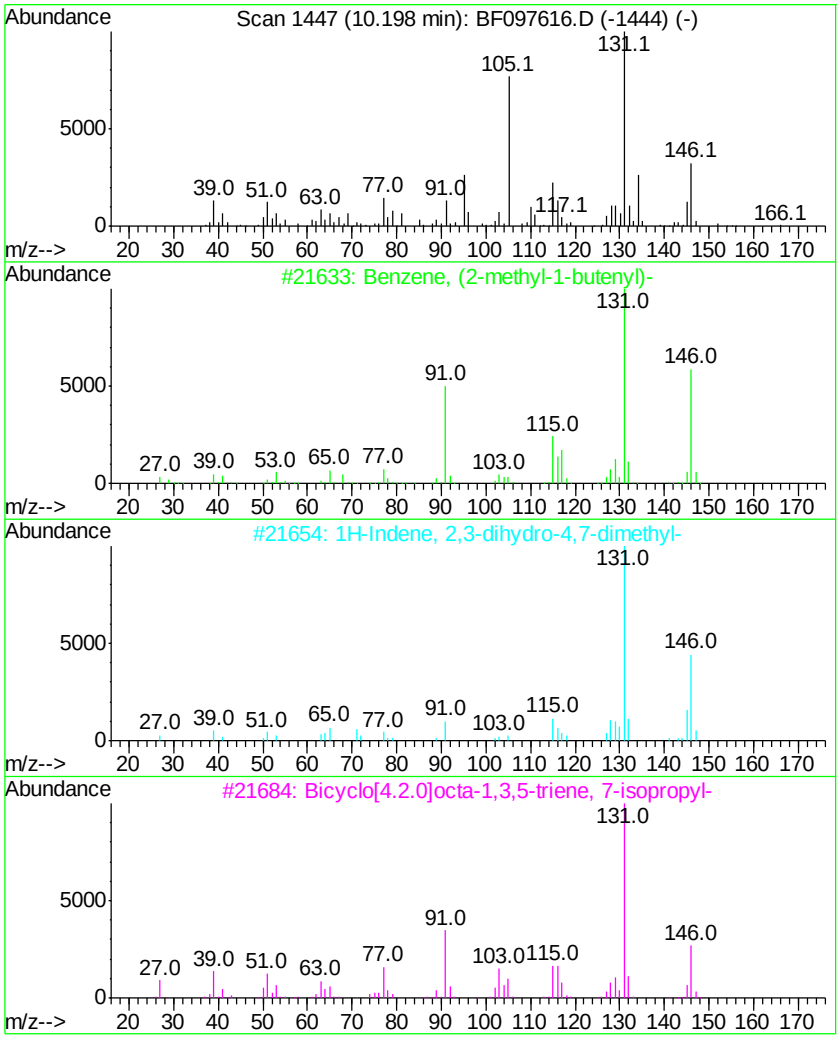
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

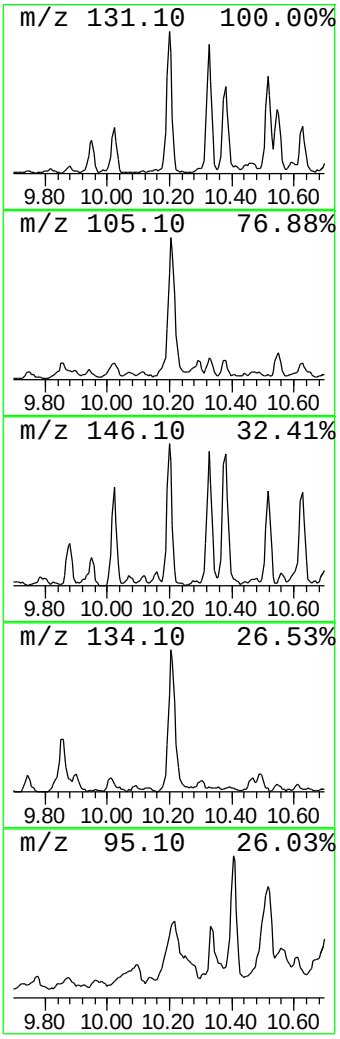
****

Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	13.02 ng	956895	Naphthalene-d8	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	53
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5	Ethyl-2-benzofuran	146	C10H10O	003131-63-3	49





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Sample : I4631-07
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

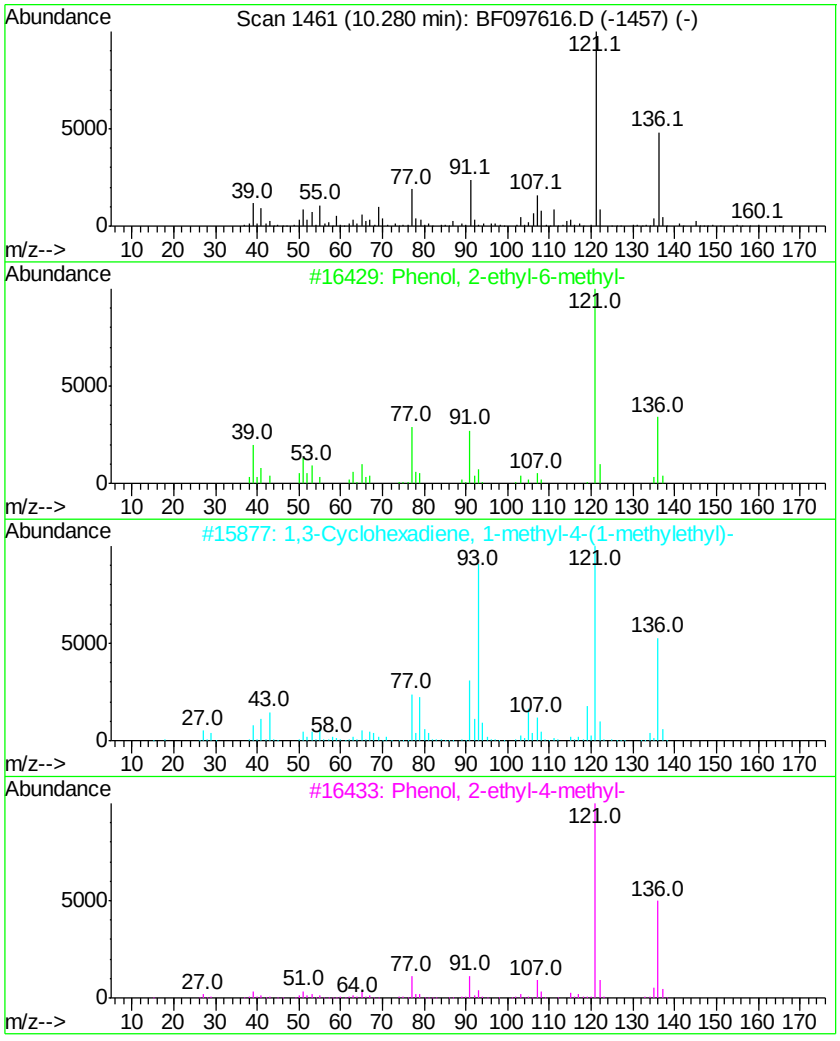
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

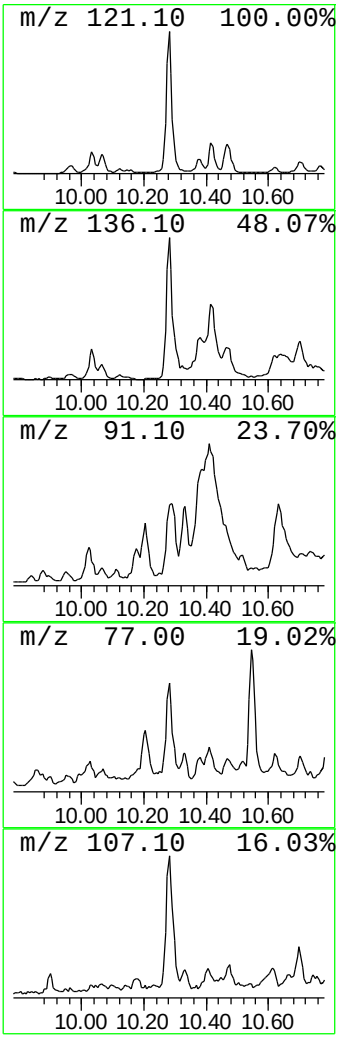
****

Peak Number 6 Phenol, 2-ethyl-6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	12.53 ng	921302	Naphthalene-d8	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
2	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	86
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	86
4	2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	86
5	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80





Library Search Compound Report

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Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

