LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

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-BF121218.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	4.998	491	495	501	rVB	331853	421648	5.31%	0.219%
2	5.410	559	565	568	rBV	6476372	6957788	87.64%	3.606%
3	5.710	612	616	623	rVB	489575	472165	5.95%	0.245%
4	5.957	652	658	661	rBV3	300484	418173	5.27%	0.217%
5	6.251	701	708	711	rBV2	578896	907462	11.43%	0.470%
6	6.298	711	716	719	rVV	1219958	1327135	16.72%	0.688%
7	6.351	719	725	729	rVV2	1828840	2243593	28.26%	1.163%
8	6.392	729	732	734	rVV	704857	662798	8.35%	0.344%
9	6.428	734	738	744	rVV2	6086251	7939396	100.00%	4.115%
10	6.481	744	747	754	rVB	2576001	2375418	29.92%	1.231%
11	6.563	754	761	764	rBV	7249891	7319754	92.20%	3.794%
12	6.628	768	772	781	rVB2	6989848	7468910	94.07%	3.871%
13	6.740	787	791	795	rBV3	319542	533160	6.72%	0.276%
14	6.792	797	800	803	rVV	2369789	1970502	24.82%	1.021%
15	6.822	803	805	808	rVB2	1165322	982118	12.37%	0.509%
16	6.857	808	811	815	rBV2	1347317	1418708	17.87%	0.735%
17	6.951	819	827	829	rVV	6426157	6196360	78.05%	3.211%
18	6.975	829	831	835	rVB	1996874	1658795	20.89%	0.860%
19	7.045	838	843	846	rBV	1794708	1815160	22.86%	0.941%
20	7.081	846	849	851	rVV2	1377404	1278674	16.11%	0.663%
21	7.116	851	855	858	rVV2	2941392	2722924	34.30%	1.411%
22	7.145	858	860	864	rVB2	1483312	1316483	16.58%	0.682%
23	7.192	864	868	872	rBV	2597184	2054322	25.88%	1.065%
24	7.263	878	880	882	rVV	2546222	2415317	30.42%	1.252%
25	7.287	882	884	887	rVB	2388995	2177047	27.42%	1.128%
26	7.339	887	893	894	rBV	6105868	5803460	73.10%	3.008%
27	7.357	894	896	901	rVV2	4643886	4949696	62.34%	2.565%
28	7.404	901	904	907	rVB	1506023	1222251	15.39%	0.633%
29	7.445	907	911	915	rBV2	948676	1143398	14.40%	0.593%
30	7.481	915	917	920	rBV	1880504	1729437	21.78%	0.896%
31	7.516	920	923	925	rVB2	598992	603492	7.60%	0.313%
32	7.569	927	932	934	rBV	3669825	3512779	44.24%	1.821%
33	7.598	934	937	940	rVB	5247501	4471017	56.31%	2.317%
34	7.687	948	952	954	rBV	1357144	1199500	15.11%	0.622%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.710	954	956	957	rVV	1128659	929299	11.70%	0.482%
36	7.734	957	960	961	rVV2	797875	916320	11.54%	0.475%
37	7.751	961	963	965	rVV	2935062	2477833	31.21%	1.284%
38	7.769	965	966	969	rVB2	1521289	1049637	13.22%	0.544%
39	7.816	969	974	977	rBV3	3994280	6030769	75.96%	3.126%
40	7.851	977	980	983	rVV2	2378728	2743123	34.55%	1.422%
41	7.887	983	986	987	rVV2	1412777	1447893	18.24%	0.750%
42	7.898	987	988	990	rVV	1276911	1020106	12.85%	0.529%
43	7.951	993	997	999	rVB	1833862	1423754	17.93%	0.738%
44	8.039	1007	1012	1014	rBV3	1012236	1429483	18.00%	0.741%
45	8.069	1014	1017	1020	rVV2	4421494	5075206	63.92%	2.630%
46	8.098	1020	1022	1025	rVV3	3103307	3353004	42.23%	1.738%
47	8.128	1025	1027	1029	rVV	1749778	1340343	16.88%	0.695%
48	8.151	1029	1031	1032	rVV	1255885	884144	11.14%	0.458%
49	8.169	1032	1034	1038	rVB	1494391	1174537	14.79%	0.609%
50	8.251	1042	1048	1051	rBV4	1158209	1633282	20.57%	0.846%
51	8.286	1051	1054	1057	rVB3	452279	445854	5.62%	0.231%
52	8.316	1057	1059	1061	rBV2	456649	489128	6.16%	0.254%
53	8.357	1064	1066	1068	rVV	1648423	1255013	15.81%	0.650%
54	8.381	1068	1070	1072	rVV3	1198046	1077918	13.58%	0.559%
55	8.404	1072	1074	1076	rVB2	808099	666256	8.39%	0.345%
56	8.434	1076	1079	1081	rBV2	1581644	1231173	15.51%	0.638%
57	8.463	1081	1084	1087	rBV	3195542	2738158	34.49%	1.419%
58	8.510	1089	1092	1096	rVV3	1420007	1455984	18.34%	0.755%
59	8.545	1096	1098	1102	rVB	1764598	1390830	17.52%	0.721%
60	8.586	1102	1105	1108	rBV3	997473	1217830	15.34%	0.631%
61	8.639	1110	1114	1117	rVB2	1022371	1106088	13.93%	0.573%
62	8.669	1117	1119	1122	rBV2	1259492	1434529	18.07%	0.743%
63	8.775	1134	1137	1141	rVB2	1401886	1487534	18.74%	0.771%
64	8.834	1144	1147	1149	rBV2	542247	538424	6.78%	0.279%
65	8.892	1149	1157	1160	rBV	3794256	4407338	55.51%	2.284%
66	8.963	1166	1169	1170	rBV2	511992	416804	5.25%	0.216%
67	9.110	1191	1194	1197	rVB	1248015	1058043	13.33%	0.548%
68	9.151	1197	1201	1204	rBV	6781346	6130556	77.22%	3.177%
69	9.251	1213	1218	1220	rBV	951989	1140026	14.36%	0.591%
70	9.298	1224	1226	1229	rVB	454442	429103	5.40%	0.222%
71	9.410	1242	1245	1251	rVB	1238263	1694050	21.34%	0.878%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

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-BF121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.486	1255	1258	1261	rVV3	1061853	1294576	16.31%	0.671%
73	9.516	1261	1263	1265	rVV	1468091	1140535	14.37%	0.591%
74	9.545	1265	1268	1269	rVV	1199281	1049408	13.22%	0.544%
75	9.563	1269	1271	1273	rVV	1378513	1072950	13.51%	0.556%
76	9.604	1276	1278	1283	rVB2	1054691	1168497	14.72%	0.606%
77	9.686	1290	1292	1298	rVB	788099	773146	9.74%	0.401%
78	9.745	1299	1302	1305	rVB	697289	623859	7.86%	0.323%
79	9.781	1305	1308	1311	rBV	778625	744109	9.37%	0.386%
80	9.828	1311	1316	1319	rBV3	2340513	2885925	36.35%	1.496%
81	9.863	1319	1322	1326	rVB4	476240	515194	6.49%	0.267%
82	9.933	1332	1334	1338	rVB2	469544	662827	8.35%	0.344%
83	10.004	1343	1346	1348	rVV3	399360	477959	6.02%	0.248%
84	10.033	1348	1351	1353	rVV	1708451	1527208	19.24%	0.792%
85	10.075	1355	1358	1359	rVV	518313	516066	6.50%	0.267%
86	10.098	1359	1362	1364	rVV3	523923	516380	6.50%	0.268%
87	10.145	1368	1370	1373	rVV	537986	583716	7.35%	0.303%
88	10.175	1373	1375	1377	rVB	650524	469898	5.92%	0.244%
89	10.245	1384	1387	1391	rVB4	638715	988805	12.45%	0.512%
90	10.375	1406	1409	1411	rBV2	1225726	1105848	13.93%	0.573%
91	10.439	1417	1420	1422	rBV2	607862	506322	6.38%	0.262%
92	10.492	1426	1429	1432	rBV	1529047	1471018	18.53%	0.762%
93	10.616	1446	1450	1454	rBV2	3146268	3023636	38.08%	1.567%
94	10.763	1470	1475	1479	rBV	2822244	3104877	39.11%	1.609%
95	10.816	1482	1484	1486	rBV2	424758	416665	5.25%	0.216%
96	11.227	1551	1554	1560	rVB	3989214	3986407	50.21%	2.066%
97	11.316	1566	1569	1570	rBV	1311020	1182468	14.89%	0.613%
98	11.339	1570	1573	1576	rVB	2864621	2459192	30.97%	1.275%
99	11.580	1612	1614	1617	rVB	1528604	1317650	16.60%	0.683%
100	12.545	1776	1778	1782	rBV2	2728035	2935254	36.97%	1.521%

