LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101429.D
Acq On : 15 Dec 2017 7:51
Operator : SJ/JU
Sample : I6878-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3-DEP

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	498	501	510	rBV	54306	83647	1.93%	0.188%
2	5.398	559	563	566	rBV	42504	53382	1.23%	0.120%
3	5.434	566	569	594	rVB	1072912	1371711	31.72%	3.088%
4	5.657	603	607	614	rVB	45983	49612	1.15%	0.112%
5	6.451	739	742	761	rBV2	654040	1082656	25.04%	2.438%
6	6.587	761	765	771	rVV	2482135	2441867	56.47%	5.498%
7	6.634	771	773	776	rVV	103723	99571	2.30%	0.224%
8	6.669	776	779	786	rVB	82190	81486	1.88%	0.183%
9	6.816	800	804	810	rBV	1117487	1057056	24.45%	2.380%
10	6.869	810	813	819	rVB2	32237	45811	1.06%	0.103%
11	6.969	826	830	844	rBV	3194673	3395083	78.51%	7.644%
12	7.075	844	848	863	rVB	663477	772168	17.86%	1.738%
13	7.234	872	875	890	rBV	423172	675249	15.62%	1.520%
14	7.386	896	901	910	rBV	2596928	2736471	63.28%	6.161%
15	7.457	910	913	918	rVV	55585	66804	1.54%	0.150%
16	7.510	918	922	926	rVV2	160842	242495	5.61%	0.546%
17	7.545	926	928	932	rVB2	48371	44946	1.04%	0.101%
18	7.751	960	963	974	rBV	703679	1024998	23.70%	2.308%
19	7.833	974	977	981	rVV3	75226	123356	2.85%	0.278%
20	7.886	981	986	995	rVV	604519	908874	21.02%	2.046%
21	7.951	995	997	1003	rVB	131332	131555	3.04%	0.296%
22	8.063	1013	1016	1018	rBV	164648	175217	4.05%	0.394%
23	8.098	1018	1022	1023	rVV	1526503	1362506	31.51%	3.068%
24	8.122	1023	1026	1029	rVV	2173905	2037513	47.12%	4.587%
25	8.169	1030	1034	1041	rVB2	445335	501007	11.59%	1.128%
26	8.263	1046	1050	1054	rBV2	74904	112007	2.59%	0.252%
27	8.333	1059	1062	1066	rVV	123852	170699	3.95%	0.384%
28	8.369	1066	1068	1074	rVB	77809	83159	1.92%	0.187%
29	8.457	1080	1083	1093	rVB2	256987	334335	7.73%	0.753%
30	8.533	1093	1096	1098	rBV	95122	94524	2.19%	0.213%
31	8.557	1098	1100	1103	rVB	108098	87748	2.03%	0.198%
32	8.657	1114	1117	1122	rBV	91721	109085	2.52%	0.246%
33	8.704	1122	1125	1129	rVB3	35646	47992	1.11%	0.108%
34	8.763	1129	1135	1137	rBV3	59606	98522	2.28%	0.222%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6878-02
Misc :
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Instrument : BNA_F
ClientSampleId : TW-3-DEP

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.810	1140	1143	1149	rVV	521982	470508	10.88%	1.059%
36	8.869	1149	1153	1156	rVV2	206693	272912	6.31%	0.614%
37	8.910	1156	1160	1165	rVB	644724	590062	13.65%	1.328%
38	8.992	1170	1174	1180	rVB	102278	123865	2.86%	0.279%
39	9.175	1199	1205	1208	rBV	4339149	4324159	100.00%	9.735%
40	9.275	1213	1222	1230	rVB3	176921	275843	6.38%	0.621%
41	9.445	1245	1251	1255	rBV4	102783	203417	4.70%	0.458%
42	9.510	1259	1262	1265	rVV	170646	193706	4.48%	0.436%
43	9.539	1265	1267	1270	rVB	84485	68733	1.59%	0.155%
44	9.598	1275	1277	1279	rBV	69816	66364	1.53%	0.149%
45	9.627	1279	1282	1288	rVB	99999	125140	2.89%	0.282%
46	9.716	1293	1297	1300	rVB	150912	157201	3.64%	0.354%
47	9.851	1312	1320	1323	rBV2	1515176	1445192	33.42%	3.254%
48	9.886	1323	1326	1331	rVV	844102	728115	16.84%	1.639%
49	9.933	1331	1334	1337	rVV	137223	141935	3.28%	0.320%
50	10.016	1341	1348	1352	rVV2	230498	317508	7.34%	0.715%
51	10.057	1352	1355	1358	rVV	470701	458435	10.60%	1.032%
52	10.086	1358	1360	1367	rVB2	106562	131725	3.05%	0.297%
53	10.245	1384	1387	1395	rVB4	79265	141405	3.27%	0.318%
54	10.404	1410	1414	1419	rBV	521398	481739	11.14%	1.085%
55	10.469	1419	1425	1426	rBV3	45755	68271	1.58%	0.154%
56	10.486	1426	1428	1431	rVV3	99608	118075	2.73%	0.266%
57	10.539	1434	1437	1439	rVV2	112166	156742	3.62%	0.353%
58	10.563	1439	1441	1448	rVB	283757	287923	6.66%	0.648%
59	10.622	1448	1451	1452	rBV	93025	87428	2.02%	0.197%
60	10.645	1452	1455	1460	rVV	1615161	1663237	38.46%	3.745%
61	10.686	1460	1462	1467	rVB2	69553	70365	1.63%	0.158%
62	10.769	1473	1476	1483	rVB3	67812	127102	2.94%	0.286%
63	10.892	1493	1497	1501	rBV	98887	135829	3.14%	0.306%
64	10.939	1501	1505	1511	rVV3	122399	196573	4.55%	0.443%
65	11.239	1552	1556	1558	rBV	106210	102121	2.36%	0.230%
66	11.345	1570	1574	1576	rBV	1454444	1265526	29.27%	2.849%
67	11.369	1576	1578	1582	rVV	824642	658295	15.22%	1.482%
68	11.421	1582	1587	1590	rVV2	174178	223078	5.16%	0.502%
69	11.463	1590	1594	1597	rVB2	97444	120404	2.78%	0.271%
70	11.580	1609	1614	1618	rBV	895193	855884	19.79%	1.927%
71	11.651	1623	1626	1629	rVV2	76999	91044	2.11%	0.205%

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ClientSampleId : TW-3-DEP

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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72	11.686	1629	1632	1635	rVB	42000	45243	1.05%	0.102%
73	11.845	1655	1659	1661	rBV2	42679	46157	1.07%	0.104%
74	11.880	1661	1665	1667	rBV2	111813	103800	2.40%	0.234%
75	11.963	1676	1679	1687	rVB2	71193	113089	2.62%	0.255%
76	12.027	1687	1690	1693	rBV2	78789	91528	2.12%	0.206%
77	12.057	1693	1695	1698	rVB2	46892	44133	1.02%	0.099%
78	12.563	1778	1781	1786	rVB	132522	127634	2.95%	0.287%
79	12.733	1807	1810	1813	rVB2	124917	108587	2.51%	0.244%
80	12.792	1817	1820	1823	rBV	87170	75857	1.75%	0.171%
81	12.927	1839	1843	1847	rBV	2952079	3013237	69.68%	6.784%
82	13.110	1872	1874	1878	rVB	50386	57713	1.33%	0.130%
83	13.439	1928	1930	1933	rBV2	76186	65420	1.51%	0.147%
84	13.815	1991	1994	2000	rBV	65991	81602	1.89%	0.184%
85	13.992	2020	2024	2028	rBV	966631	949225	21.95%	2.137%
86	15.468	2270	2275	2283	rVB	591801	844330	19.53%	1.901%

