LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-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-BF011415.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	1.453	30	32	41	rBV	32410	69636	5.41%	0.406%
2	4.104	262	264	275	rBV	24663	55208	4.29%	0.322%
3	5.030	342	345	357	rBV	182774	341679	26.52%	1.994%
4	7.282	538	542	545	rVV	47834	71673	5.56%	0.418%
5	7.373	547	550	555	rBV	101708	210487	16.34%	1.228%
6	7.465	555	558	564	rVV	460826	755223	58.62%	4.407%
7	7.602	567	570	573	rVB	66316	101703	7.89%	0.594%
8	7.968	599	602	608	rVB	109579	187095	14.52%	1.092%
9	8.105	611	614	617	rBV	48497	81159	6.30%	0.474%
10	8.299	627	631	634	rBV	447485	787346	61.12%	4.595%
11	8.356	634	636	643	rVB	56567	88159	6.84%	0.514%
12	8.608	655	658	662	rVB	15848	24125	1.87%	0.141%
13	8.768	669	672	673	rBV	21113	34184	2.65%	0.199%
14	8.916	682	685	687	rBV	21744	35933	2.79%	0.210%
15	9.110	697	702	704	rBV	30467	46952	3.64%	0.274%
16	9.156	704	706	708	rVV	19182	26531	2.06%	0.155%
17	9.202	708	710	713	rVV	17793	25835	2.01%	0.151%
18	9.270	713	716	719	rVV	503268	766858	59.53%	4.475%
19	9.579	737	743	746	rBV2	25116	50826	3.95%	0.297%
20	9.796	760	762	765	rBV	39270	55347	4.30%	0.323%
21	9.853	765	767	771	rVB	59492	84618	6.57%	0.494%
22	10.185	792	796	798	rBV	50328	87501	6.79%	0.511%
23	10.322	804	808	810	rBV	109417	192053	14.91%	1.121%
24	10.356	810	811	814	rVV	66912	89111	6.92%	0.520%
25	10.539	818	827	829	rBV2	129052	246344	19.12%	1.438%
26	10.882	853	857	859	rBV	184956	297521	23.09%	1.736%
27	10.928	859	861	865	rVV	244591	422869	32.82%	2.468%
28	10.996	865	867	870	rVV2	14223	26922	2.09%	0.157%
29	11.076	870	874	878	rVB2	45673	94224	7.31%	0.550%
30	11.396	900	902	905	rVV	47880	68855	5.34%	0.402%
31	11.499	907	911	914	rVB	34315	58502	4.54%	0.341%
32	11.614	919	921	924	rBV	23924	45429	3.53%	0.265%
33	11.808	932	938	941	rBV5	16708	41259	3.20%	0.241%
34	11.876	941	944	947	rBV	35649	51768	4.02%	0.302%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.059	956	960	963	rBV	32059	49671	3.86%	0.290%
36	12.128	963	966	972	rVB	109598	218703	16.98%	1.276%
37	12.334	977	984	989	rBV5	28488	98822	7.67%	0.577%
38	12.482	993	997	1002	rVB3	83924	168481	13.08%	0.983%
39	12.585	1002	1006	1013	rBV	461528	689943	53.56%	4.026%
40	12.802	1019	1025	1028	rBV	391398	602007	46.73%	3.513%
41	12.917	1031	1035	1038	rVV	30736	69340	5.38%	0.405%
42	12.985	1038	1041	1044	rVB	15344	30107	2.34%	0.176%
43	13.225	1060	1062	1064	rVV2	15177	27506	2.14%	0.161%
44	13.305	1067	1069	1075	rVB4	12340	35528	2.76%	0.207%
45	13.431	1075	1080	1082	rBV3	13282	26628	2.07%	0.155%
46	13.534	1086	1089	1092	rVB	858924	1288258	100.00%	7.518%
47	13.740	1104	1107	1111	rVB	56130	89625	6.96%	0.523%
48	13.865	1114	1118	1120	rBV	31995	60339	4.68%	0.352%
49	13.957	1120	1126	1130	rVB2	234740	538528	41.80%	3.143%
50	14.105	1134	1139	1143	rBV2	118462	342554	26.59%	1.999%
51	14.265	1148	1153	1155	rBV	240917	472398	36.67%	2.757%
52	14.322	1155	1158	1162	rVB	159215	265988	20.65%	1.552%
53	14.528	1171	1176	1183	rBV	76796	236522	18.36%	1.380%
54	14.711	1189	1192	1194	rBV	61126	102029	7.92%	0.595%
55	14.757	1194	1196	1201	rVB	69906	109204	8.48%	0.637%
56	15.008	1215	1218	1221	rBV	198361	304634	23.65%	1.778%
57	15.100	1221	1226	1228	rVV2	46086	101281	7.86%	0.591%
58	15.260	1233	1240	1245	rBV3	27039	90217	7.00%	0.526%
59	15.363	1245	1249	1251	rVV2	39946	102591	7.96%	0.599%
60	15.408	1251	1253	1255	rVV2	24956	39817	3.09%	0.232%
61	15.500	1258	1261	1265	rVV2	44594	119177	9.25%	0.695%
62	15.580	1266	1268	1271	rVV	38623	65558	5.09%	0.383%
63	15.660	1271	1275	1278	rVB	34234	64768	5.03%	0.378%
64	15.820	1286	1289	1292	rBV2	38026	73253	5.69%	0.427%
65	15.877	1292	1294	1296	rVB	26452	35888	2.79%	0.209%
66	15.934	1296	1299	1301	rBV2	38688	71298	5.53%	0.416%
67	16.231	1321	1325	1327	rBV2	46557	89244	6.93%	0.521%
68	16.311	1330	1332	1333	rBV	26641	45475	3.53%	0.265%
69	16.334	1333	1334	1337	rVB	66296	74834	5.81%	0.437%
70	16.471	1342	1346	1349	rVV	254096	436626	33.89%	2.548%
71	16.620	1357	1359	1361	rVV	25202	32247	2.50%	0.188%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-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-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.677	1361	1364	1367	rVV	527377	760525	59.04%	4.438%
73	16.837	1375	1378	1382	rVB4	30682	50279	3.90%	0.293%
74	17.214	1408	1411	1412	rBV2	20570	42104	3.27%	0.246%
75	17.248	1412	1414	1417	rVB	44845	54885	4.26%	0.320%
76	17.328	1417	1421	1423	rBV4	15960	38034	2.95%	0.222%
77	17.431	1428	1430	1435	rVB6	15333	28538	2.22%	0.167%
78	17.557	1439	1441	1444	rBV2	33768	53251	4.13%	0.311%
79	17.614	1444	1446	1450	rVB	25950	40951	3.18%	0.239%
80	17.774	1457	1460	1462	rBV	263349	323737	25.13%	1.889%
81	17.808	1462	1463	1466	rVB	76282	79228	6.15%	0.462%
82	17.957	1474	1476	1478	rBV2	21485	30816	2.39%	0.180%
83	18.117	1488	1490	1492	rBV3	21114	27023	2.10%	0.158%
84	18.174	1492	1495	1499	rVV	27552	42175	3.27%	0.246%
85	18.460	1517	1520	1521	rVV	43965	54445	4.23%	0.318%
86	18.517	1524	1525	1527	rVV	28402	29812	2.31%	0.174%
87	18.551	1527	1528	1530	rVV	21010	33014	2.56%	0.193%
88	18.586	1530	1531	1536	rVV	28838	56500	4.39%	0.330%
89	18.689	1536	1540	1542	rVB2	35936	66136	5.13%	0.386%
90	18.769	1544	1547	1549	rBV2	43979	70614	5.48%	0.412%
91	18.906	1558	1559	1563	rVB2	24432	37708	2.93%	0.220%
92	19.271	1589	1591	1595	rVB3	19575	36366	2.82%	0.212%
93	19.466	1605	1608	1611	rVB2	27284	37171	2.89%	0.217%
94	19.900	1643	1646	1648	rVB	165094	176284	13.68%	1.029%
95	20.003	1653	1655	1658	rBV	1126935	1240721	96.31%	7.241%
96	20.792	1721	1724	1726	rBV	117886	123728	9.60%	0.722%
97	21.272	1761	1766	1769	rBV	284429	389158	30.21%	2.271%
98	22.037	1830	1833	1837	rBV	19579	26040	2.02%	0.152%
99	22.918	1907	1910	1913	rBV	186895	270360	20.99%	1.578%
100	24.472	2043	2046	2051	rVB6	12011	24000	1.86%	0.140%