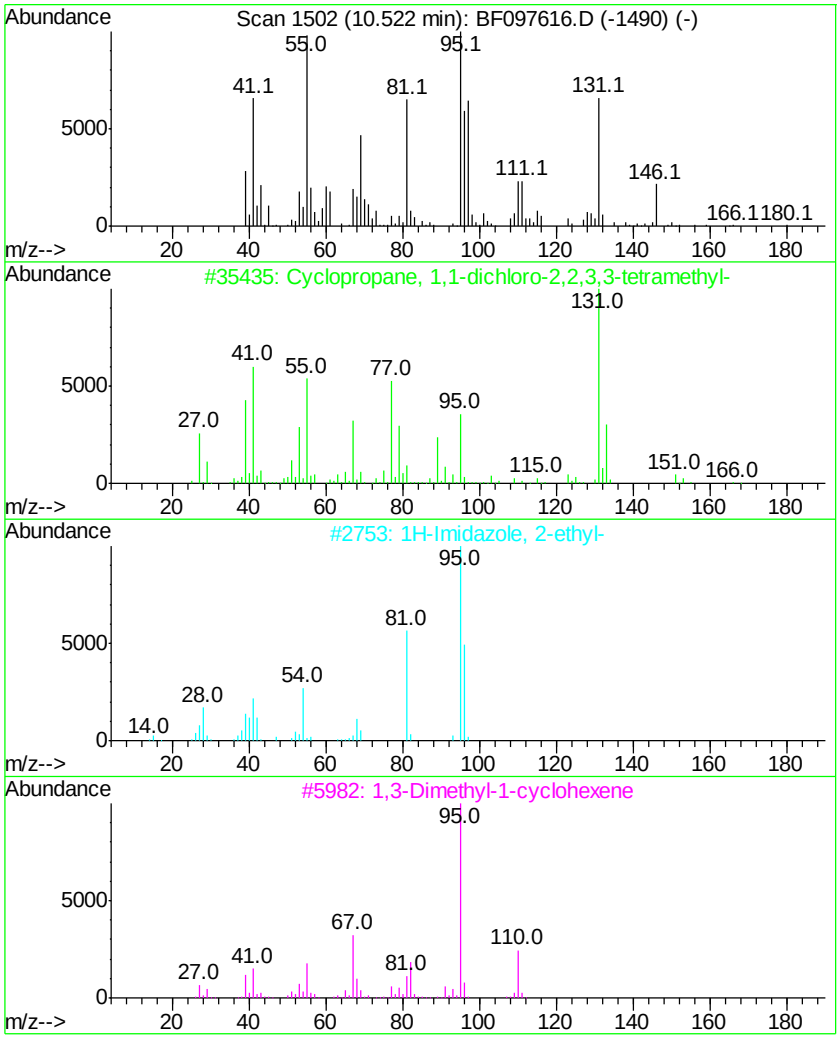
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

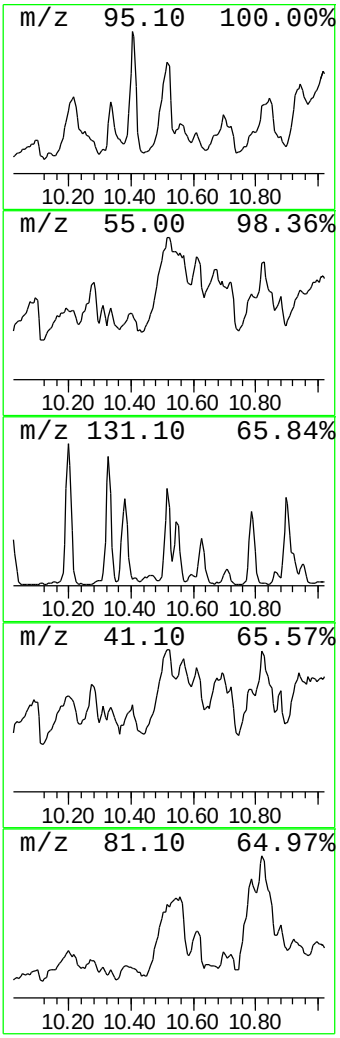
****

Peak Number 7 unknown10.52 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	21.54 ng	1583480	Naphthalene-d8	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dichloro-2,2,3...	166	C7H12Cl2	003141-45-5	25
2	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	22
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	22
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	20
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	20





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097616.D
Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
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Instrument : BNA_F
ClientSampleId : VE-3-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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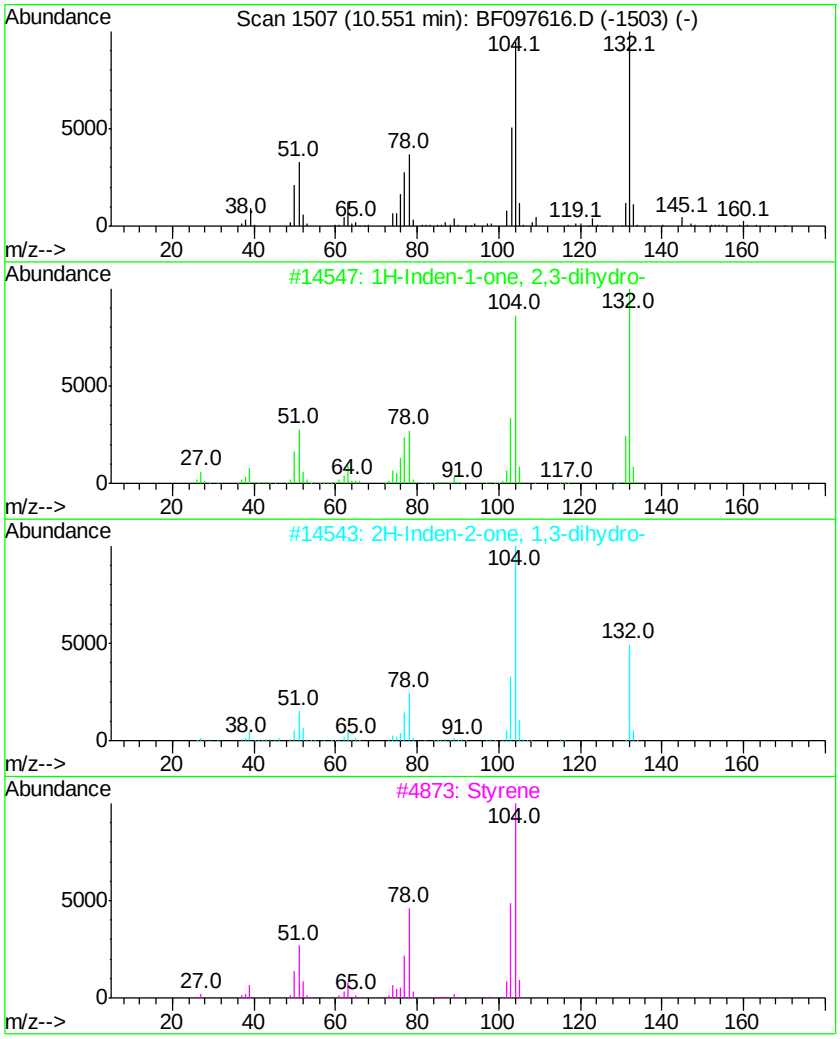
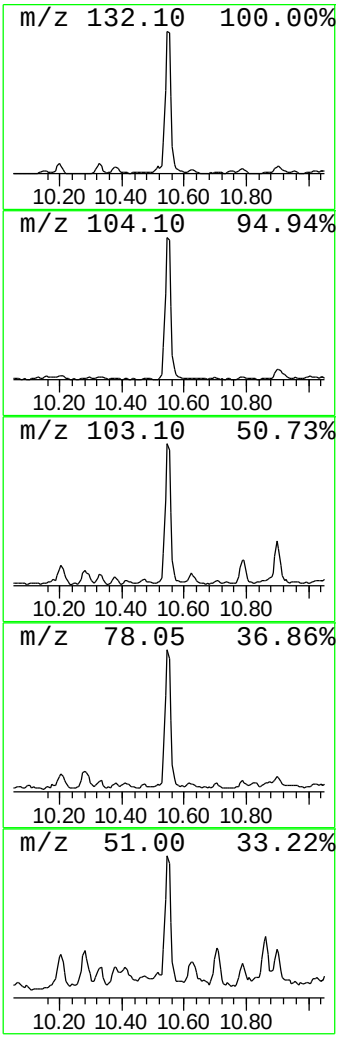
Peak Number 8 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	25.88 ng	1902220	Naphthalene-d8	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	94
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	81
3	Styrene	104	C8H8	000100-42-5	64
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60