Sum of corrected areas: 44416528

LSC Report - Integrated Chromatogram

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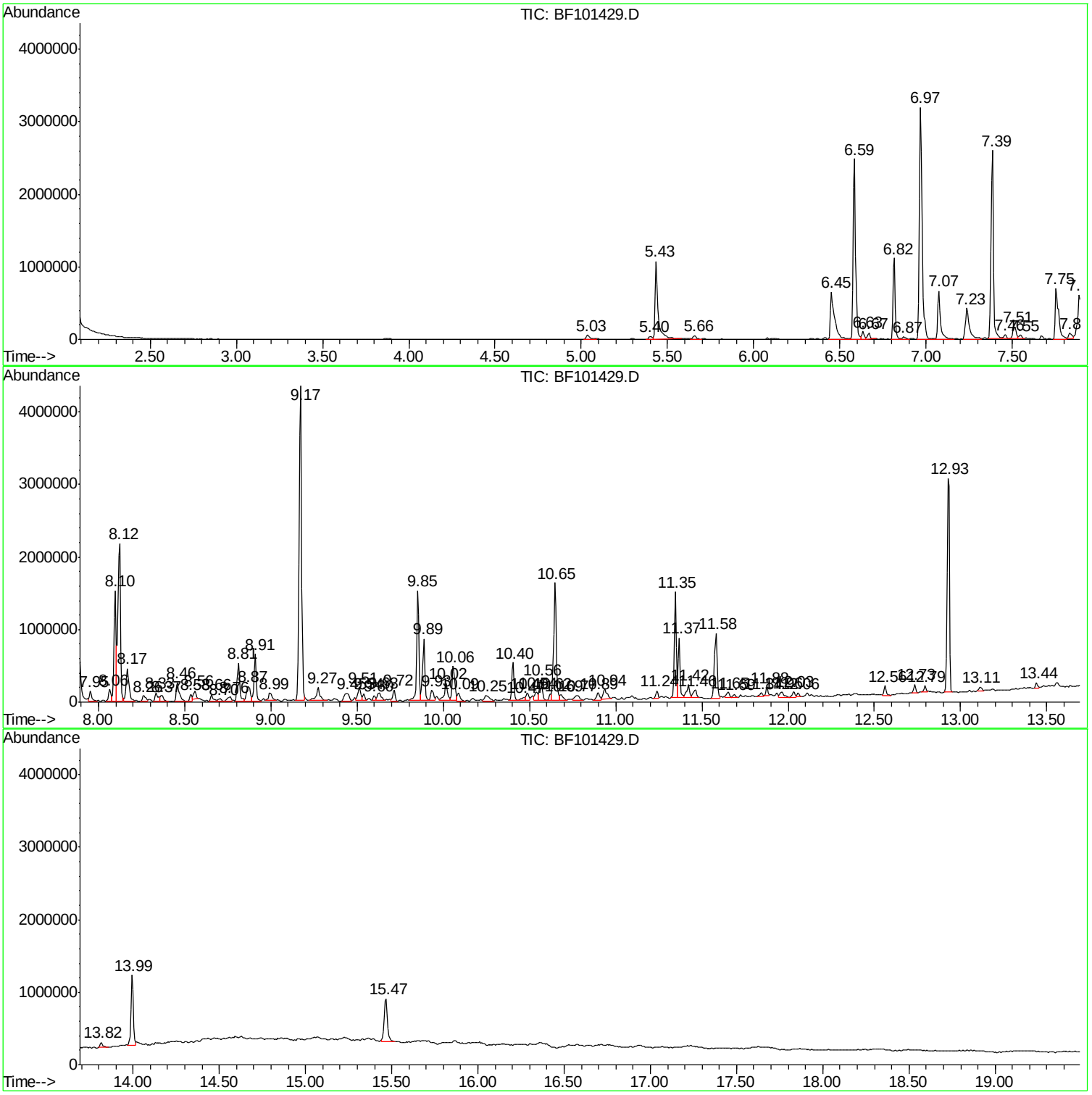
Operator : SJ/JU
Sample : I6878-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101429.D
Acq On : 15 Dec 2017 7:51
Operator : SJ/JU
Sample : I6878-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

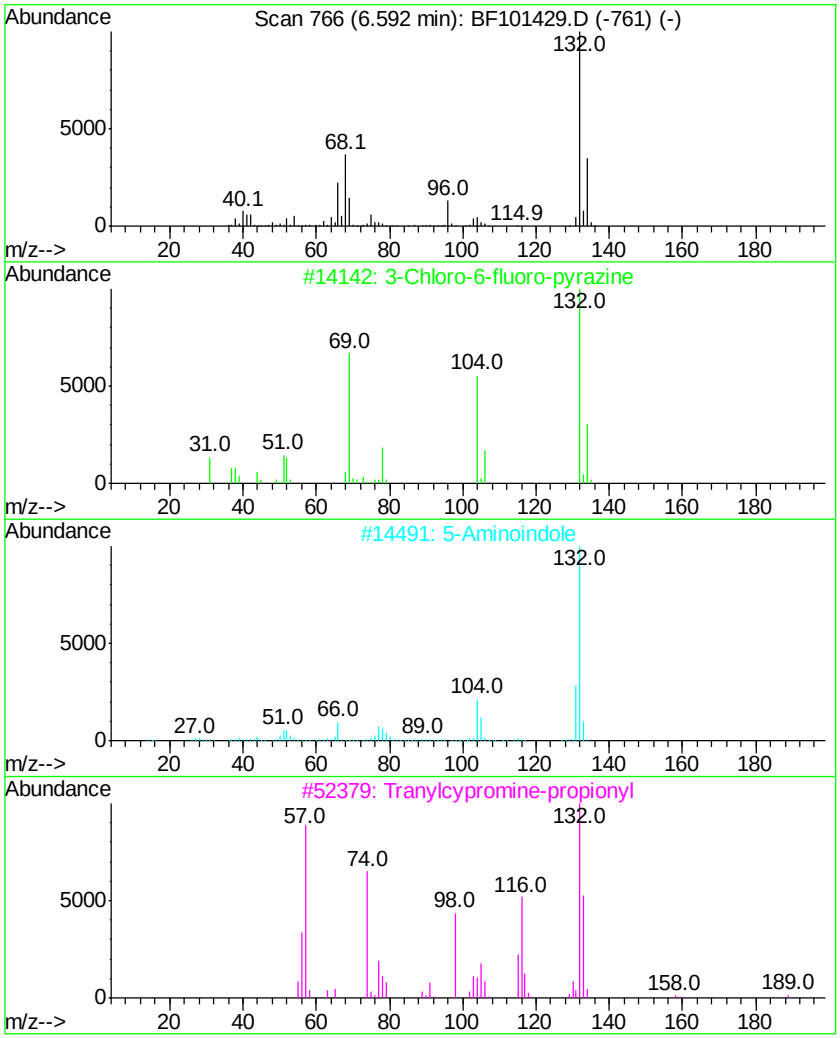
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

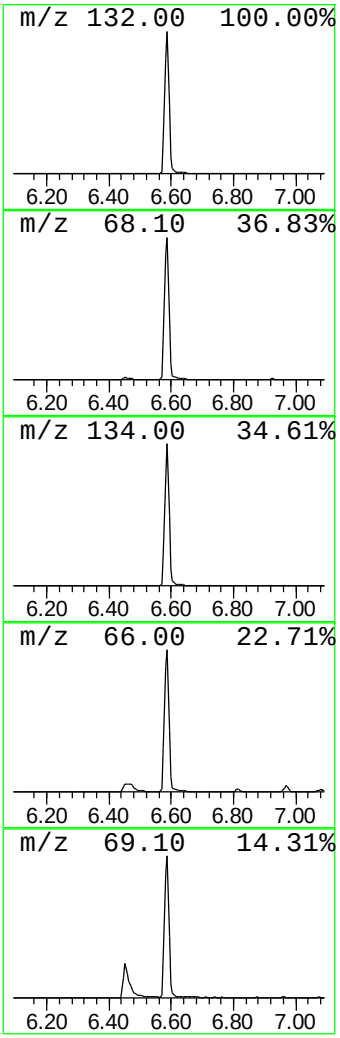
****

Peak Number 1 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	46.20 ng	2441870	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF101429.D
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Sample : I6878-02
Misc :
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Instrument : BNA_F
ClientSampleId : TW-3-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

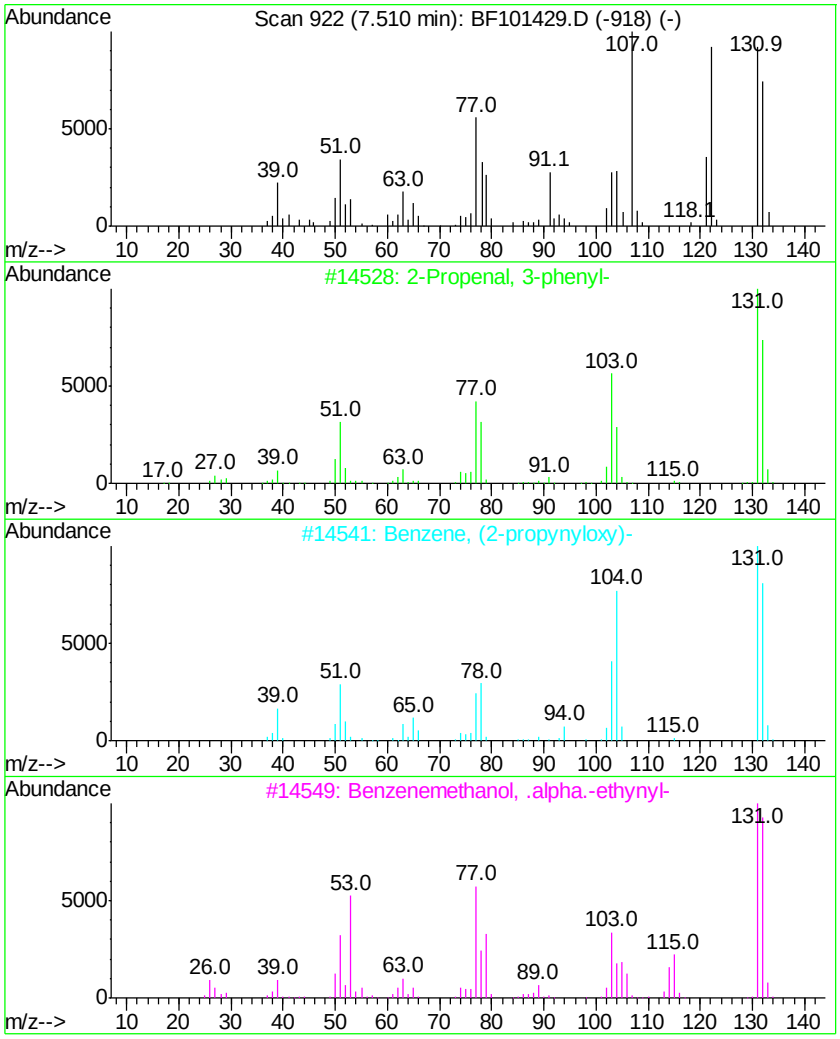
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