Sum of corrected areas: 17135627

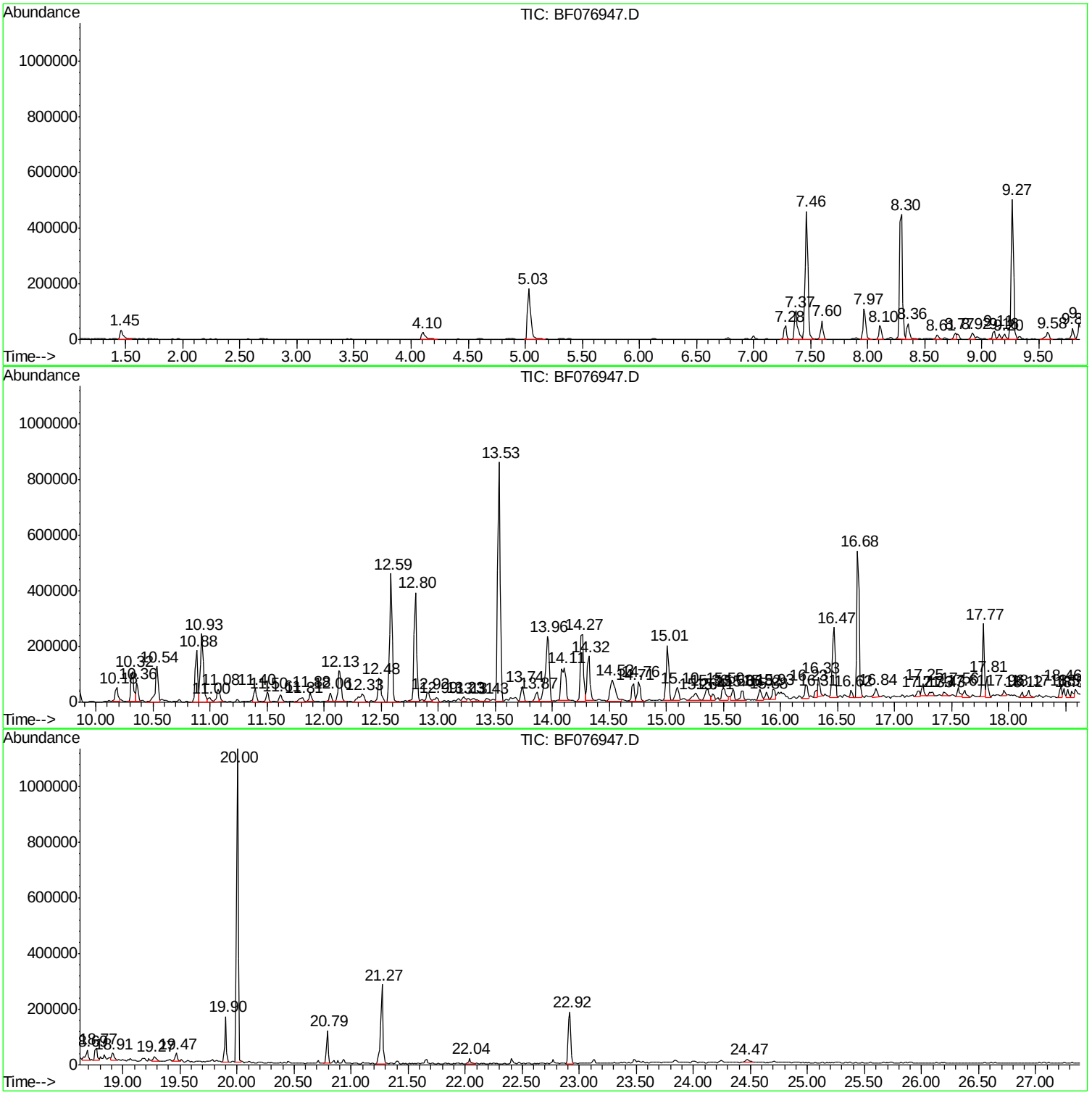
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

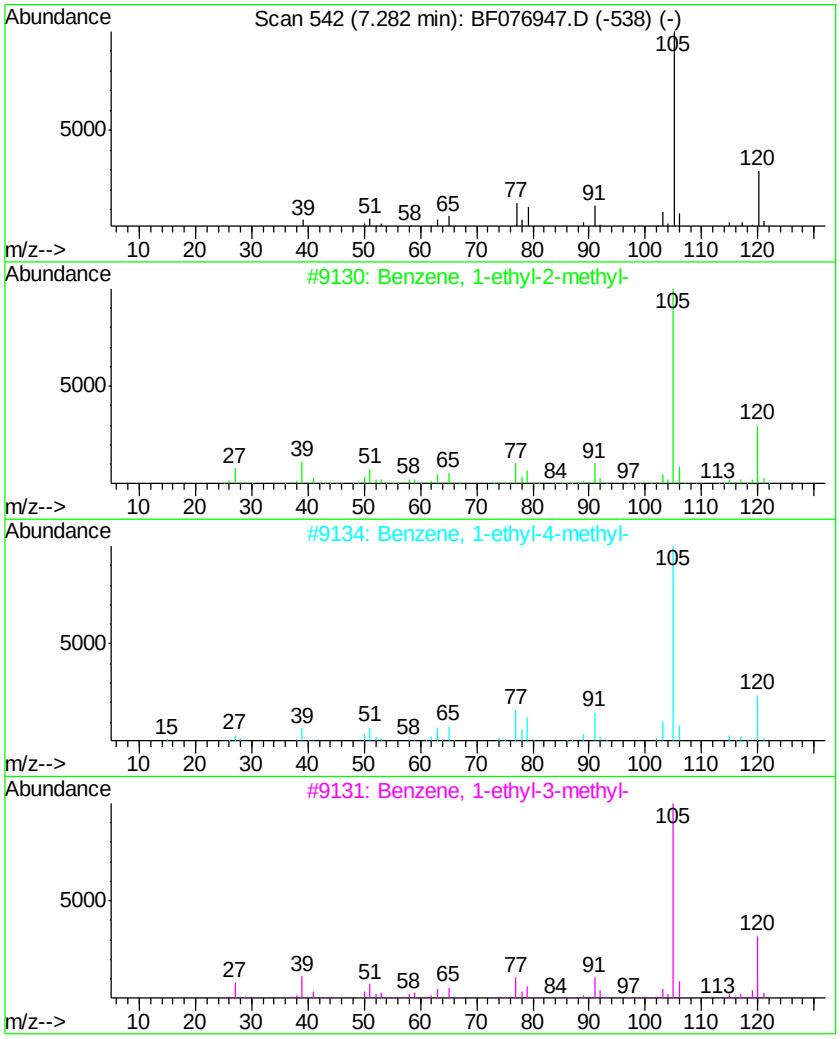
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

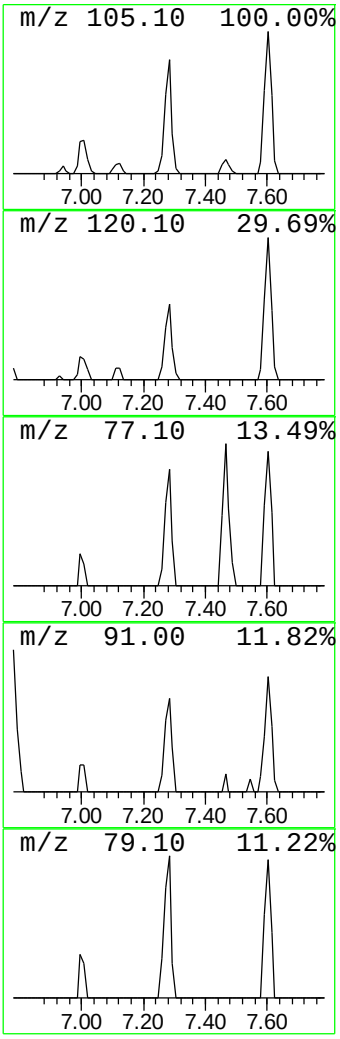
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	7.66 ng	71673	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

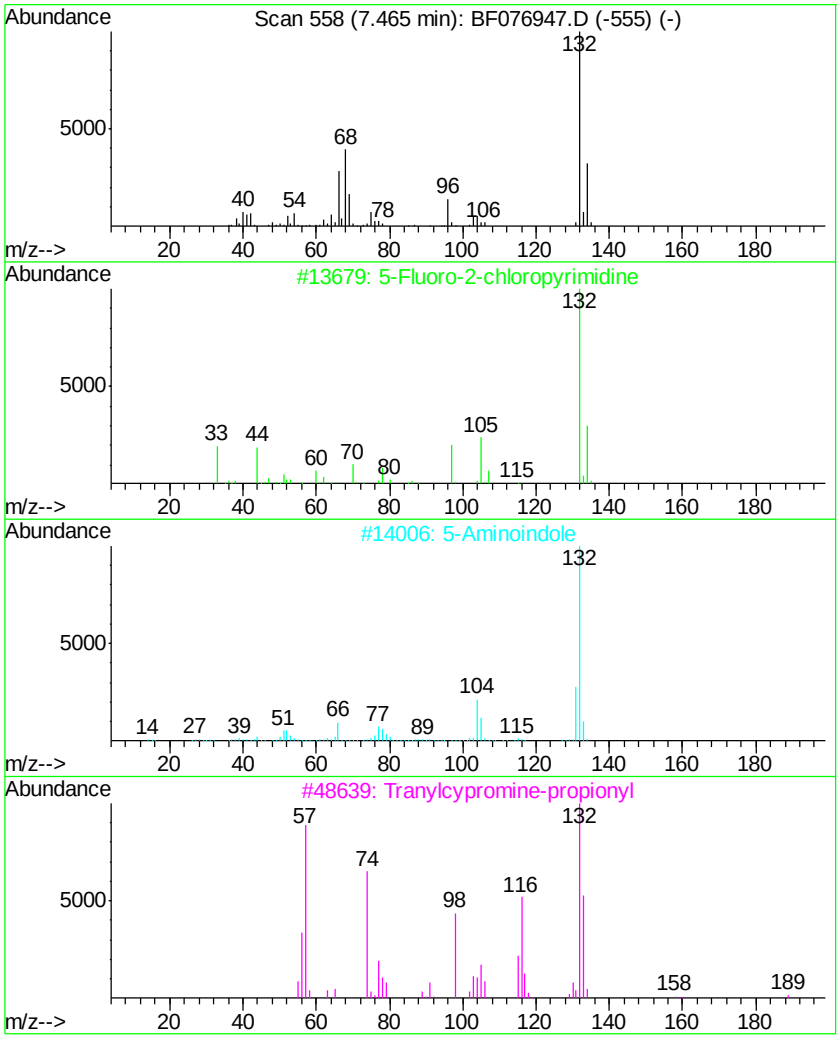
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