Sum of corrected areas: 192948607

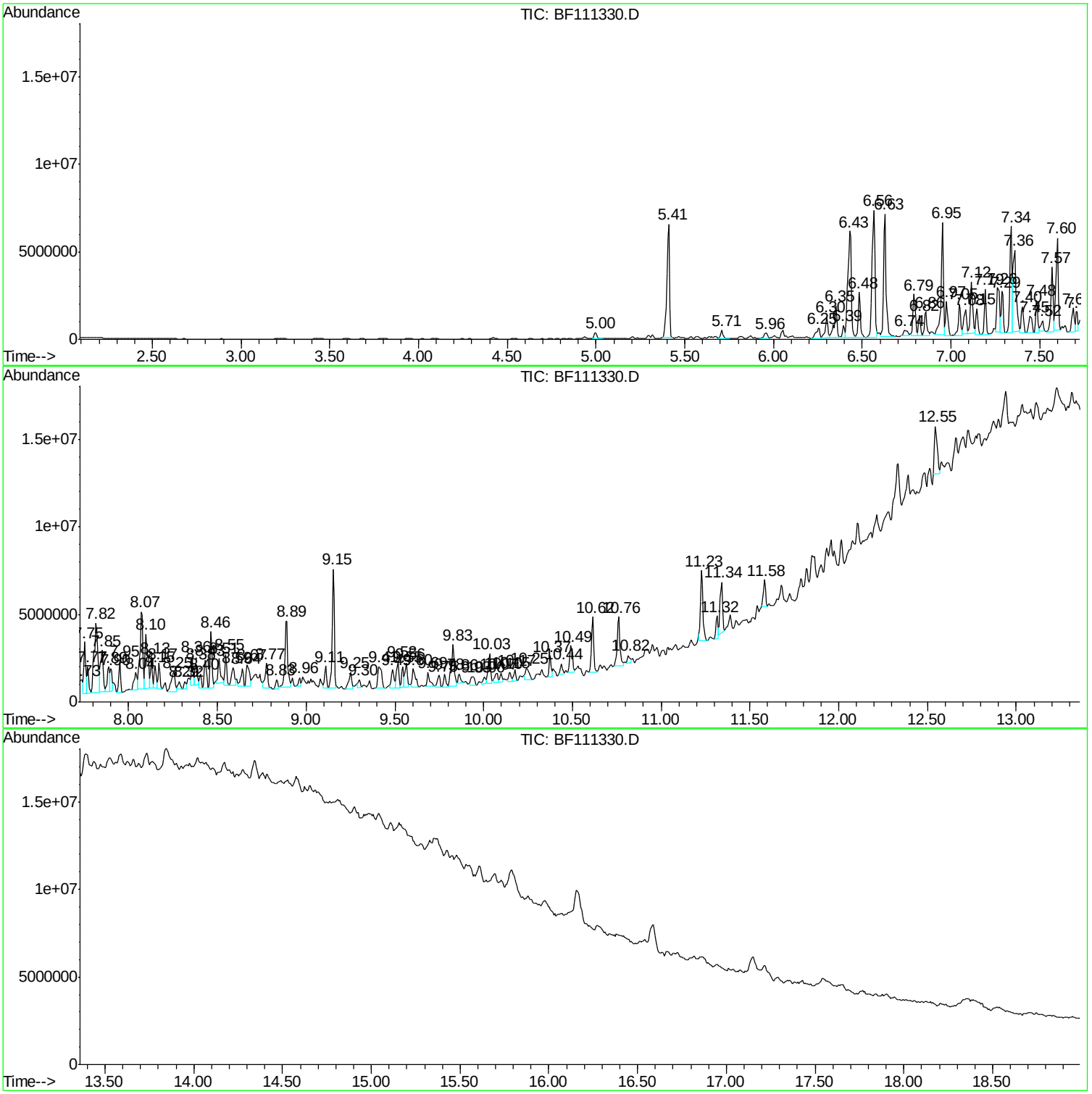
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

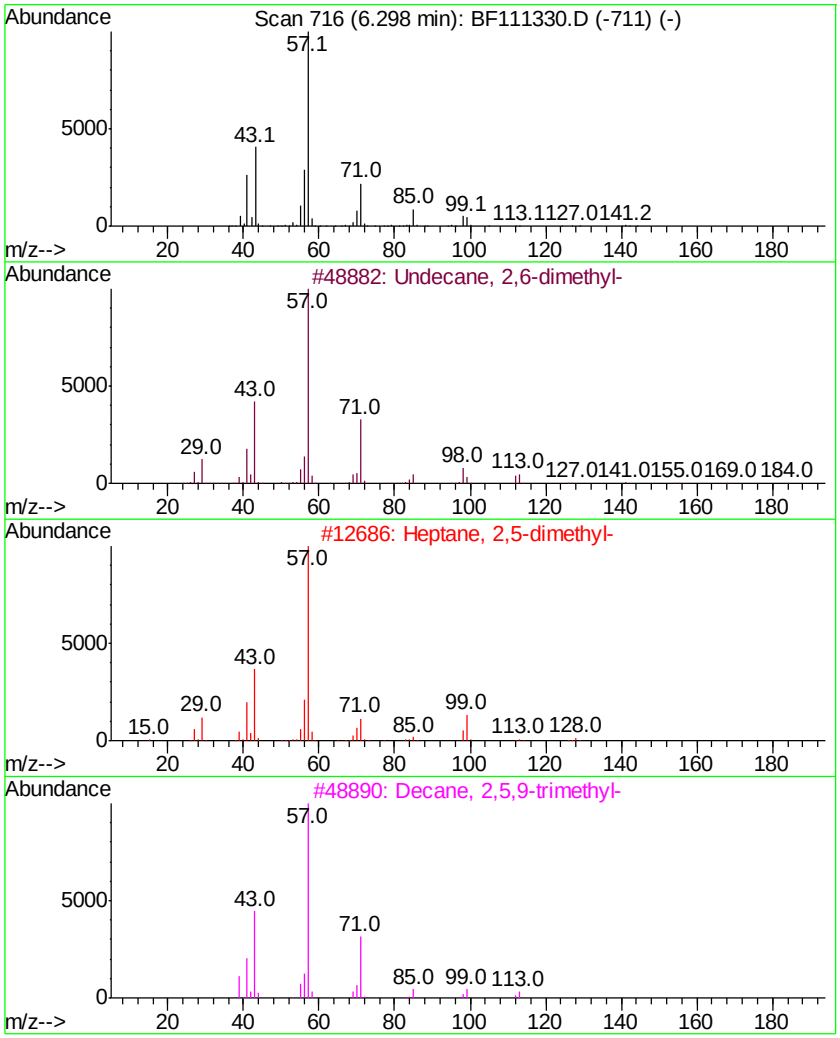
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

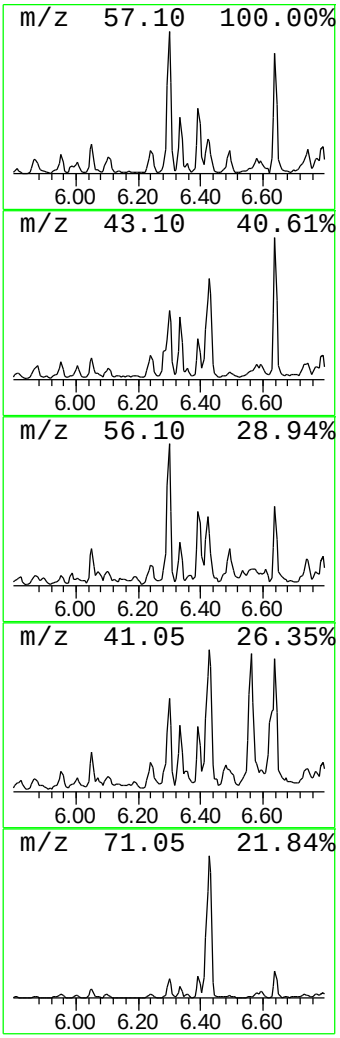
****

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	13.47 ng	1327140	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	56
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

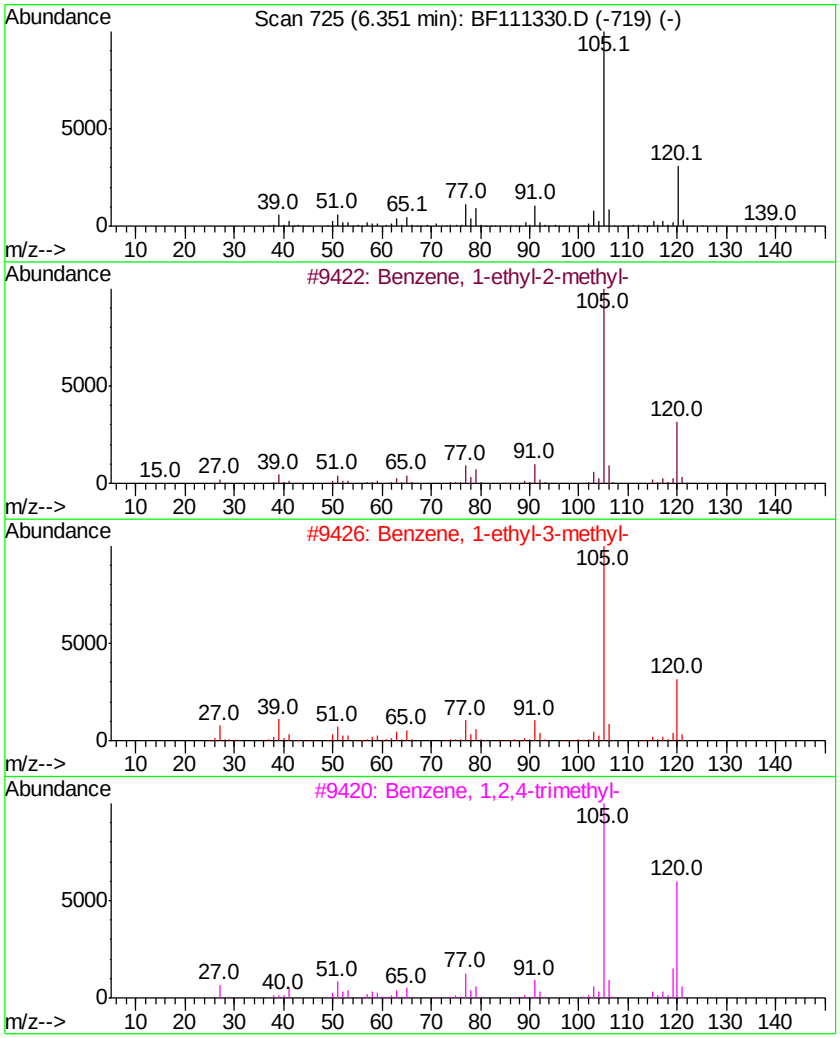
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

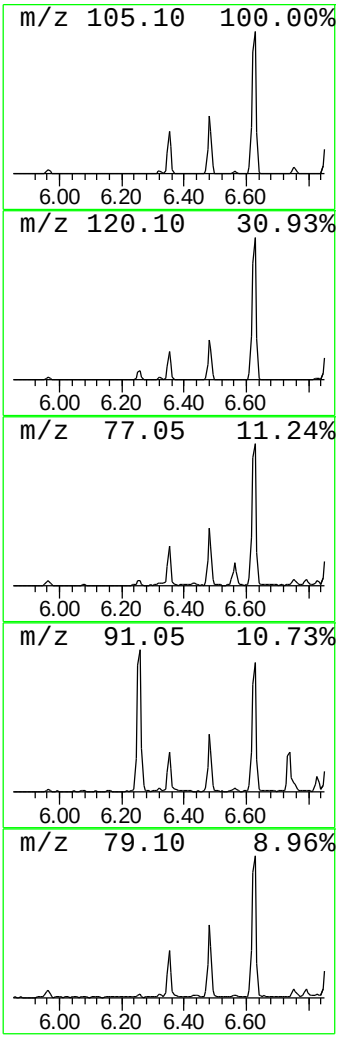
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	22.77 ng	2243590	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