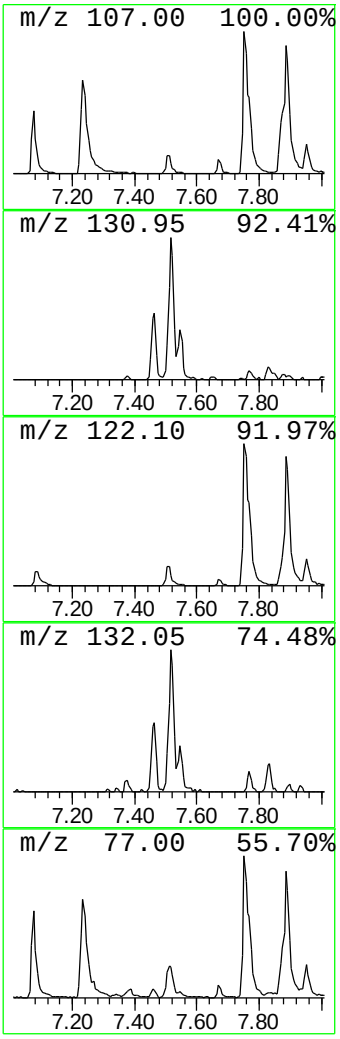
****

Peak Number 3 2-Propenal, 3-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	3.56 ng	242495	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	70
2	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	60
3	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	53
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	50
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	50





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Instrument : BNA_F
ClientSampleId : TW-3-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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TIC Library : C:\DATABASE\NIST11.L
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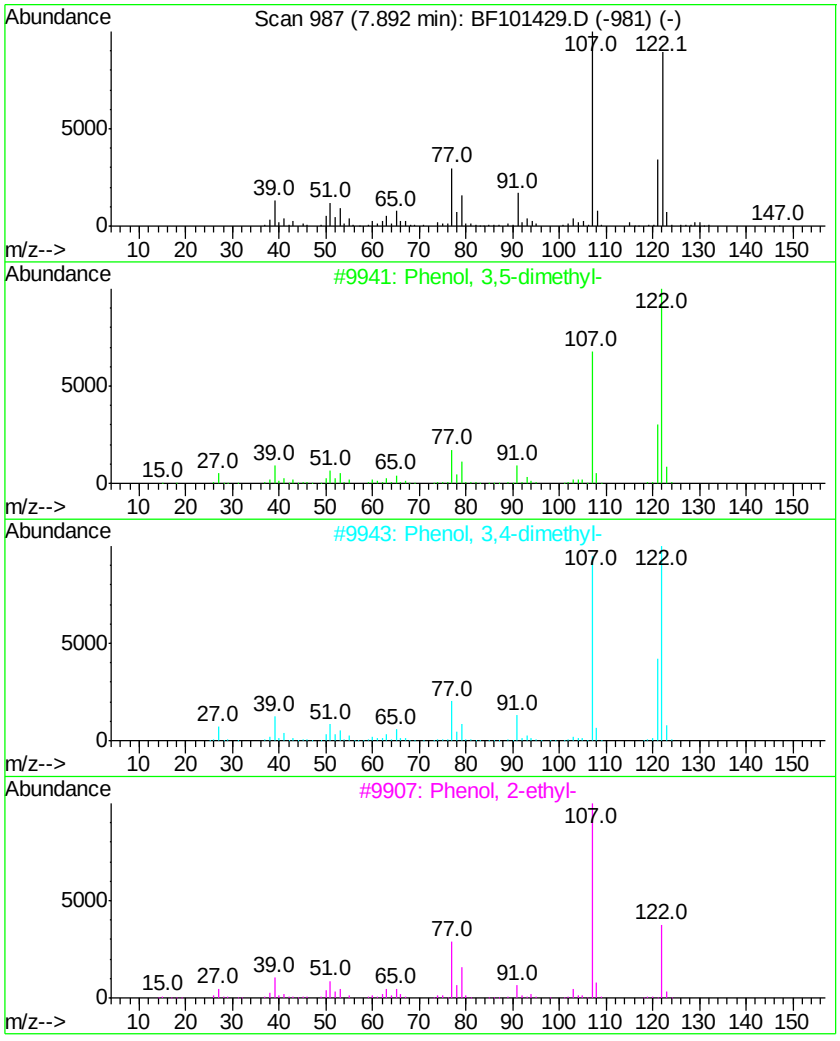
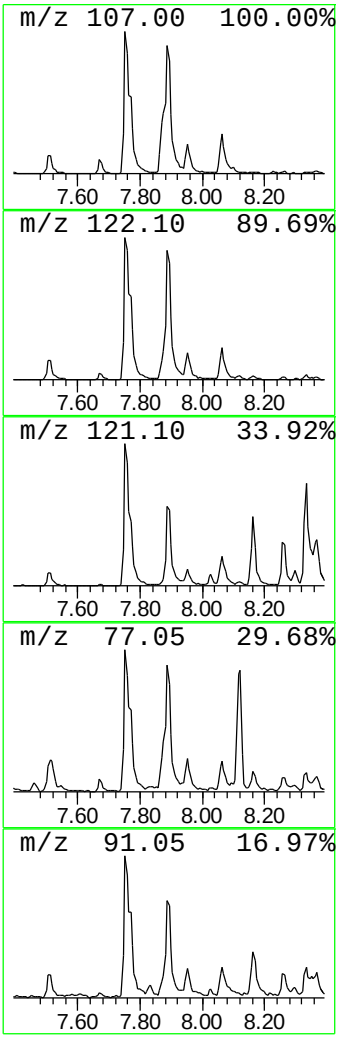
****

Peak Number 4 Phenol, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	13.34 ng	908874	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90





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Sample : I6878-02
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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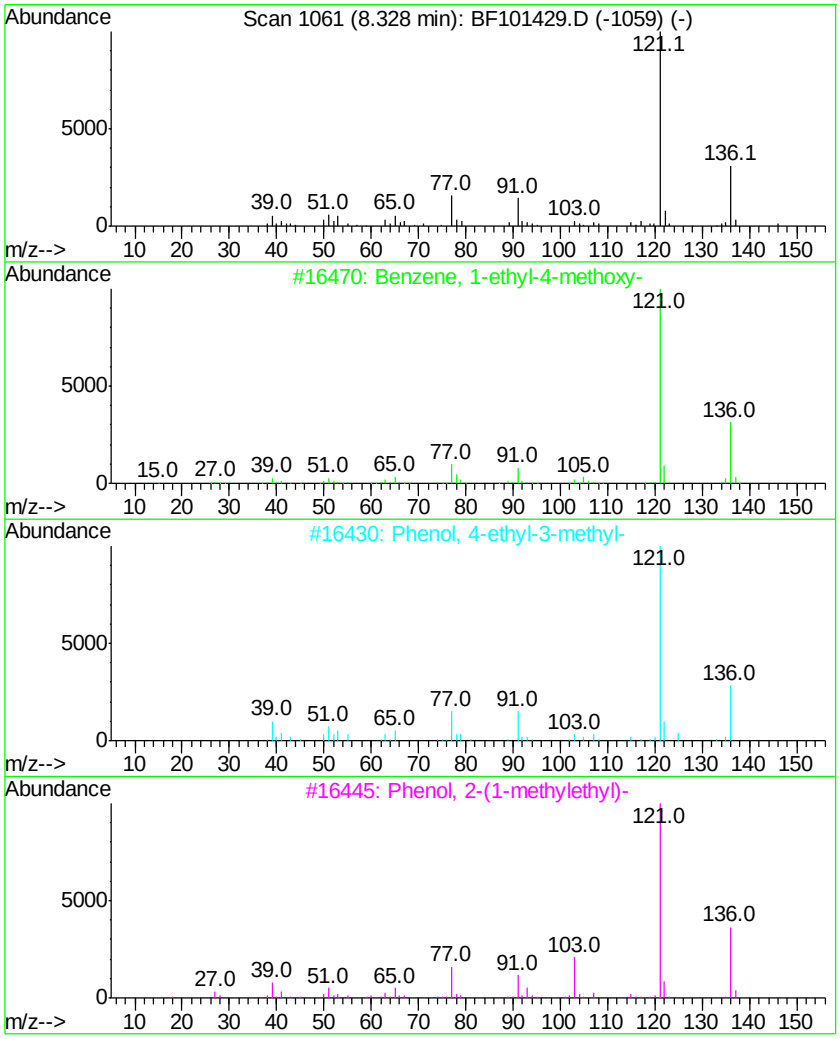
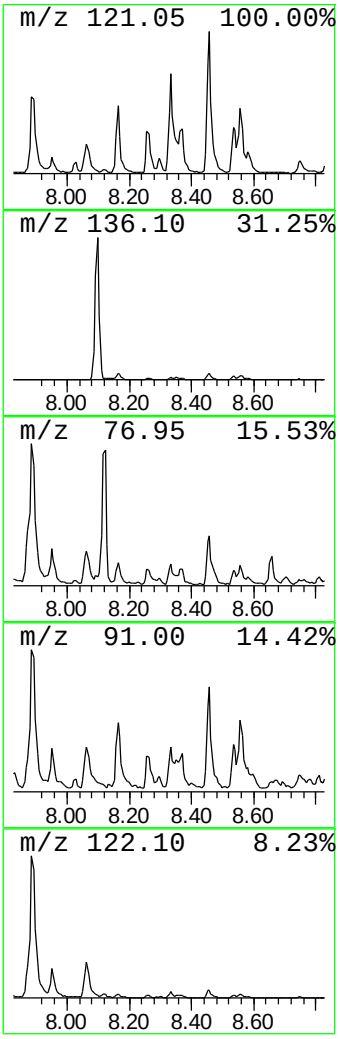
****

Peak Number 5 Benzene, 1-ethyl-4-methoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	2.51 ng	170699	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
5	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	80





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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

