LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109488.D
Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

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-BF092218.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	5.169	519	524	531	rBV	1214814	1348802	50.72%	2.619%
2	5.322	547	550	556	rVV	251843	311456	11.71%	0.605%
3	5.540	583	587	597	rBV	198852	207240	7.79%	0.402%
4	5.869	640	643	651	rBV	286790	269887	10.15%	0.524%
5	6.351	722	725	729	rBV2	213349	297634	11.19%	0.578%
6	6.392	729	732	735	rVB	129268	121446	4.57%	0.236%
7	6.475	742	746	753	rBV	788498	800643	30.11%	1.555%
8	6.534	753	756	759	rVV	249692	259707	9.77%	0.504%
9	6.704	782	785	793	rVV	619411	575913	21.66%	1.118%
10	6.863	805	812	814	rBV	1069538	1073429	40.36%	2.084%
11	6.892	814	817	826	rVV	2803682	2659316	100.00%	5.164%
12	6.963	826	829	837	rVB	968294	972806	36.58%	1.889%
13	7.192	865	868	871	rBV	154544	143584	5.40%	0.279%
14	7.269	875	881	885	rVV2	831857	1067060	40.13%	2.072%
15	7.357	892	896	900	rBV	1136641	997236	37.50%	1.936%
16	7.410	900	905	908	rVV2	1549404	2168807	81.56%	4.211%
17	7.439	908	910	914	rVV	279838	242147	9.11%	0.470%
18	7.651	942	946	955	rBV3	275238	396719	14.92%	0.770%
19	7.734	955	960	964	rBV2	372450	389060	14.63%	0.755%
20	7.786	964	969	973	rBV2	532552	633753	23.83%	1.231%
21	7.986	995	1003	1005	rBV	752695	906835	34.10%	1.761%
22	8.010	1005	1007	1010	rVV	2636529	2263341	85.11%	4.395%
23	8.033	1010	1011	1012	rVV	205885	129226	4.86%	0.251%
24	8.057	1012	1015	1019	rVV	1759235	1728071	64.98%	3.356%
25	8.092	1019	1021	1023	rVV2	157009	134158	5.04%	0.261%
26	8.163	1027	1033	1036	rBV2	171501	255693	9.61%	0.497%
27	8.239	1040	1046	1055	rVB	496034	684013	25.72%	1.328%
28	8.351	1061	1065	1073	rBV	601230	756904	28.46%	1.470%
29	8.428	1073	1078	1080	rBV2	358593	414330	15.58%	0.805%
30	8.451	1080	1082	1088	rVV2	798004	852025	32.04%	1.654%
31	8.498	1088	1090	1096	rVB2	135010	135427	5.09%	0.263%
32	8.563	1096	1101	1103	rBV2	143792	207603	7.81%	0.403%
33	8.586	1103	1105	1108	rVB	250328	208170	7.83%	0.404%
34	8.651	1111	1116	1118	rBV3	222632	292211	10.99%	0.567%

LSC Area Percent Report

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Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.675	1118	1120	1123	rVV	216199	201127	7.56%	0.391%
36	8.722	1126	1128	1131	rBV2	147094	171583	6.45%	0.333%
37	8.751	1131	1133	1136	rVV3	103535	127377	4.79%	0.247%
38	8.798	1136	1141	1145	rVB	1737368	1545438	58.11%	3.001%
39	8.845	1145	1149	1151	rBV	284628	298209	11.21%	0.579%
40	8.869	1151	1153	1155	rVV	245725	223380	8.40%	0.434%
41	8.898	1155	1158	1162	rVB3	81781	114026	4.29%	0.221%
42	8.969	1167	1170	1173	rBV2	290322	294781	11.08%	0.572%
43	9.016	1173	1178	1181	rVB3	210263	302515	11.38%	0.587%
44	9.063	1181	1186	1189	rBV	1724179	1479715	55.64%	2.873%
45	9.145	1198	1200	1212	rVB3	399029	827759	31.13%	1.607%
46	9.269	1217	1221	1224	rVV2	467127	509768	19.17%	0.990%
47	9.310	1224	1228	1230	rVV2	367209	490149	18.43%	0.952%
48	9.333	1230	1232	1234	rVV2	297378	322149	12.11%	0.626%
49	9.357	1234	1236	1241	rVV3	827101	953553	35.86%	1.852%
50	9.398	1241	1243	1246	rVV2	415813	486176	18.28%	0.944%
51	9.457	1250	1253	1256	rVV	611133	600472	22.58%	1.166%
52	9.486	1256	1258	1260	rVV	275815	239530	9.01%	0.465%
53	9.516	1260	1263	1264	rVV	206500	204003	7.67%	0.396%
54	9.533	1264	1266	1268	rVV3	139063	148550	5.59%	0.288%
55	9.592	1271	1276	1281	rVB3	348803	480584	18.07%	0.933%
56	9.710	1292	1296	1297	rVV2	136234	168164	6.32%	0.327%
57	9.733	1297	1300	1303	rVV2	849996	847281	31.86%	1.645%
58	9.769	1303	1306	1309	rVV	1021500	900046	33.85%	1.748%
59	9.804	1309	1312	1315	rVV	418179	433527	16.30%	0.842%
60	9.833	1315	1317	1321	rVV3	187846	243002	9.14%	0.472%
61	9.939	1332	1335	1338	rVV	564149	484506	18.22%	0.941%
62	10.022	1344	1349	1353	rVV6	80890	180715	6.80%	0.351%
63	10.057	1353	1355	1357	rVV2	99473	116190	4.37%	0.226%
64	10.080	1357	1359	1365	rVV5	159171	266788	10.03%	0.518%
65	10.139	1367	1369	1373	rVV4	118371	135155	5.08%	0.262%
66	10.204	1376	1380	1382	rVV	235959	307941	11.58%	0.598%
67	10.251	1386	1388	1390	rVV2	118793	135262	5.09%	0.263%
68	10.280	1390	1393	1398	rVV	548406	574023	21.59%	1.115%
69	10.327	1398	1401	1403	rVV3	127558	153246	5.76%	0.298%
70	10.363	1403	1407	1410	rVV	358588	491638	18.49%	0.955%
71	10.392	1410	1412	1413	rVV	172915	176048	6.62%	0.342%

LSC Area Percent Report

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Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.410	1413	1415	1418	rVV2	248142	263460	9.91%	0.512%
73	10.492	1426	1429	1431	rVV	330175	355711	13.38%	0.691%
74	10.522	1431	1434	1438	rVV2	742791	816171	30.69%	1.585%
75	10.557	1438	1440	1447	rVB2	100158	127292	4.79%	0.247%
76	10.692	1456	1463	1468	rVB2	594123	1043695	39.25%	2.027%
77	10.810	1479	1483	1484	rBV	244660	241626	9.09%	0.469%
78	10.833	1484	1487	1492	rVB2	469550	751130	28.25%	1.459%
79	10.986	1509	1513	1515	rBV	191056	222019	8.35%	0.431%
80	11.098	1530	1532	1536	rVB	115099	118215	4.45%	0.230%
81	11.198	1540	1549	1550	rVV	978883	1248654	46.95%	2.425%
82	11.216	1550	1552	1554	rVV	770223	694654	26.12%	1.349%
83	11.239	1554	1556	1559	rVV	511686	427209	16.06%	0.830%
84	11.316	1566	1569	1572	rVV	221486	285237	10.73%	0.554%
85	11.374	1576	1579	1582	rVB	183019	173101	6.51%	0.336%
86	11.451	1587	1592	1598	rBV2	645629	829664	31.20%	1.611%
87	11.551	1606	1609	1613	rBV2	112964	121040	4.55%	0.235%
88	11.704	1632	1635	1639	rBV2	121408	139845	5.26%	0.272%
89	11.763	1639	1645	1648	rBV4	414857	551048	20.72%	1.070%
90	11.945	1674	1676	1679	rVB	171969	139413	5.24%	0.271%
91	12.539	1774	1777	1783	rVB	112441	123363	4.64%	0.240%
92	12.792	1816	1820	1824	rVB	1318133	1059280	39.83%	2.057%
93	13.386	1914	1921	1926	rBV2	184576	284863	10.71%	0.553%
94	13.704	1971	1975	1979	rBV	223264	249299	9.37%	0.484%
95	13.839	1994	1998	2002	rBV	740999	673897	25.34%	1.309%
96	14.321	2077	2080	2086	rVB	119865	128276	4.82%	0.249%
97	14.615	2127	2130	2137	rVB	138400	146709	5.52%	0.285%
98	14.927	2180	2183	2187	rBV	124703	128862	4.85%	0.250%
99	15.245	2232	2237	2240	rBV	387045	461166	17.34%	0.895%
100	15.280	2240	2243	2250	rVB	126192	154449	5.81%	0.300%

Sum of corrected areas: 51498376

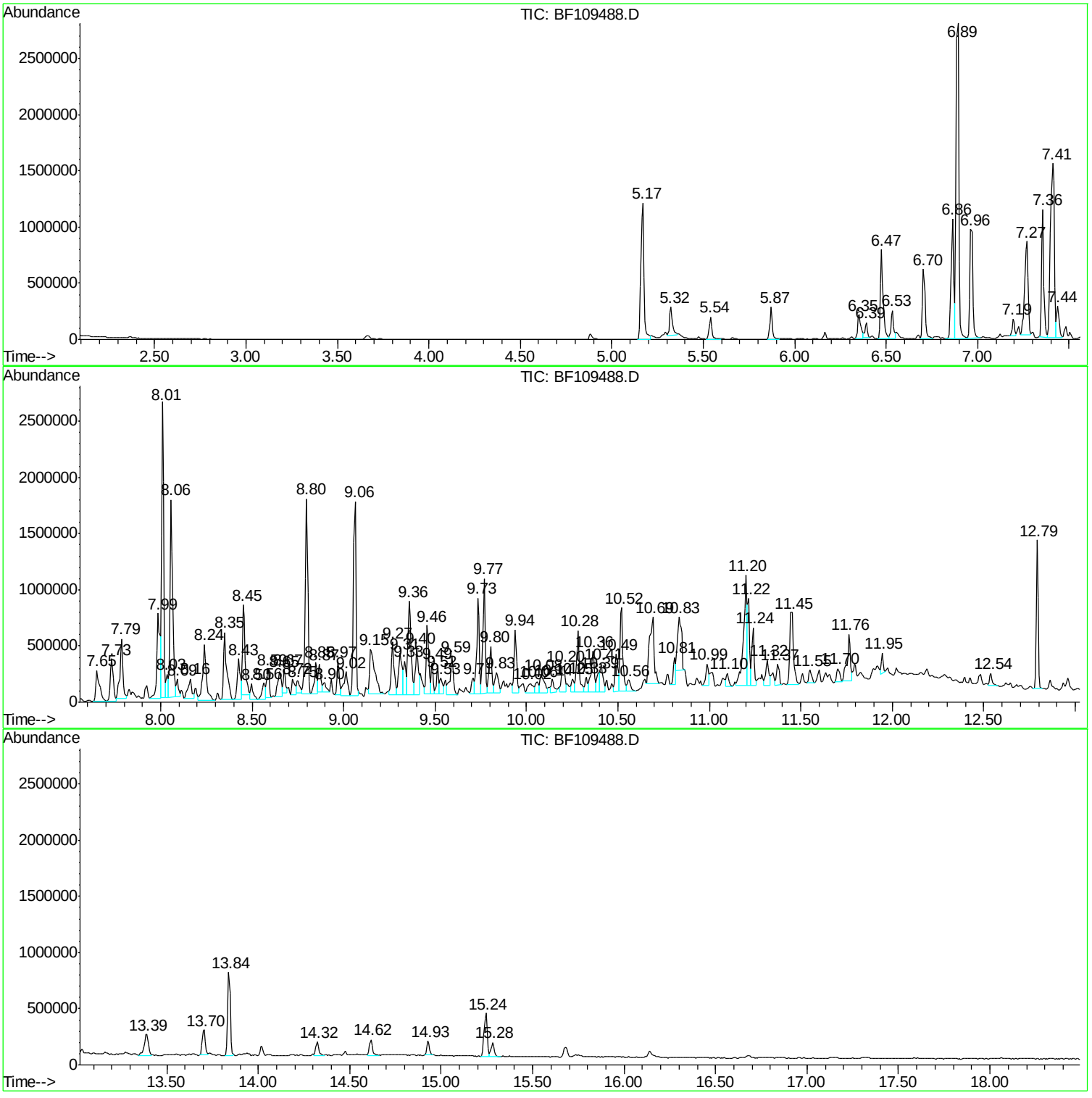
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109488.D
Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF100118\
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Acq On : 1 Oct 2018 22:09
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