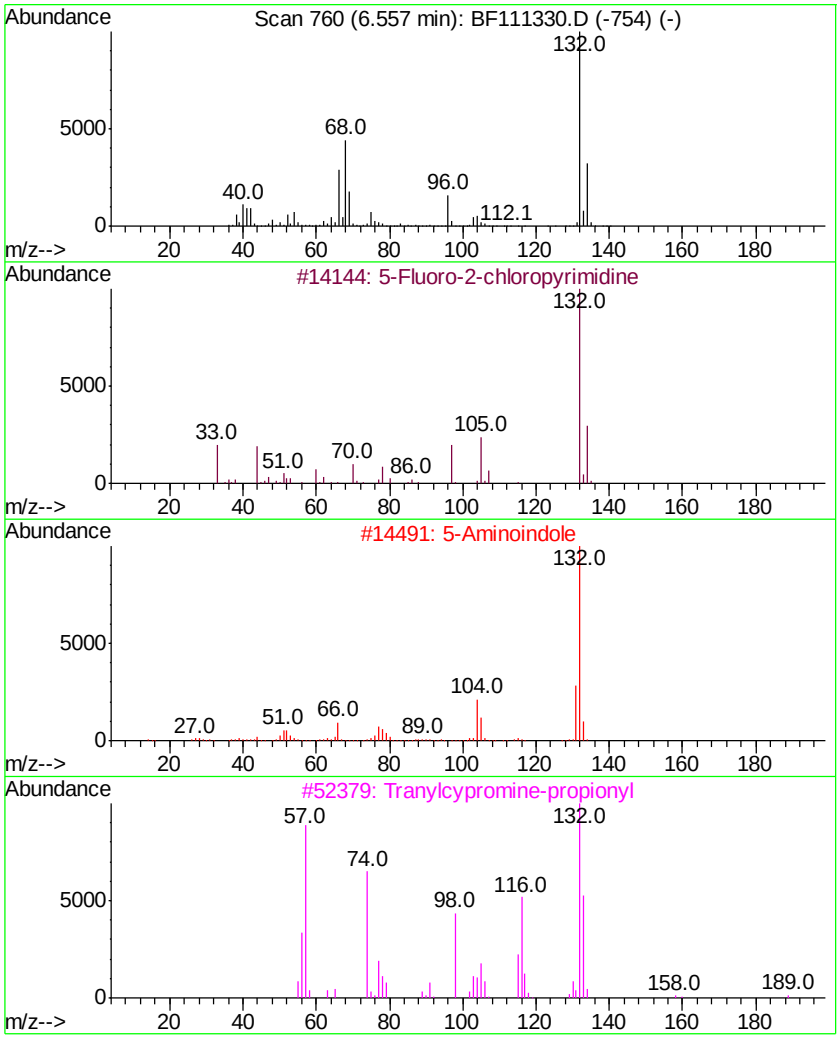
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

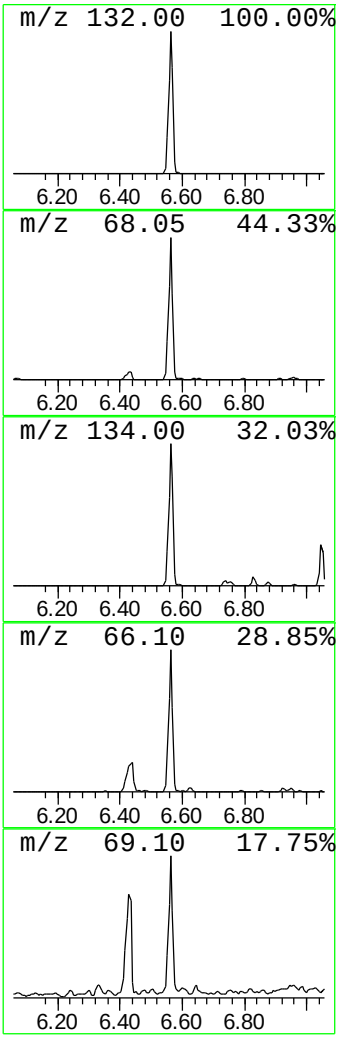
****

Peak Number 3 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	74.29 ng	7319750	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

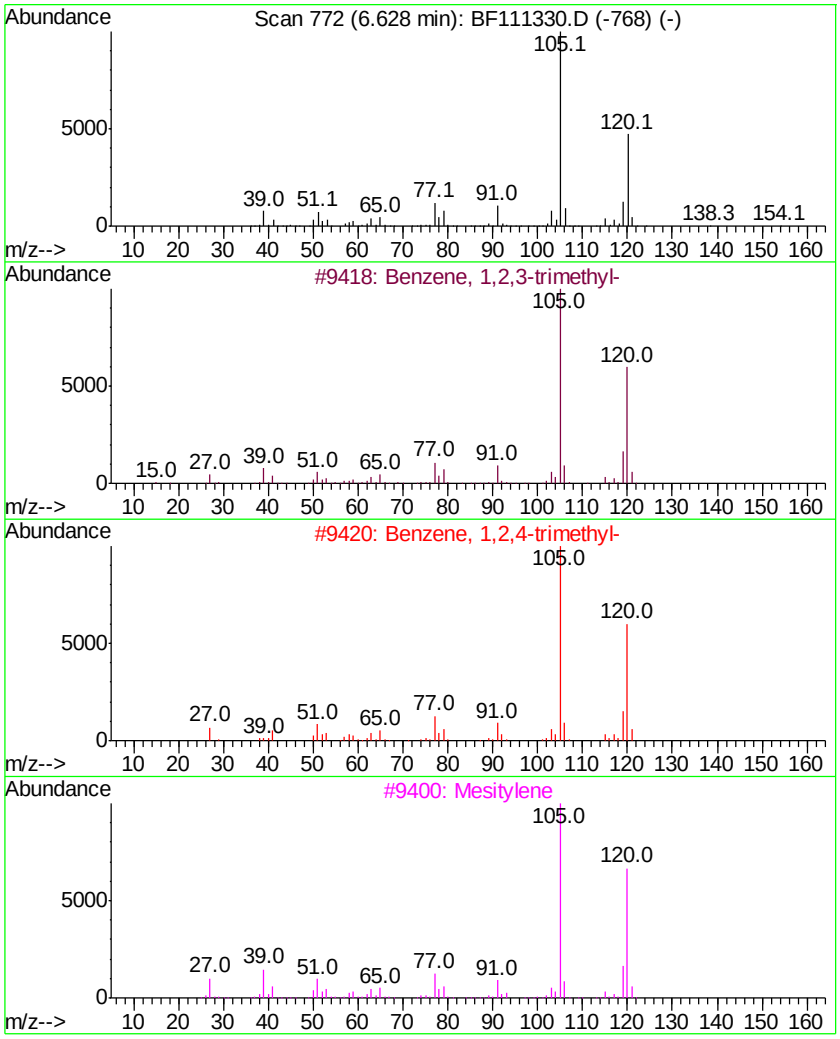
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

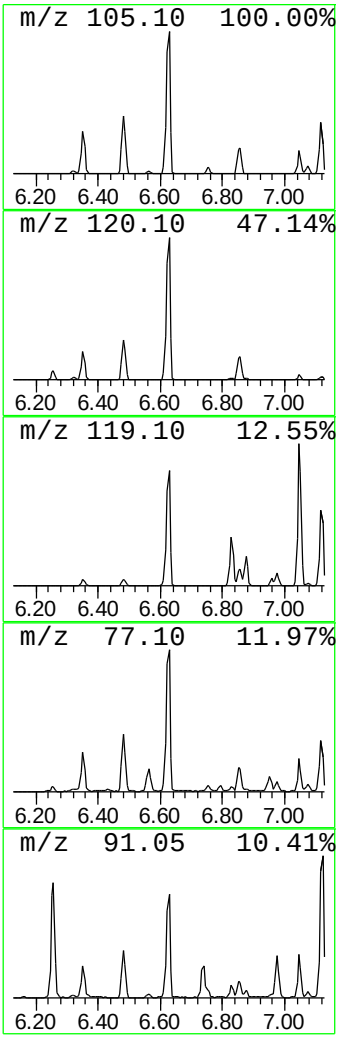
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	75.81 ng	7468910	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

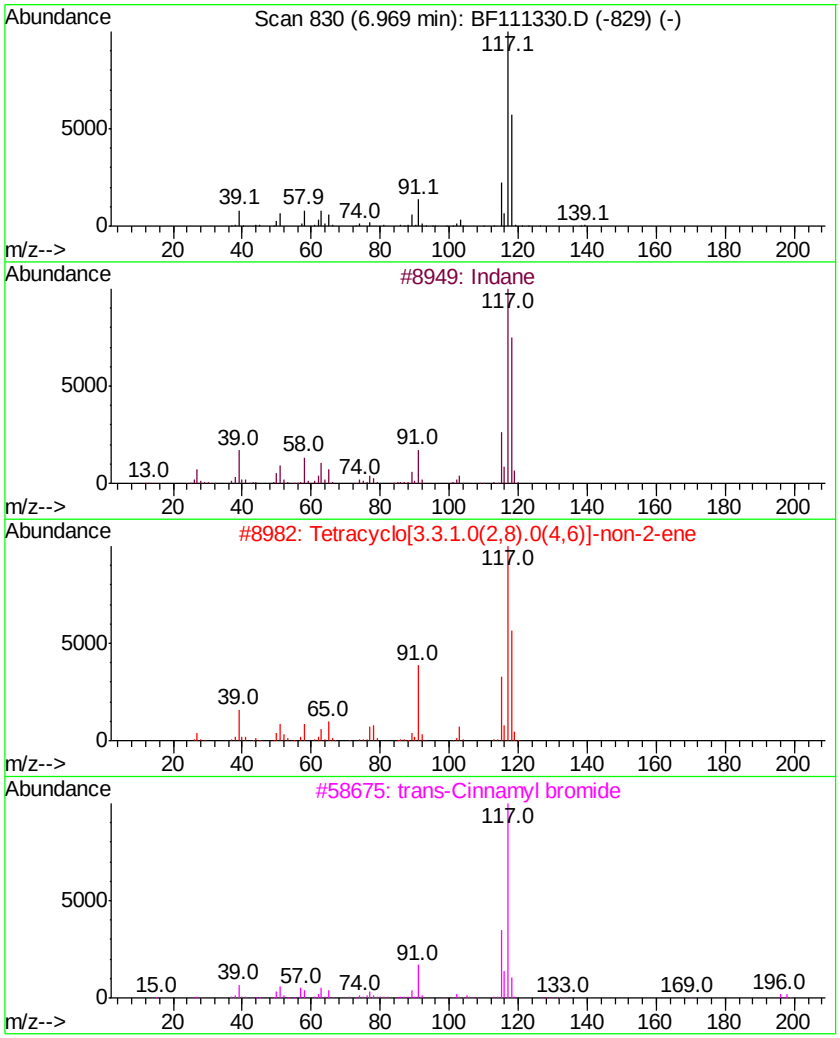
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