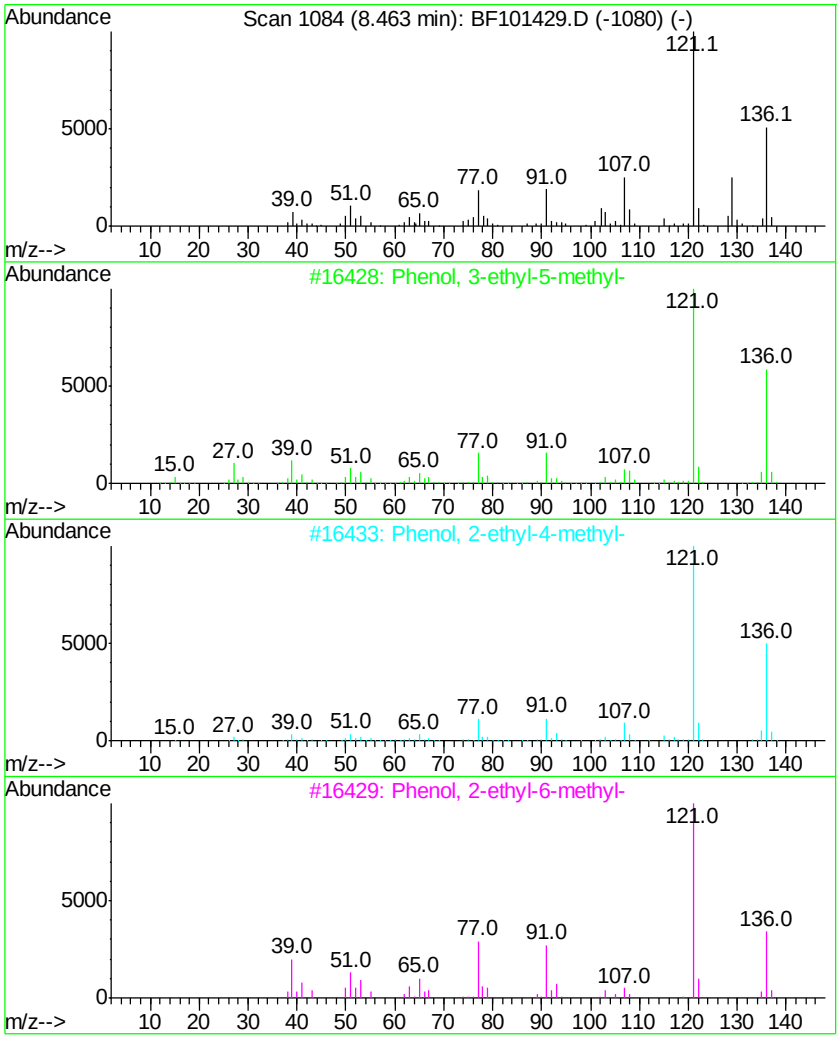
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

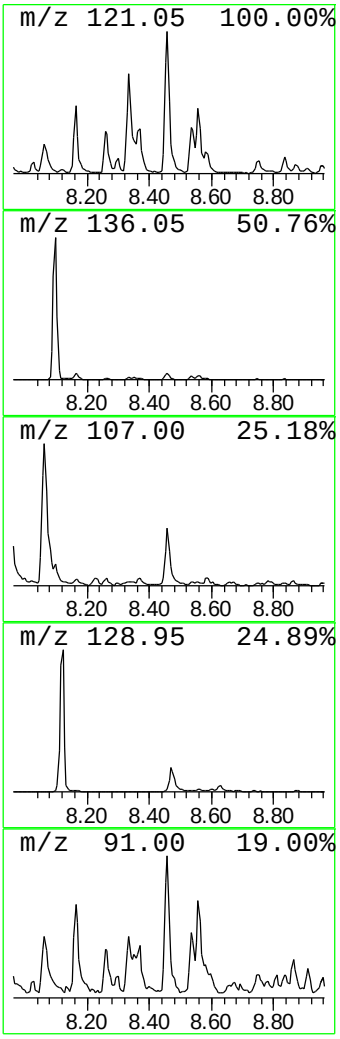
****

Peak Number 6 Phenol, 3-ethyl-5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	4.91 ng	334335	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	74
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	74





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Sample : I6878-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3-DEP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

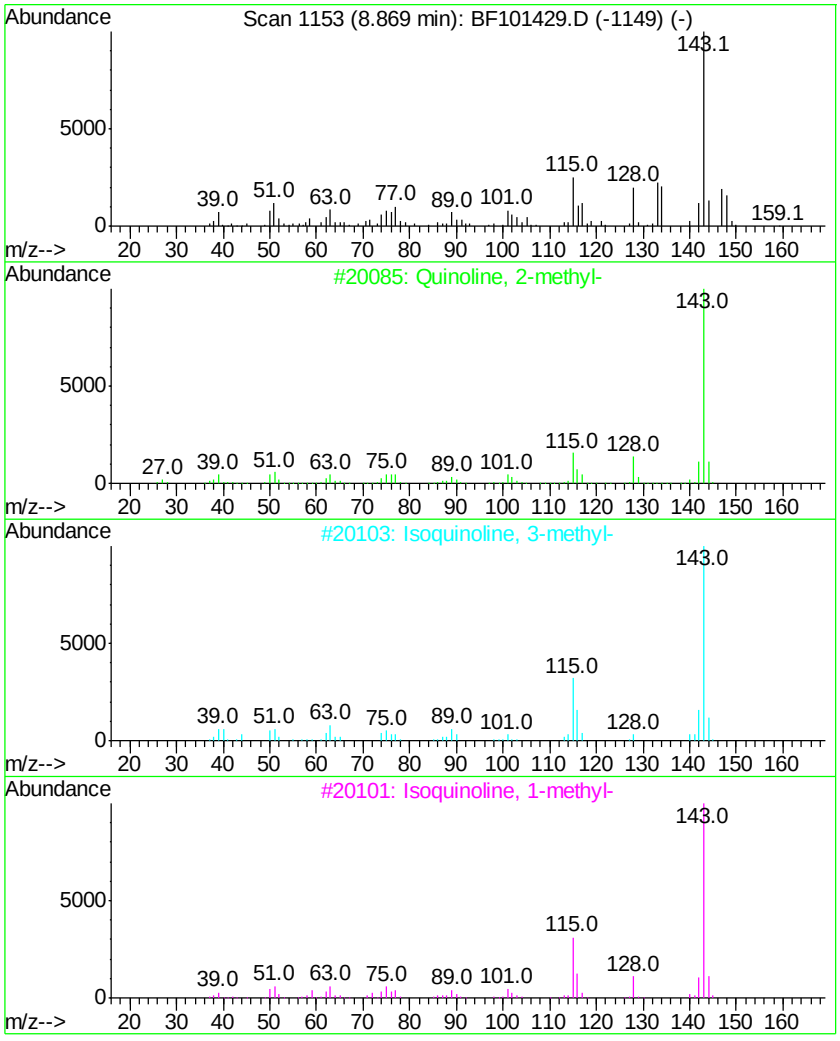
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

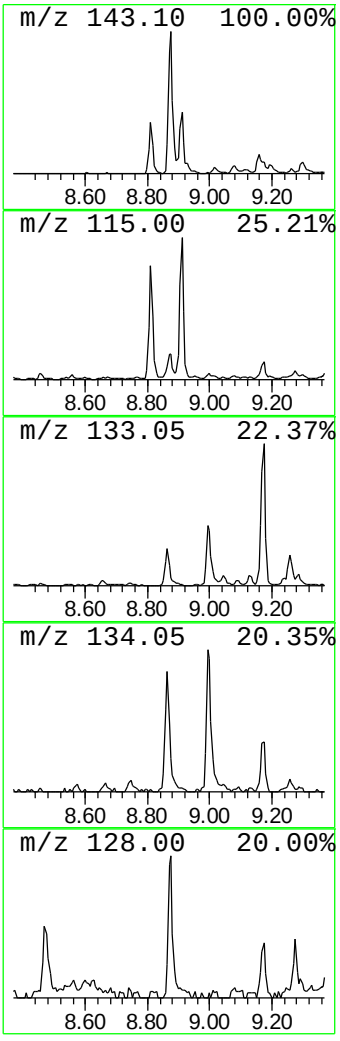
****

Peak Number 7 Quinoline, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	4.01 ng	272912	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	83
2	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	55
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	55
4	1H-Pyrrole, 1-phenyl-	143	C10H9N	000635-90-5	46
5	1H-Pyrrole, 2-phenyl-	143	C10H9N	003042-22-6	46





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Operator : SJ/JU
Sample : I6878-02
Misc :
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Instrument : BNA_F
ClientSampleId : TW-3-DEP

