LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

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-BF060416.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	1.907	26	28	45	rVB	2363815	4600416	22.87%	0.995%
2	3.873	189	200	202	rBV	4888424	19421041	96.53%	4.199%
3	5.324	324	327	330	rVV	3587689	5593707	27.80%	1.209%
4	5.473	334	340	343	rBV	5198211	18520654	92.06%	4.004%
5	5.736	356	363	364	rVV3	5243192	20118930	100.00%	4.349%
6	6.330	412	415	417	rVB	871461	1293678	6.43%	0.280%
7	6.399	417	421	422	rBV	3022687	4333012	21.54%	0.937%
8	6.422	422	423	425	rVV	1659336	1983171	9.86%	0.429%
9	6.479	425	428	432	rVB2	3017761	5349575	26.59%	1.156%
10	6.582	432	437	440	rBV2	1940691	5008115	24.89%	1.083%
11	6.639	440	442	445	rVV2	1556158	3698626	18.38%	0.800%
12	6.719	445	449	451	rVV2	5103388	16595881	82.49%	3.588%
13	6.764	451	453	455	rVB	4747048	5647875	28.07%	1.221%
14	6.936	465	468	470	rBV	2383728	4503656	22.39%	0.974%
15	6.982	470	472	475	rVV2	1619457	3999811	19.88%	0.865%
16	7.062	475	479	483	rVB2	1817102	5014999	24.93%	1.084%
17	7.199	489	491	493	rVB	4971430	6912344	34.36%	1.494%
18	7.416	508	510	511	rBV	1718731	1849822	9.19%	0.400%
19	7.496	514	517	519	rVB2	2049879	3239672	16.10%	0.700%
20	7.633	526	529	531	rBV	1106095	2369110	11.78%	0.512%
21	7.713	534	536	544	rVB2	1454644	3425352	17.03%	0.741%
22	7.930	550	555	557	rBV4	4468067	15564297	77.36%	3.365%
23	8.525	603	607	608	rBV	632067	1166418	5.80%	0.252%
24	8.605	612	614	615	rVV	1201454	2024588	10.06%	0.438%
25	8.673	618	620	622	rVV	1480250	1798635	8.94%	0.389%
26	8.730	622	625	627	rVV2	1055940	2025248	10.07%	0.438%
27	8.787	627	630	632	rVV3	1135153	2687572	13.36%	0.581%
28	8.833	632	634	635	rVV	1228269	2017084	10.03%	0.436%
29	8.925	635	642	643	rVV	4656835	18777252	93.33%	4.059%
30	9.016	643	650	653	rVB2	4581847	15456145	76.82%	3.341%
31	9.233	666	669	671	rBV	3044187	3519190	17.49%	0.761%
32	9.348	675	679	681	rVB	4250884	6946035	34.52%	1.502%
33	9.428	681	686	689	rVB3	1685413	4085646	20.31%	0.883%
34	9.508	689	693	694	rBV	3588091	5735053	28.51%	1.240%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.588	697	700	703	rVV2	4039046	10290867	51.15%	2.225%
36	9.656	703	706	707	rVB	3906068	6361243	31.62%	1.375%
37	9.702	707	710	714	rBV	2456492	4810149	23.91%	1.040%
38	9.805	714	719	721	rVB2	4616042	14703502	73.08%	3.179%
39	9.896	725	727	730	rBV2	2450977	3425455	17.03%	0.741%
40	9.953	730	732	733	rVB	3222435	3417740	16.99%	0.739%
41	10.113	743	746	748	rVV2	1834282	2196597	10.92%	0.475%
42	10.148	748	749	753	rVB	1244418	1473129	7.32%	0.318%
43	10.216	753	755	761	rBV2	1985295	5203411	25.86%	1.125%
44	10.308	761	763	765	rBV2	1102927	1914427	9.52%	0.414%
45	10.365	765	768	770	rVB	2896874	3750882	18.64%	0.811%
46	10.433	770	774	775	rBV2	2299730	4162878	20.69%	0.900%
47	10.479	775	778	780	rVV	3956355	7480287	37.18%	1.617%
48	10.525	780	782	783	rVV	996632	1320506	6.56%	0.285%
49	10.570	783	786	788	rVV	2130309	2783676	13.84%	0.602%
50	10.639	791	792	794	rVB	1671453	1536730	7.64%	0.332%
51	10.685	794	796	799	rVB2	3152526	5168357	25.69%	1.117%
52	10.822	806	808	810	rBV	1299012	1907084	9.48%	0.412%
53	11.005	819	824	825	rBV	2195710	3419211	16.99%	0.739%
54	11.028	825	826	828	rVV	1076950	1187475	5.90%	0.257%
55	11.085	829	831	834	rVV	1449310	1384734	6.88%	0.299%
56	11.291	844	849	853	rVB2	2350151	4196903	20.86%	0.907%
57	11.451	856	863	865	rBV	4398313	16158941	80.32%	3.493%
58	11.496	865	867	869	rVB	3861786	4986582	24.79%	1.078%
59	11.691	882	884	886	rVV	1679980	1944893	9.67%	0.420%
60	11.725	886	887	891	rVV2	1146965	1212932	6.03%	0.262%
61	11.805	891	894	896	rVB2	802985	1151955	5.73%	0.249%
62	11.908	900	903	904	rVV	2674796	5068941	25.19%	1.096%
63	11.931	904	905	907	rVV	3136686	2982812	14.83%	0.645%
64	11.976	907	909	911	rVV	1767842	2558173	12.72%	0.553%
65	12.022	911	913	916	rVV2	3844821	8164439	40.58%	1.765%
66	12.194	923	928	929	rBV	2371842	2888293	14.36%	0.624%
67	12.365	942	943	947	rVB	852826	1271885	6.32%	0.275%
68	12.445	947	950	952	rBV	2132824	3459326	17.19%	0.748%
69	12.491	952	954	956	rVV3	1582327	3319144	16.50%	0.718%
70	12.548	956	959	962	rVV2	770048	1547694	7.69%	0.335%
71	12.628	962	966	967	rVB	3878282	7287349	36.22%	1.575%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