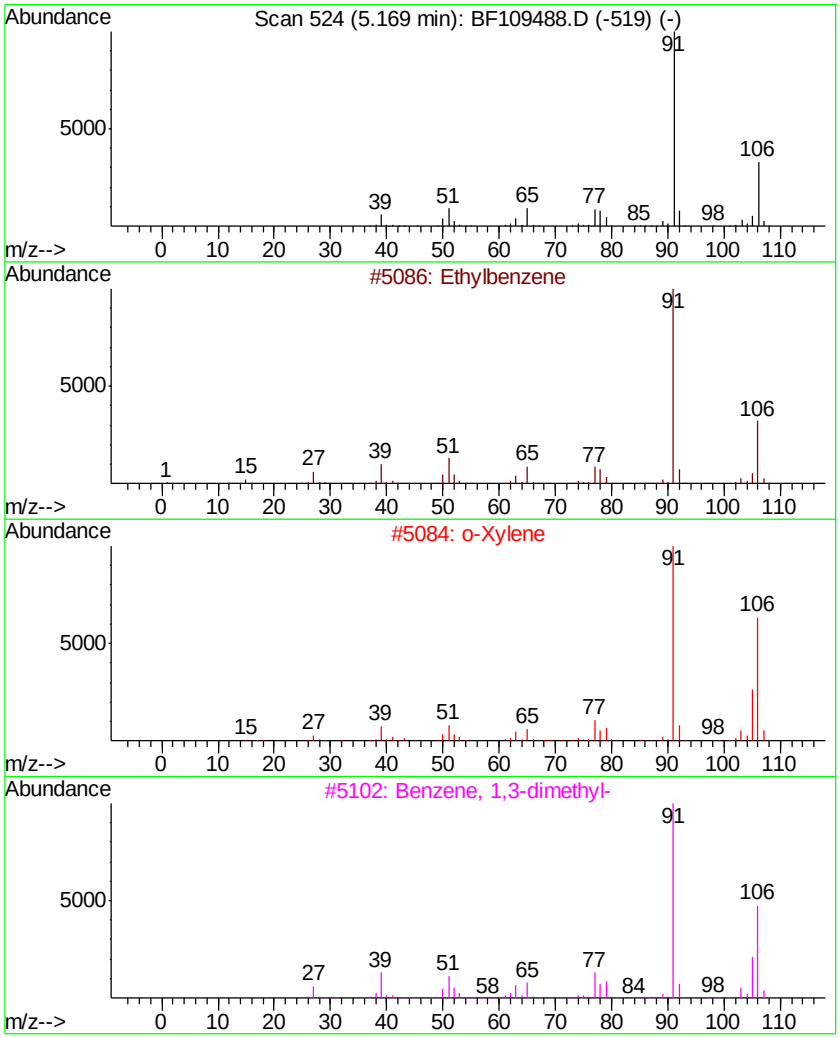
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

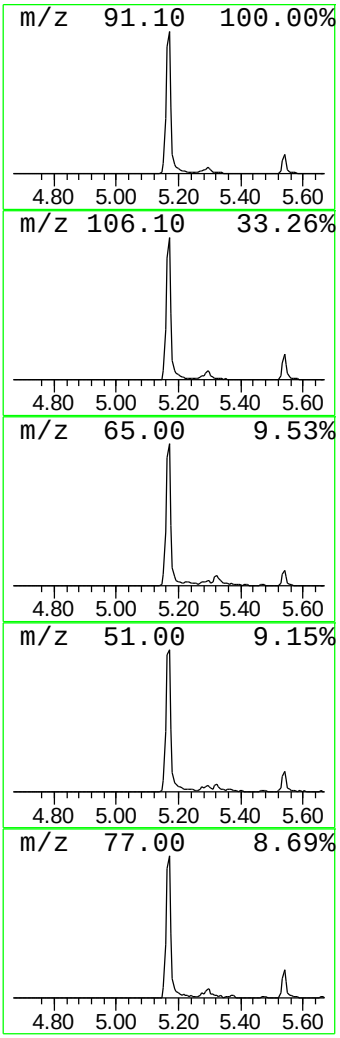
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	46.84 ng	1348800	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	o-Xylene	106	C8H10	000095-47-6	64
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	62
4	p-Xylene	106	C8H10	000106-42-3	53
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	53





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

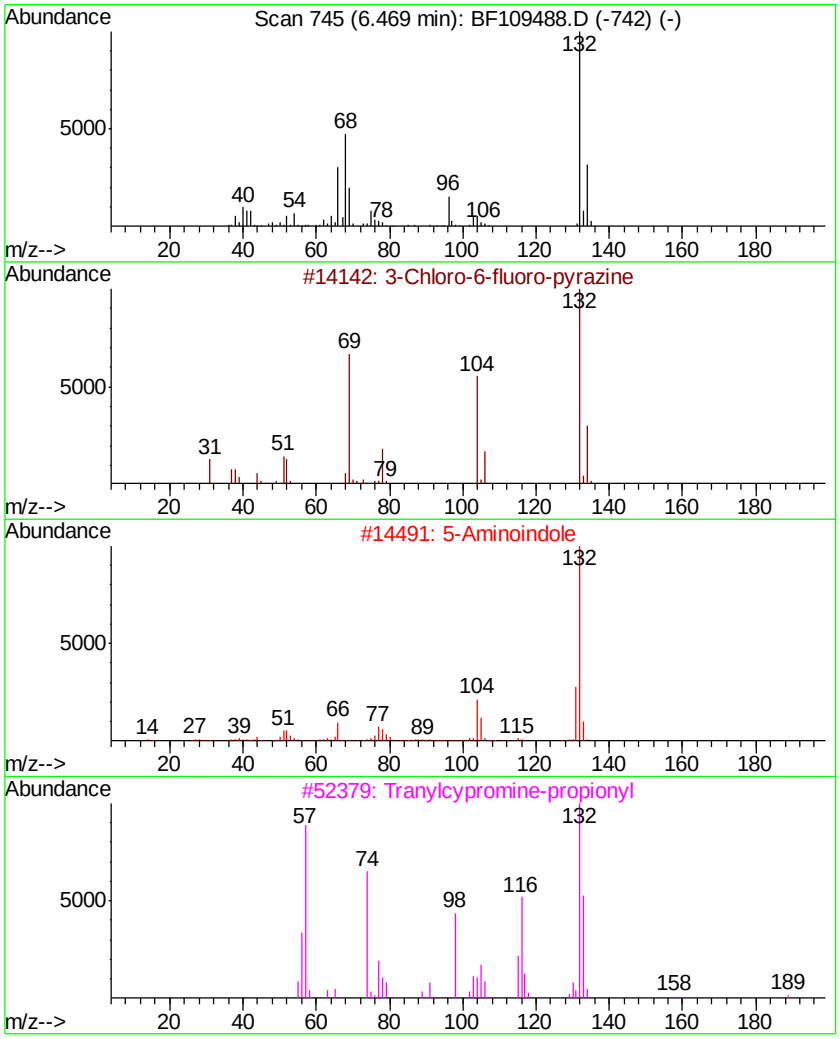
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