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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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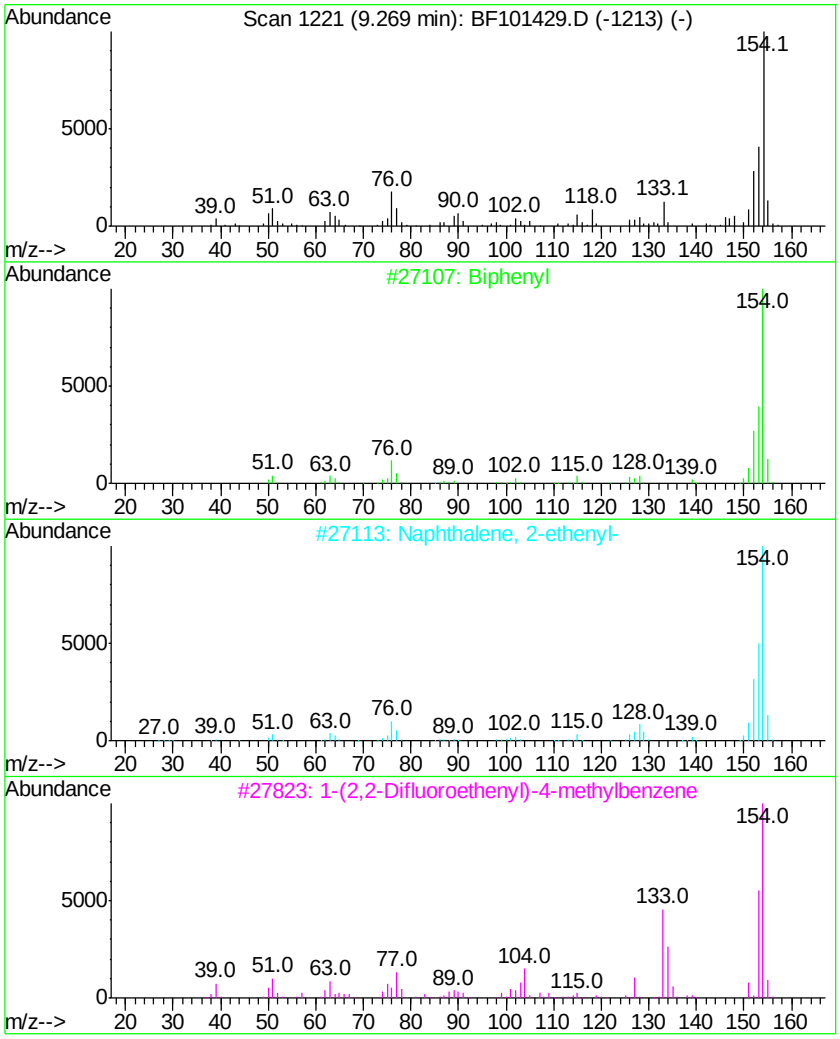
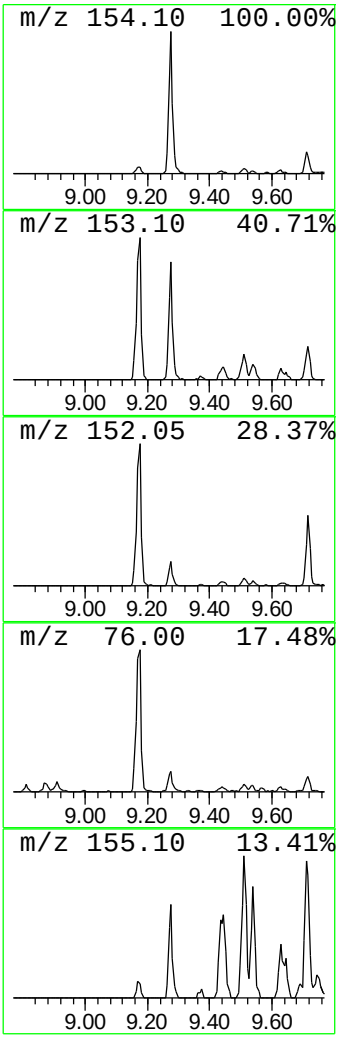
Peak Number 9 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.82 ng	275843	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
3	1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	58
4	1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	43
5	6-Cyanoquinoline	154	C10H6N2	023395-72-4	43





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ClientSampleId : TW-3-DEP

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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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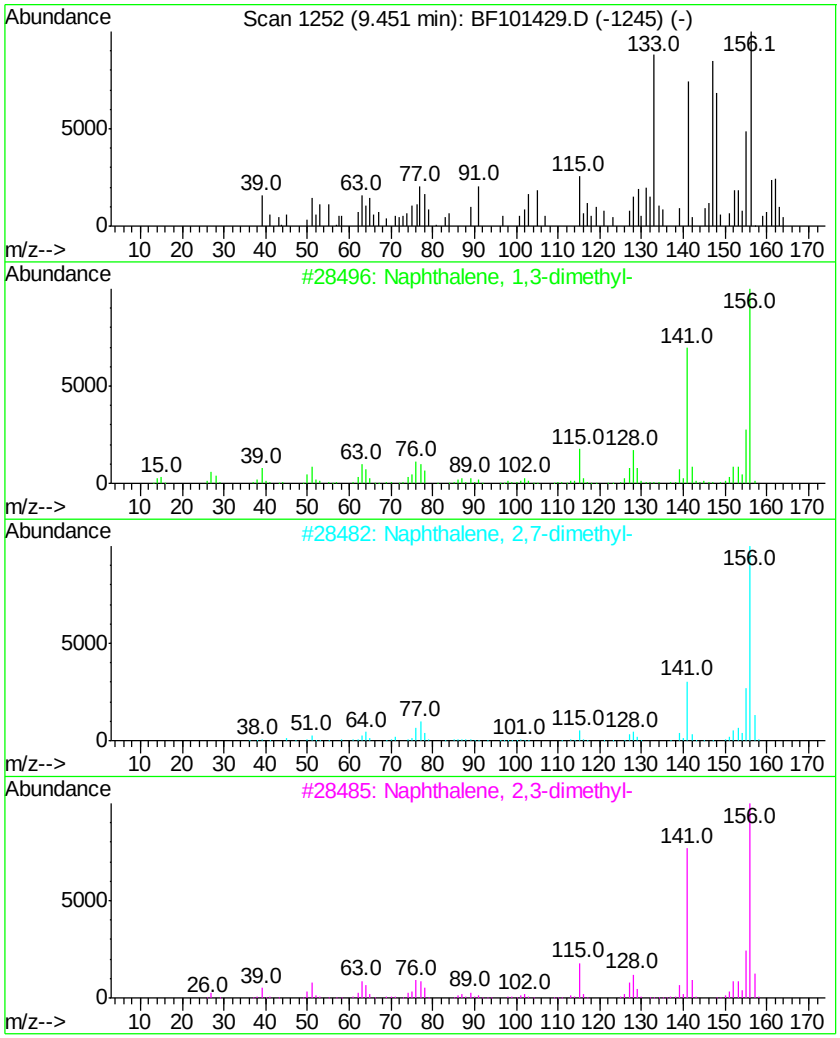
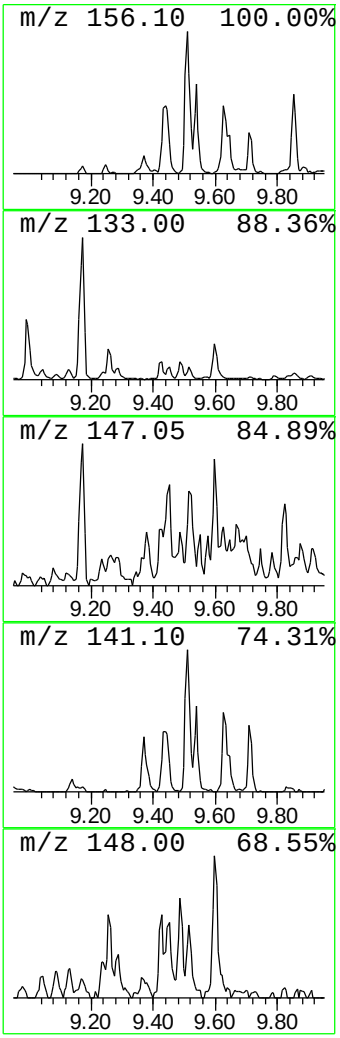
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.82 ng	203417	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	83
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	78
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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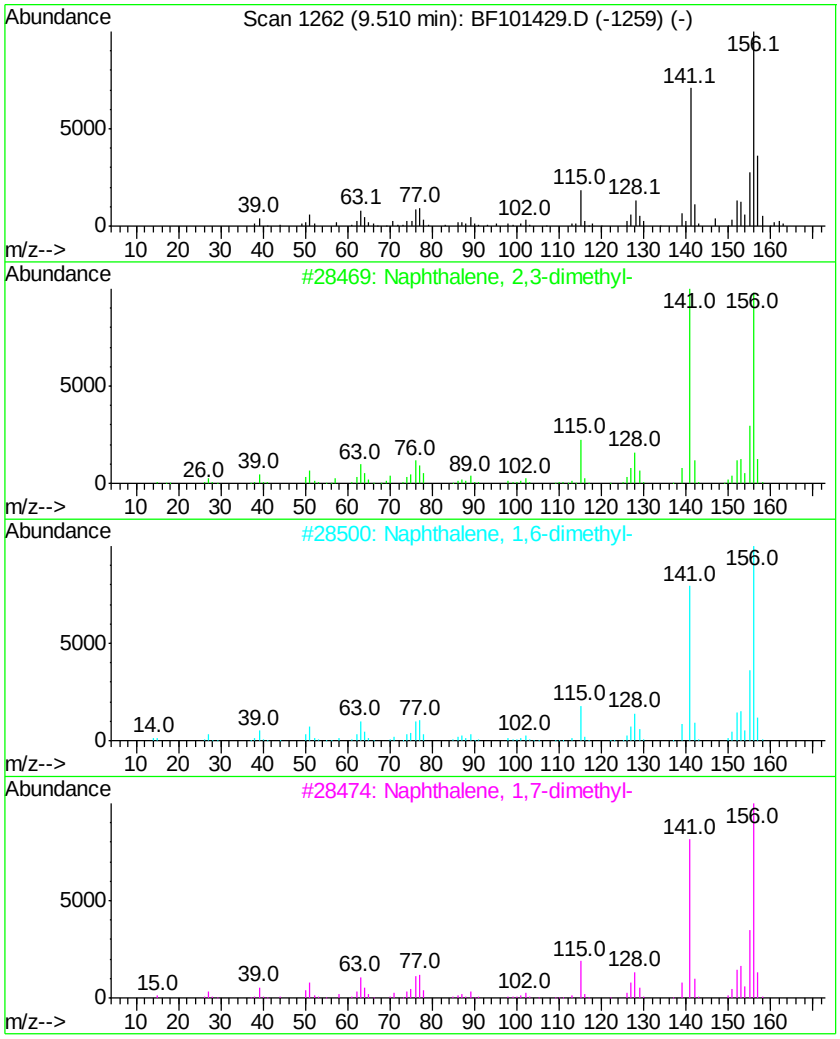
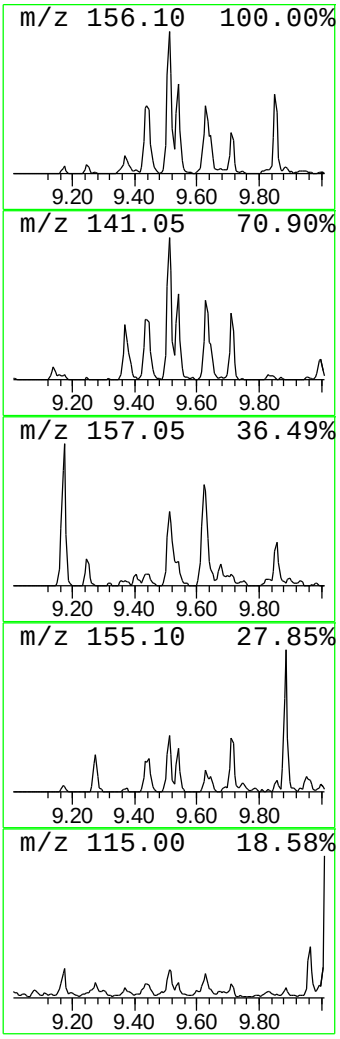
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.68 ng	193706	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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ClientSampleId : TW-3-DEP