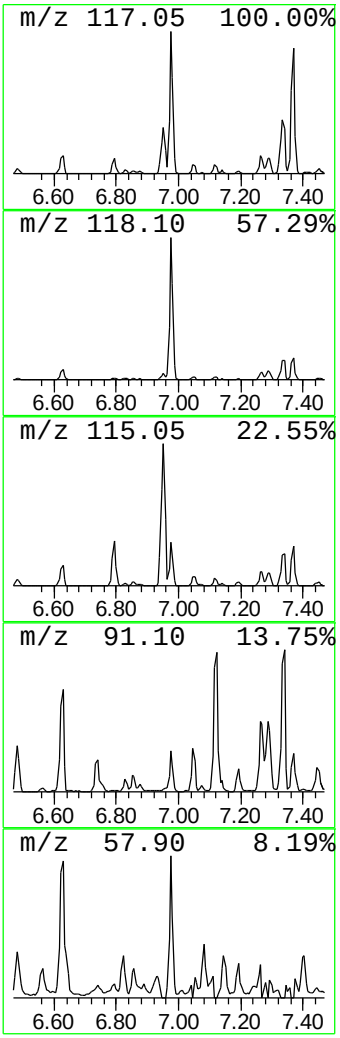
****

Peak Number 7 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	16.84 ng	1658800	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49





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Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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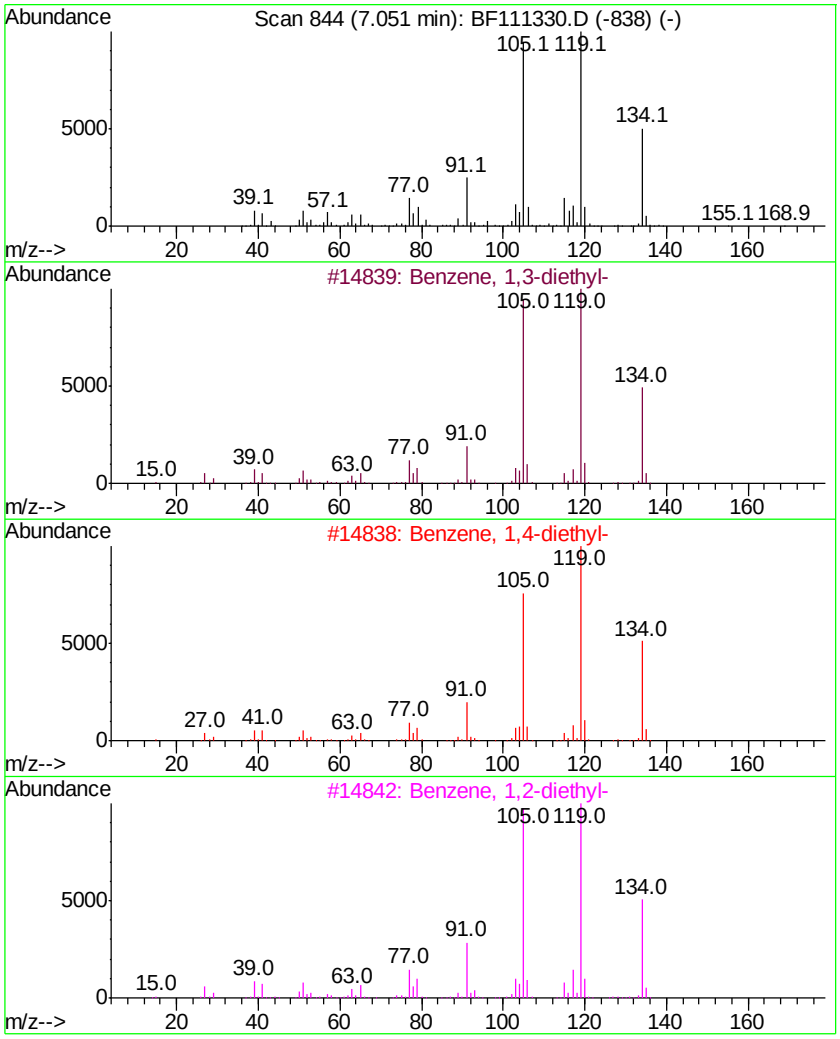
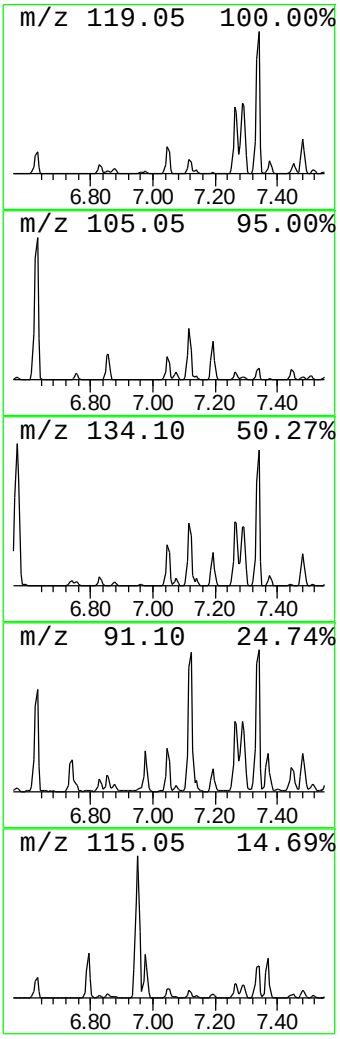
Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	18.42 ng	1815160	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

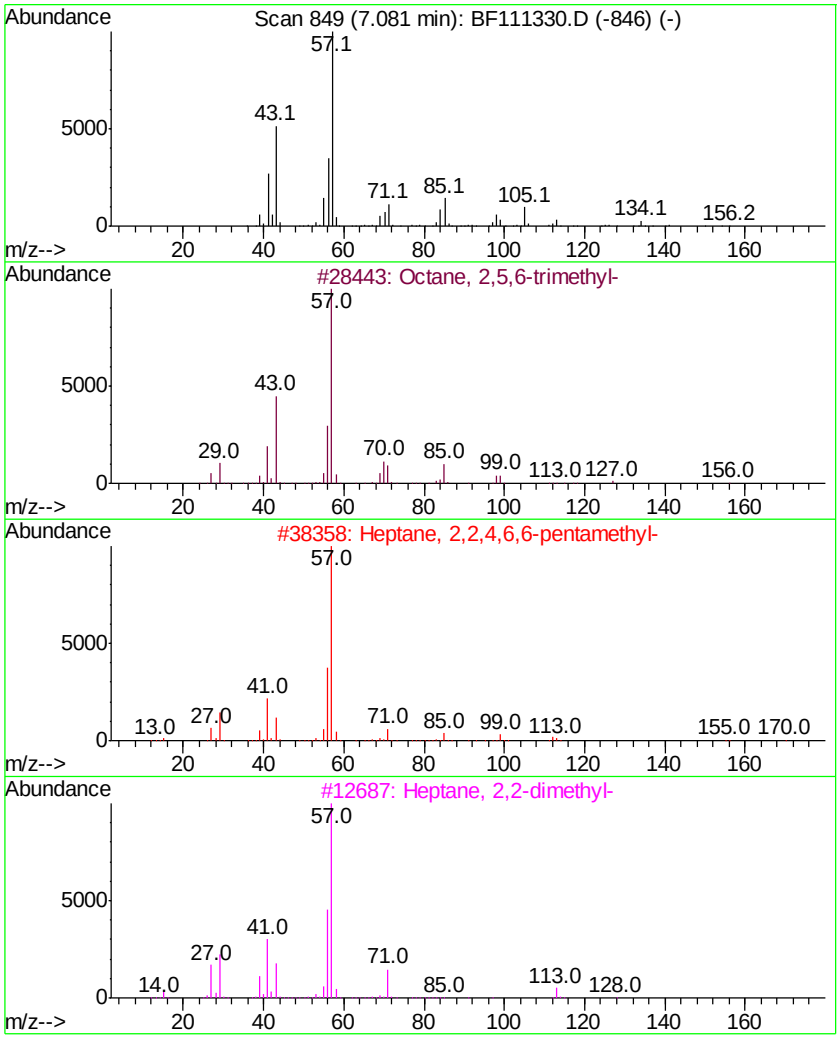
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

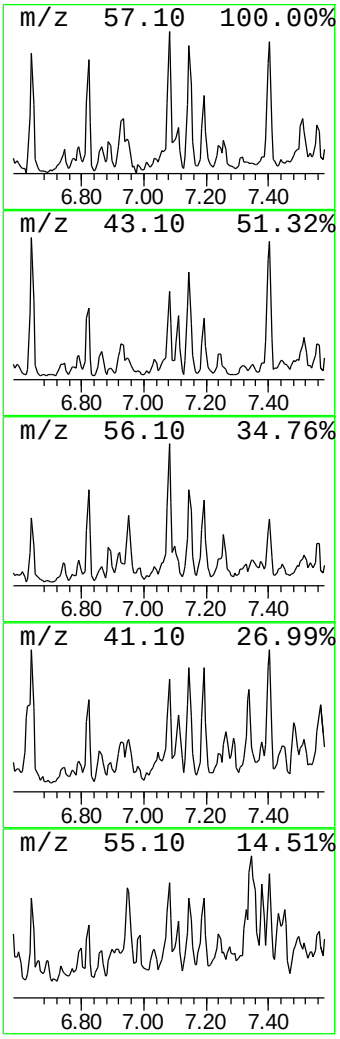
****

Peak Number 9 Octane, 2,5,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	12.98 ng	1278670	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	47
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	47
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47