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-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.708	971	973	975	rVB	3022832	3272922	16.27%	0.708%
73	12.856	982	986	988	rBV2	4053319	9810346	48.76%	2.121%
74	12.982	995	997	999	rVV	1961383	2416479	12.01%	0.522%
75	13.051	1000	1003	1006	rVB	1242837	1750369	8.70%	0.378%
76	13.165	1006	1013	1015	rBV	2366553	4358759	21.66%	0.942%
77	13.234	1015	1019	1020	rBV	2006130	2831354	14.07%	0.612%
78	13.268	1020	1022	1023	rVV	1703427	1519805	7.55%	0.329%
79	13.336	1025	1028	1029	rBV	1009998	1658842	8.25%	0.359%
80	13.359	1029	1030	1031	rVV	1435987	1163634	5.78%	0.252%
81	13.394	1031	1033	1037	rVB	2008922	2398623	11.92%	0.519%
82	13.771	1063	1066	1068	rBV3	656431	1464752	7.28%	0.317%
83	13.805	1068	1069	1074	rVB2	1253135	2083944	10.36%	0.451%
84	14.022	1085	1088	1090	rBV2	3355948	6779163	33.70%	1.466%
85	14.068	1090	1092	1094	rVB	2642490	3399426	16.90%	0.735%
86	14.411	1120	1122	1124	rVV	1386821	1765465	8.78%	0.382%
87	14.502	1126	1130	1131	rVV2	997306	1545974	7.68%	0.334%
88	14.559	1131	1135	1137	rVV2	1327485	2375508	11.81%	0.514%
89	15.062	1175	1179	1184	rBV	1947261	5259215	26.14%	1.137%
90	15.154	1184	1187	1189	rBV	1089310	1505562	7.48%	0.325%
91	15.222	1189	1193	1201	rVV3	553322	2177253	10.82%	0.471%
92	15.348	1201	1204	1206	rVV	1644276	2402498	11.94%	0.519%
93	15.417	1206	1210	1212	rVV	2503966	4249349	21.12%	0.919%
94	15.462	1212	1214	1215	rVV2	827218	1249110	6.21%	0.270%
95	15.497	1215	1217	1224	rVV2	985008	2783715	13.84%	0.602%
96	15.657	1226	1231	1235	rVV3	302626	1187305	5.90%	0.257%
97	16.594	1303	1313	1319	rBV	727541	4564914	22.69%	0.987%
98	16.868	1332	1337	1340	rVV	955693	1976436	9.82%	0.427%
99	17.291	1368	1374	1379	rBV	864295	2054845	10.21%	0.444%
100	17.508	1389	1393	1399	rVV	522406	1180329	5.87%	0.255%