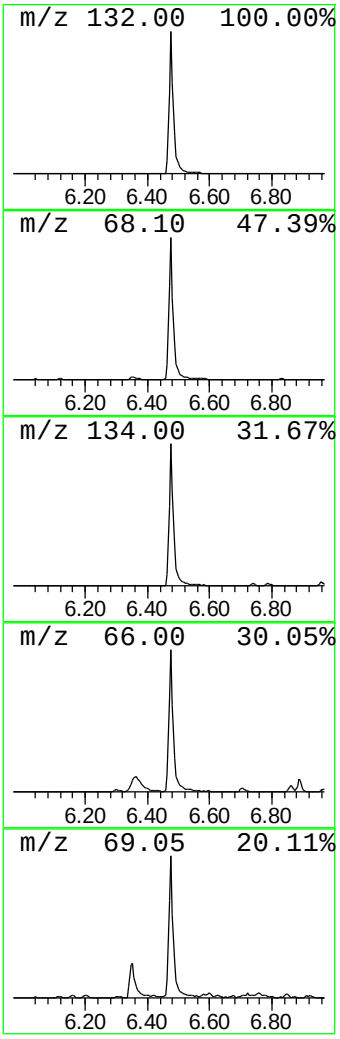
****

Peak Number 2 unknown6.47 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	27.80 ng	800643	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
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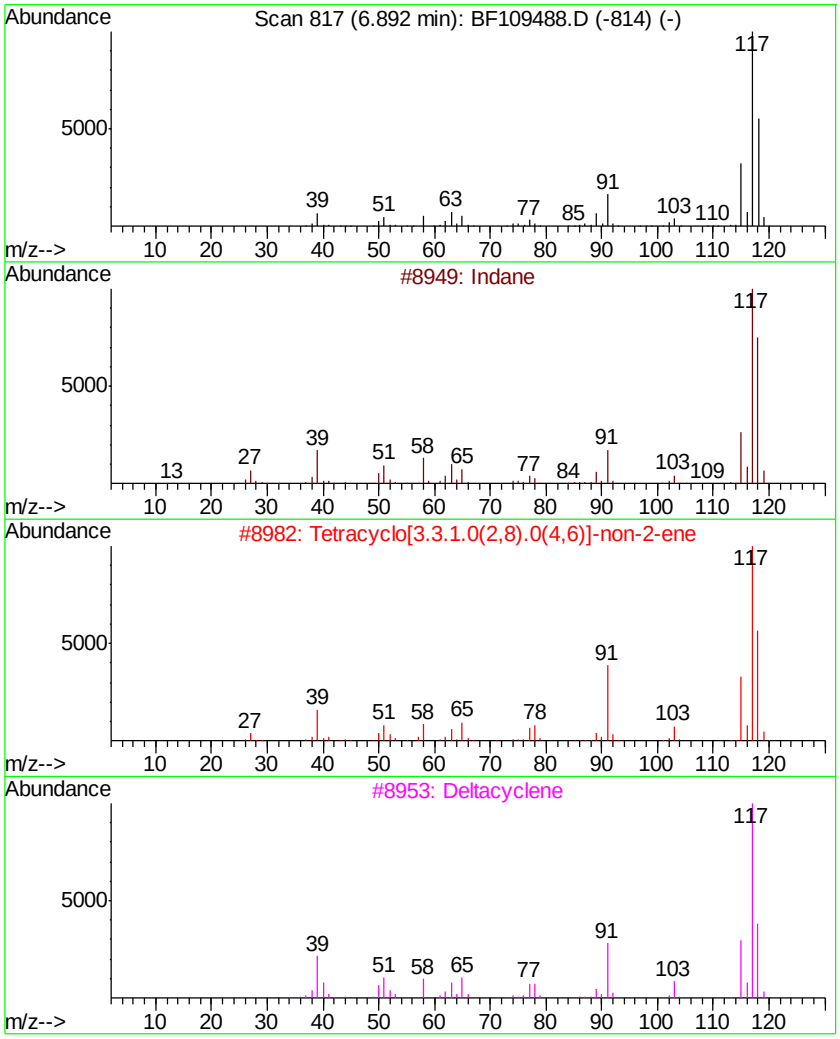
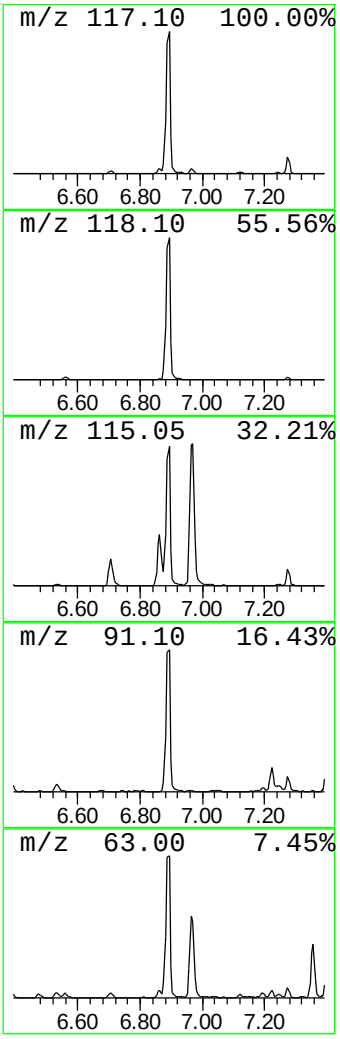
****

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	92.35 ng	2659320	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

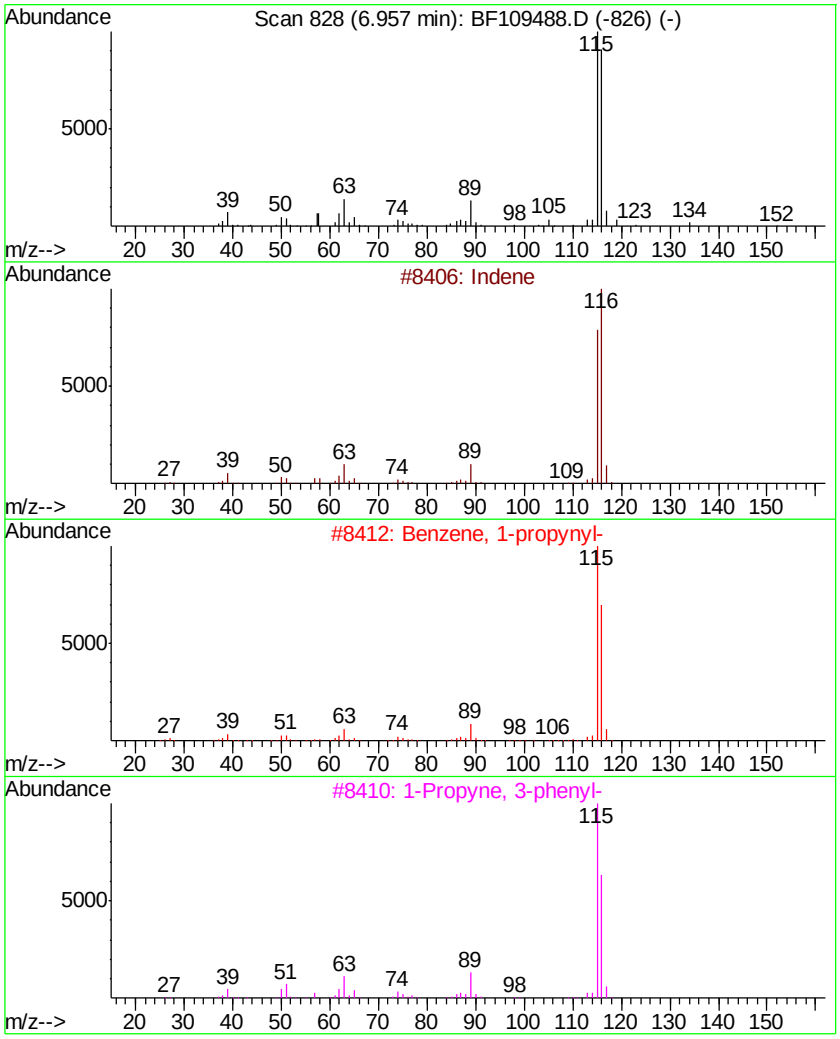
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

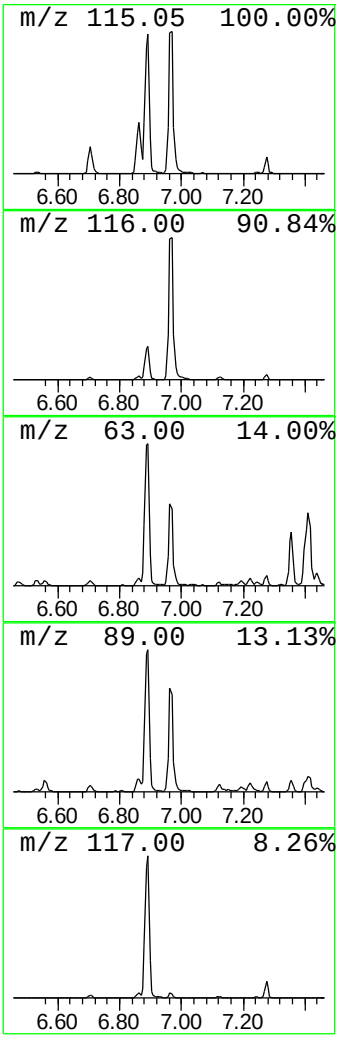
****

Peak Number 5 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	33.78 ng	972806	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Library Search Compound Report

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Data File : BF109488.D
Acq On : 1 Oct 2018 22:09
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Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

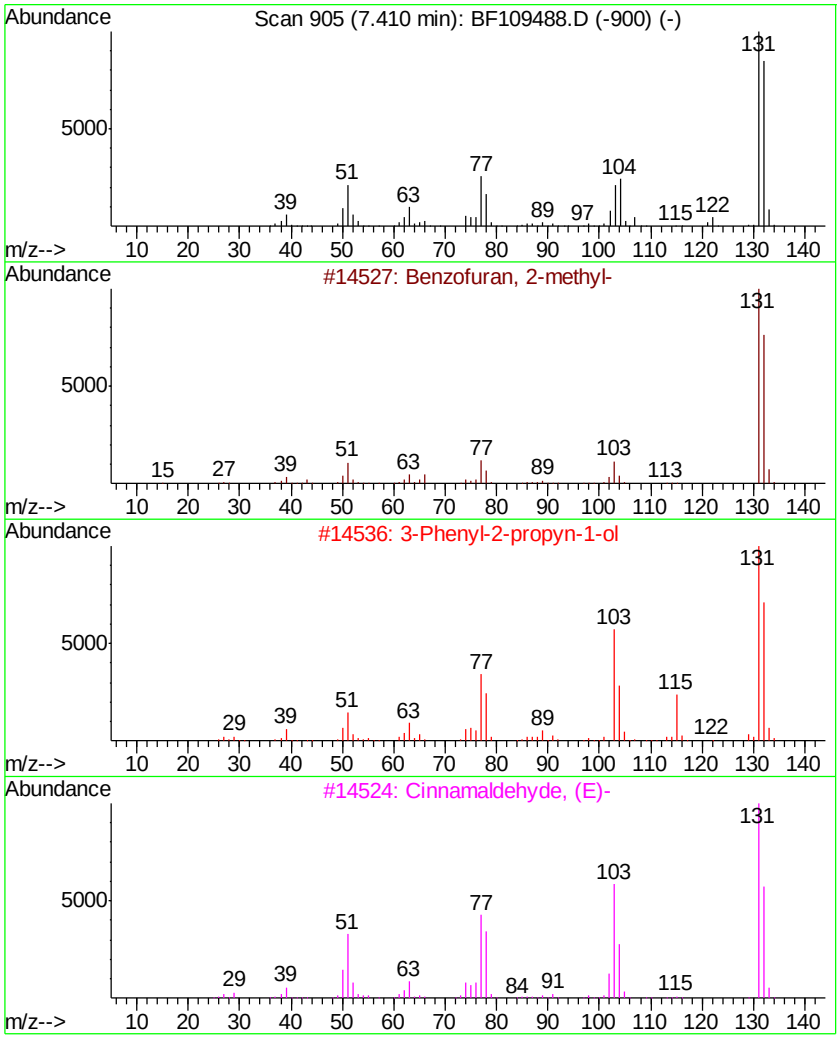
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

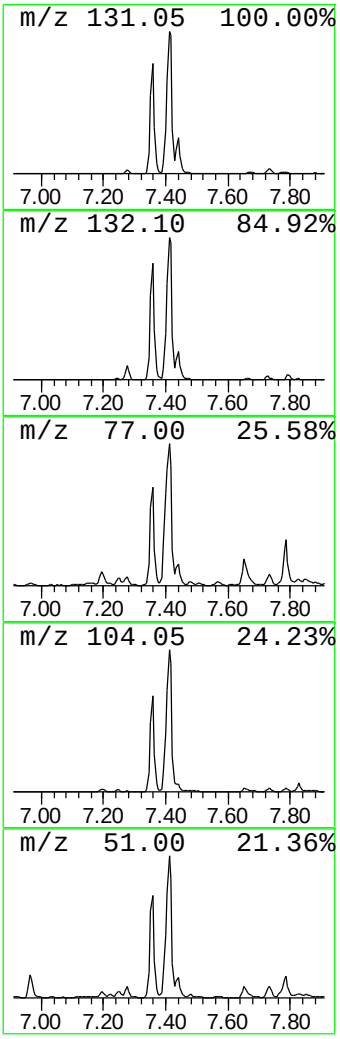
****

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	47.83 ng	2168810	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	83