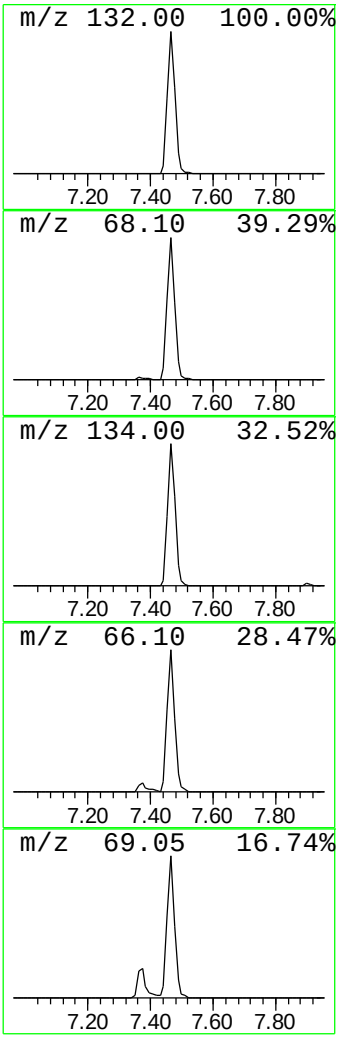
****

Peak Number 3 unknown7.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	80.73 ng	755223	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

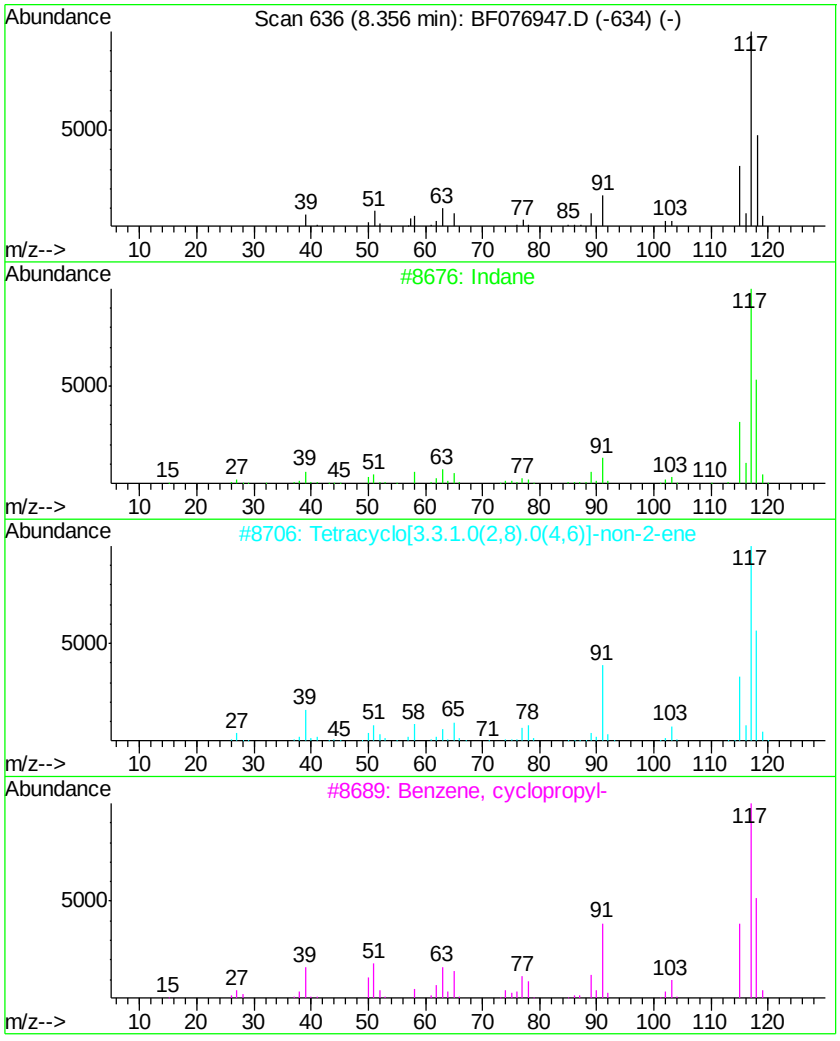
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

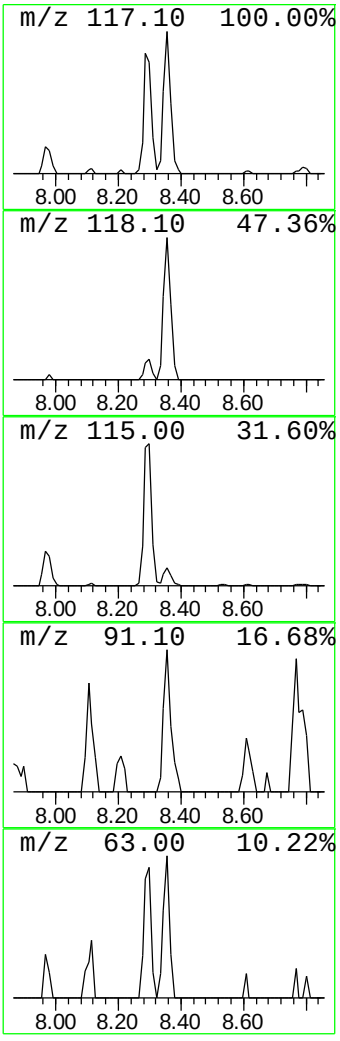
****

Peak Number 7 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	9.42 ng	88159	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	59
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

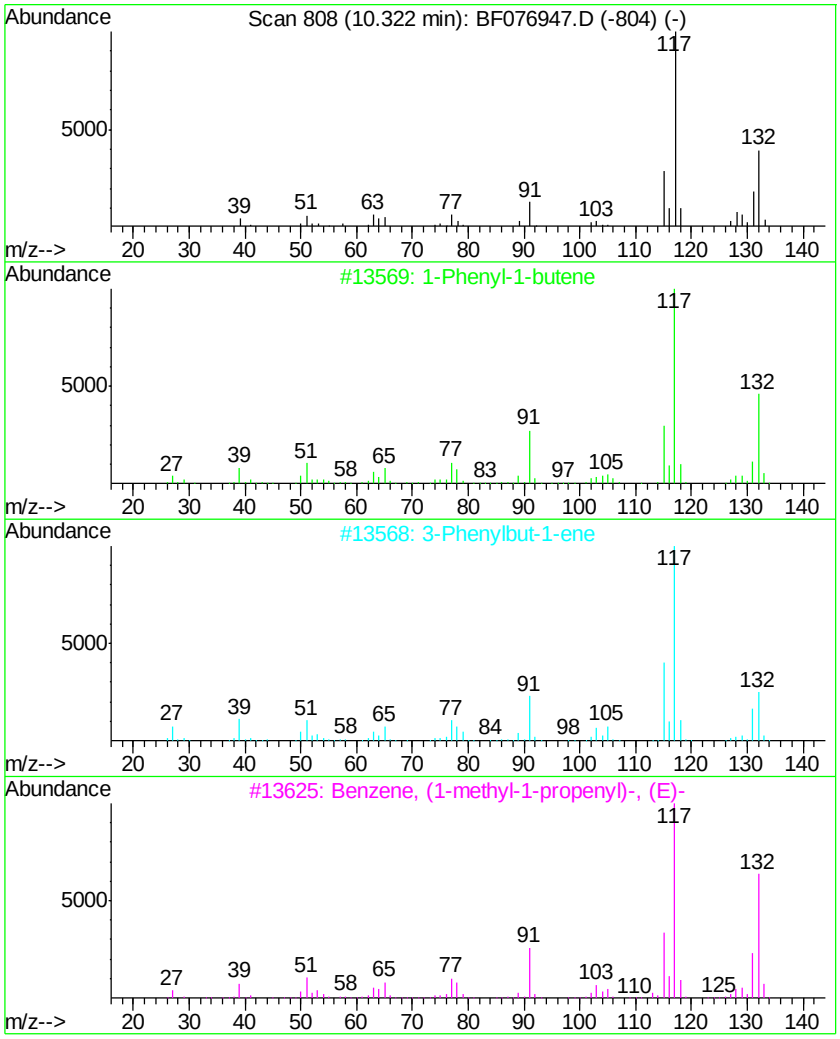
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

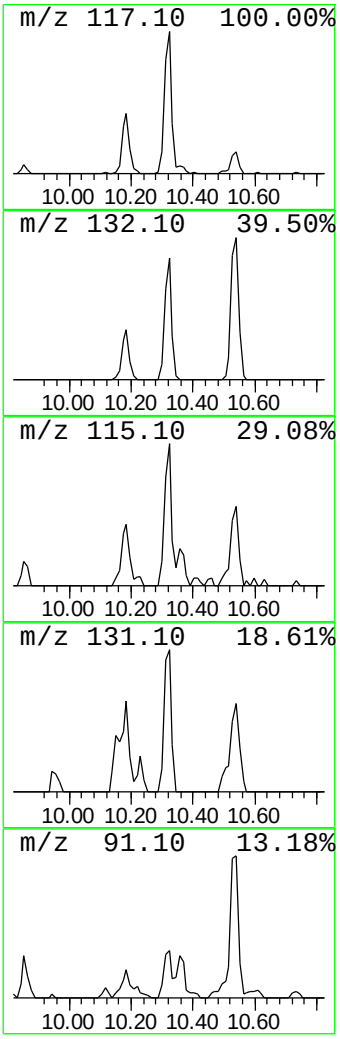
****

Peak Number 8 1-Phenyl-1-butene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	12.91 ng	192053	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