Sum of corrected areas: 462567108

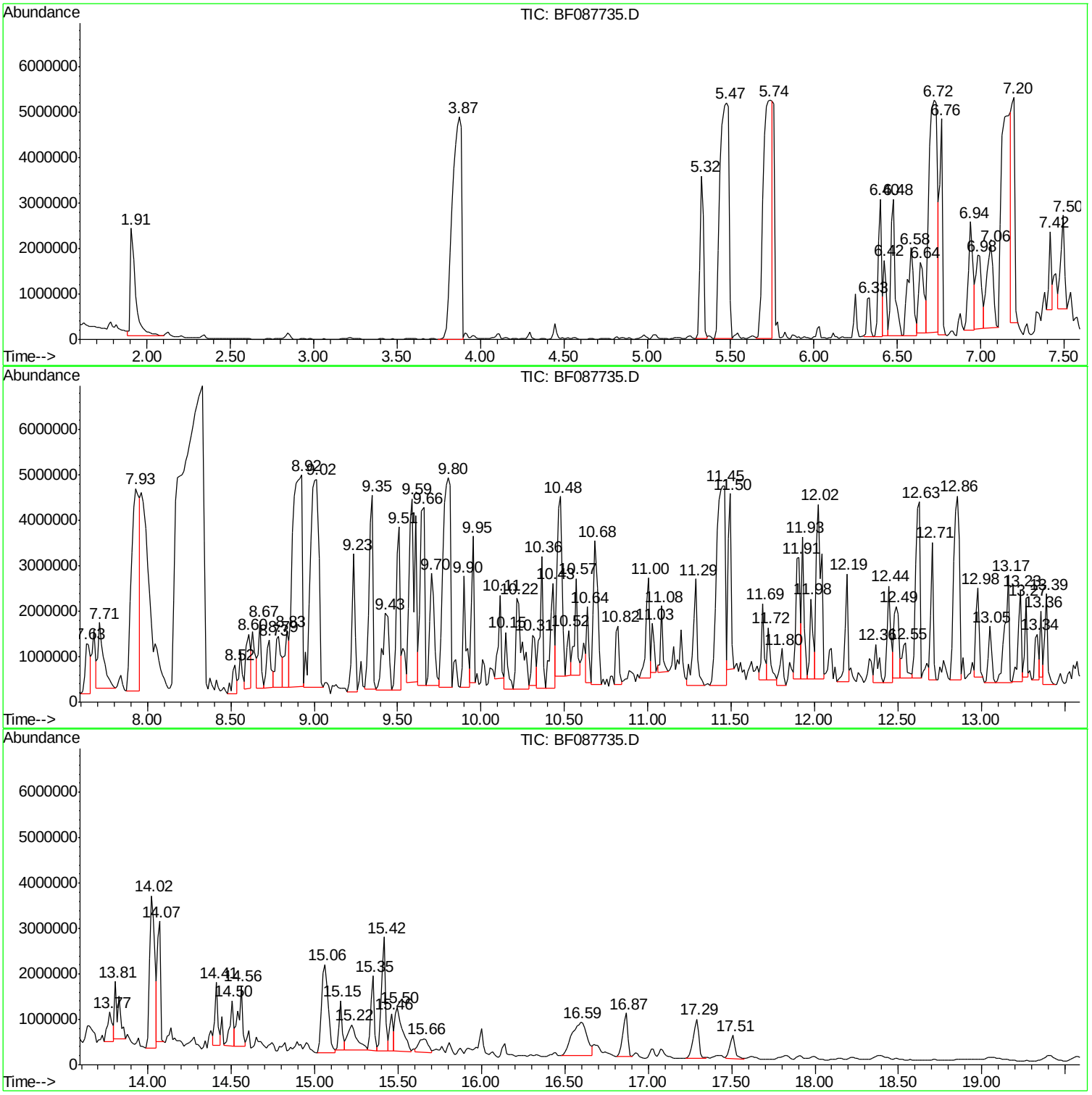
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