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Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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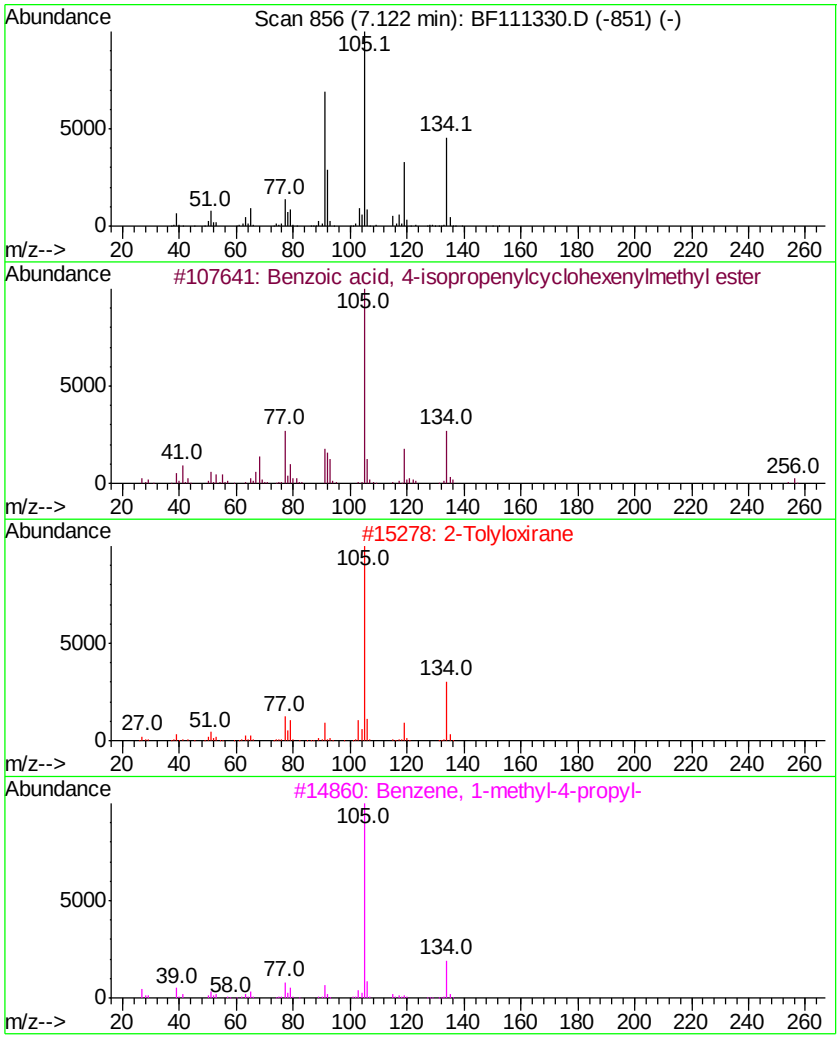
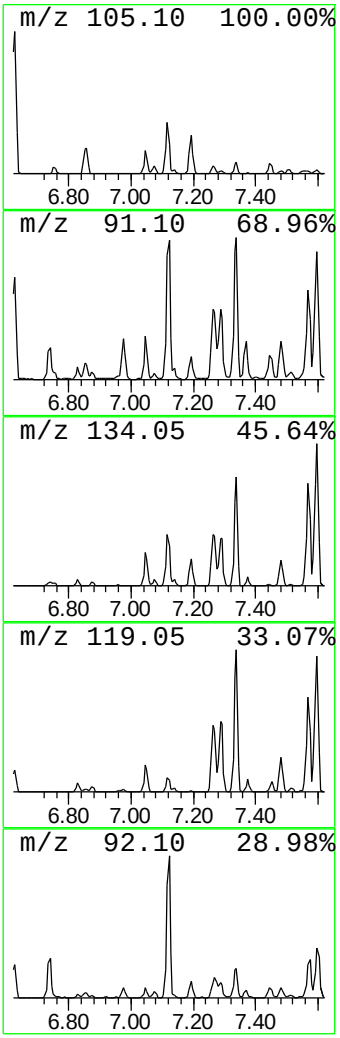
Peak Number 10 Benzoic acid, 4-isopropenyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	27.64 ng	2722920	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-isopropenylcyclo...	256	C17H20O2	1000196-48-6	72
2	2-Tolyloxirane	134	C9H10O	002783-26-8	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	59
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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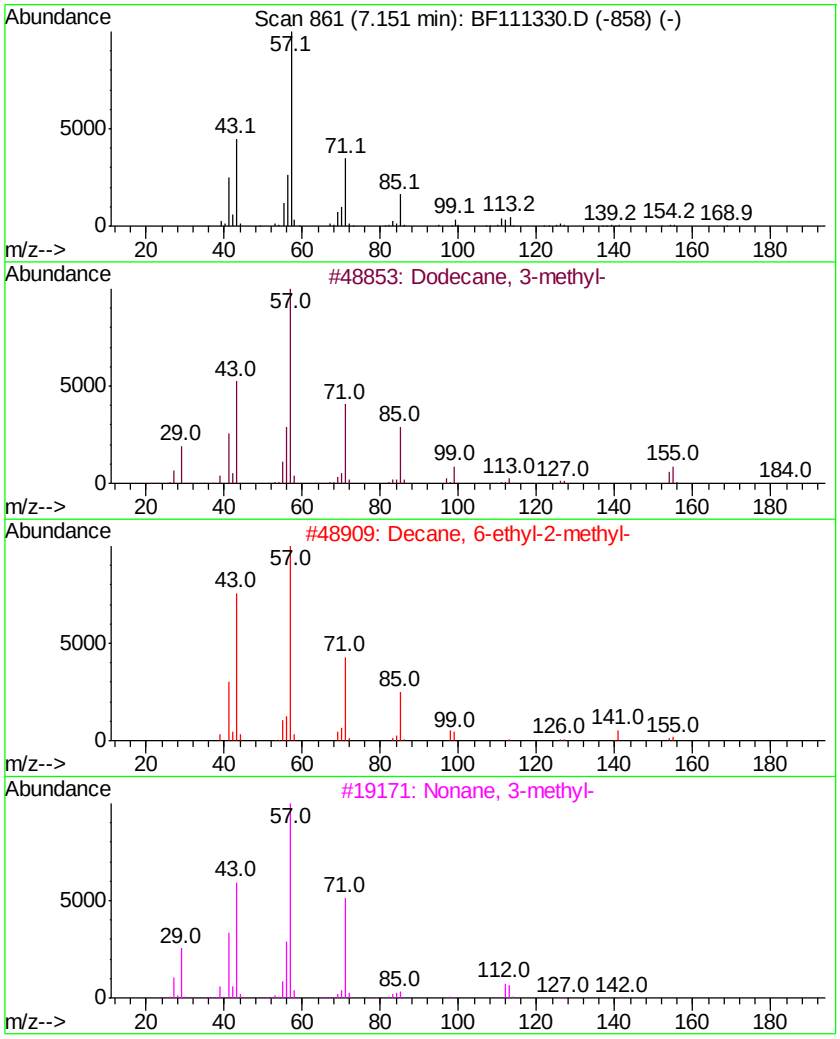
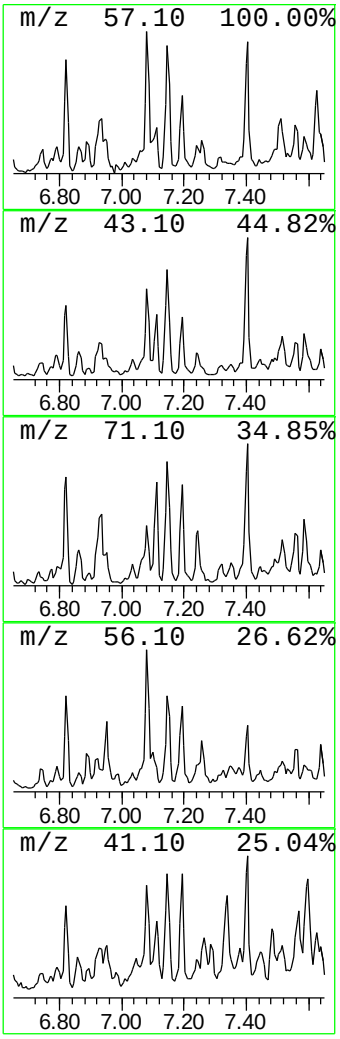
Peak Number 11 Dodecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	13.36 ng	1316480	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	53





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Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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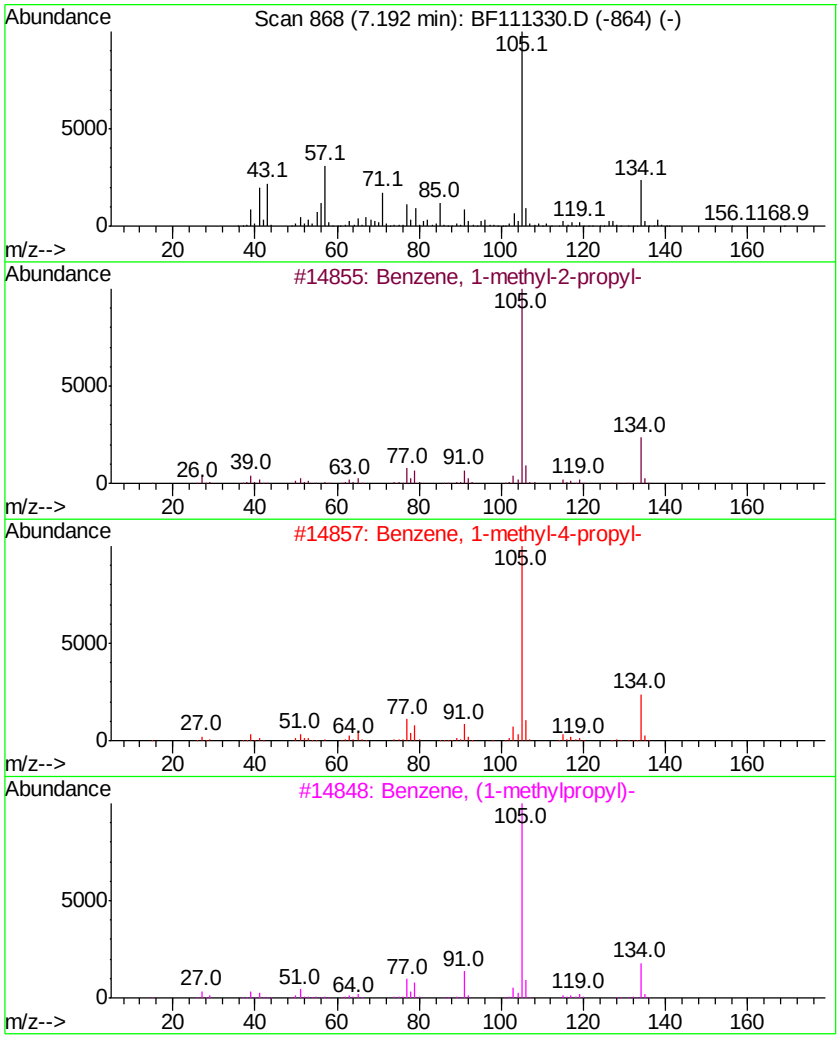
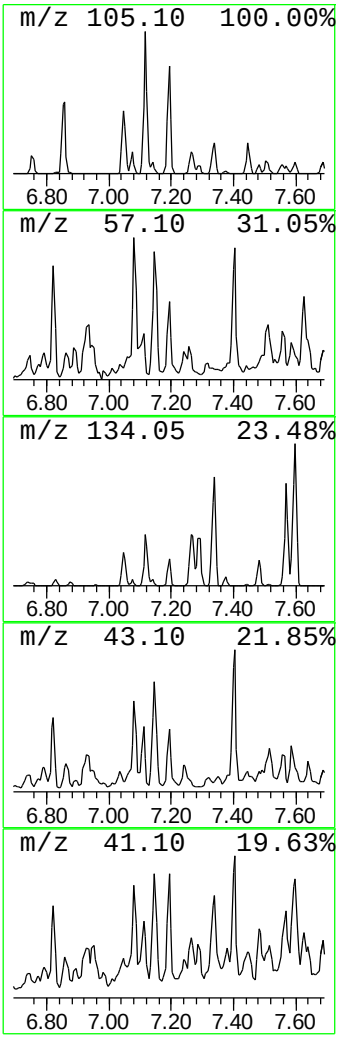
Peak Number 12 Benzene, 1-methyl-2-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	20.85 ng	2054320	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	92
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	92
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	53