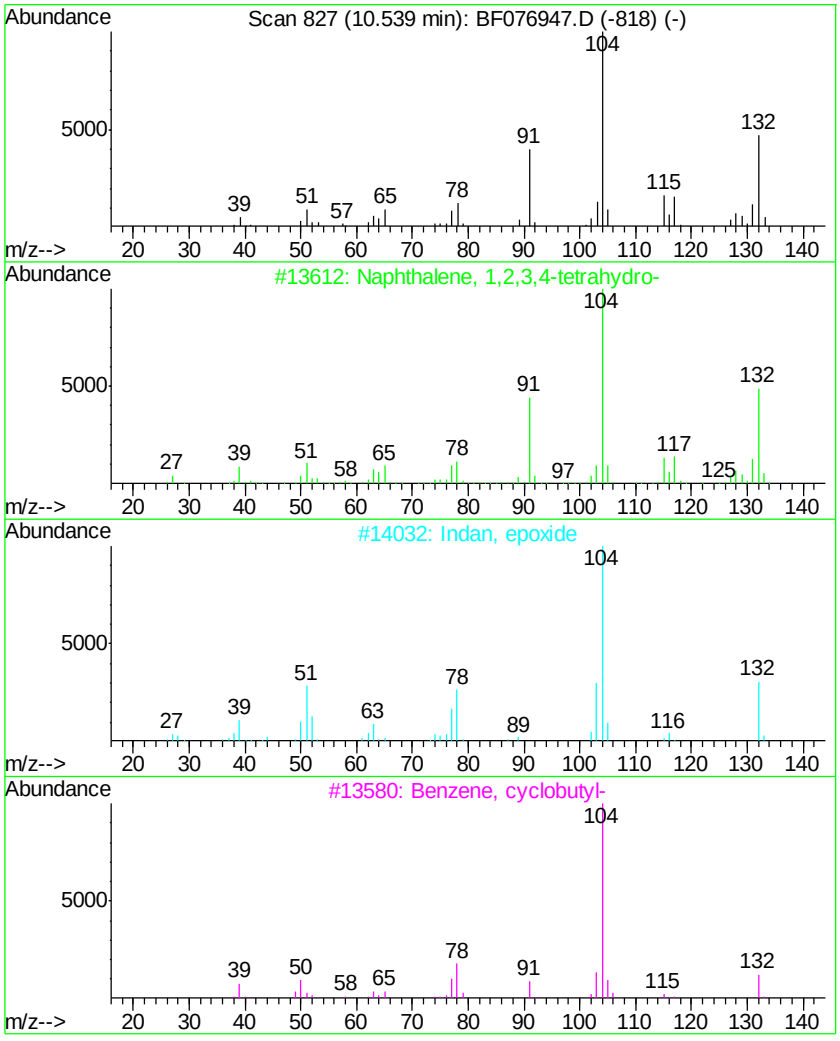
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

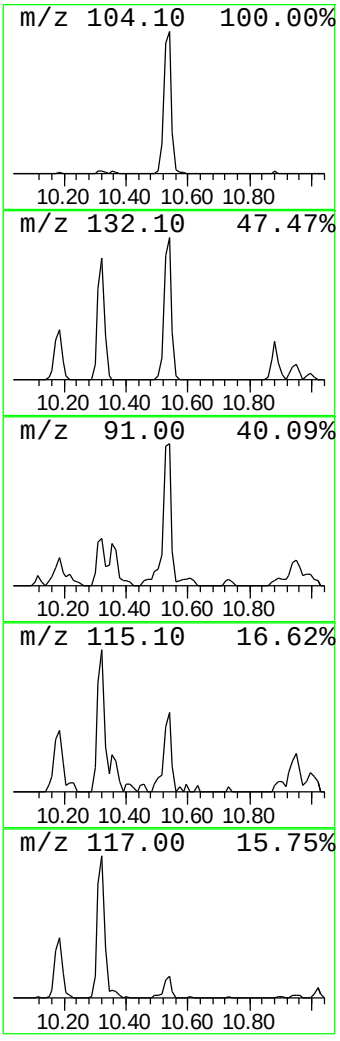
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	16.56 ng	246344	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Indan, epoxide	132	C9H8O	000768-22-9	70
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
5	N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

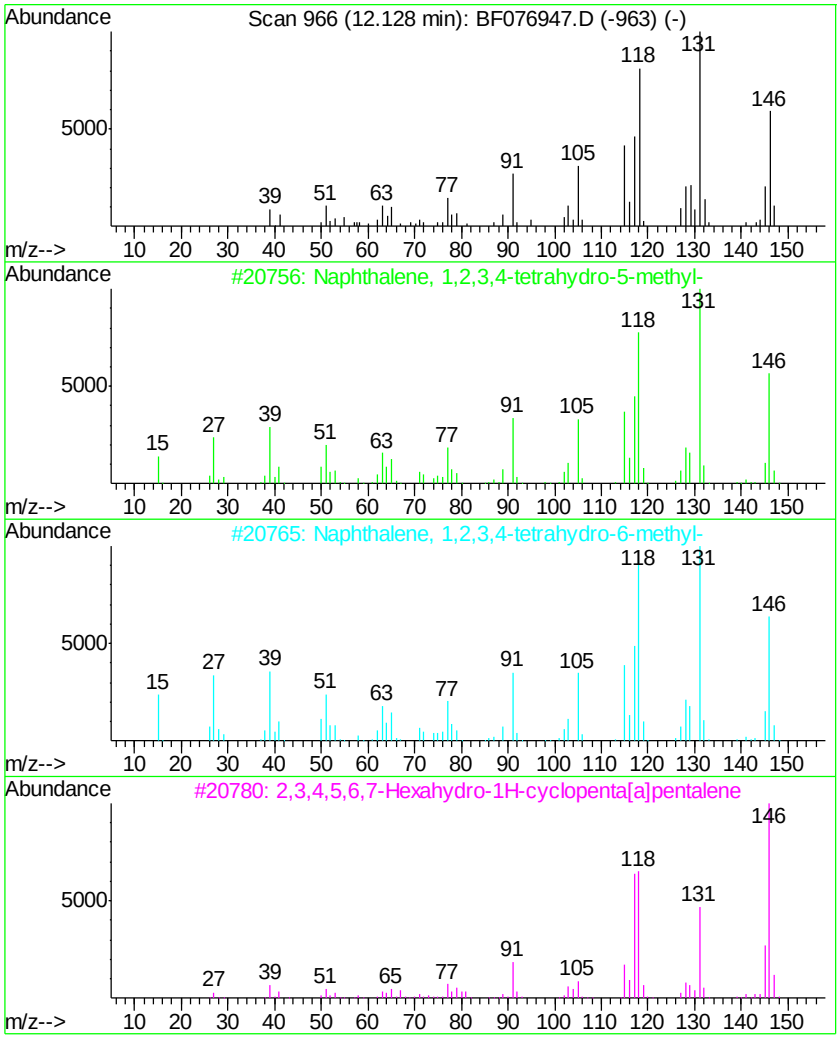
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

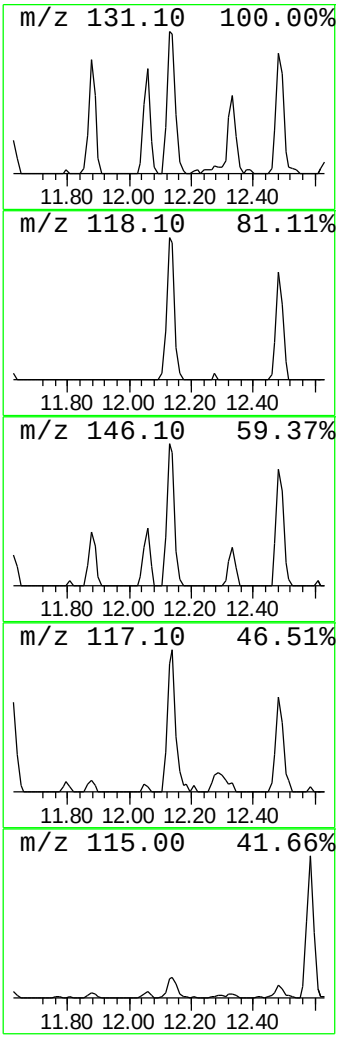
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	14.70 ng	218703	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	51
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