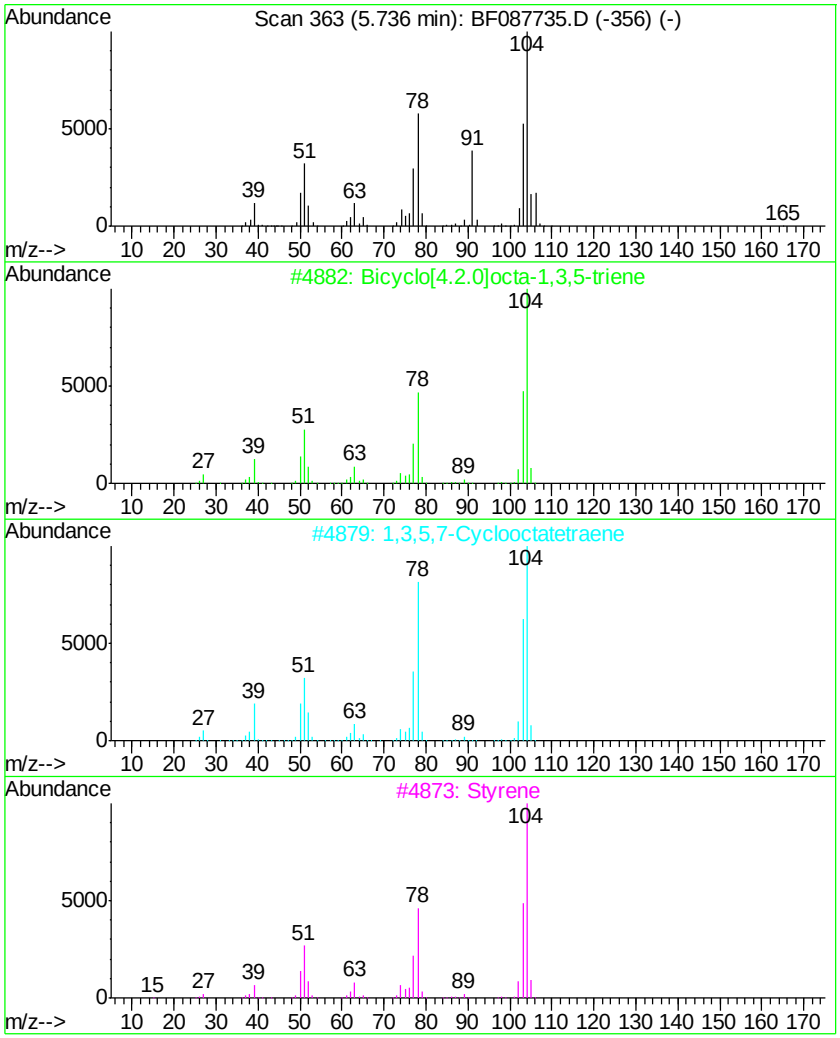
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

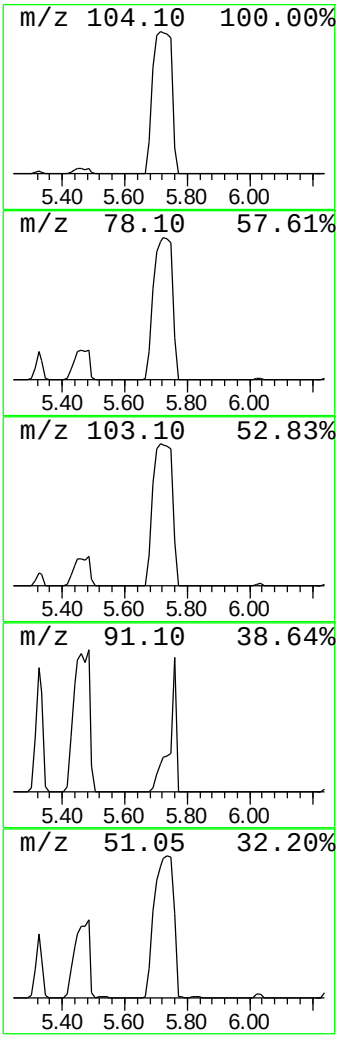
****

Peak Number 3 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	89.34 ng	20118900	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
3	Styrene	104	C8H8	000100-42-5	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	53
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