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Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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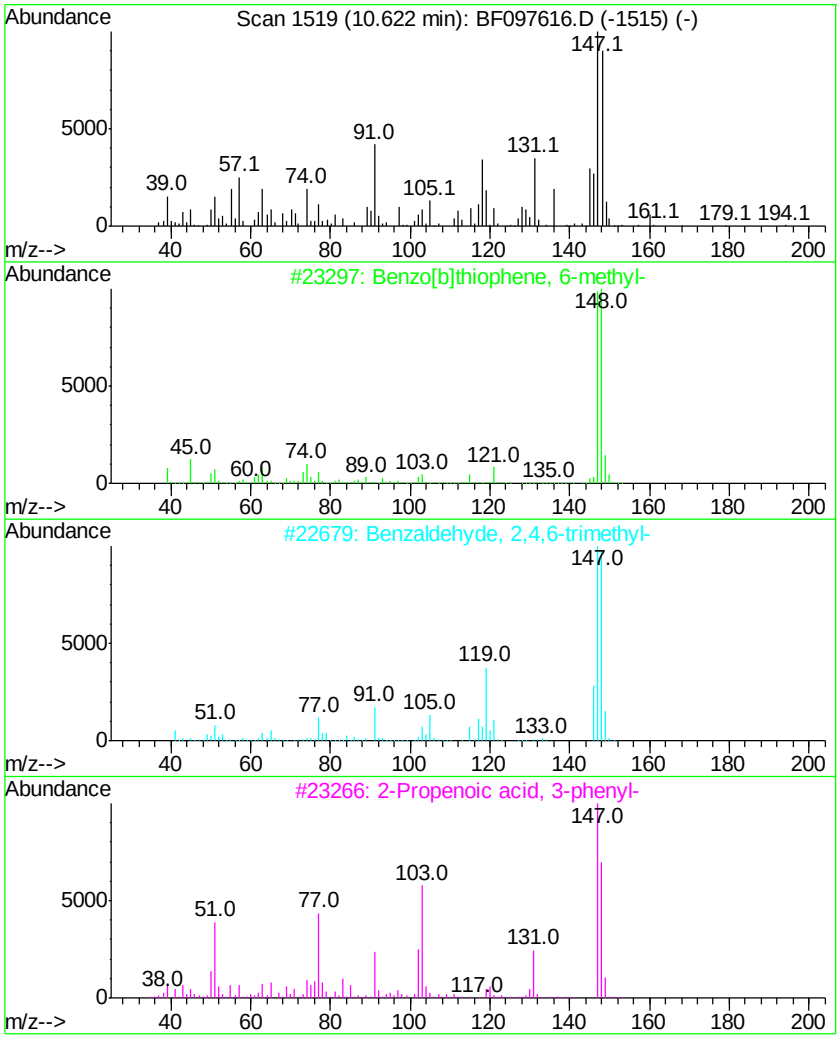
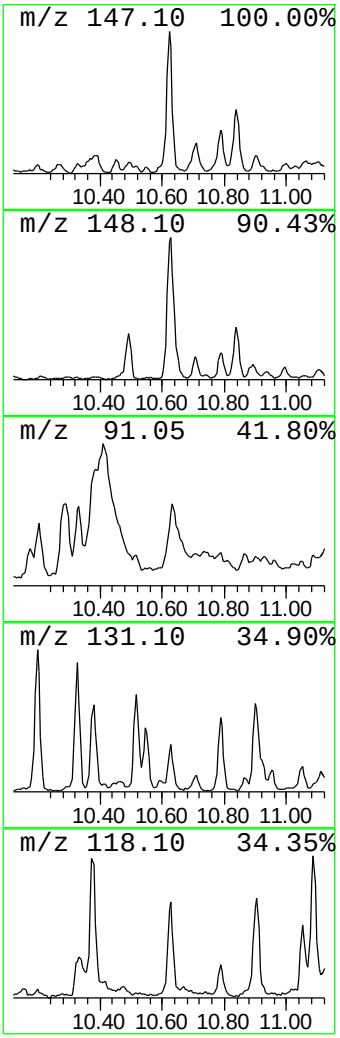
Peak Number 9 Benzo[b]thiophene, 6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	15.30 ng	1124570	Naphthalene-d8	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	53
2	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	53
3	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	50
4	2H-Benzimidazol-2-one, 1,3-dihyd...	148	C8H8N2O	005400-75-9	49
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	49





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId : VE-3-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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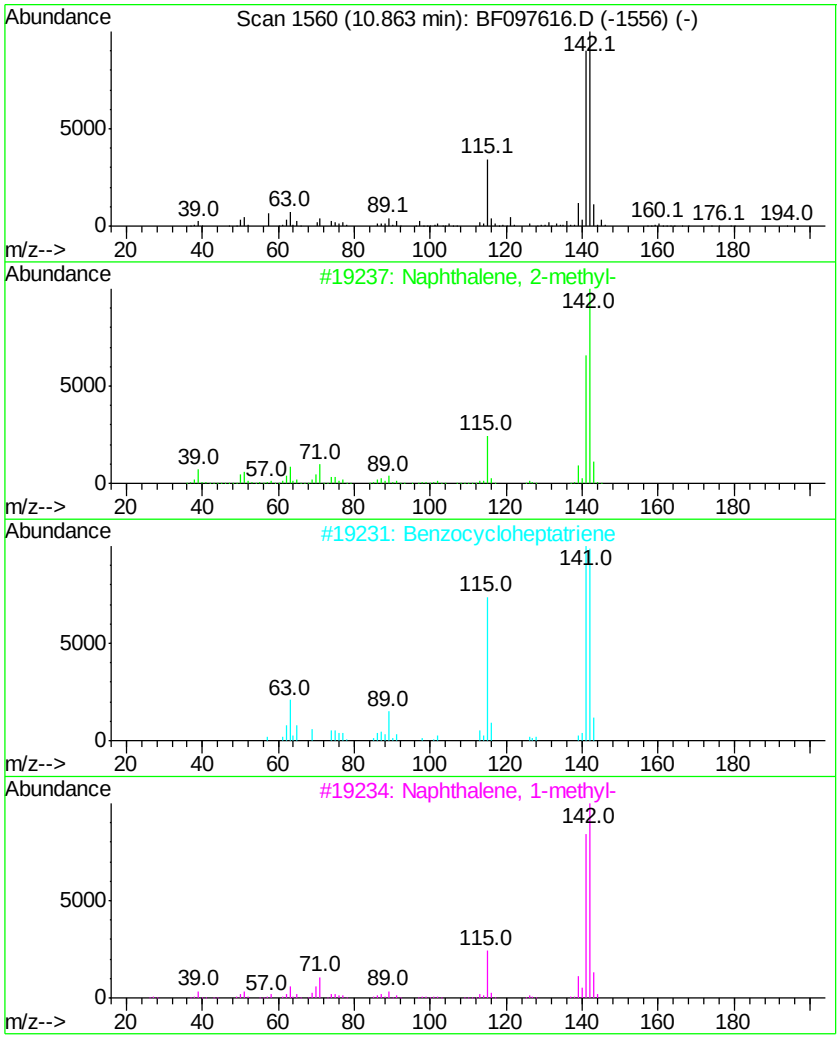
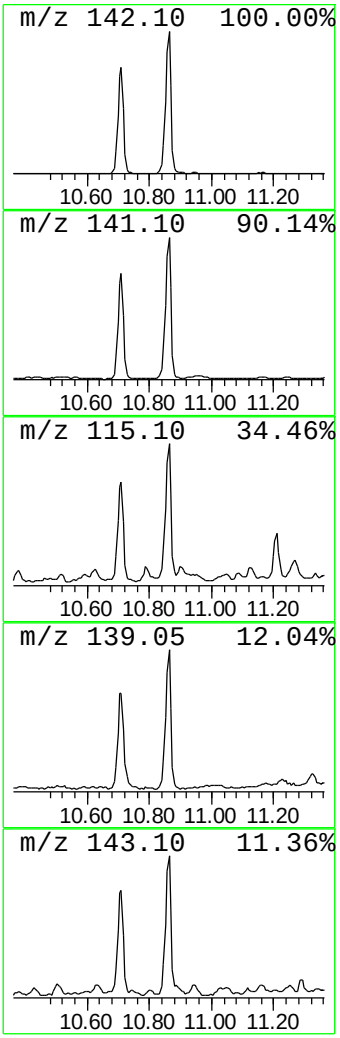
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	21.08 ng	1549590	Naphthalene-d8	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Benzocycloheptatriene	142	C11H10	000264-09-5	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87