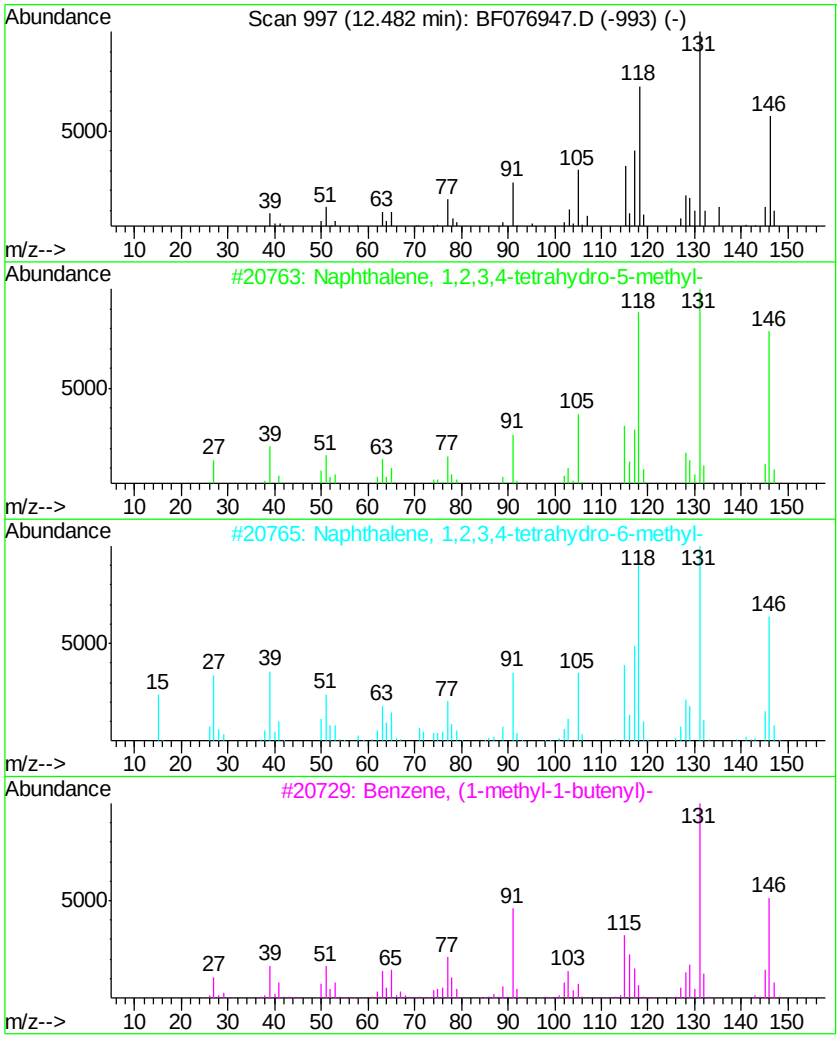
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

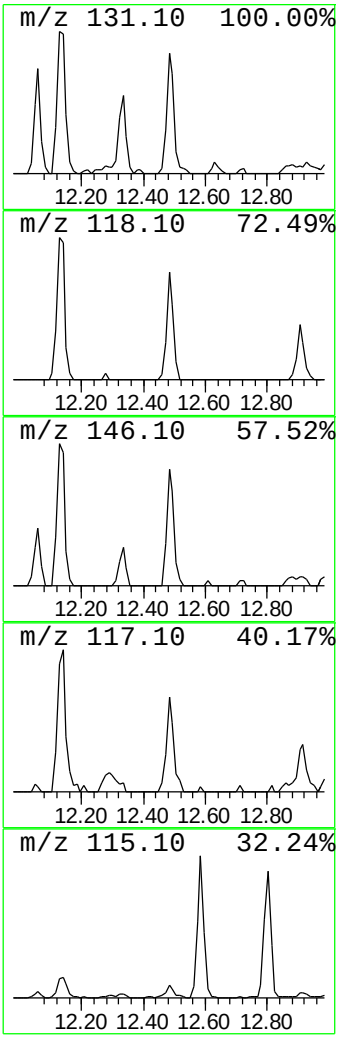
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	11.33 ng	168481	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

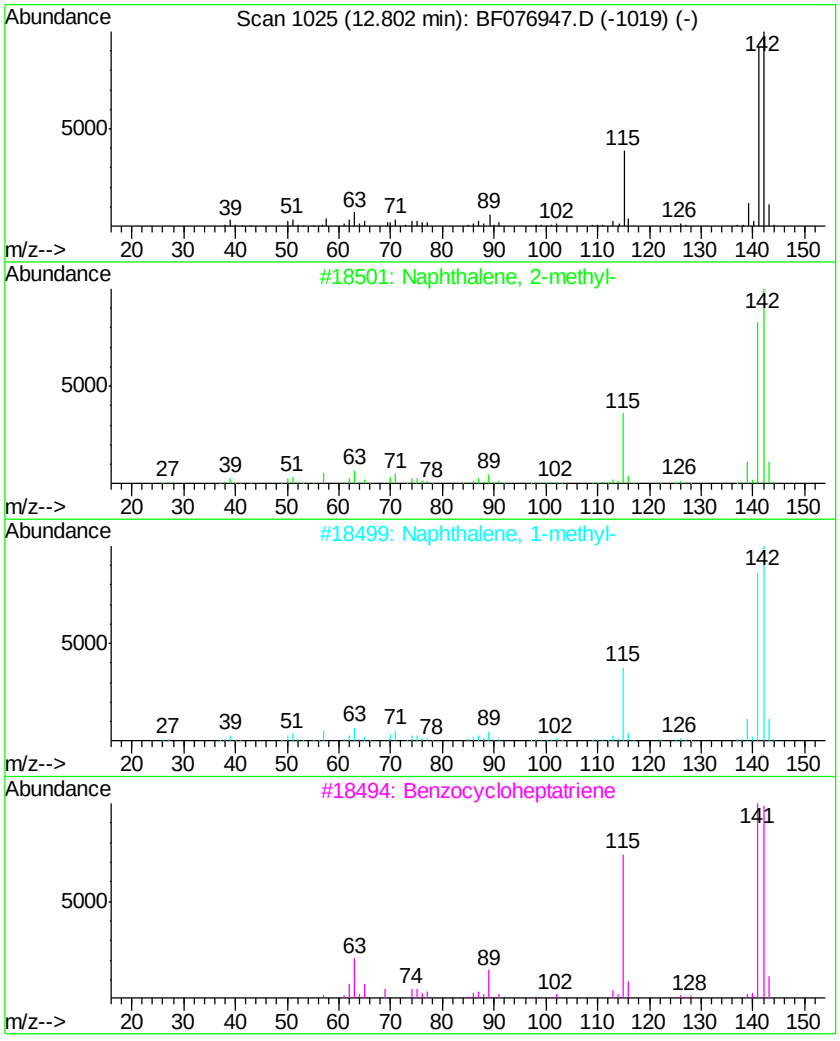
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

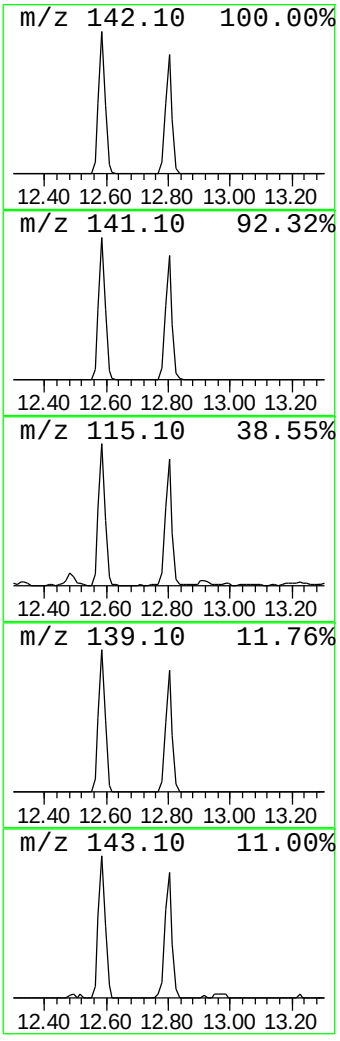
****

Peak Number 12 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	40.47 ng	602007	Naphthalene-d8	10.88

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	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

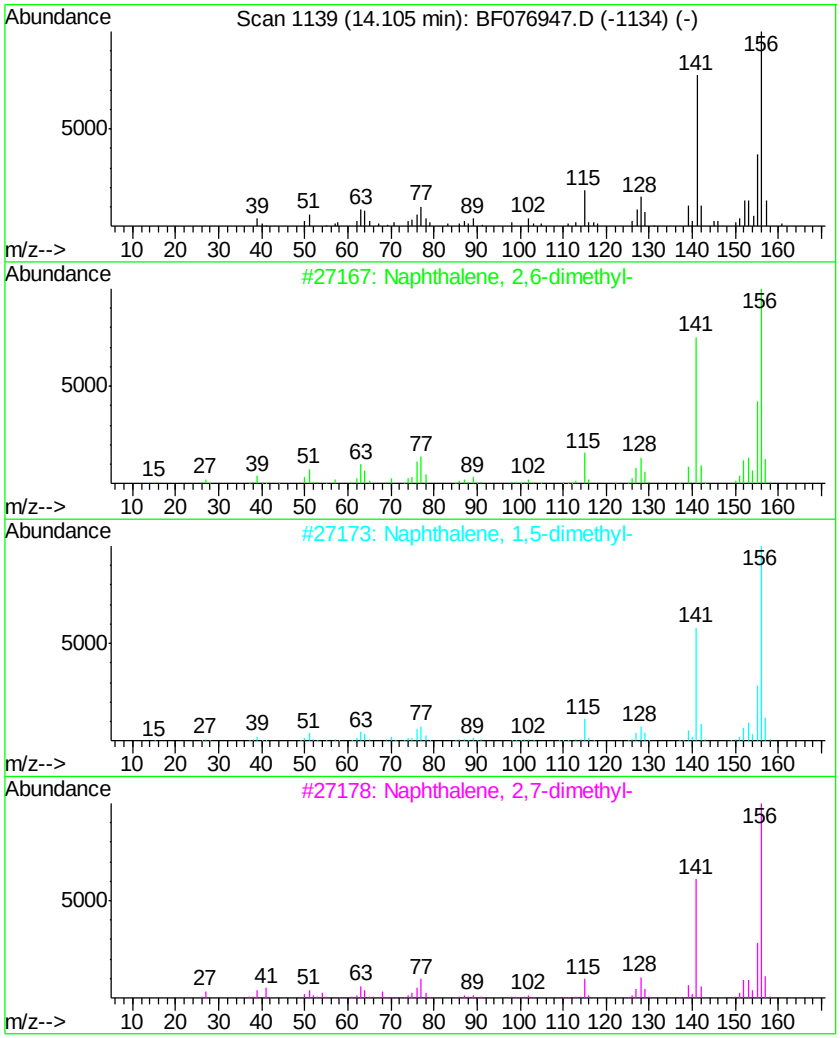
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