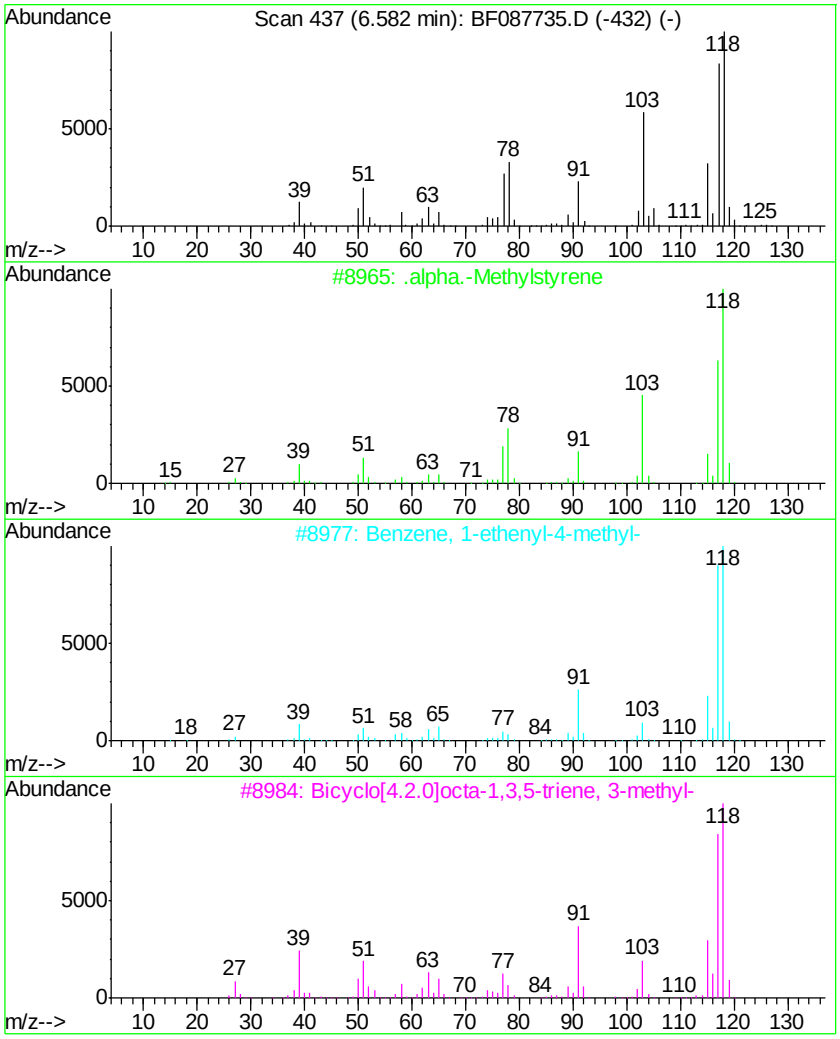
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

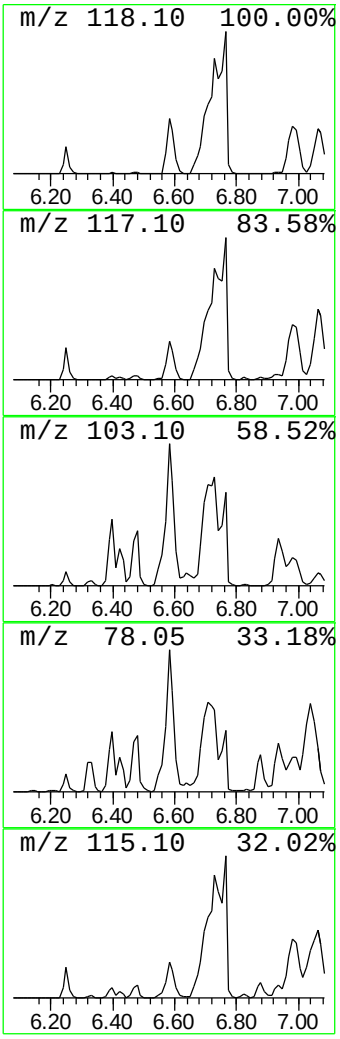
****

Peak Number 4 .alpha.-Methylstyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	22.24 ng	5008120	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	97
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	52
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	52
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