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Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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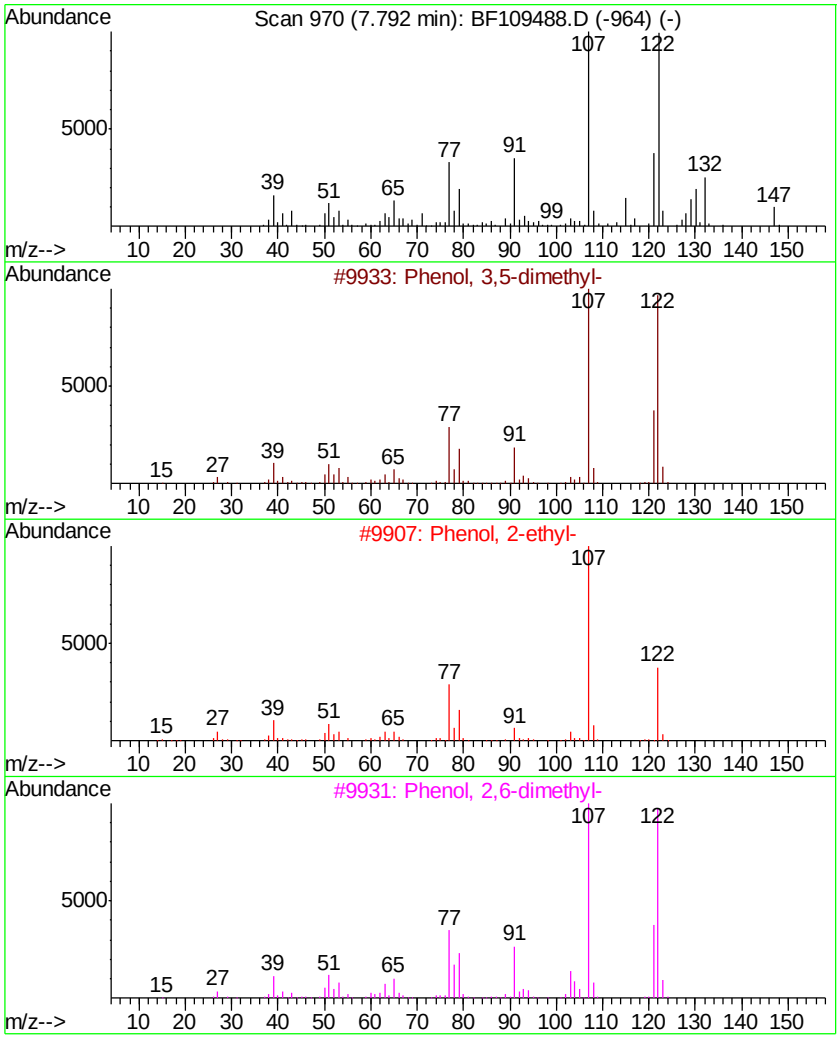
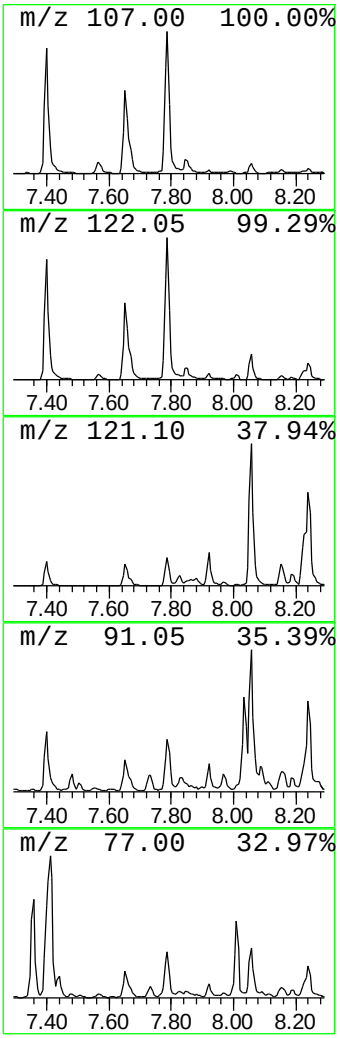
Peak Number 8 Phenol, 3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	13.98 ng	633753	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87





Library Search Compound Report

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Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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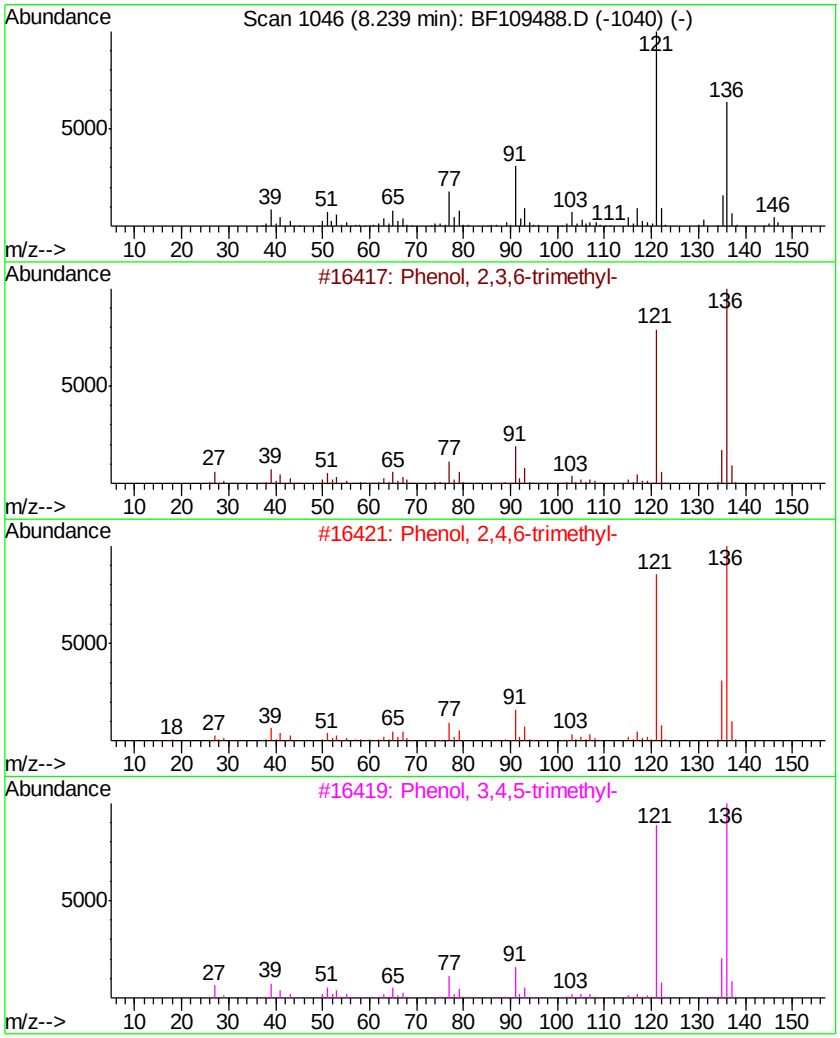
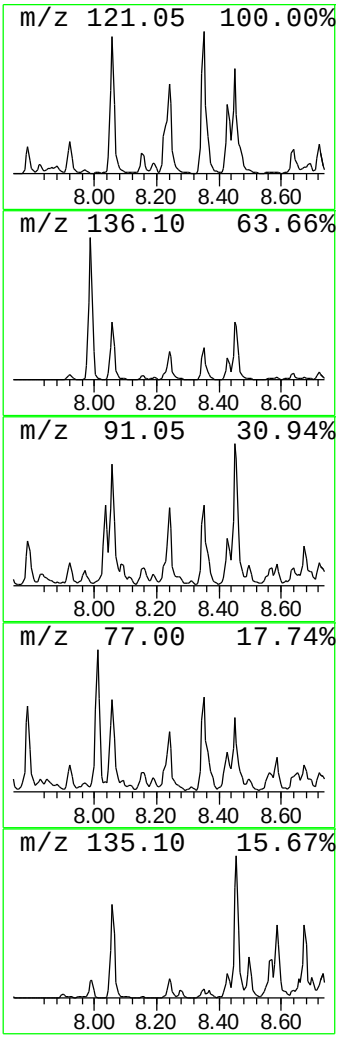
Peak Number 9 Phenol, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	15.09 ng	684013	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	95
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	2,5-Dimethylanisole	136	C9H12O	001706-11-2	90





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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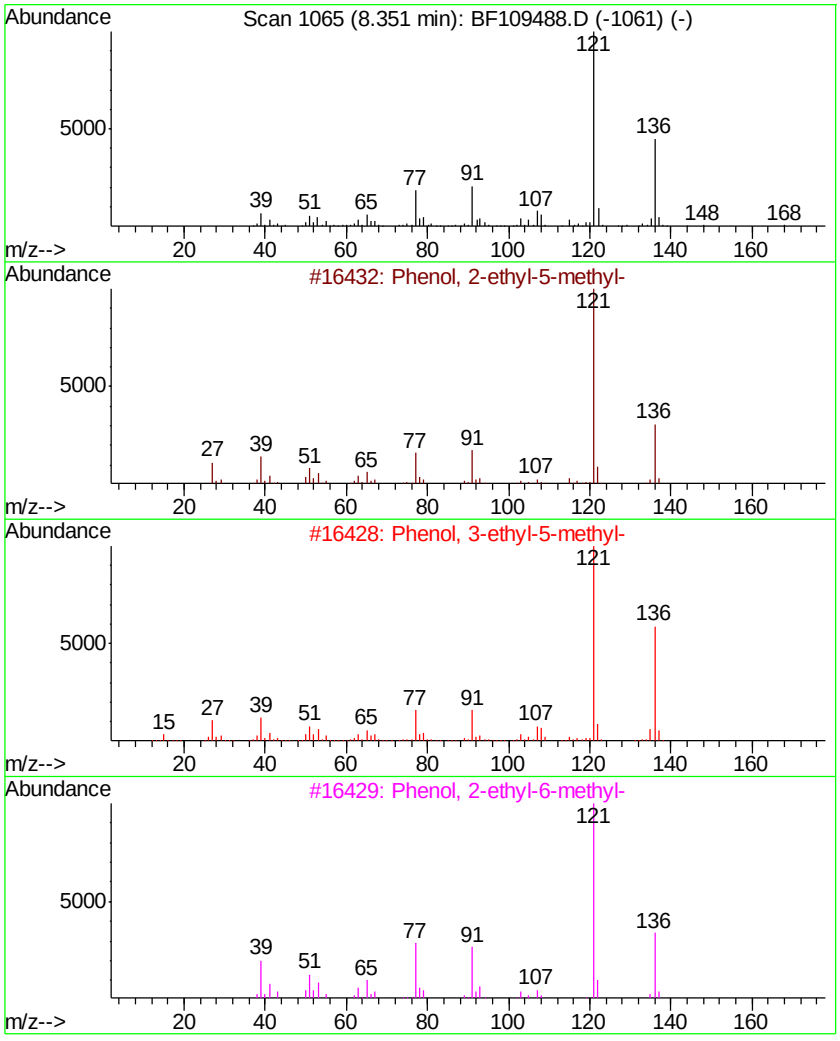
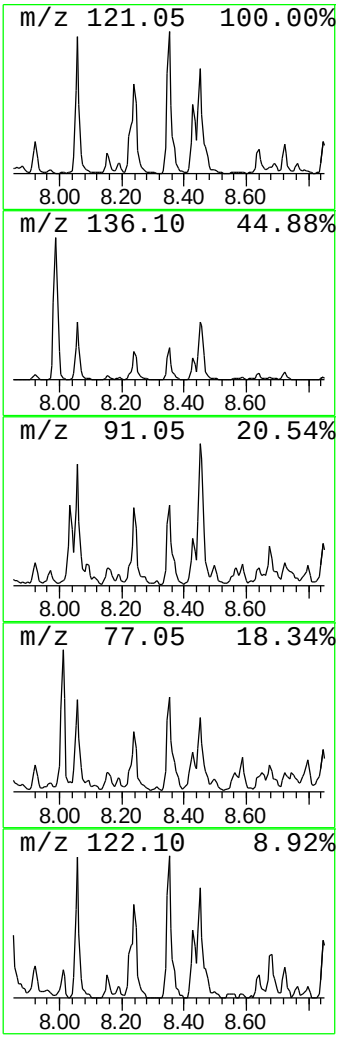
Peak Number 10 Phenol, 2-ethyl-5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	16.69 ng	756904	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	91
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	86