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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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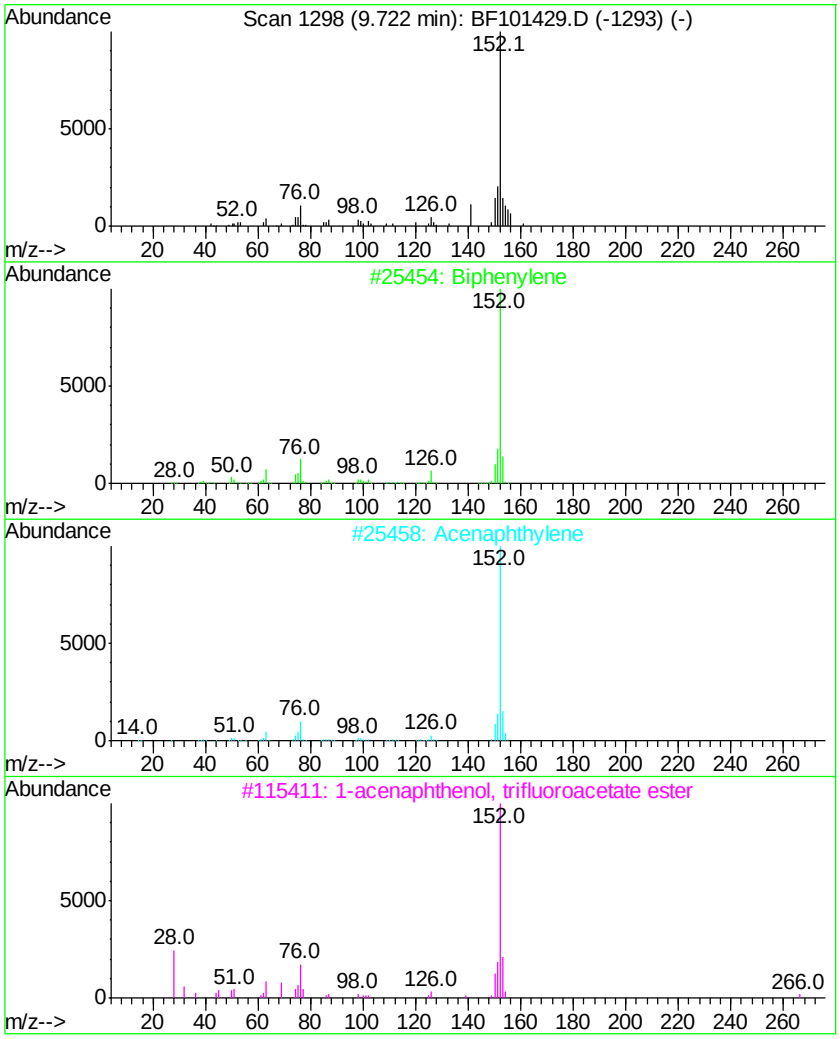
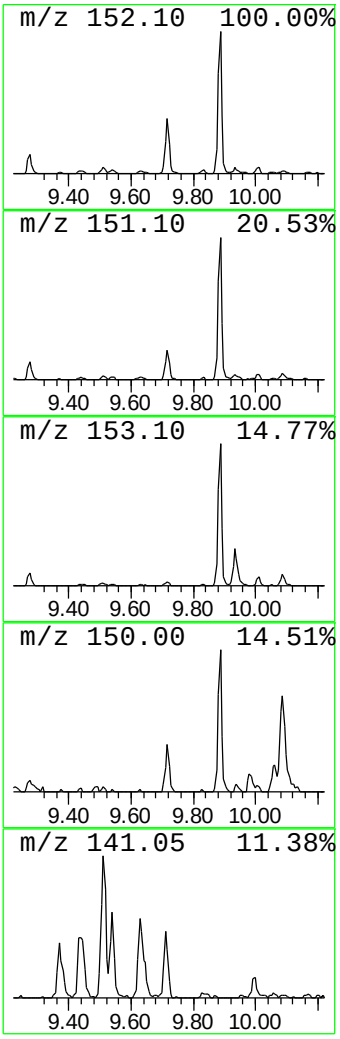
Peak Number 12 Biphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.18 ng	157201	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	92
2	Acenaphthylene	152	C12H8	000208-96-8	64
3	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	52
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	33
5	Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	28





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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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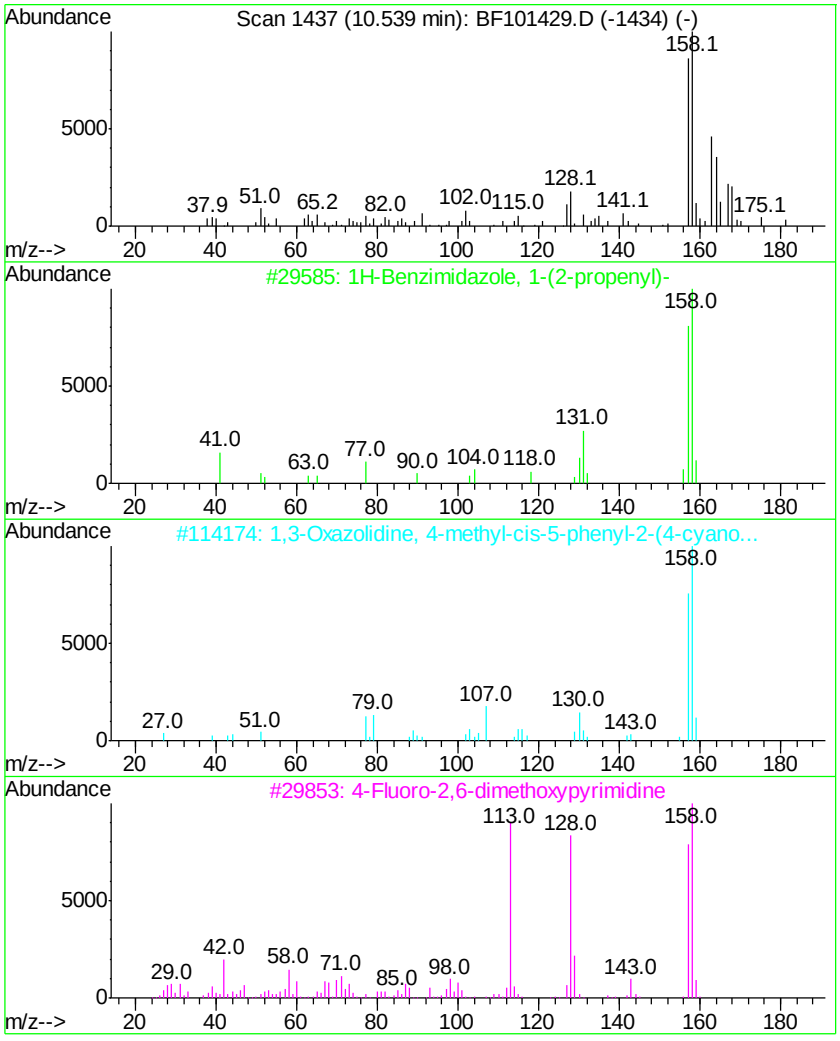
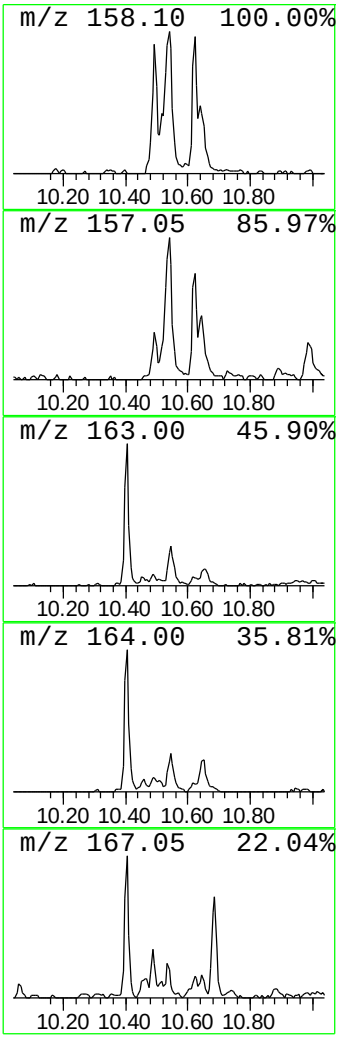
Peak Number 13 unknown10.54 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.17 ng	156742	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	43
2	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	43
3	4-Fluoro-2,6-dimethoxypyrimidine	158	C6H7FN2O2	000658-87-7	38
4	1,8-Naphthyridine, 2,7-dimethyl-	158	C10H10N2	014903-78-7	25
5	2,3-Naphthalenediamine	158	C10H10N2	000771-97-1	18