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ClientSampleId : VE-3-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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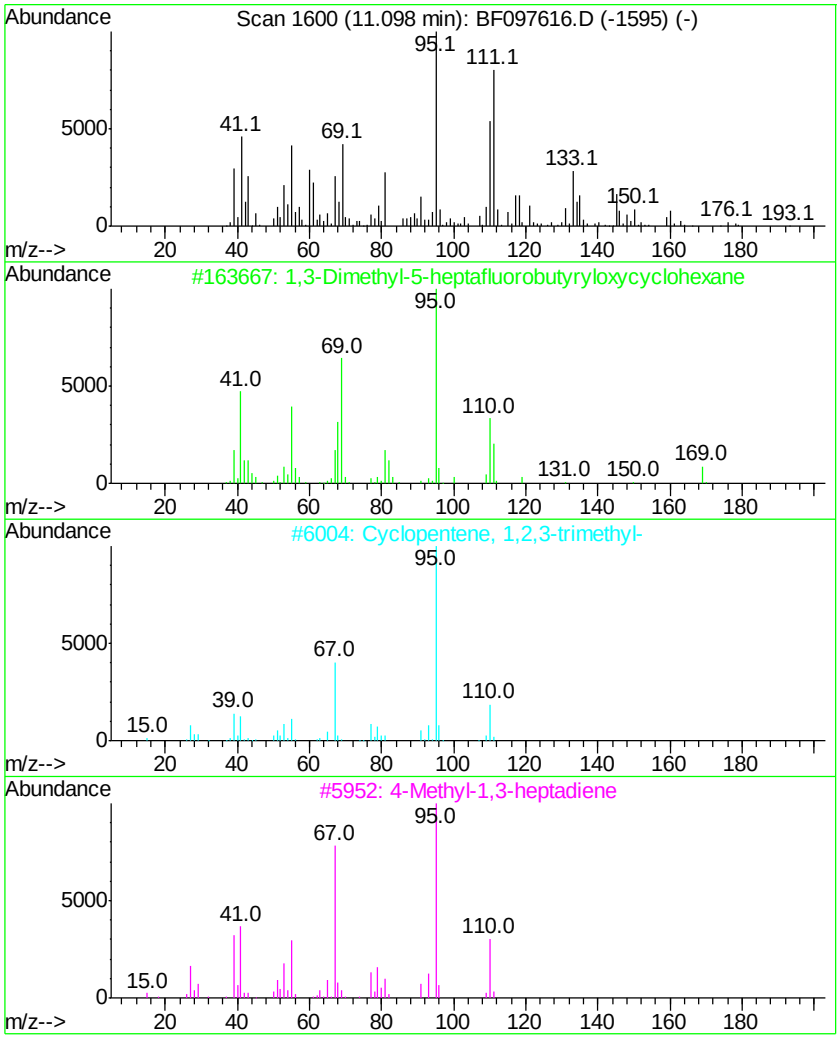
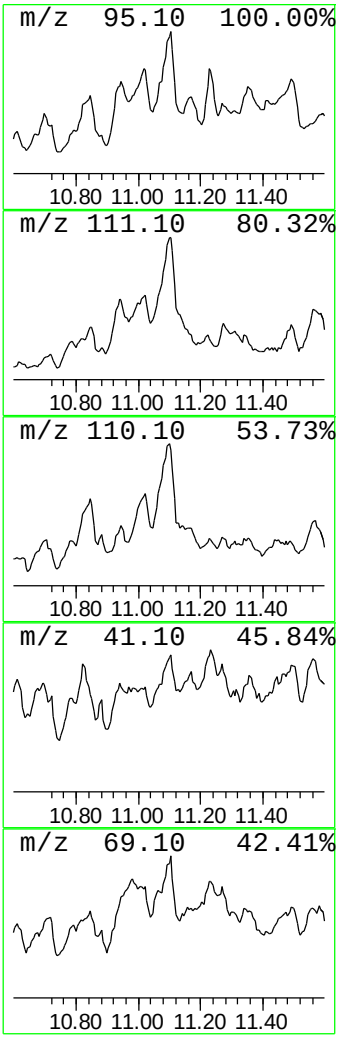
Peak Number 11 unknown11.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	25.68 ng	963665	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-heptafluorobutyryl...	324	C12H15F7O2	1000216-63-8	27
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	25
3	4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	25
4	2-Fluoro-3-methylpyridine	111	C6H6FN	017282-04-1	22
5	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	22





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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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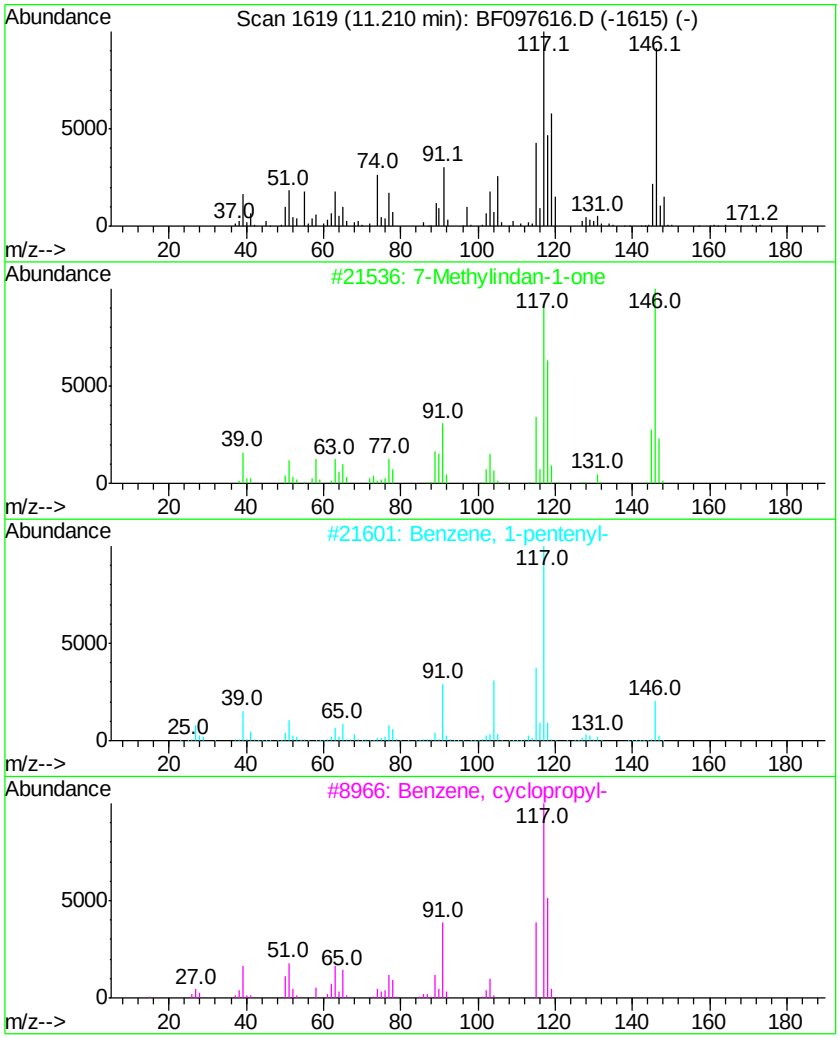
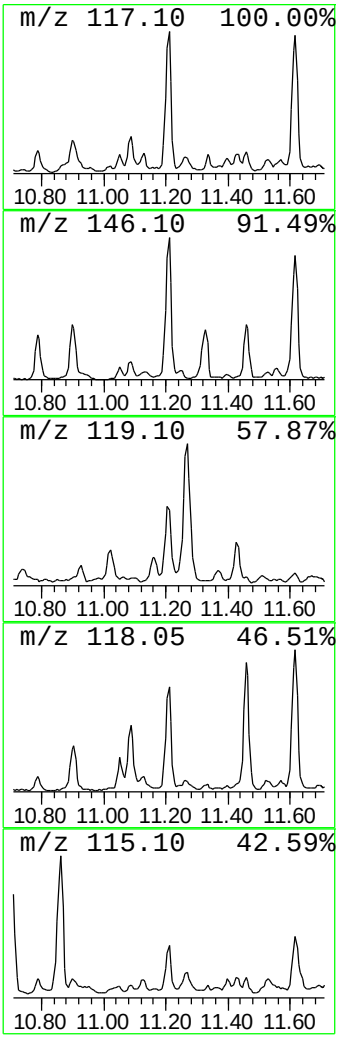
Peak Number 12 7-Methylindan-1-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	27.66 ng	1037980	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	86
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	52
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	38
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	30
5	1H-Benzimidazole-2-carboxaldehyde	146	C8H6N2O	003314-30-5	30