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Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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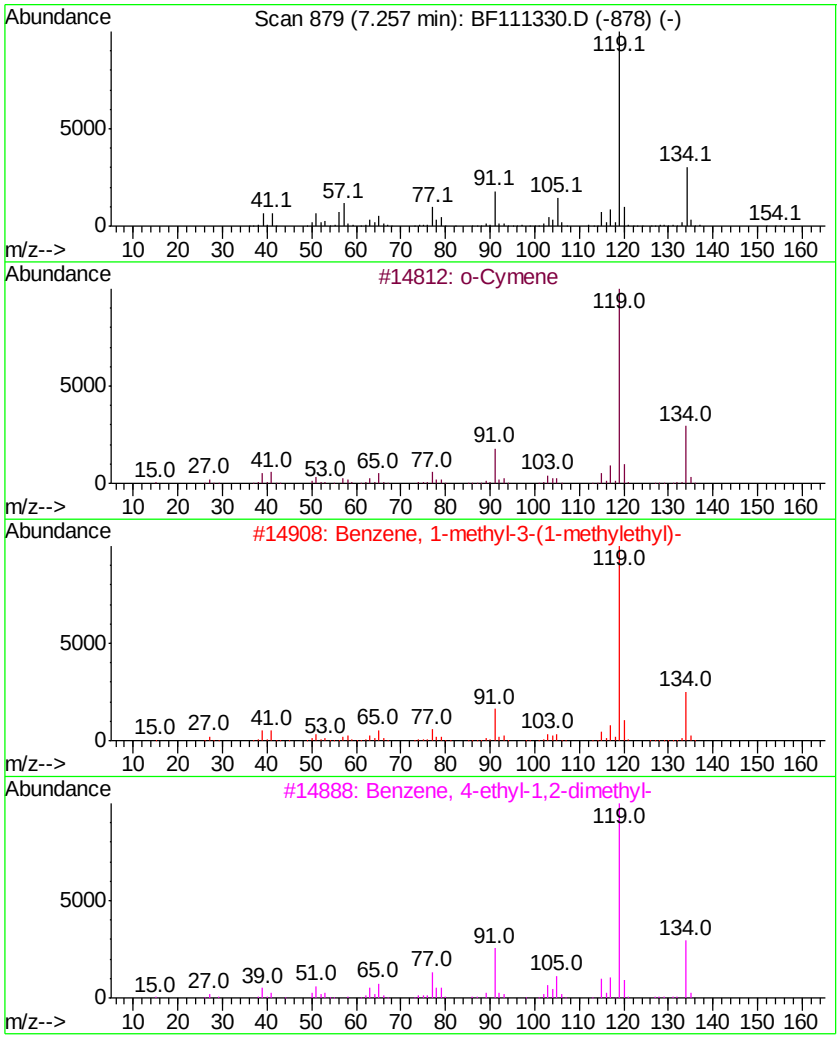
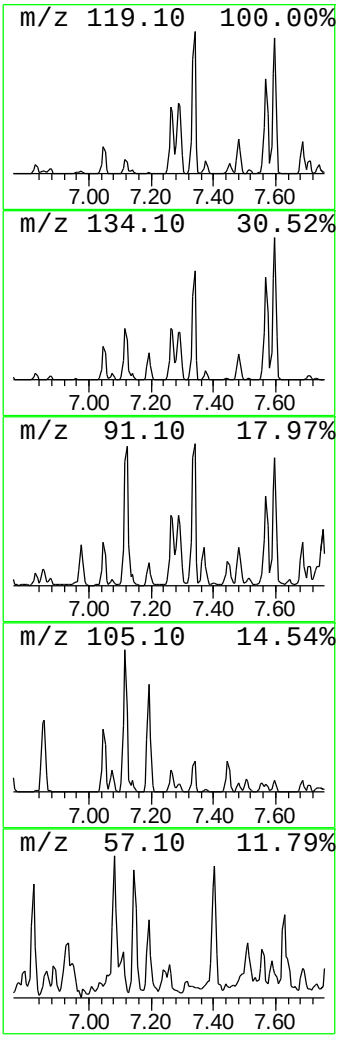
Peak Number 13 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	24.51 ng	2415320	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	p-Cymene	134	C10H14	000099-87-6	93





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Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