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Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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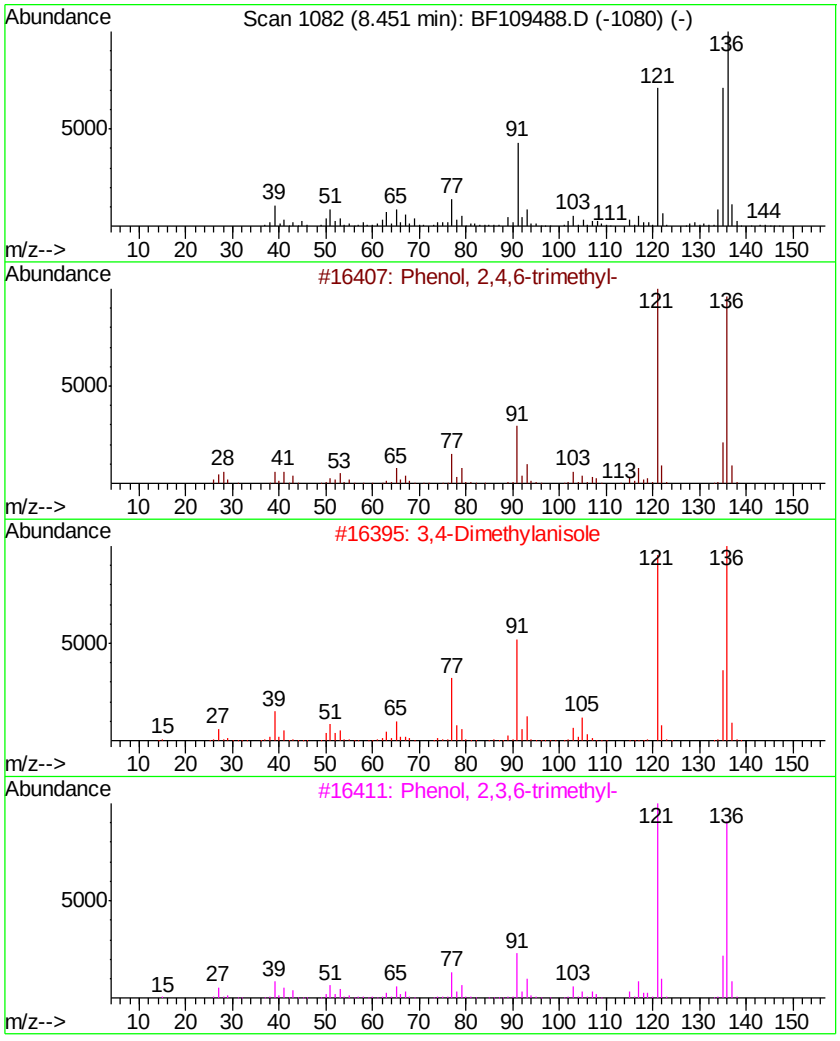
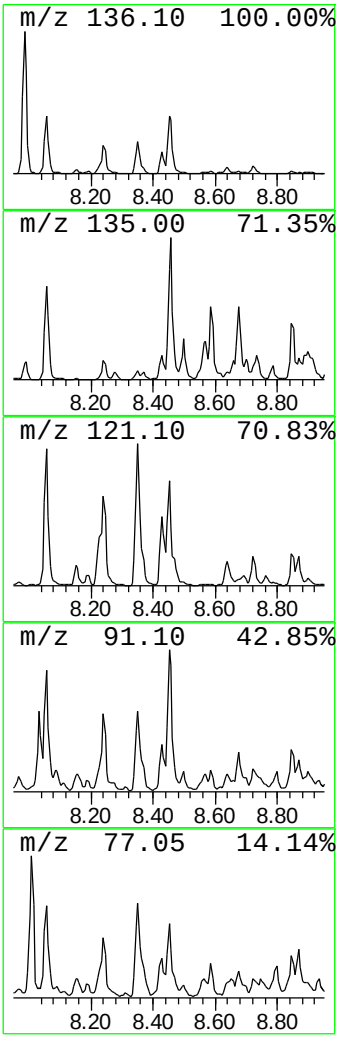
Peak Number 11 Phenol, 2,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	18.79 ng	852025	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	93
2	3,4-Dimethylanisole	136	C9H12O	004685-47-6	81
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	81
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
5	2,4-Dimethylanisole	136	C9H12O	006738-23-4	76





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ClientSampleId : QNWP8-MW27S-GW

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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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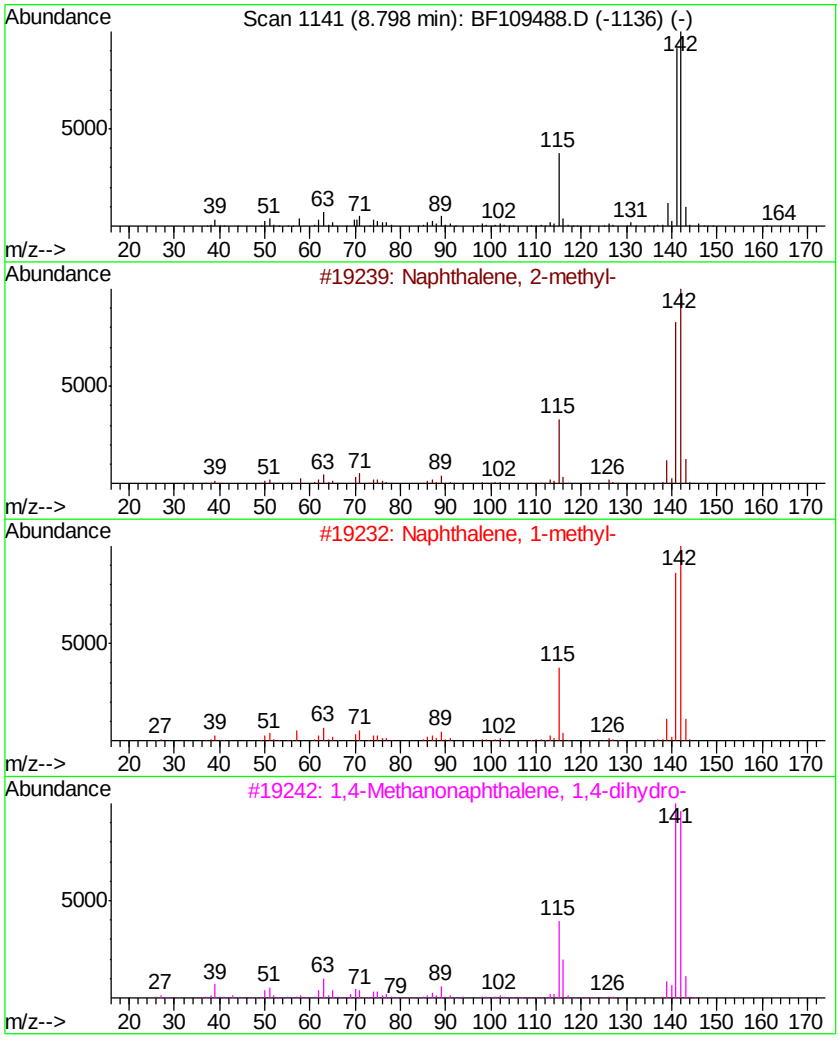
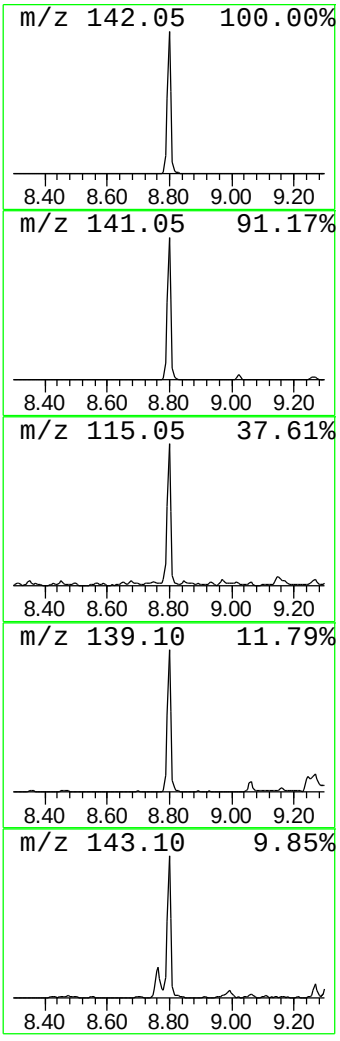
Peak Number 12 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	34.08 ng	1545440	Naphthalene-d8	7.99

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





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Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

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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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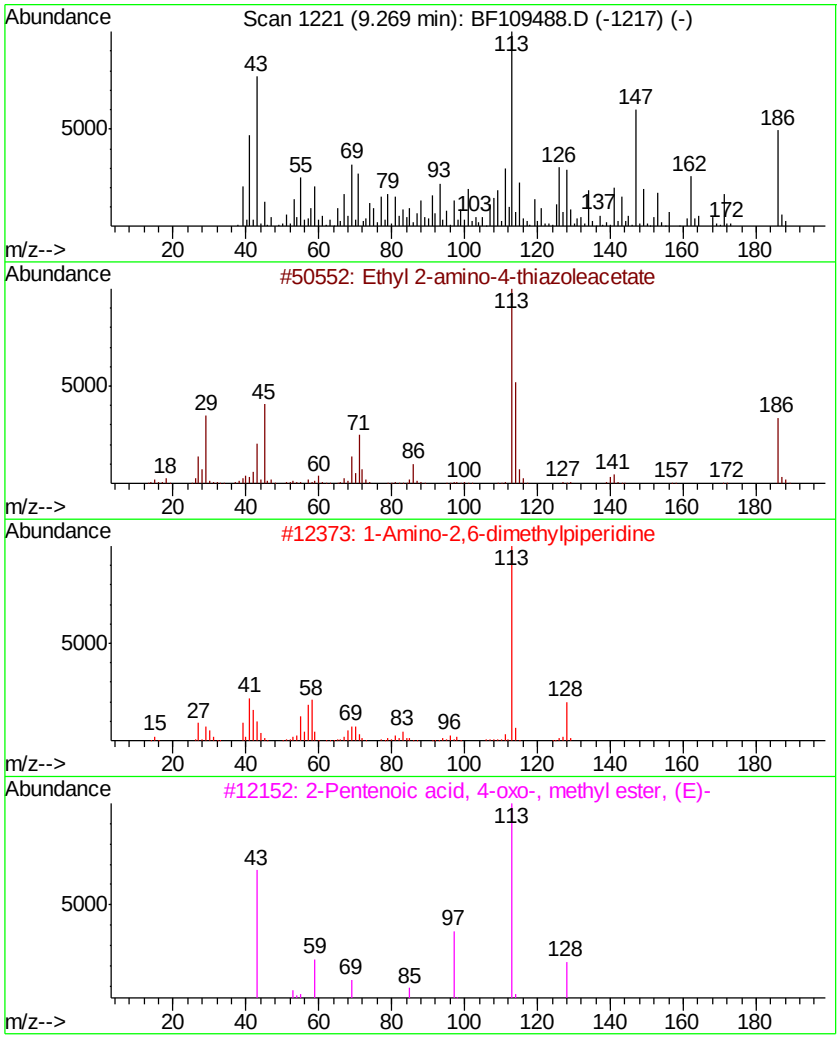
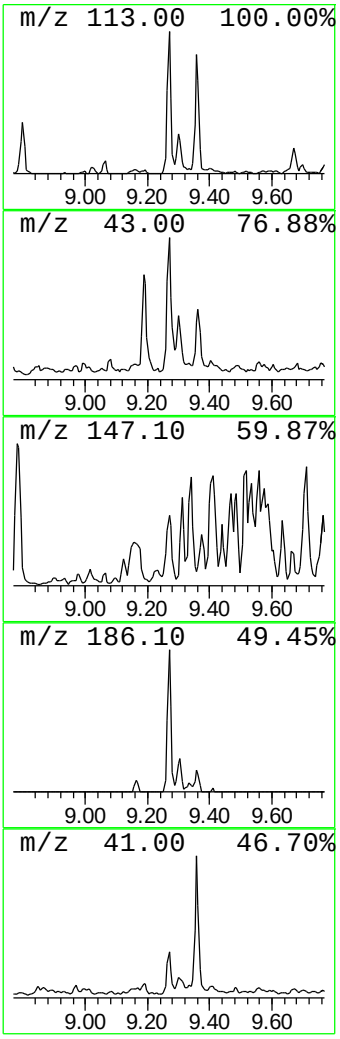
Peak Number 13 Ethyl 2-amino-4-thiazoleace... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	12.03 ng	509768	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2-amino-4-thiazoleacetate	186	C7H10N2O2S	053266-94-7	30
2	1-Amino-2,6-dimethylpiperidine	128	C7H16N2	039135-39-2	22
3	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	20
4	2-Propanone, diethylhydrazone	128	C7H16N2	016713-36-3	18
5	Ethanone, 1-(2,3,4-trimethylphen...	162	C11H14O	001467-36-3	15