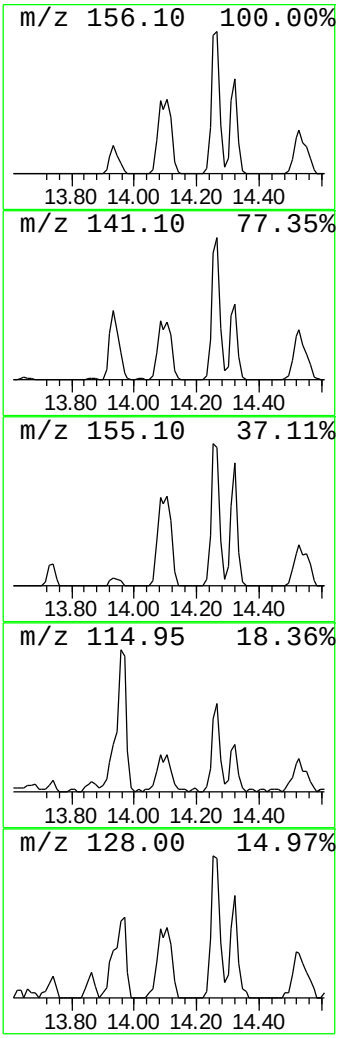
****

Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	22.49 ng	342554	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

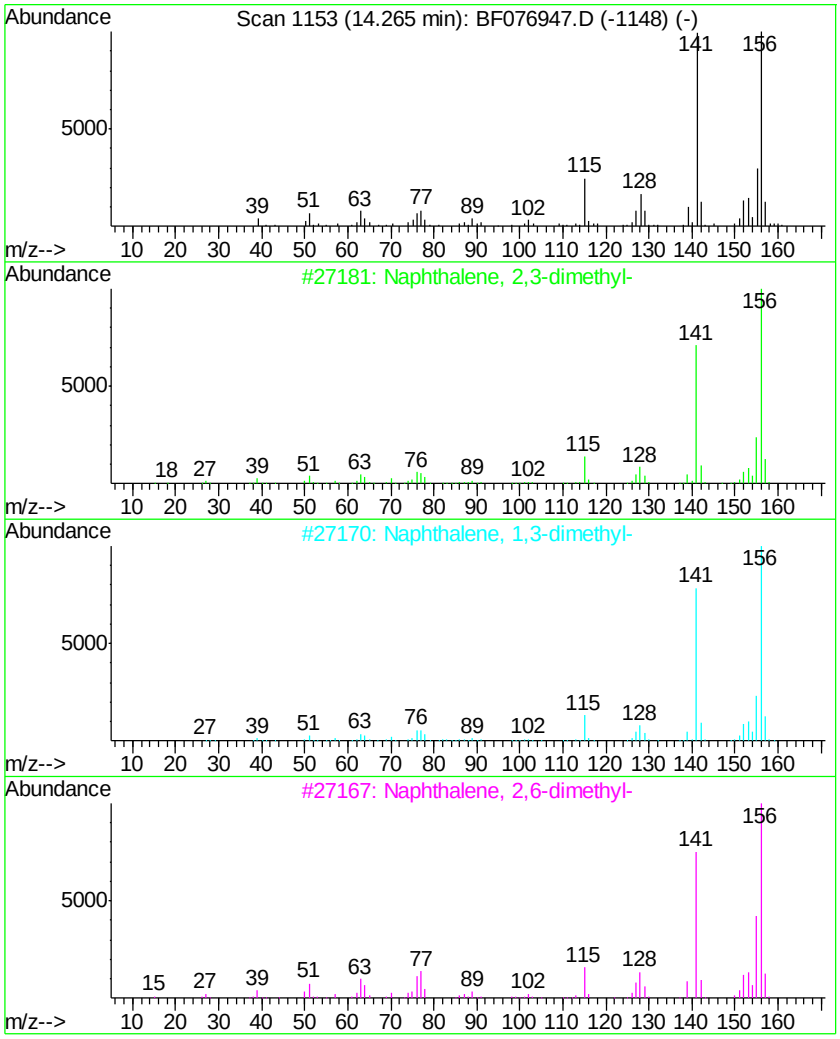
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

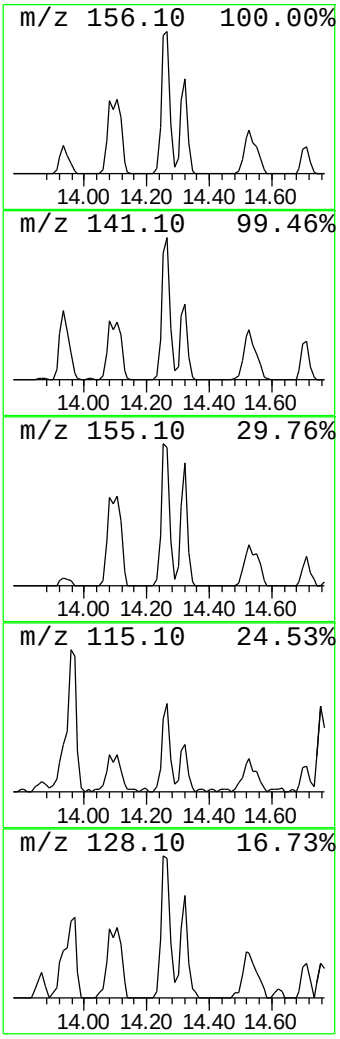
****

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	31.01 ng	472398	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

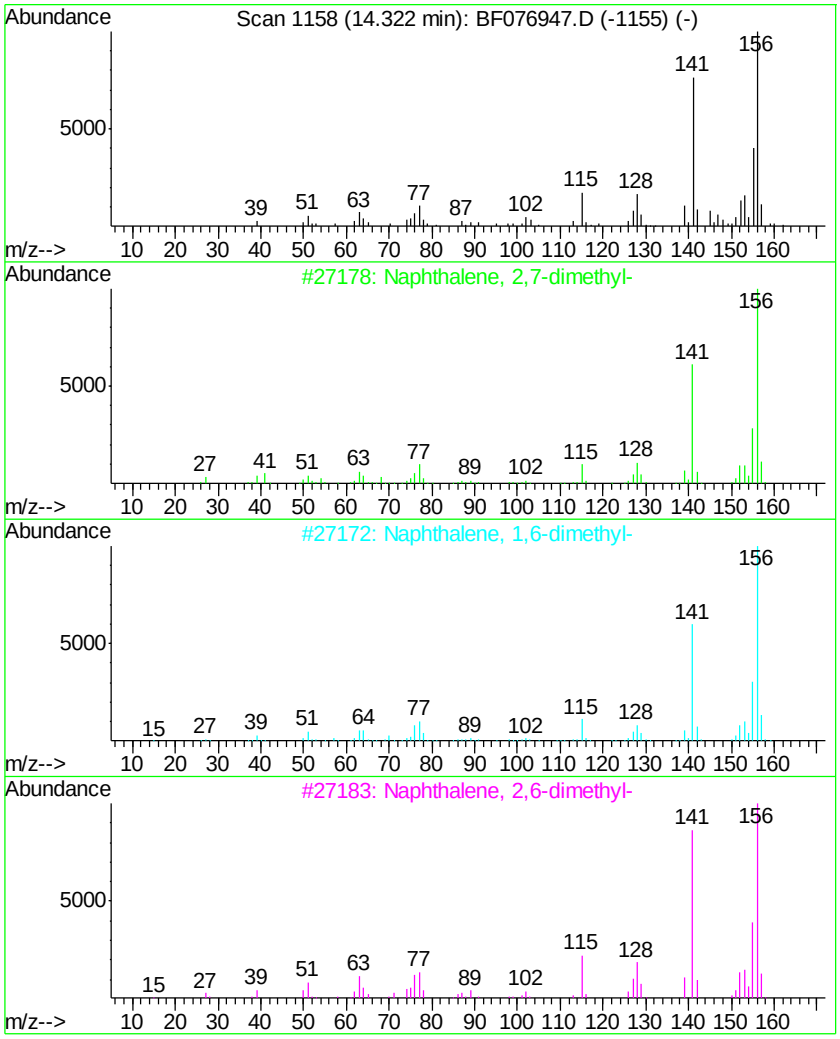
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

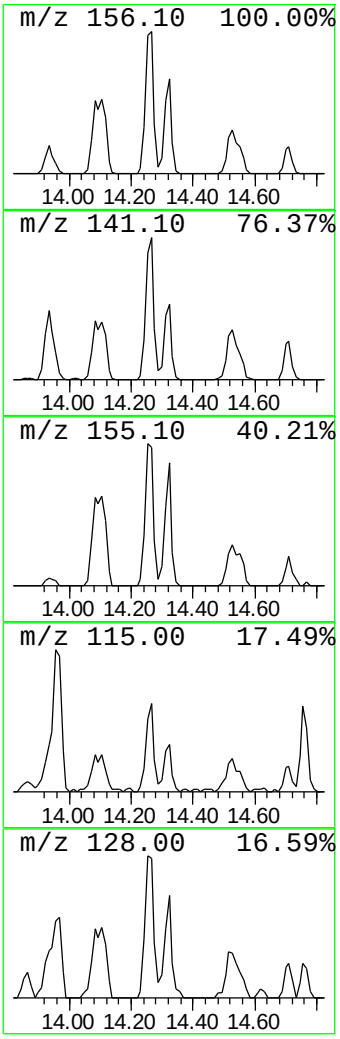
****

Peak Number 16 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	17.46 ng	265988	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