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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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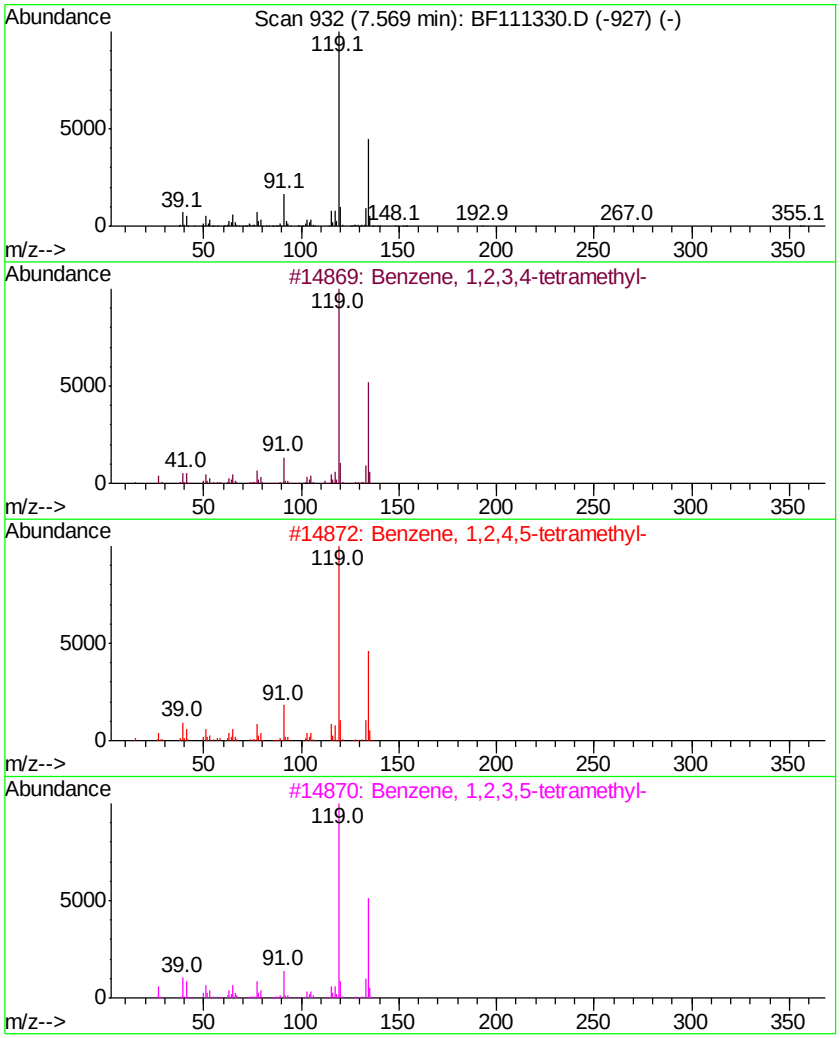
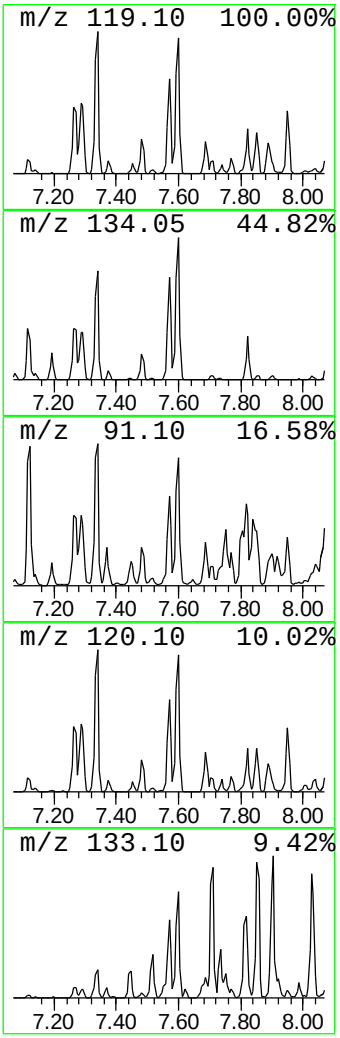
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	13.84 ng	3512780	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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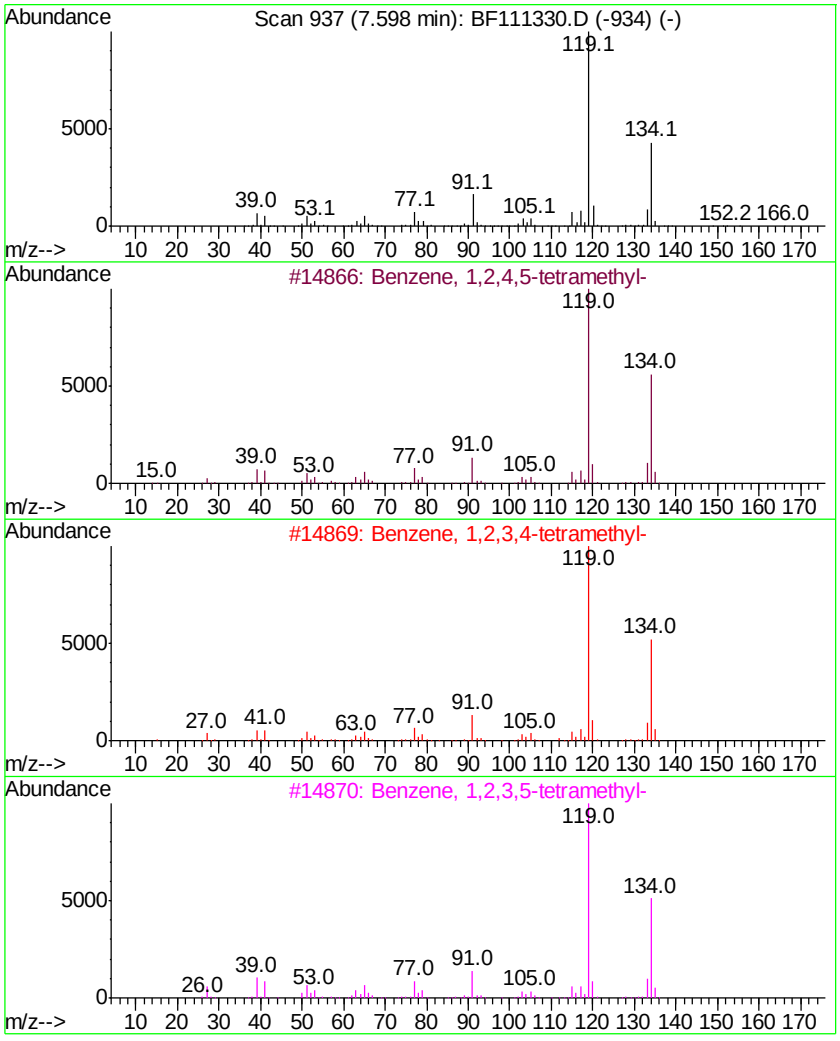
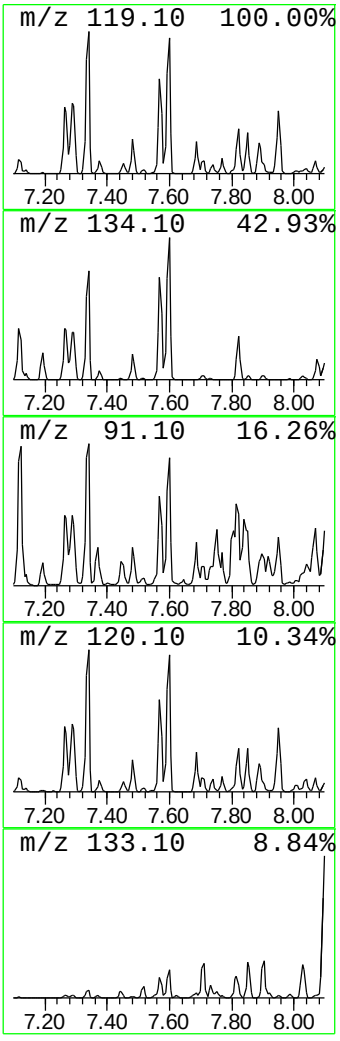
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	17.62 ng	4471020	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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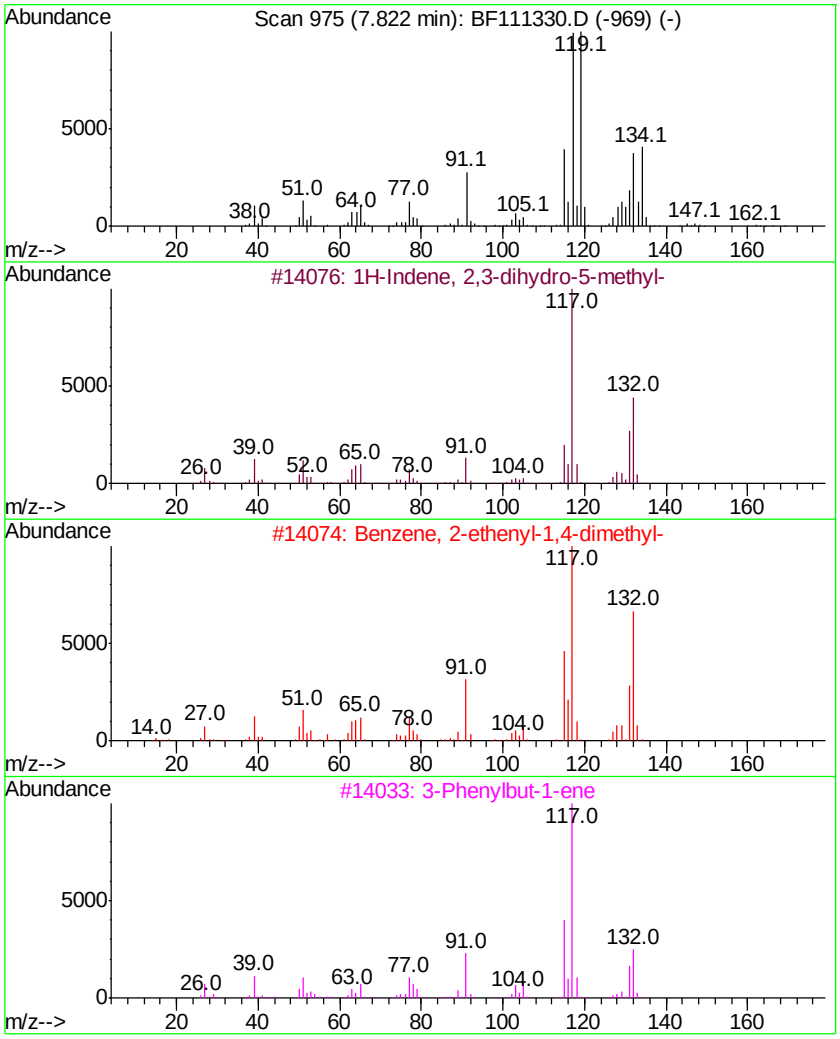
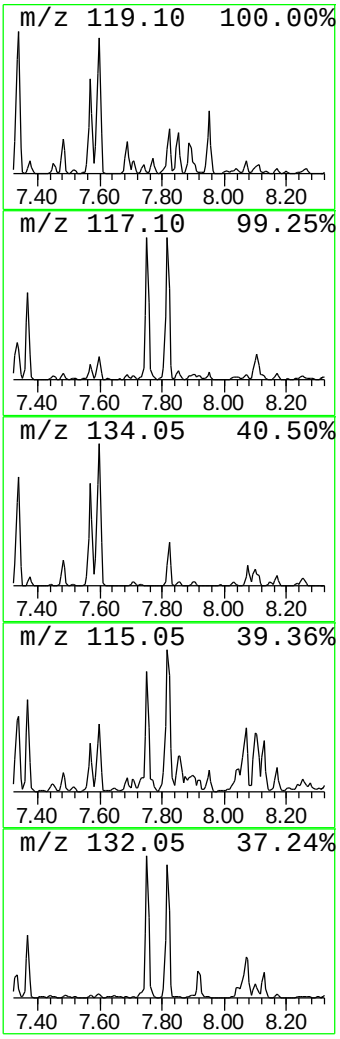
Peak Number 17 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	23.77 ng	6030770	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	70