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Operator : JU/SJ
Sample : J5168-01
Misc :
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Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

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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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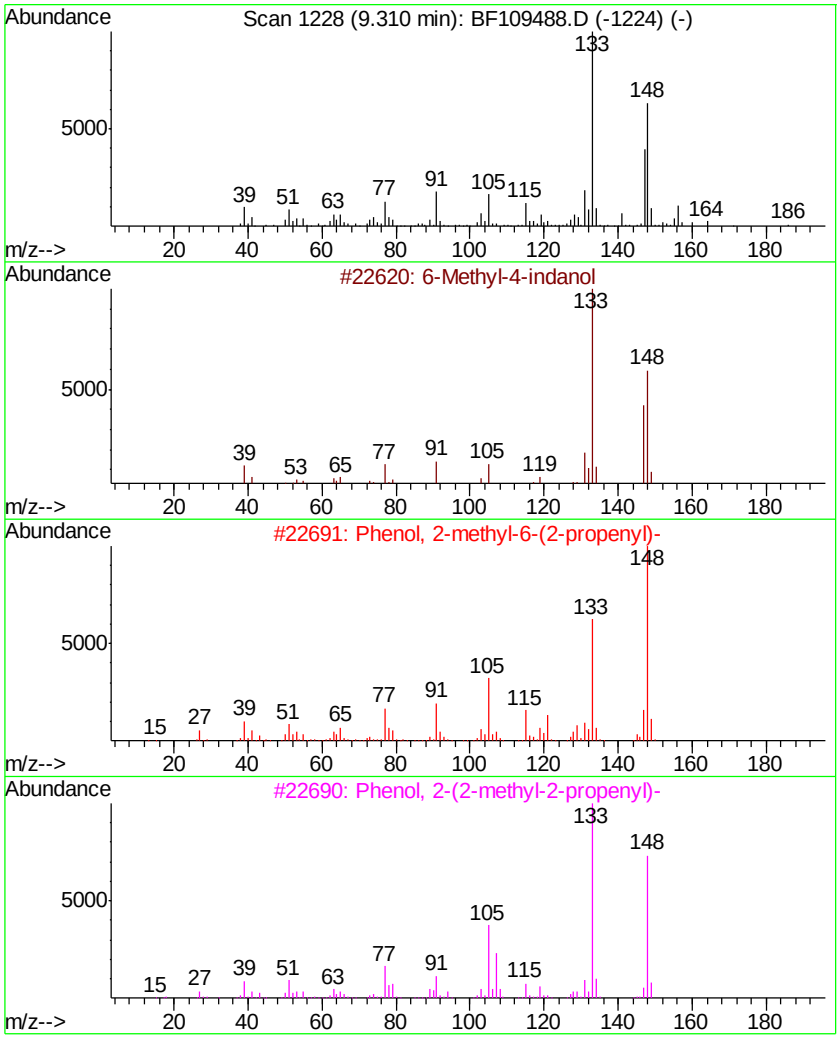
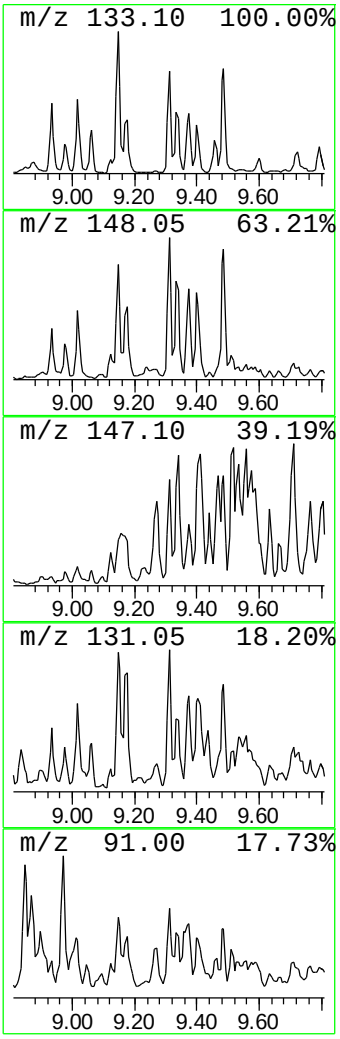
Peak Number 14 6-Methyl-4-indanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	11.57 ng	490149	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	81
2	Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	59
3	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	58
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
5	m-Ethylacetophenone	148	C10H12O	022699-70-3	52





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Sample : J5168-01
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Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

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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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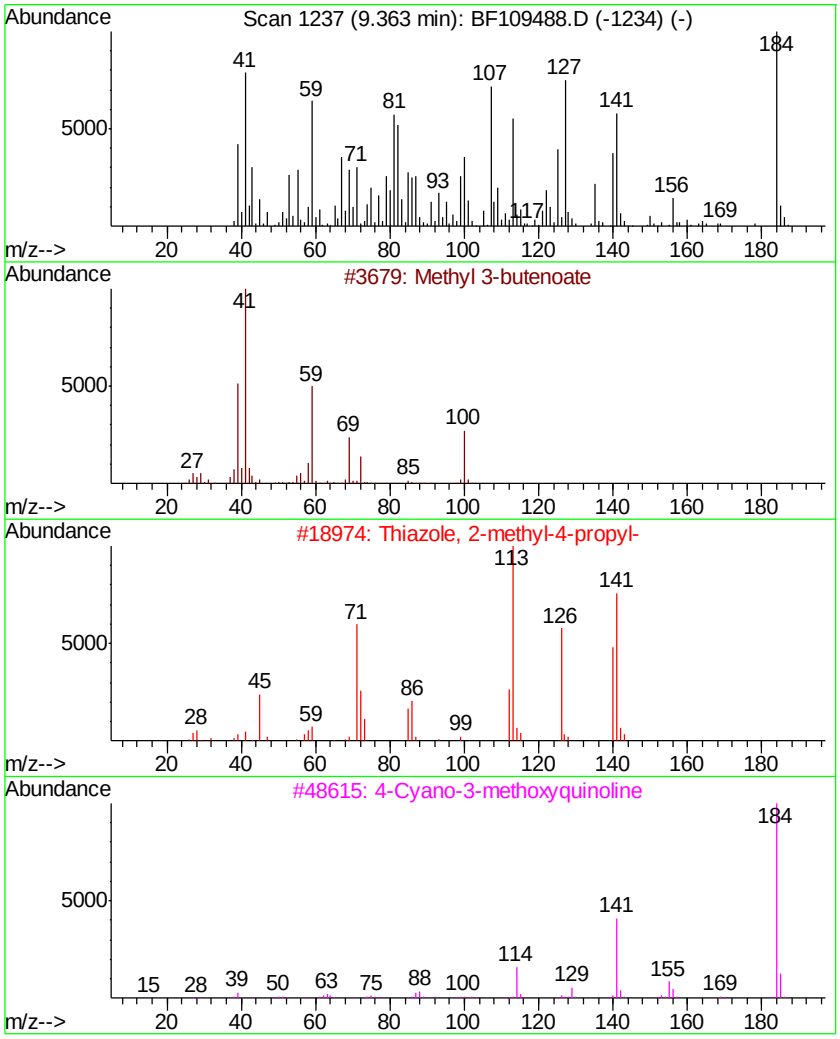
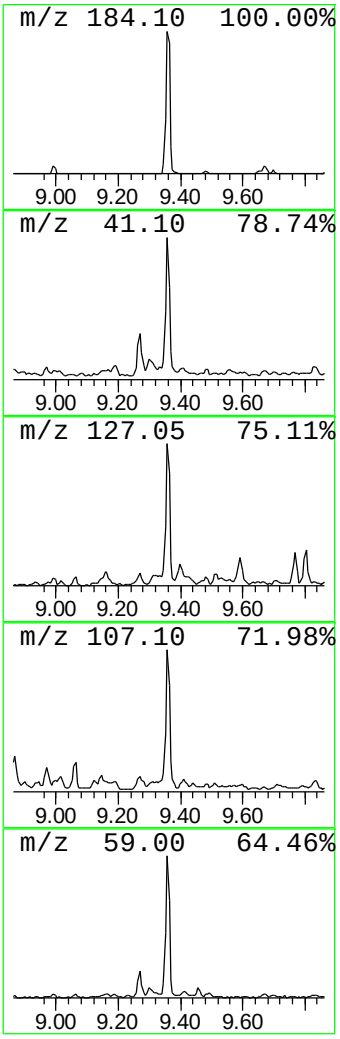
Peak Number 15 Methyl 3-butenoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	22.51 ng	953553	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 3-butenoate	100	C5H8O2	003724-55-8	11
2	Thiazole, 2-methyl-4-propyl-	141	C7H11NS	041981-63-9	10
3	4-Cyano-3-methoxyquinoline	184	C11H8N2O	020844-02-4	10
4	4-Pentenoic acid, 3-methyl-2-(ph...	268	C13H16O4S	074866-34-5	10
5	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	10





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Sample : J5168-01
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