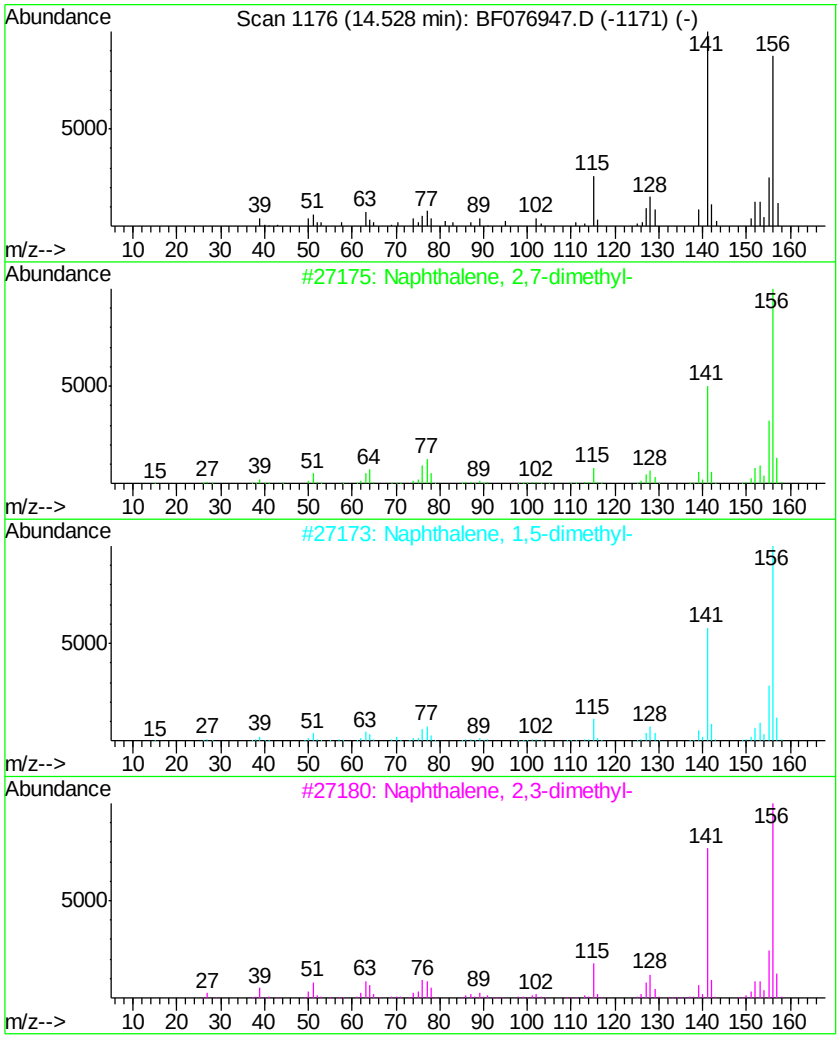
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

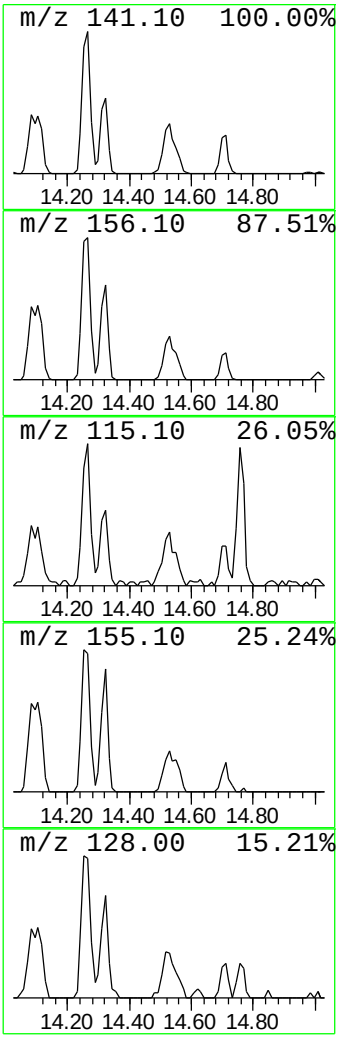
****

Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	15.53 ng	236522	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

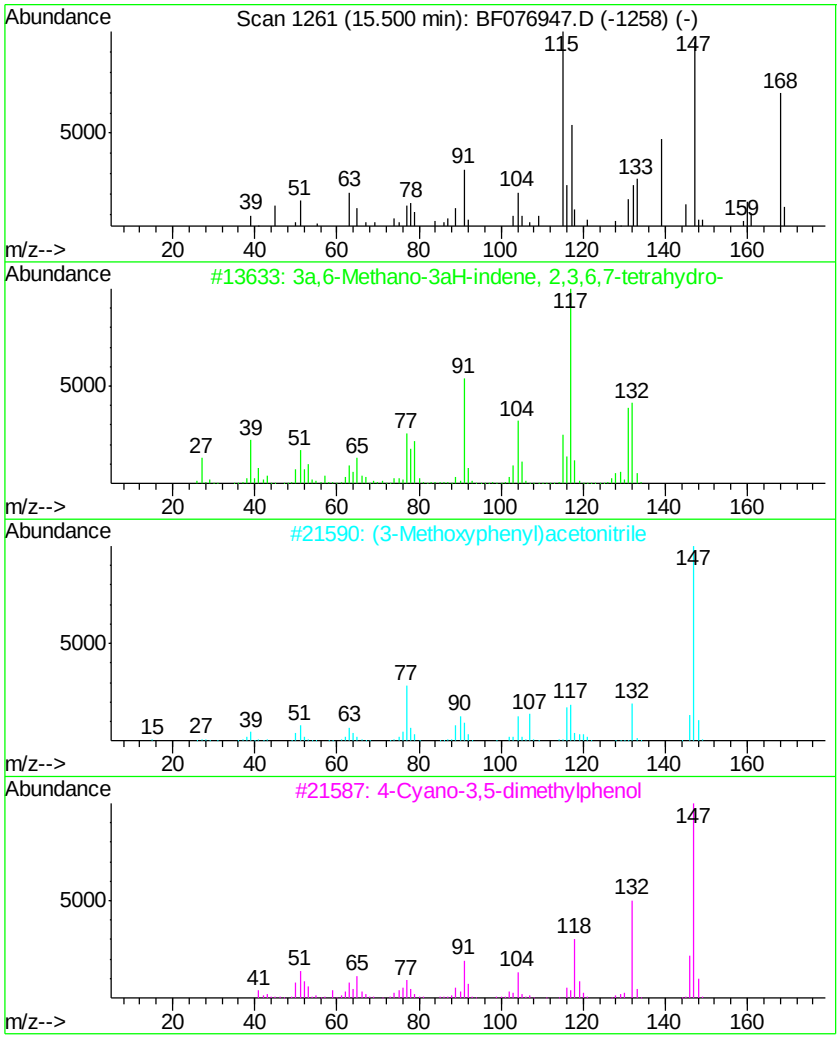
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

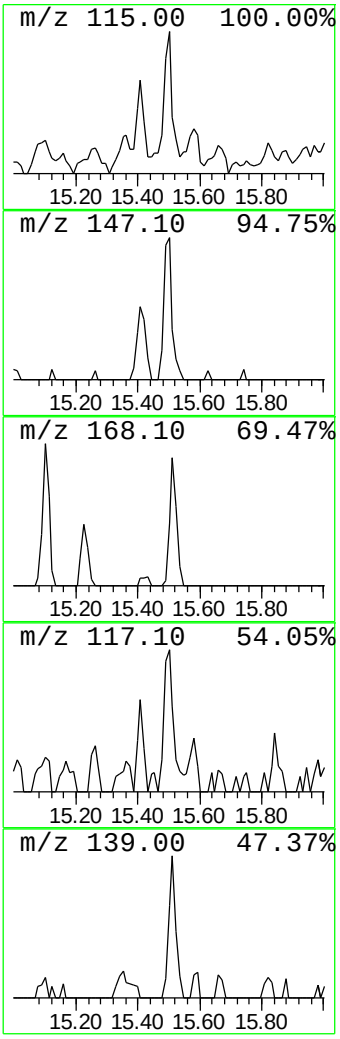
****

Peak Number 18 3a,6-Methano-3aH-indene, 2,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	7.82 ng	119177	Acenaphthene-d10	15.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	53
2	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	38
3	4-Cyano-3,5-dimethylphenol	147	C9H9NO	058537-99-8	14
4	2-Phenyl-1,3-oxazol-2-ine	147	C9H9NO	007127-19-7	14
5	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