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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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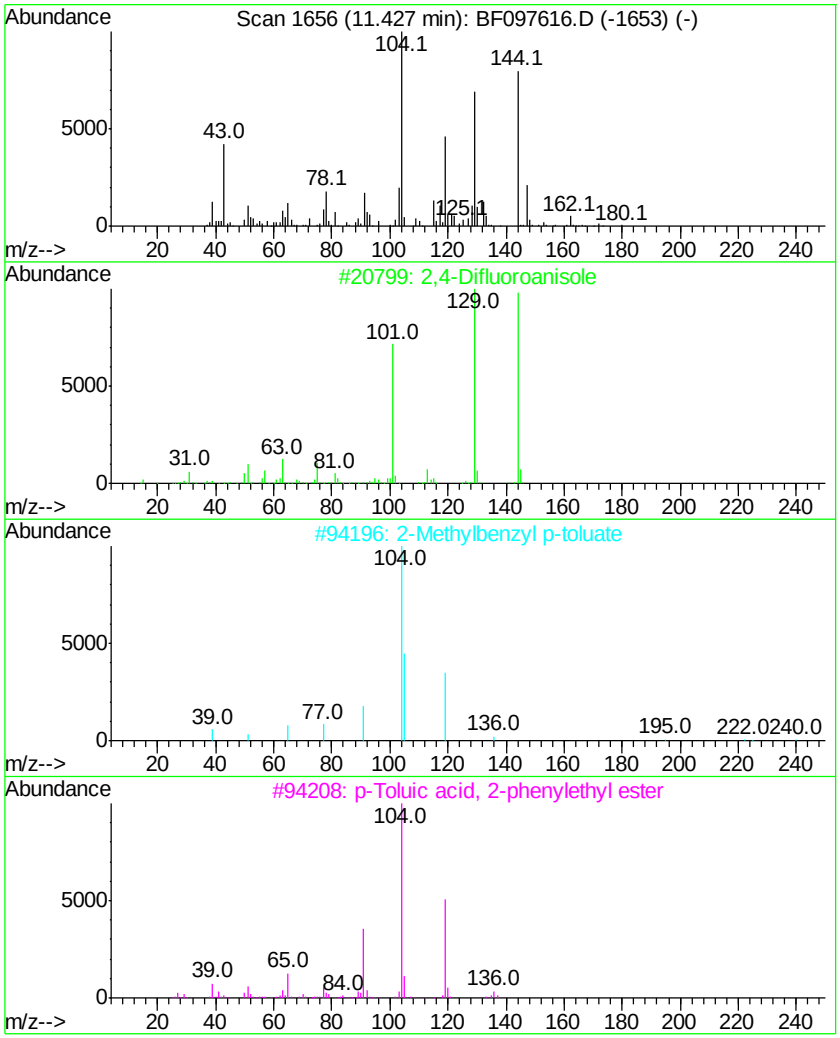
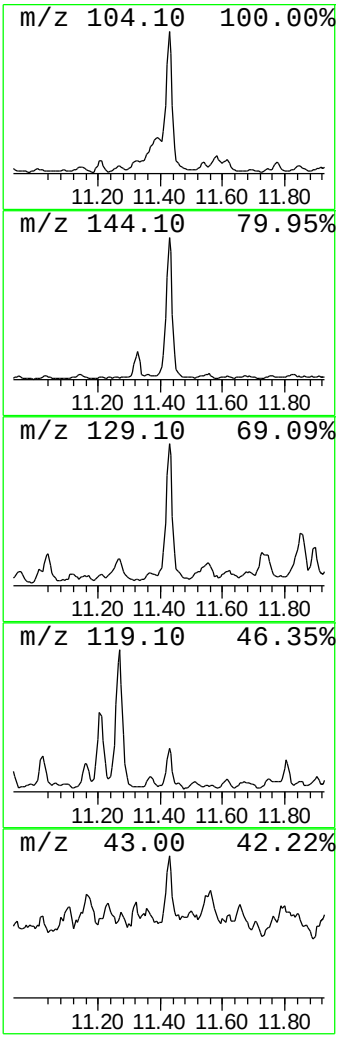
Peak Number 13 unknown11.43 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	13.18 ng	494590	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Difluoroanisole	144	C7H6F2O	000452-10-8	27
2	2-Methylbenzyl p-toluate	240	C16H16O2	067157-61-3	22
3	p-Toluic acid, 2-phenylethyl ester	240	C16H16O2	203587-50-2	22
4	o-Toluic acid, 2-phenylethyl ester	240	C16H16O2	1000293-42-6	22
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	22





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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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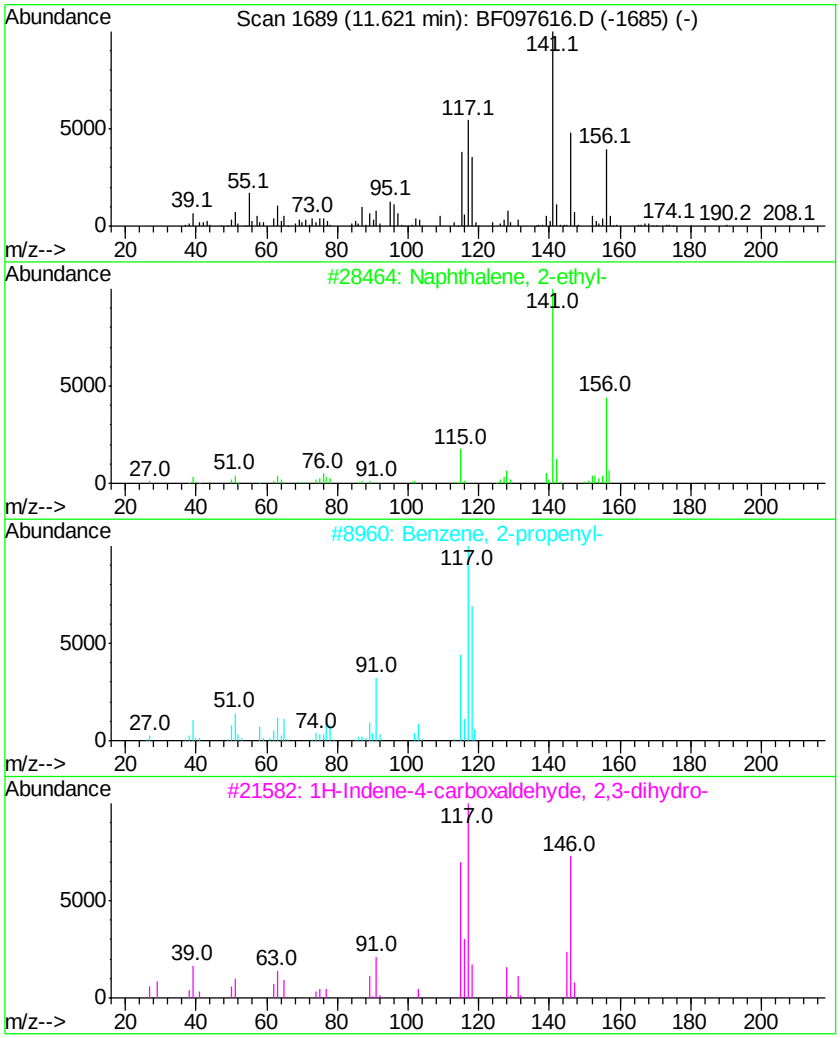
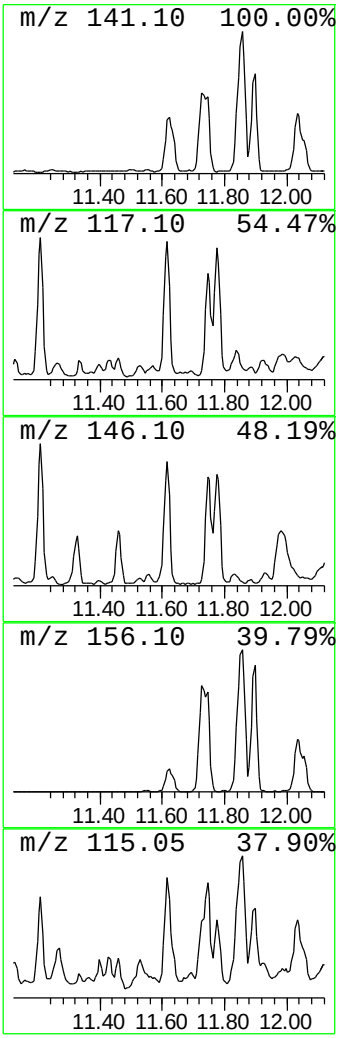
Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	23.99 ng	900272	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	74
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	49
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	44
5	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	43