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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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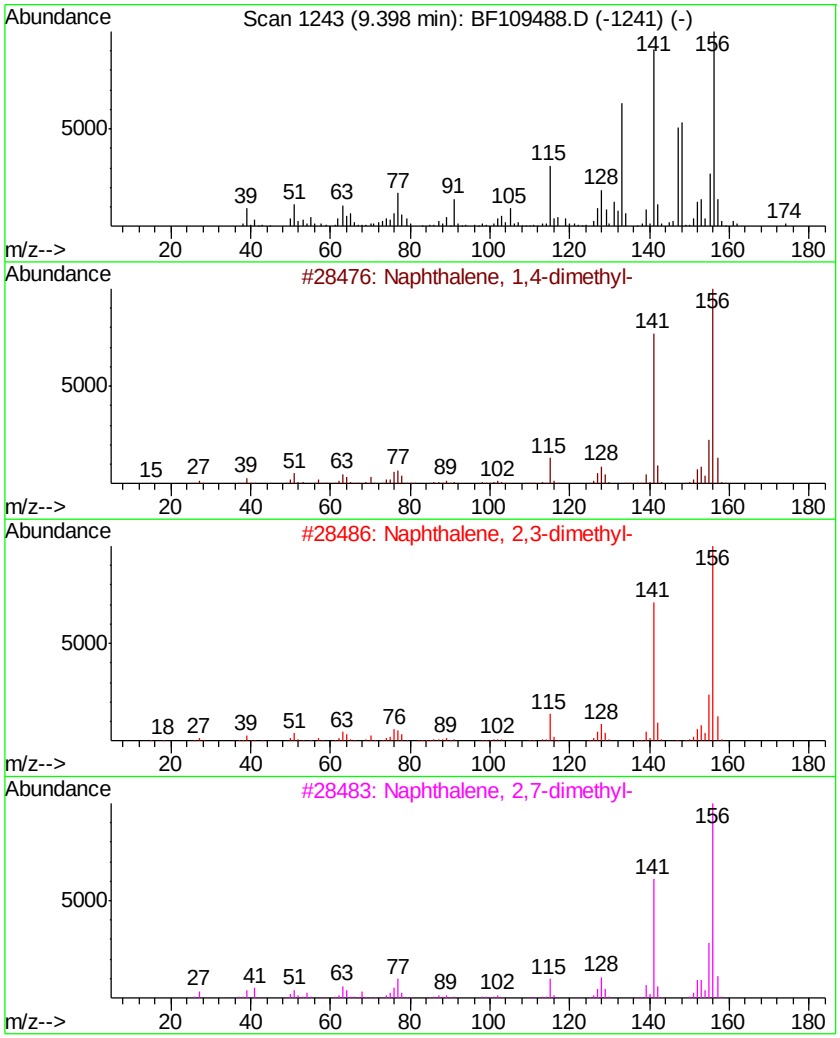
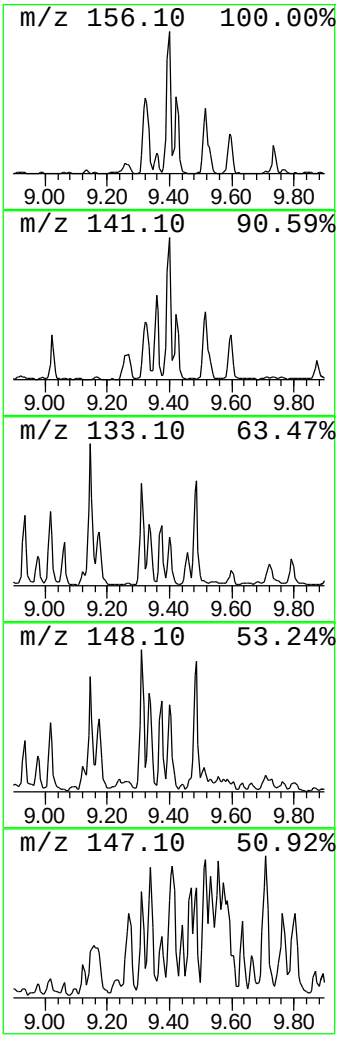
Peak Number 16 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	11.48 ng	486176	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78





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Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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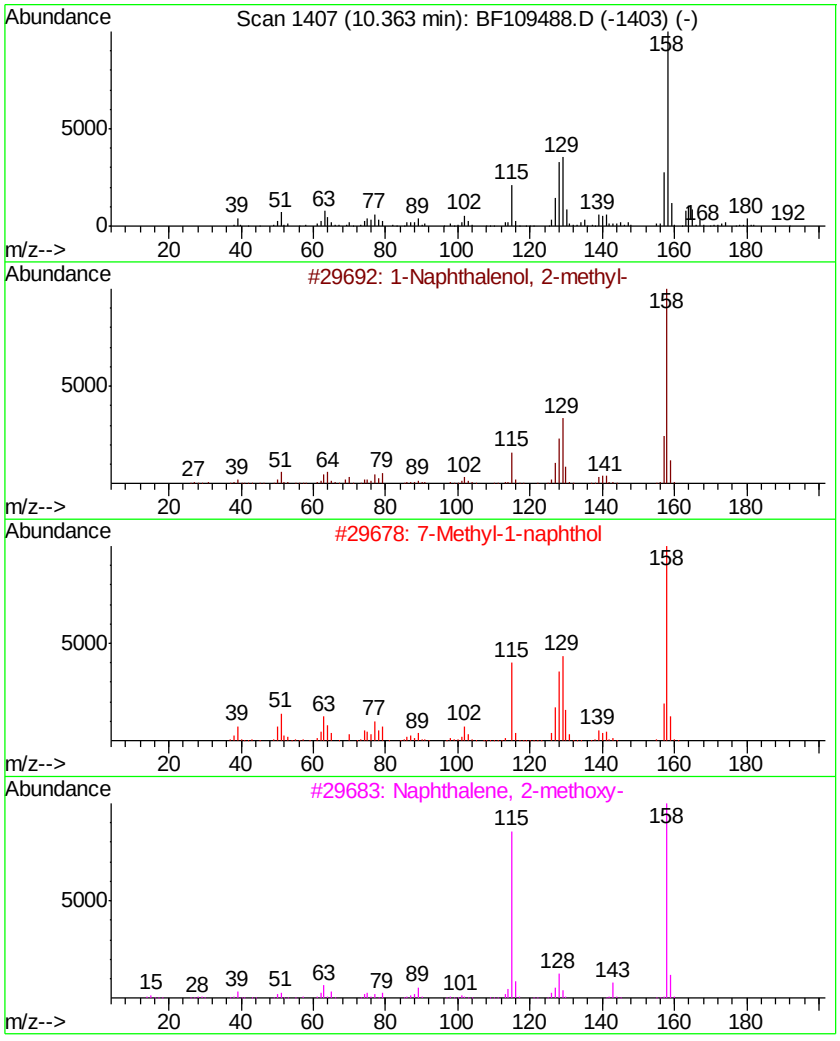
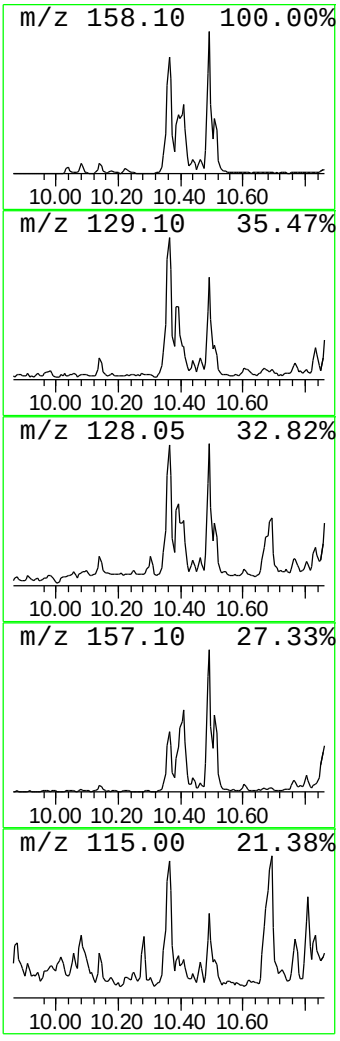
Peak Number 17 1-Naphthalenol, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	11.61 ng	491638	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	94
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	87
3	Naphthalene, 2-methoxy-	158	C11H10O	000093-04-9	47
4	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	47
5	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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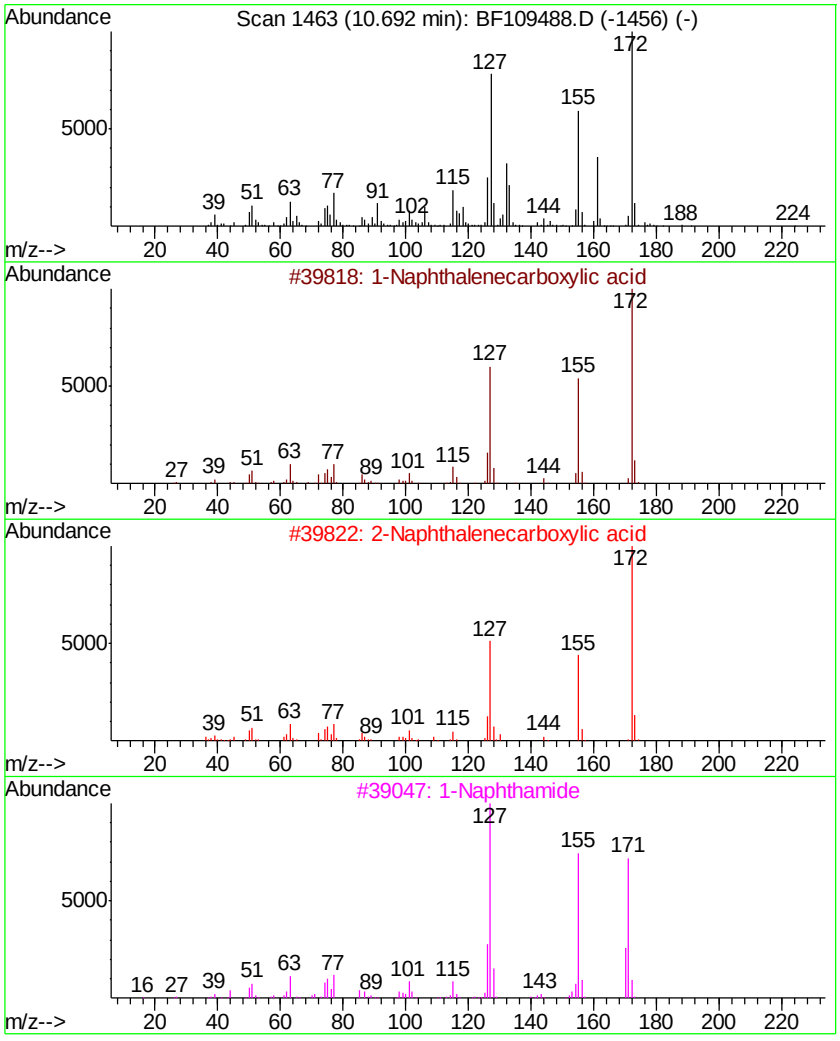
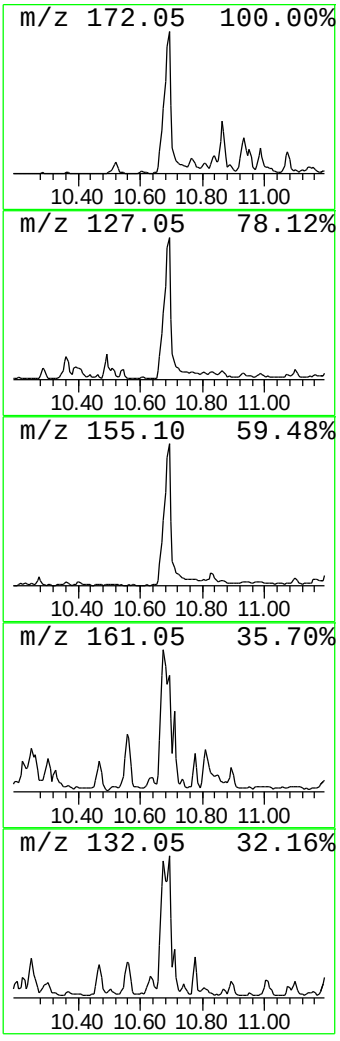
Peak Number 18 1-Naphthalenecarboxylic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	30.05 ng	1043700	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	90
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	90
3	1-Naphthamide	171	C11H9NO	002243-81-4	43
4	.beta.-Naphthamide	171	C11H9NO	002243-82-5	38
5	Naphthalene, 2-nitro-	173	C10H7NO2	000581-89-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109488.D
Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