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ClientSampleId : TW-3-DEP

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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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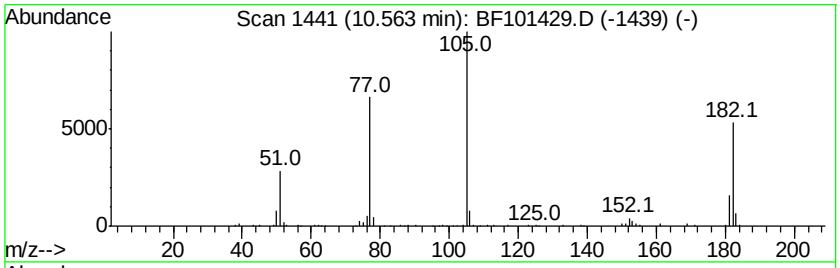
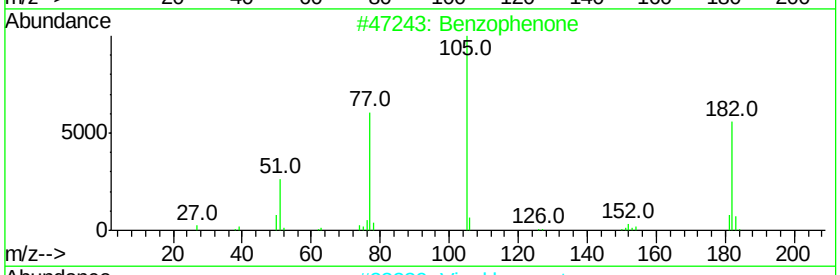
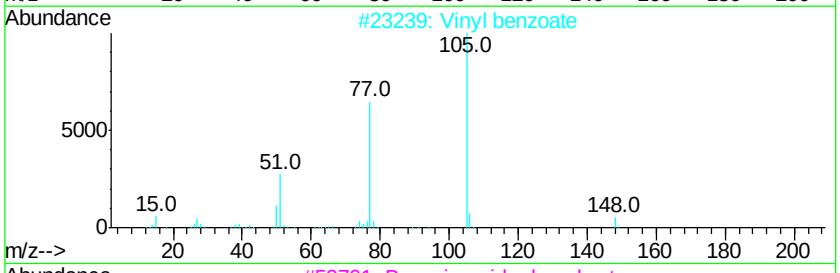
Peak Number 14 Benzophenone Concentration Rank 7

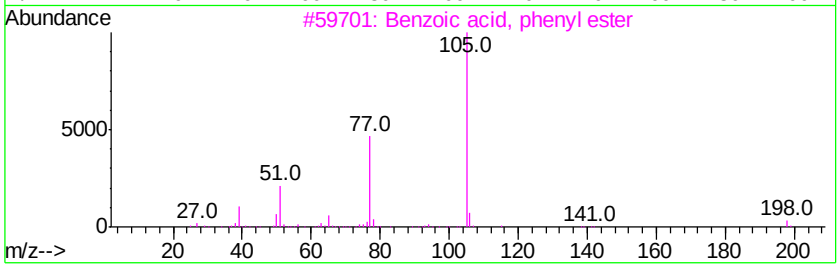
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	3.98 ng	287923	Acenaphthene-d10	9.85

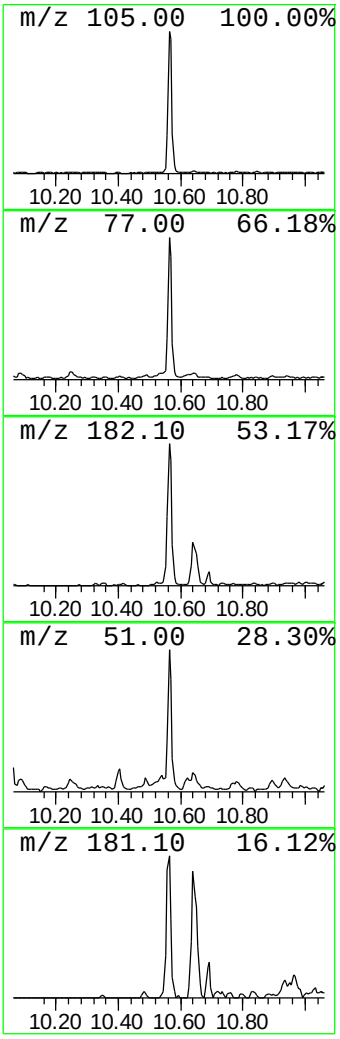
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Vinyl benzoate	148	C9H8O2	000769-78-8	47
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47











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Sample : I6878-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

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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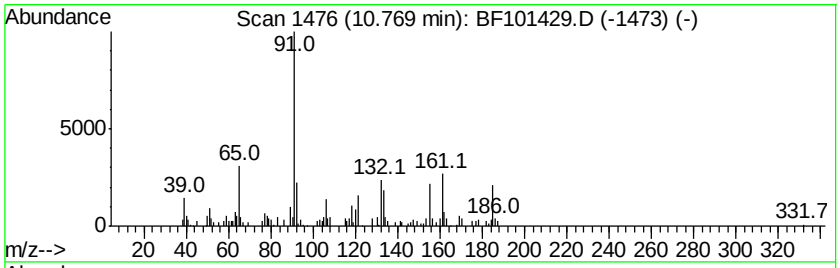
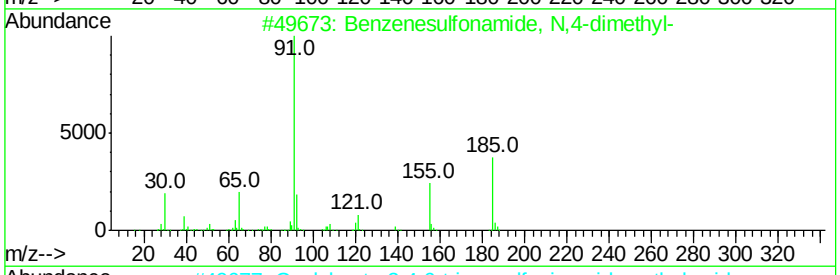
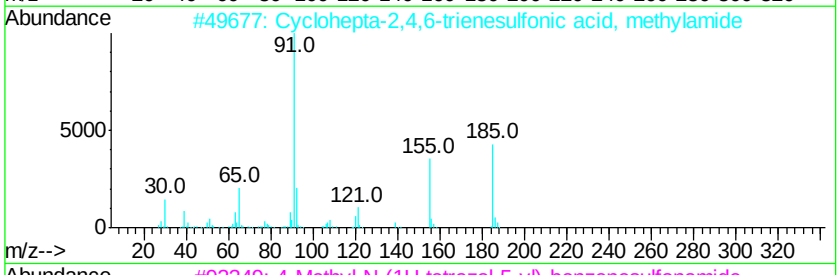
Peak Number 15 Benzenesulfonamide, N,4-dim... Concentration Rank 19

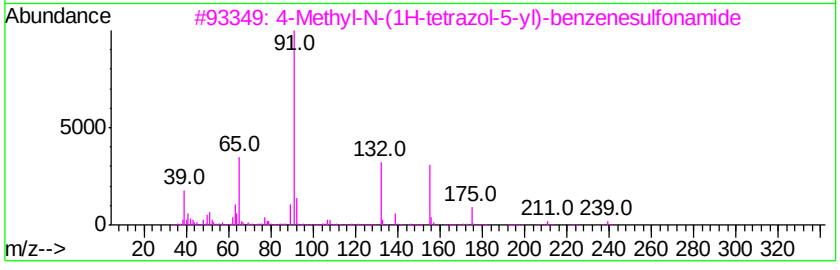
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.01 ng	127102	Phenanthrene-d10	11.35

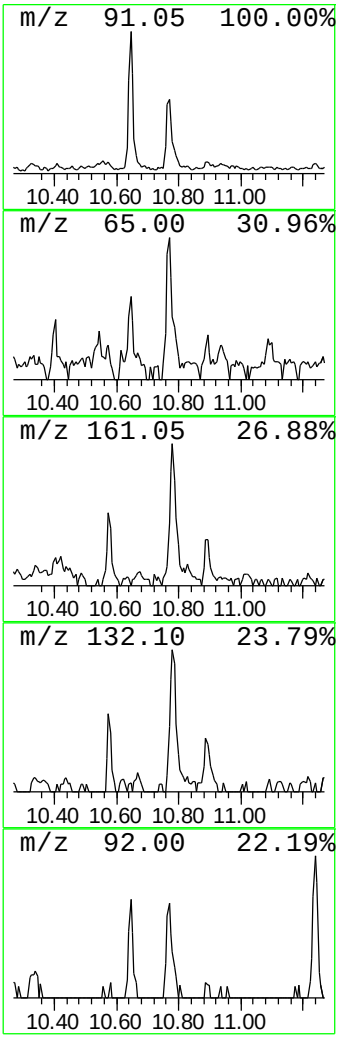
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	50
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	50
3	4-Methyl-N-(1H-tetrazol-5-yl)-be...	239	C8H9N5O2S	006455-80-7	25
4	Benzene, 3-butenyl-	132	C10H12	000768-56-9	11
5	Glycine, N-[(4-methylphenyl)sulf...	229	C9H11NO4S	001080-44-0	10