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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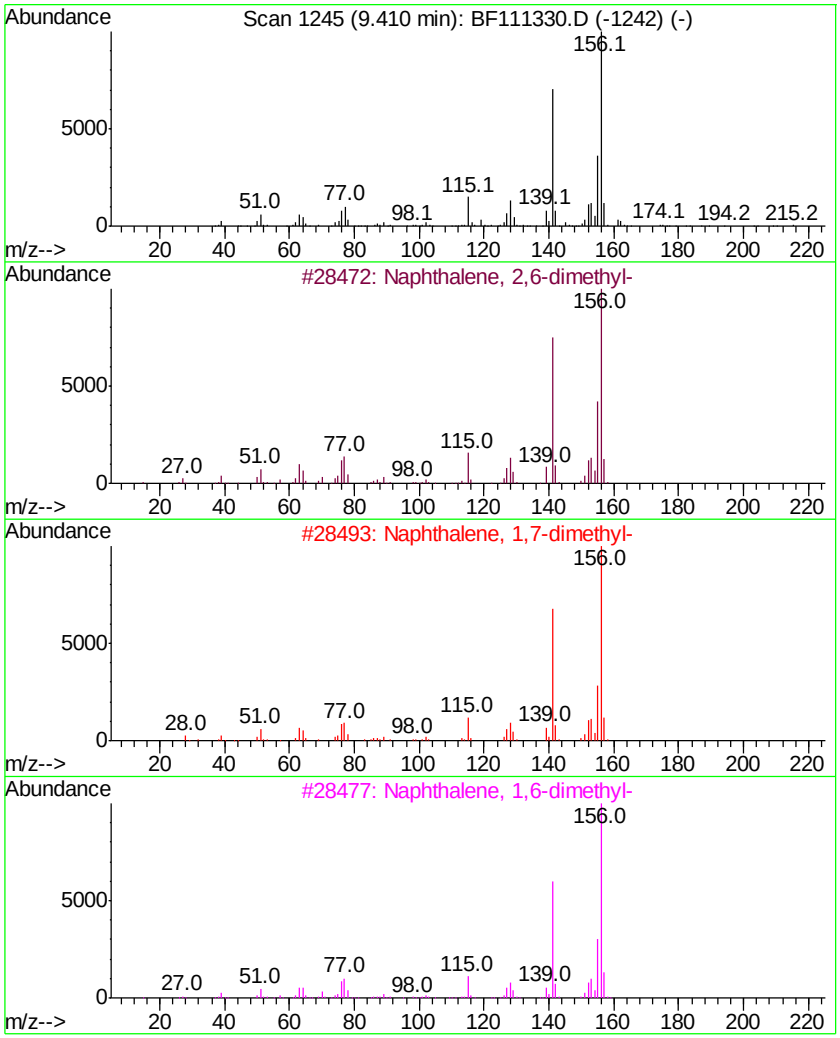
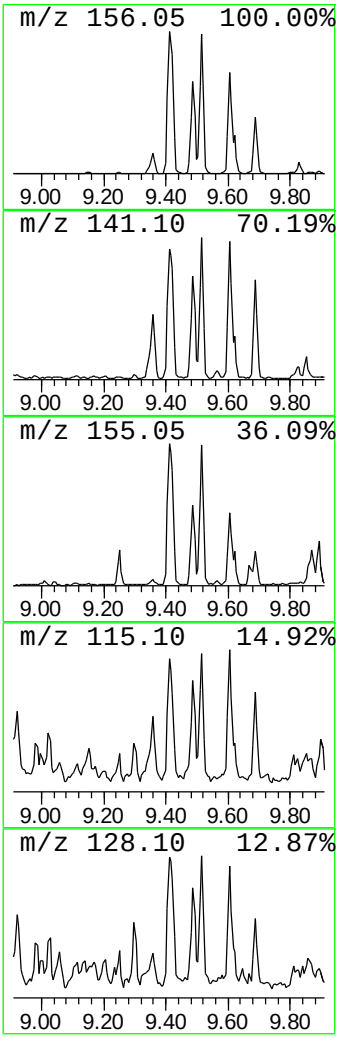
Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	11.74 ng	1694050	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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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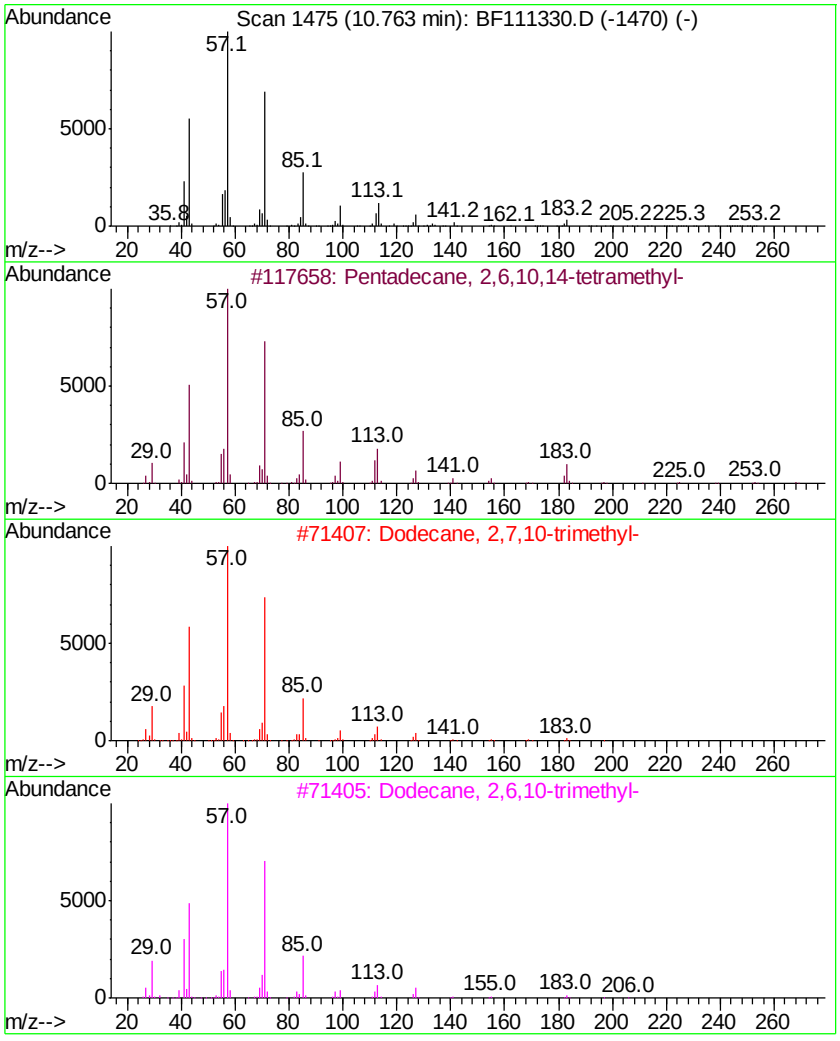
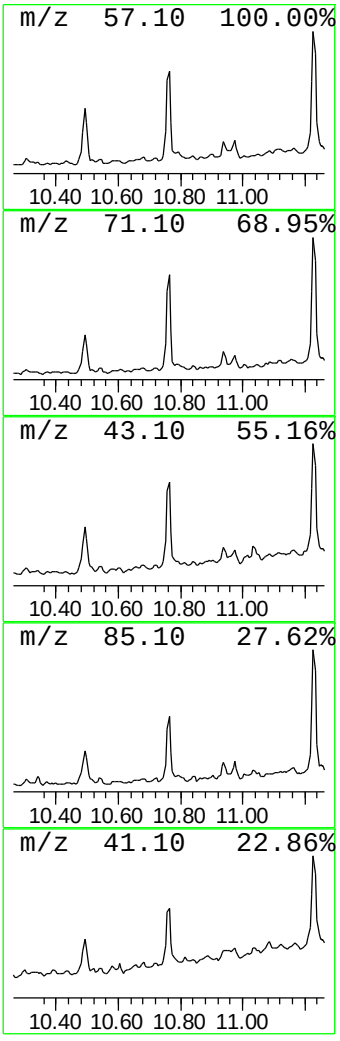
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	52.52 ng	3104880	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





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Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

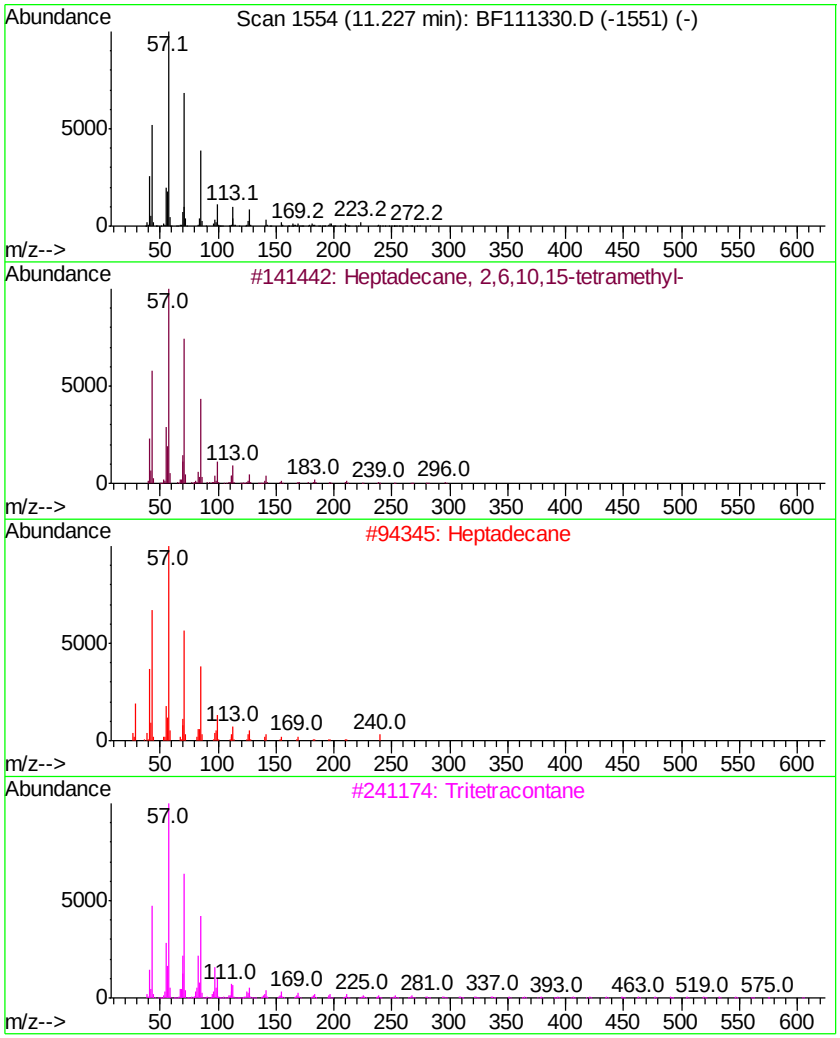
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

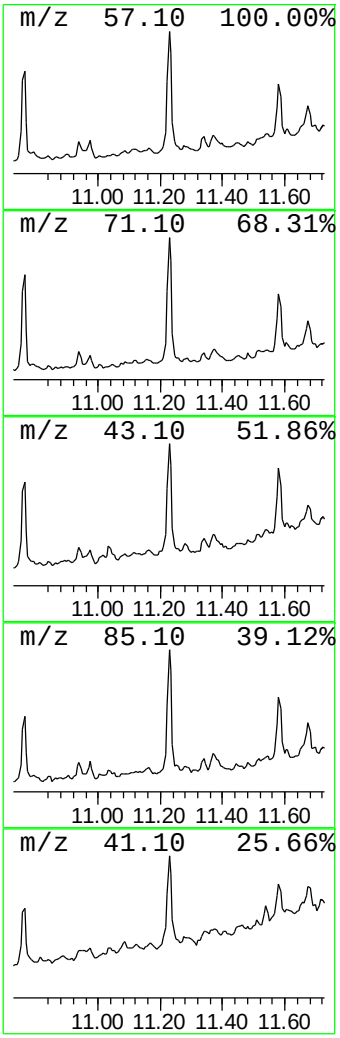
****

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	67.43 ng	3986410	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111330.D
Acq On : 12 Dec 2018 19:16
Operator : JU/SJ
Sample : J6214-29
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2(12.5-14.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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
Undecane, 2,6-dim...	6.30	13.5	ng	1327140	1	6.79	1970500	20.0
Benzene, 1-ethyl-...	6.35	22.8	ng	2243590	1	6.79	1970500	20.0
unknown6.56	6.56	74.3	ng	7319750	1	6.79	1970500	20.0
Benzene, 1,2,3-tr...	6.63	75.8	ng	7468910	1	6.79	1970500	20.0
Indane	6.97	16.8	ng	1658800	1	6.79	1970500	20.0
Benzene, 1,3-diet...	7.05	18.4	ng	1815160	1	6.79	1970500	20.0
Octane, 2,5,6-tri...	7.08	13.0	ng	1278670	1	6.79	1970500	20.0
Benzoic acid, 4-i...	7.12	27.6	ng	2722920	1	6.79	1970500	20.0
Dodecane, 3-methyl-	7.15	13.4	ng	1316480	1	6.79	1970500	20.0
Benzene, 1-methyl...	7.19	20.9	ng	2054320	1	6.79	1970500	20.0
o-Cymene	7.26	24.5	ng	2415320	1	6.79	1970500	20.0
Benzene, 1,2,3,4-...	7.57	13.8	ng	3512780	2	8.07	5075210	20.0
Benzene, 1,2,4,5-...	7.60	17.6	ng	4471020	2	8.07	5075210	20.0
1H-Indene, 2,3-di...	7.82	23.8	ng	6030770	2	8.07	5075210	20.0
Naphthalene, 2,6-...	9.41	11.7	ng	1694050	3	9.83	2885930	20.0
Pentadecane, 2,6,...	10.76	52.5	ng	3104880	4	11.32	1182470	20.0
Heptadecane, 2,6,...	11.23	67.4	ng	3986410	4	11.32	1182470	20.0