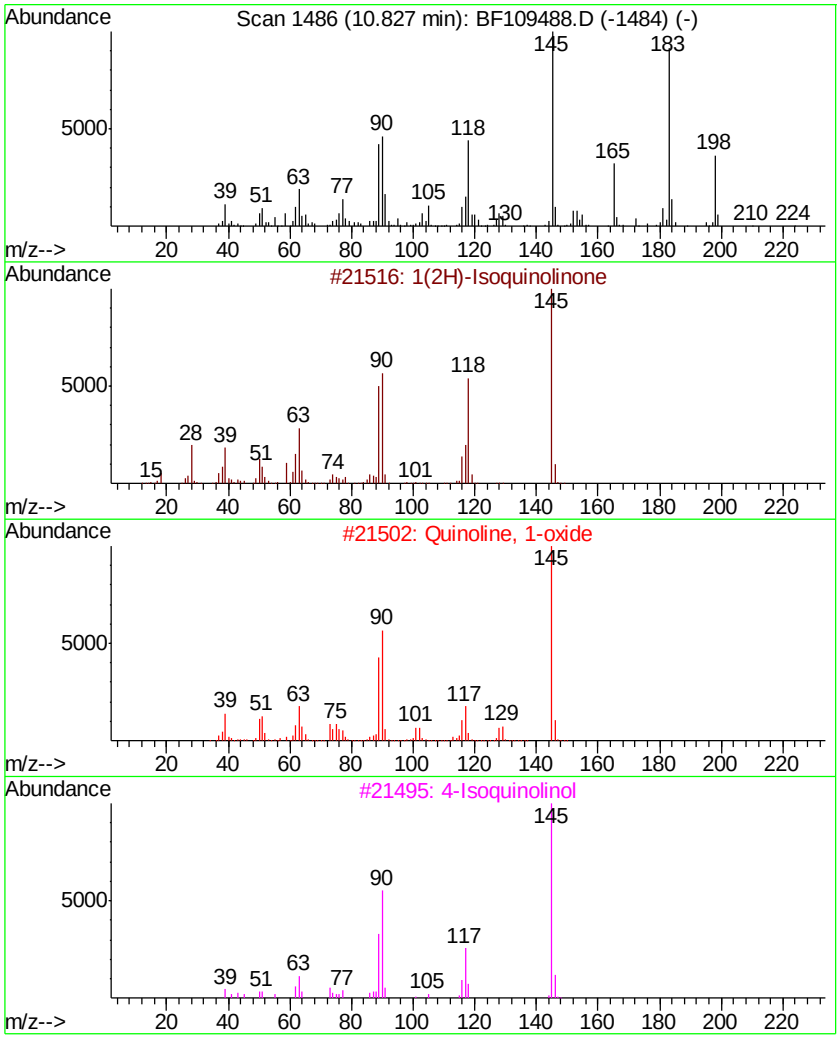
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

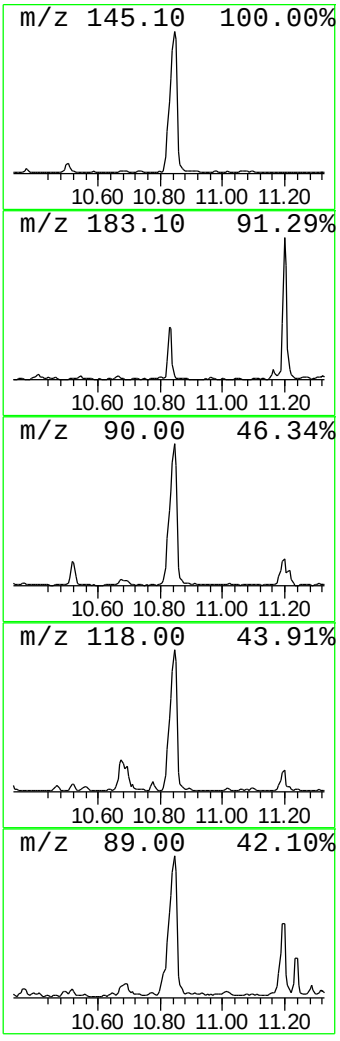
****

Peak Number 19 1(2H)-Isoquinolinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	21.63 ng	751130	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
2	Quinoline, 1-oxide	145	C9H7NO	001613-37-2	55
3	4-Isoquinolinol	145	C9H7NO	003336-49-0	49
4	3-Quinolinol	145	C9H7NO	000580-18-7	49
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109488.D
Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

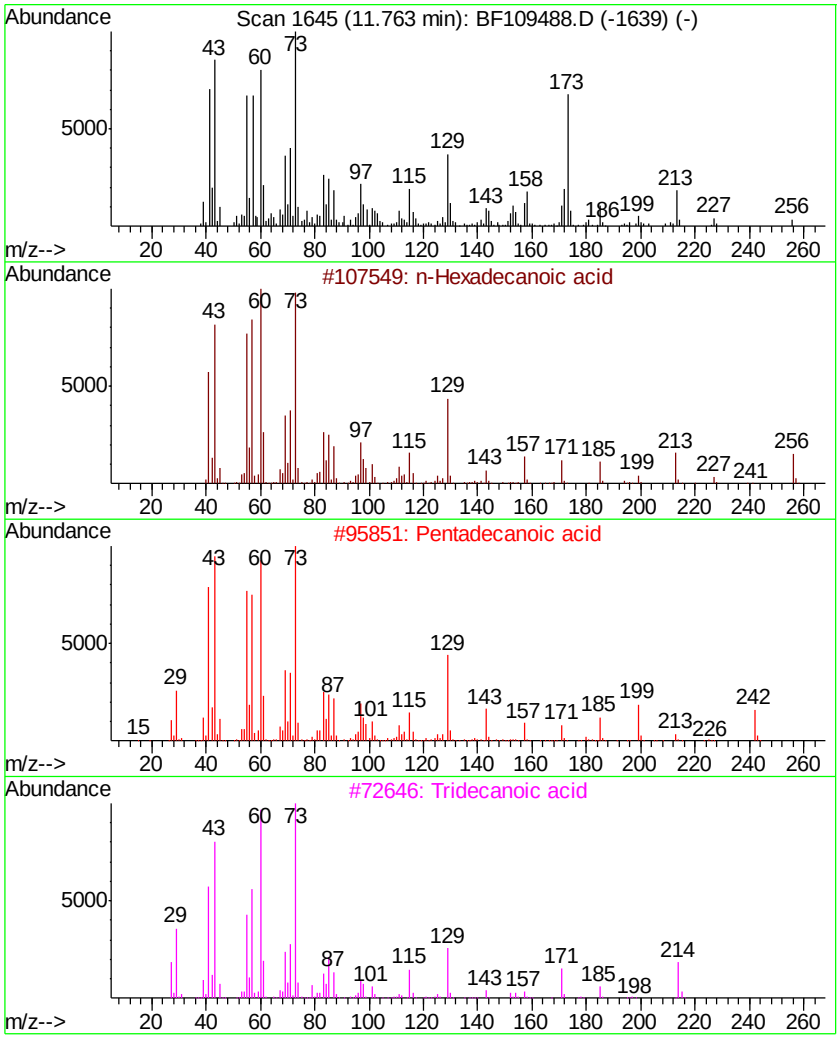
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

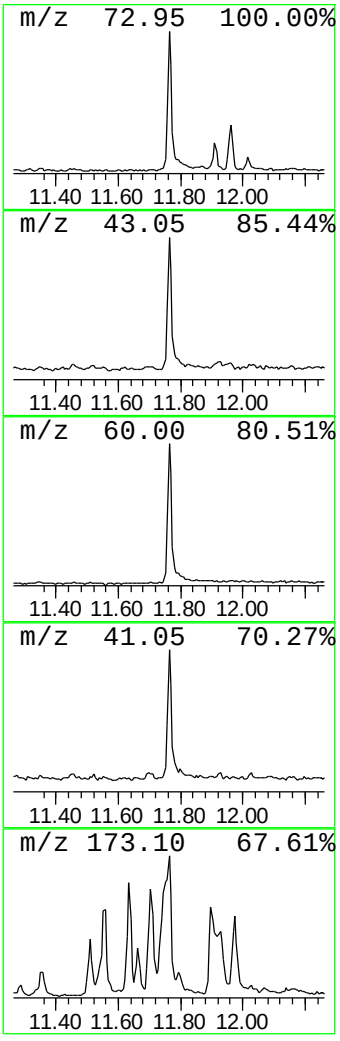
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	15.87 ng	551048	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
Data File : BF109488.D
Acq On : 1 Oct 2018 22:09
Operator : JU/SJ
Sample : J5168-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW27S-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.17	46.8	ng	1348800	1	6.70	575913	20.0
unknown6.47	6.47	27.8	ng	800643	1	6.70	575913	20.0
Indane	6.89	92.3	ng	2659320	1	6.70	575913	20.0
Indene	6.96	33.8	ng	972806	1	6.70	575913	20.0
Benzofuran, 2-met...	7.41	47.8	ng	2168810	2	7.99	906835	20.0
Phenol, 3,5-dimet...	7.79	14.0	ng	633753	2	7.99	906835	20.0
Phenol, 2,3,6-tri...	8.24	15.1	ng	684013	2	7.99	906835	20.0
Phenol, 2-ethyl-5...	8.35	16.7	ng	756904	2	7.99	906835	20.0
Phenol, 2,4,6-tri...	8.45	18.8	ng	852025	2	7.99	906835	20.0
1,4-Methanonaphth...	8.80	34.1	ng	1545440	2	7.99	906835	20.0
Ethyl 2-amino-4-t...	9.27	12.0	ng	509768	3	9.73	847281	20.0
6-Methyl-4-indanol	9.31	11.6	ng	490149	3	9.73	847281	20.0
Methyl 3-butenoate	9.36	22.5	ng	953553	3	9.73	847281	20.0
Naphthalene, 1,4-...	9.40	11.5	ng	486176	3	9.73	847281	20.0
1-Naphthalenol, 2...	10.36	11.6	ng	491638	3	9.73	847281	20.0
1-Naphthalenecarb...	10.69	30.1	ng	1043700	4	11.22	694654	20.0
1(2H)-Isoquinolinone	10.83	21.6	ng	751130	4	11.22	694654	20.0
n-Hexadecanoic acid	11.76	15.9	ng	551048	4	11.22	694654	20.0