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Misc :
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Instrument : BNA_F
ClientSampleId : VE-3-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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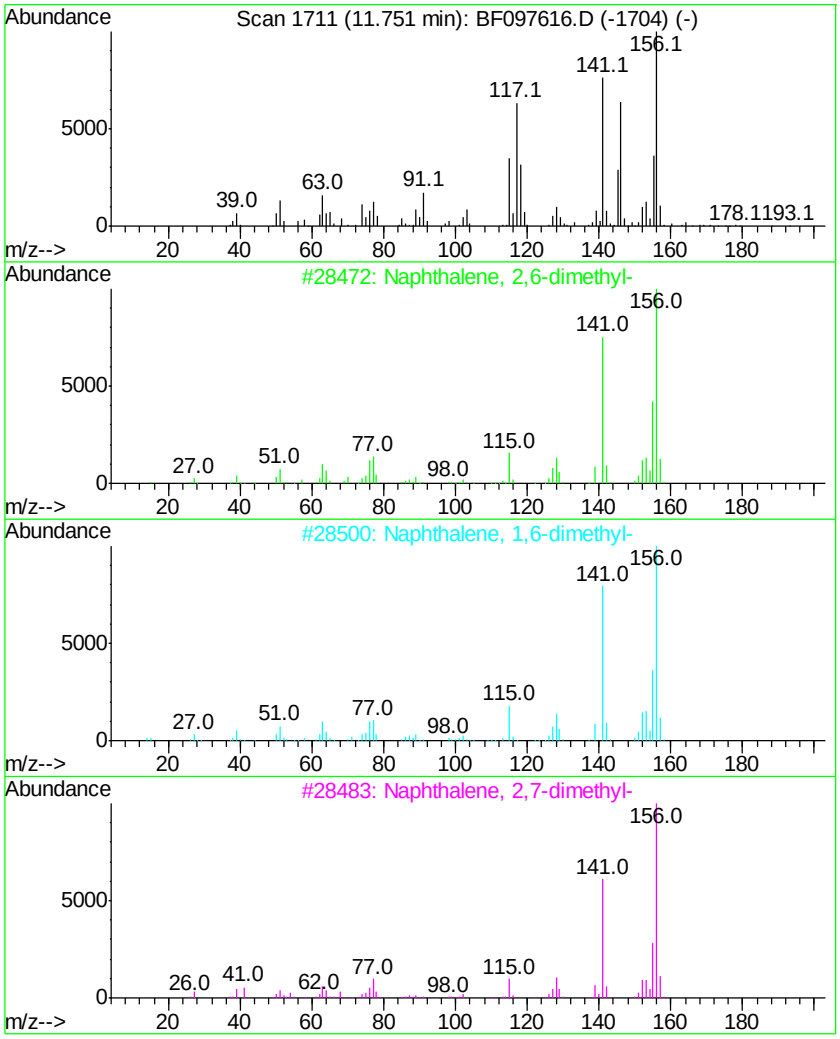
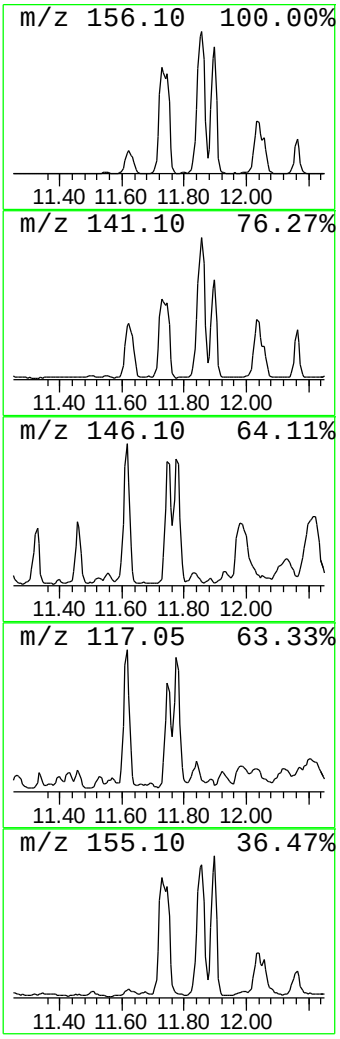
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	36.63 ng	1374610	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Misc :
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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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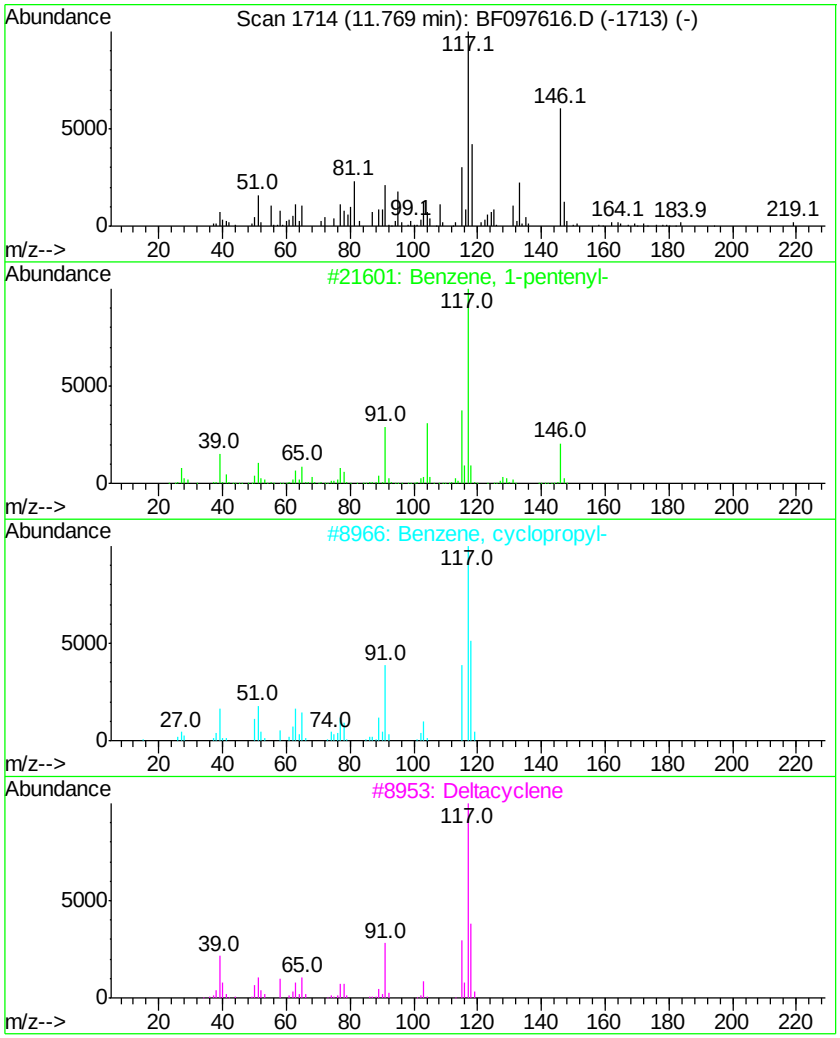
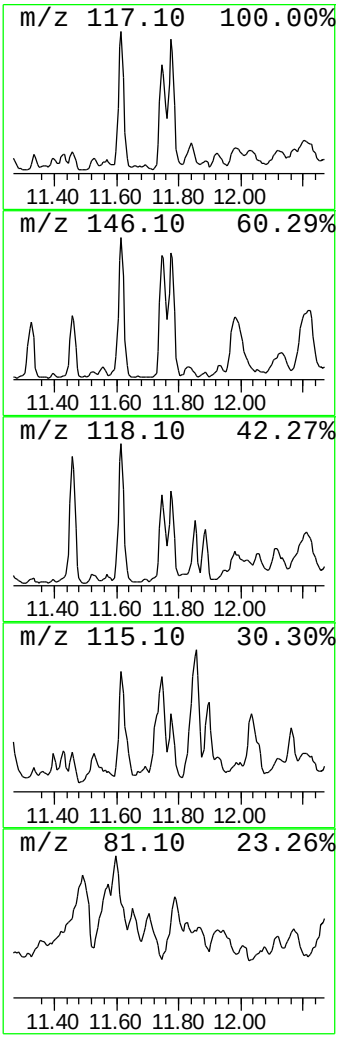
Peak Number 16 Benzene, 1-pentenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	16.24 ng	609571	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
3	Deltacyclene	118	C9H10	007785-10-6	55
4	Indane	118	C9H10	000496-11-7	50