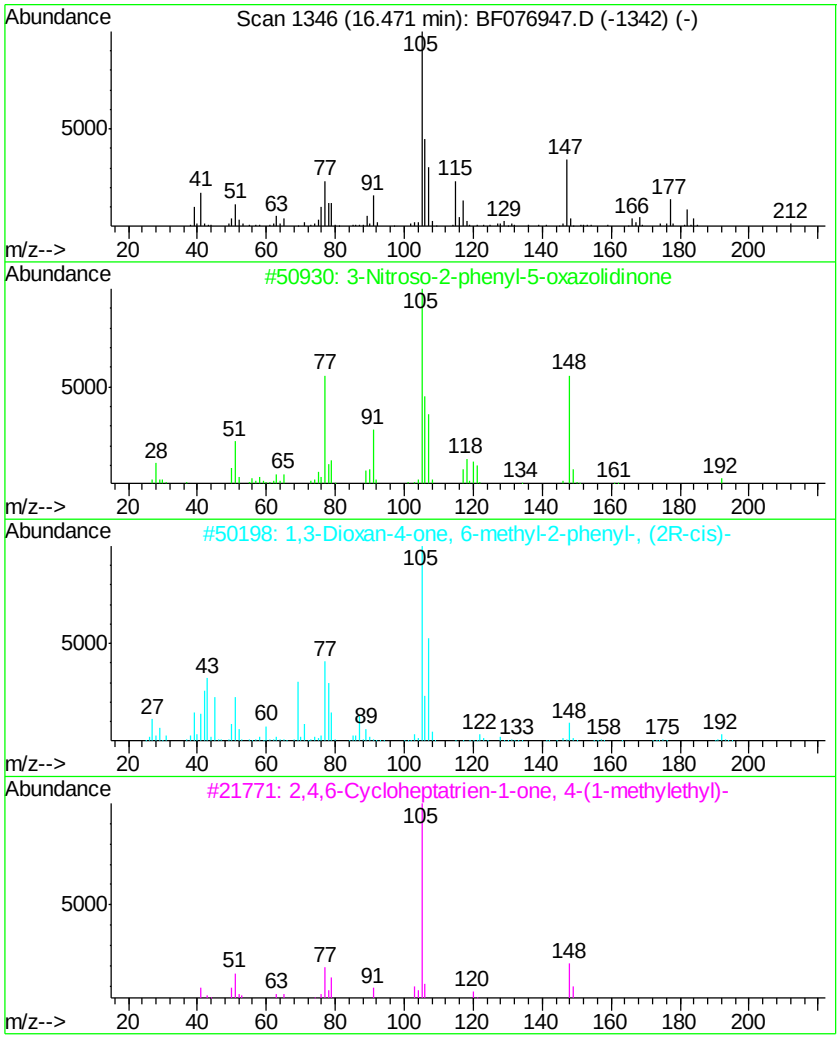
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

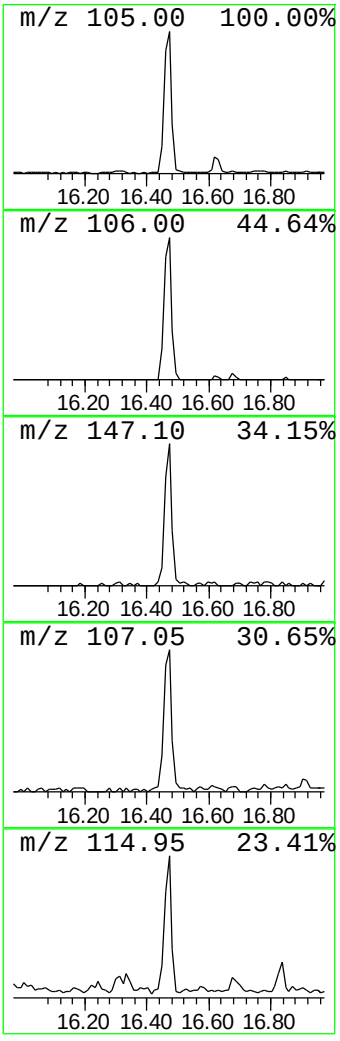
****

Peak Number 19 unknown16.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	26.97 ng	436626	Phenanthrene-d10	17.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nitroso-2-phenyl-5-oxazolidinone	192	C9H8N2O3	074471-73-1	32
2	1,3-Dioxan-4-one, 6-methyl-2-phe...	192	C11H12O3	112463-28-2	22
3	2,4,6-Cycloheptatrien-1-one, 4-(...	148	C10H12O	013656-81-0	14
4	Benzamide, N,N-diethyl-	177	C11H15NO	001696-17-9	14
5	Ethanone, 2-hydroxy-1,2-diphenyl-	212	C14H12O2	000119-53-9	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

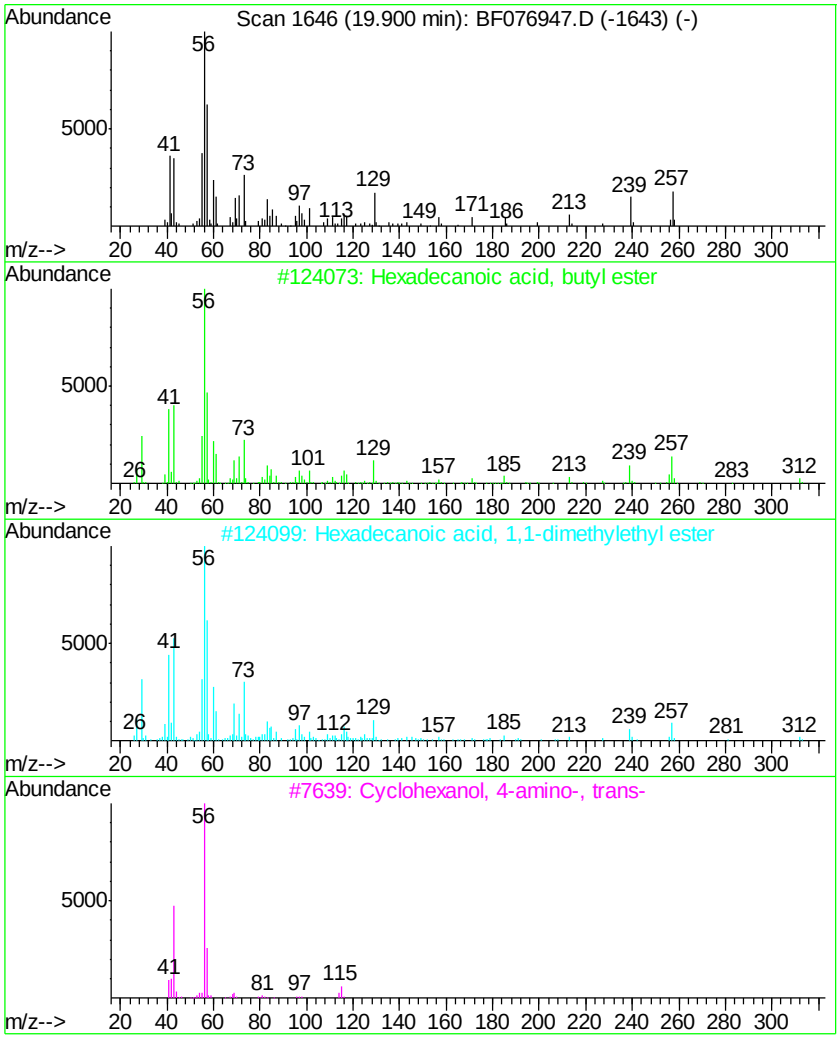
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

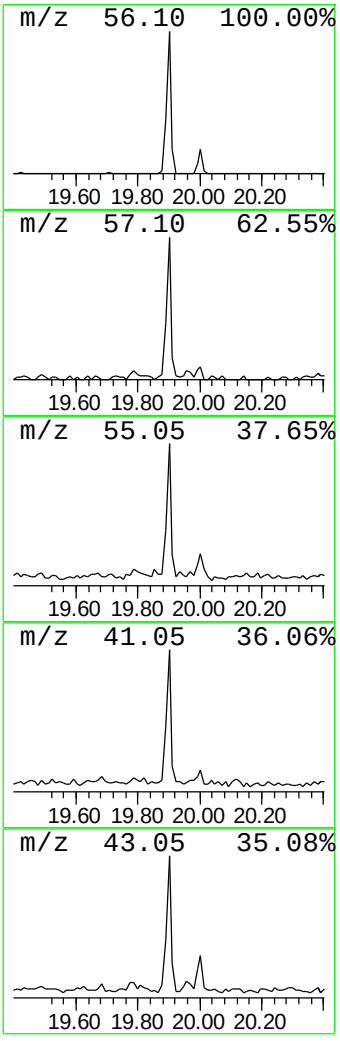
****

Peak Number 20 Hexadecanoic acid, butyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	9.06 ng	176284	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011915\
Data File : BF076947.D
Acq On : 20 Jan 2015 3:27
Operator : IZ / TP
Sample : G1078-01
Misc : W
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	7.28	7.7	ng	71673	1	7.97	187095	20.0
unknown7.46	7.46	80.7	ng	755223	1	7.97	187095	20.0
Indane	8.36	9.4	ng	88159	1	7.97	187095	20.0
1-Phenyl-1-butene	10.32	12.9	ng	192053	2	10.88	297521	20.0
Naphthalene, 1,2,...	10.54	16.6	ng	246344	2	10.88	297521	20.0
Naphthalene, 1,2,...	12.13	14.7	ng	218703	2	10.88	297521	20.0
Naphthalene, 1,2,...	12.48	11.3	ng	168481	2	10.88	297521	20.0
Naphthalene, 2-me...	12.80	40.5	ng	602007	2	10.88	297521	20.0
Naphthalene, 2,6-...	14.11	22.5	ng	342554	3	15.01	304634	20.0
Naphthalene, 2,3-...	14.27	31.0	ng	472398	3	15.01	304634	20.0
Naphthalene, 2,7-...	14.32	17.5	ng	265988	3	15.01	304634	20.0
Naphthalene, 1,5-...	14.53	15.5	ng	236522	3	15.01	304634	20.0
3a,6-Methano-3aH-...	15.50	7.8	ng	119177	3	15.01	304634	20.0
unknown16.47	16.47	27.0	ng	436626	4	17.77	323737	20.0
Hexadecanoic acid...	19.90	9.1	ng	176284	5	21.27	389158	20.0