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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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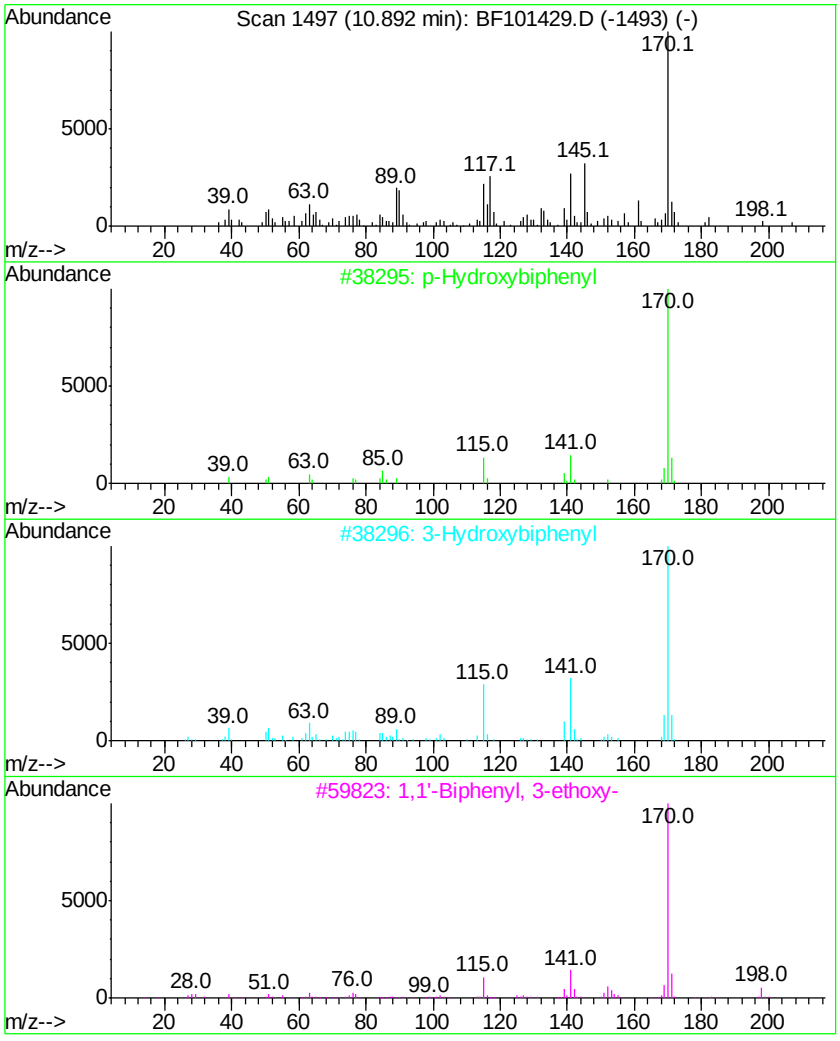
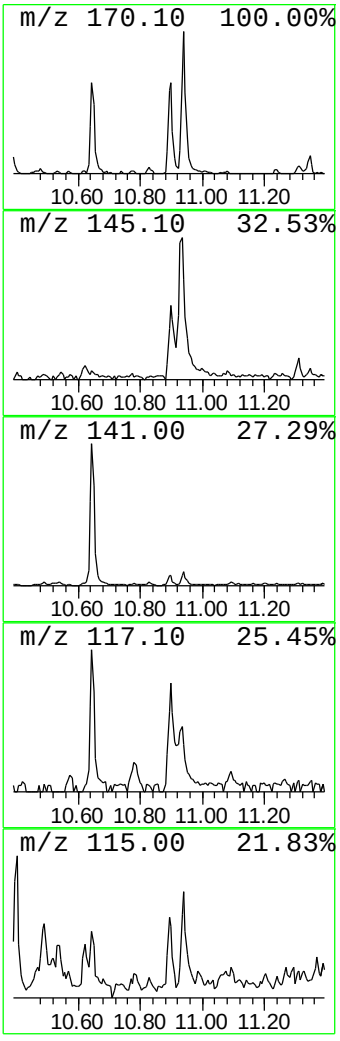
Peak Number 16 p-Hydroxybiphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.15 ng	135829	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	60
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	60
3	1,1'-Biphenyl, 3-ethoxy-	198	C14H14O	054852-73-2	49
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	49
5	cis,trans-2-Methyl-1-thiadecalin	170	C10H18S	042900-30-1	43





Library Search Compound Report

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ClientSampleId : TW-3-DEP

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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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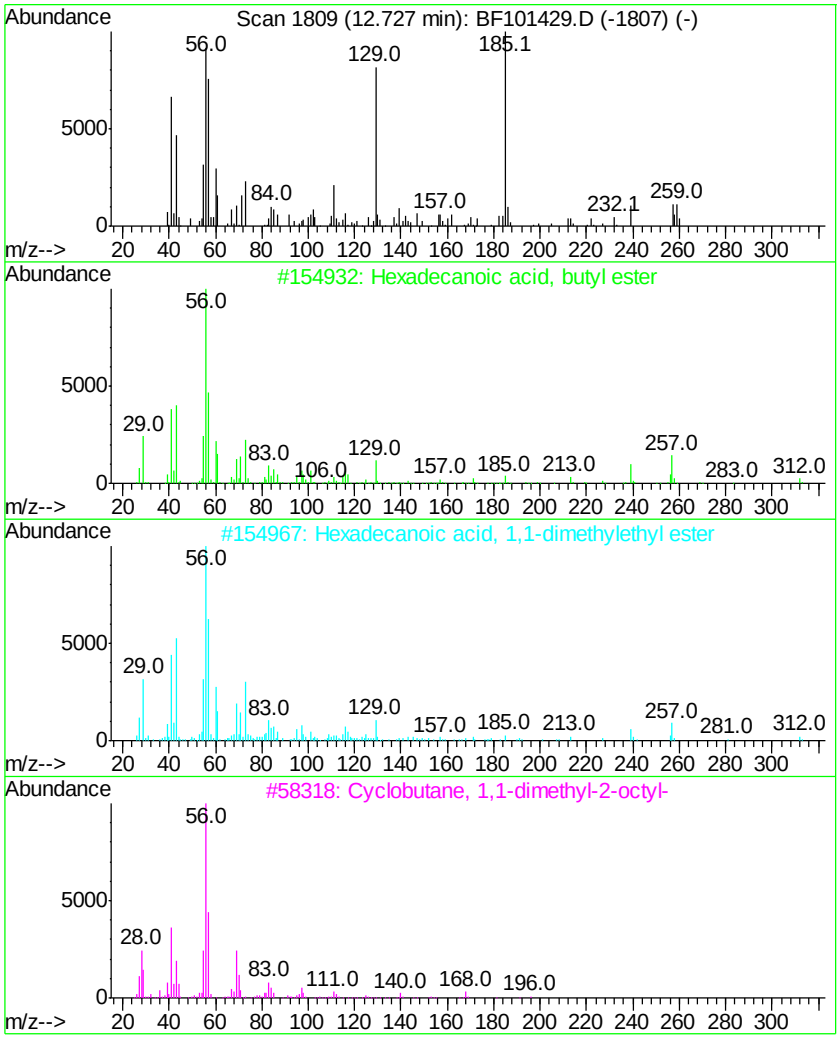
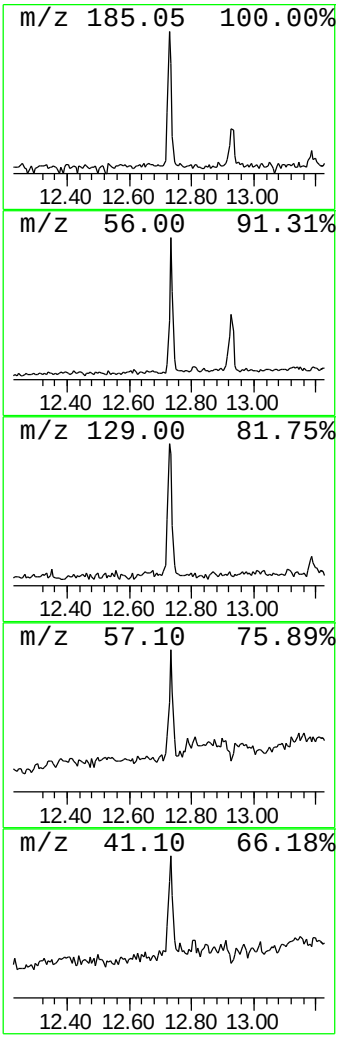
Peak Number 19 Hexadecanoic acid, butyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	2.29 ng	108587	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	80
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	68
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
4	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	32
5	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	30





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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2-Propenal, 3-phe...	7.51	3.6	ng	242495	2	8.10	1362510	20.0
Phenol, 3,5-dimet...	7.89	13.3	ng	908874	2	8.10	1362510	20.0
Benzene, 1-ethyl-...	8.33	2.5	ng	170699	2	8.10	1362510	20.0
Phenol, 3-ethyl-5...	8.46	4.9	ng	334335	2	8.10	1362510	20.0
Quinoline, 2-methyl-	8.87	4.0	ng	272912	2	8.10	1362510	20.0
Biphenyl	9.27	3.8	ng	275843	3	9.85	1445190	20.0
Naphthalene, 1,3-...	9.45	2.8	ng	203417	3	9.85	1445190	20.0
Naphthalene, 2,3-...	9.51	2.7	ng	193706	3	9.85	1445190	20.0
Biphenylene	9.72	2.2	ng	157201	3	9.85	1445190	20.0
unknown10.54	10.54	2.2	ng	156742	3	9.85	1445190	20.0
Benzophenone	10.56	4.0	ng	287923	3	9.85	1445190	20.0
Benzenesulfonamid...	10.77	2.0	ng	127102	4	11.35	1265530	20.0
p-Hydroxybiphenyl	10.89	2.1	ng	135829	4	11.35	1265530	20.0
Hexadecanoic acid...	12.73	2.3	ng	108587	5	13.99	949225	20.0