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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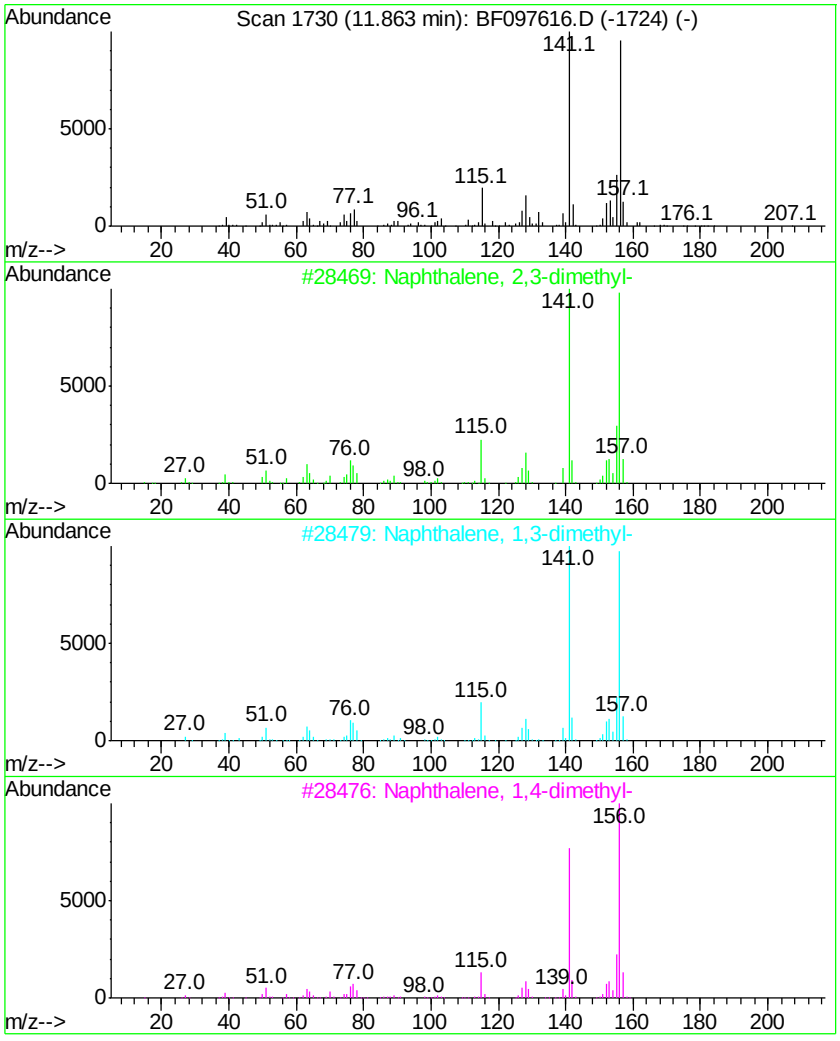
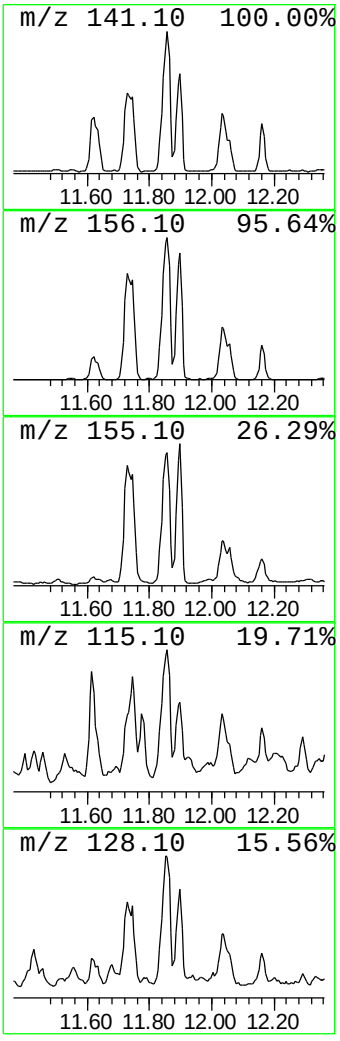
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	43.02 ng	1614670	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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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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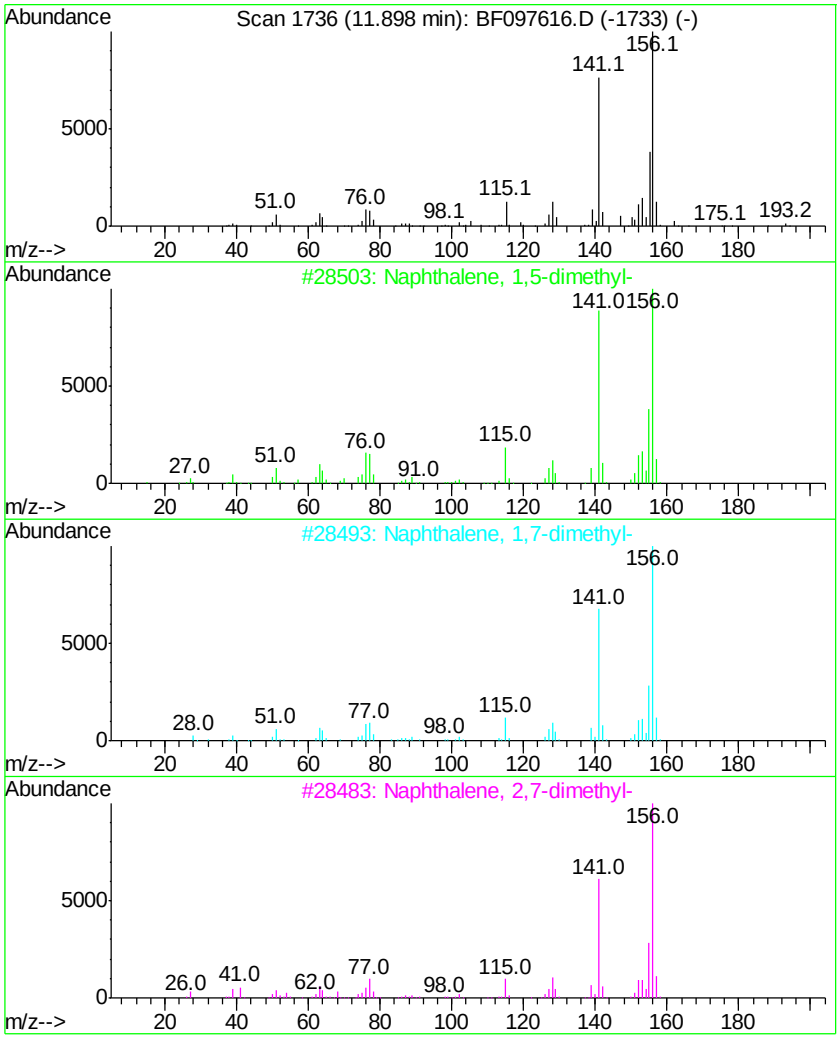
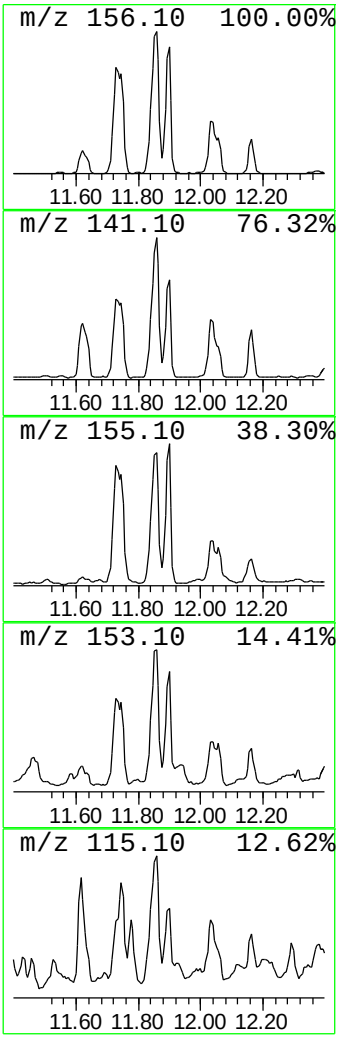
Peak Number 18 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	15.98 ng	599787	Acenaphthene-d10	12.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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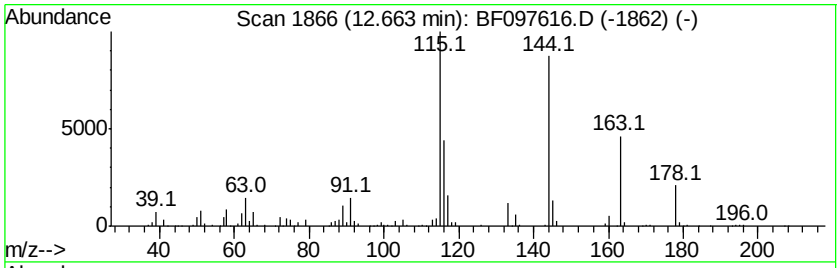
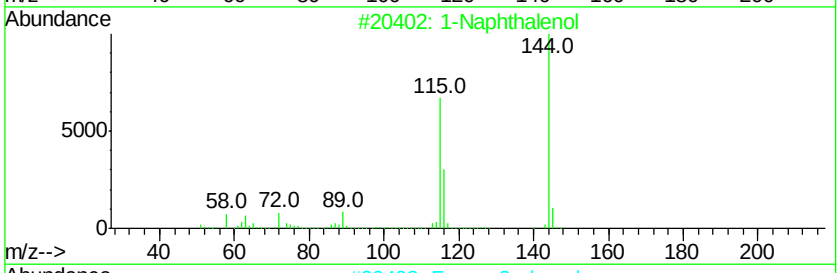
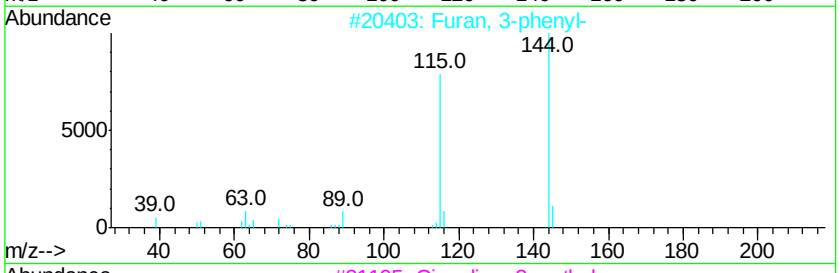
Peak Number 19 1-Naphthalenol Concentration Rank 4

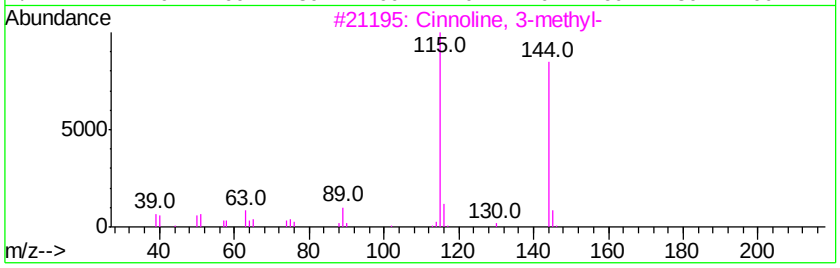
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	30.64 ng	1149760	Acenaphthene-d10	12.37

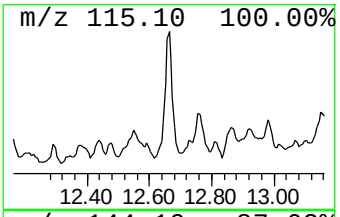
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	93
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	60
3	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	60
4	2-Naphthalenol	144	C10H8O	000135-19-3	50
5	Benzofuran, 2-ethenyl-	144	C10H8O	007522-79-4	49

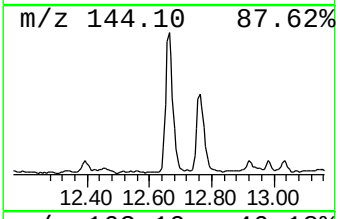


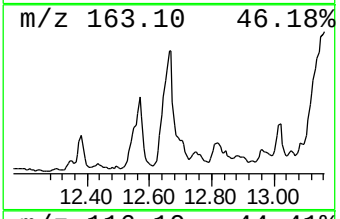


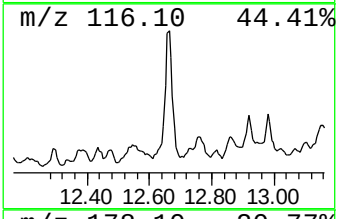


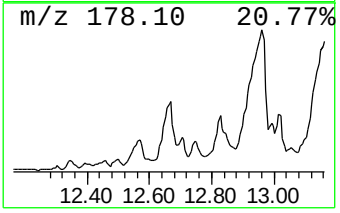












Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097616.D
Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

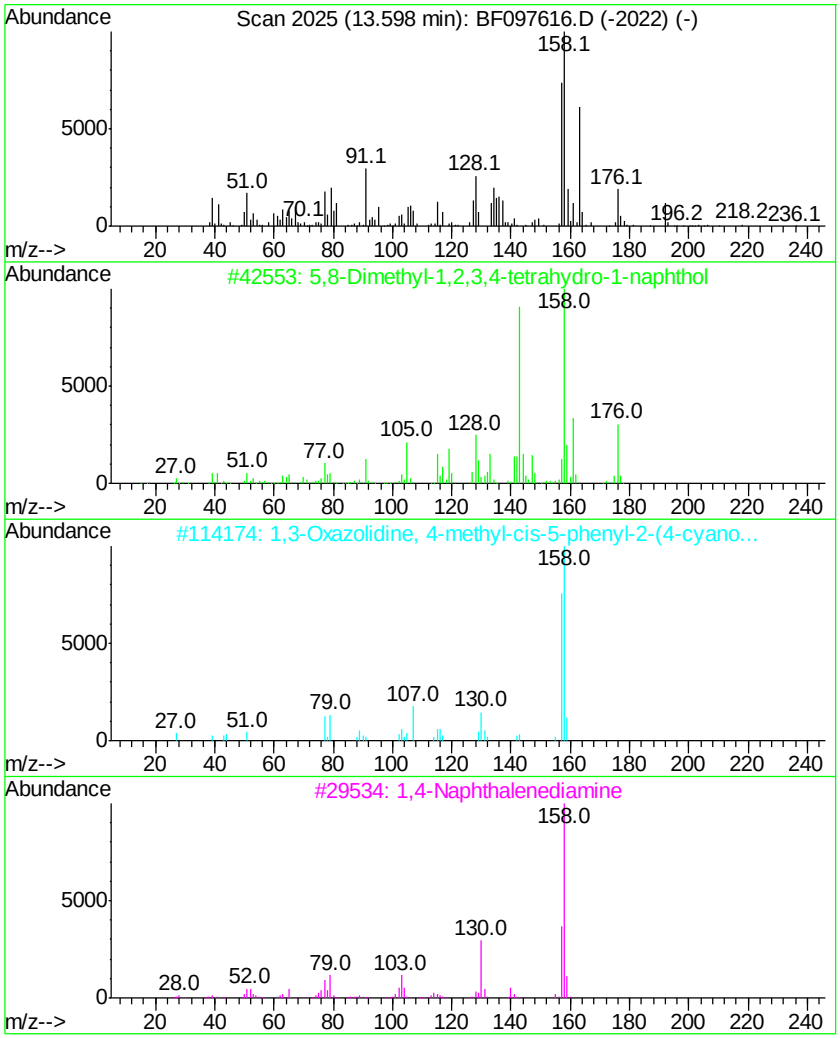
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

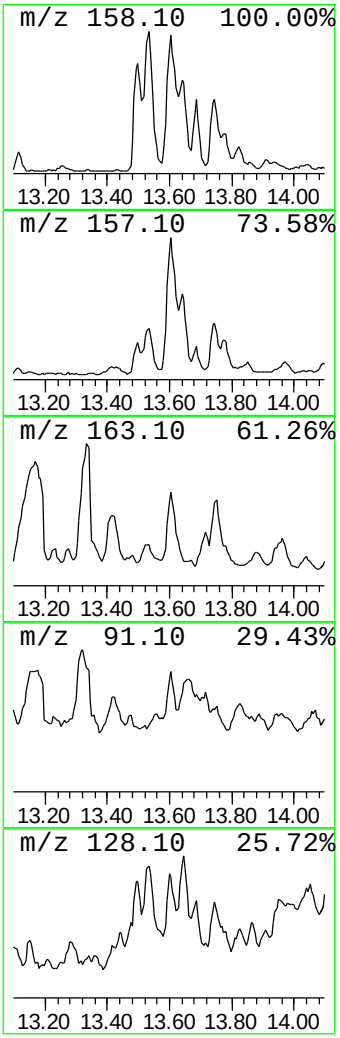
****

Peak Number 20 unknown13.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	20.00 ng	1007370	Phenanthrene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8-Dimethyl-1,2,3,4-tetrahydro-...	176	C12H16O	032820-12-5	35
2	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	32
3	1,4-Naphthalenediamine	158	C10H10N2	002243-61-0	22
4	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	22
5	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081117\
Data File : BF097616.D
Acq On : 12 Aug 2017 2:47
Operator : SJ/JU
Sample : I4631-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-3-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081117.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
Benzene, 1-ethyl-...	7.60	14.0	ng	396785	1	7.51	568568	20.0
unknown9.75	9.75	19.1	ng	1404920	2	9.54	1470020	20.0
Benzene, (2-methy...	10.20	13.0	ng	956895	2	9.54	1470020	20.0
Phenol, 2-ethyl-6...	10.28	12.5	ng	921302	2	9.54	1470020	20.0
unknown10.52	10.52	21.5	ng	1583480	2	9.54	1470020	20.0
1H-Inden-1-one, 2...	10.55	25.9	ng	1902220	2	9.54	1470020	20.0
Benzo[b]thiophene...	10.62	15.3	ng	1124570	2	9.54	1470020	20.0
Naphthalene, 2-me...	10.86	21.1	ng	1549590	2	9.54	1470020	20.0
unknown11.10	11.10	25.7	ng	963665	3	12.37	750604	20.0
7-Methylindan-1-one	11.21	27.7	ng	1037980	3	12.37	750604	20.0
unknown11.43	11.43	13.2	ng	494590	3	12.37	750604	20.0
Naphthalene, 2-et...	11.62	24.0	ng	900272	3	12.37	750604	20.0
Naphthalene, 2,6-...	11.75	36.6	ng	1374610	3	12.37	750604	20.0
Benzene, 1-pentenyl-	11.77	16.2	ng	609571	3	12.37	750604	20.0
Naphthalene, 2,3-...	11.86	43.0	ng	1614670	3	12.37	750604	20.0
Naphthalene, 1,5-...	11.90	16.0	ng	599787	3	12.37	750604	20.0
1-Naphthalenol	12.66	30.6	ng	1149760	3	12.37	750604	20.0
unknown13.60	13.60	20.0	ng	1007370	4	14.79	1007370	20.0