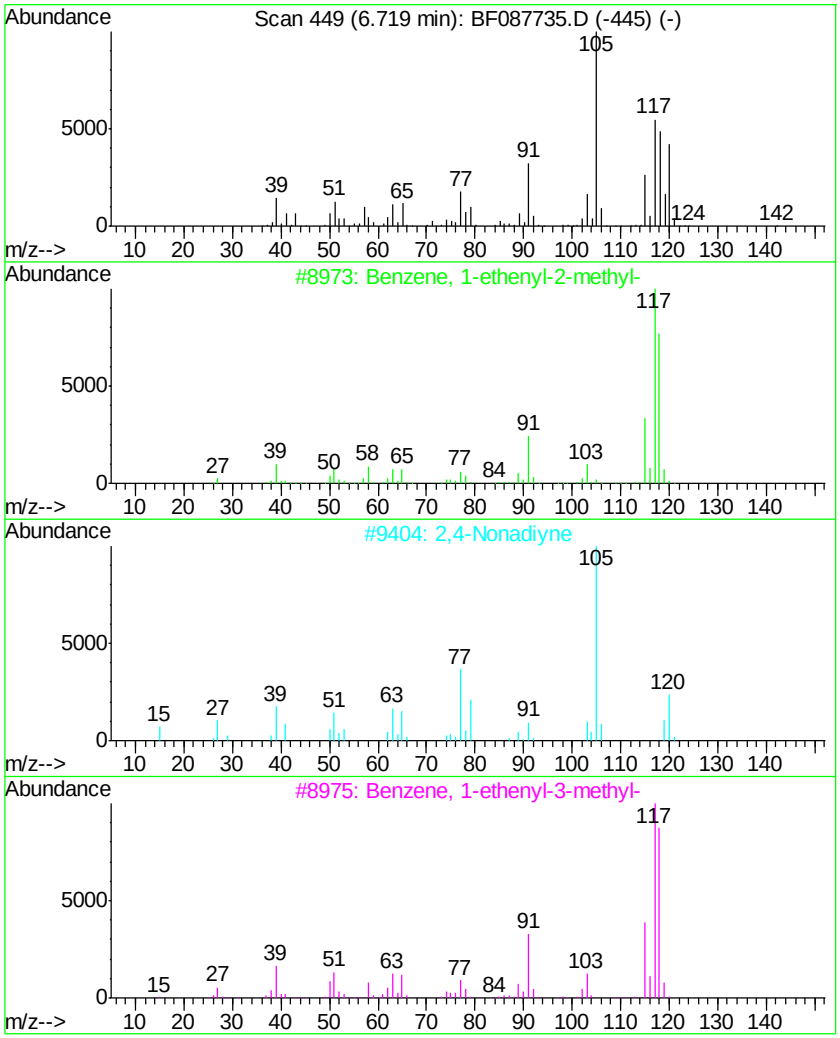
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

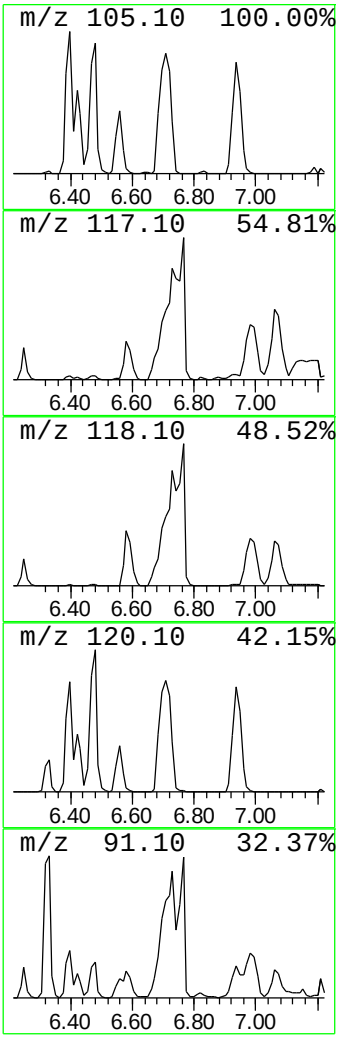
****

Peak Number 5 unknown6.72 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	73.70 ng	16595900	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46
2	2,4-Nonadiyne	120	C9H12	063621-15-8	46
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

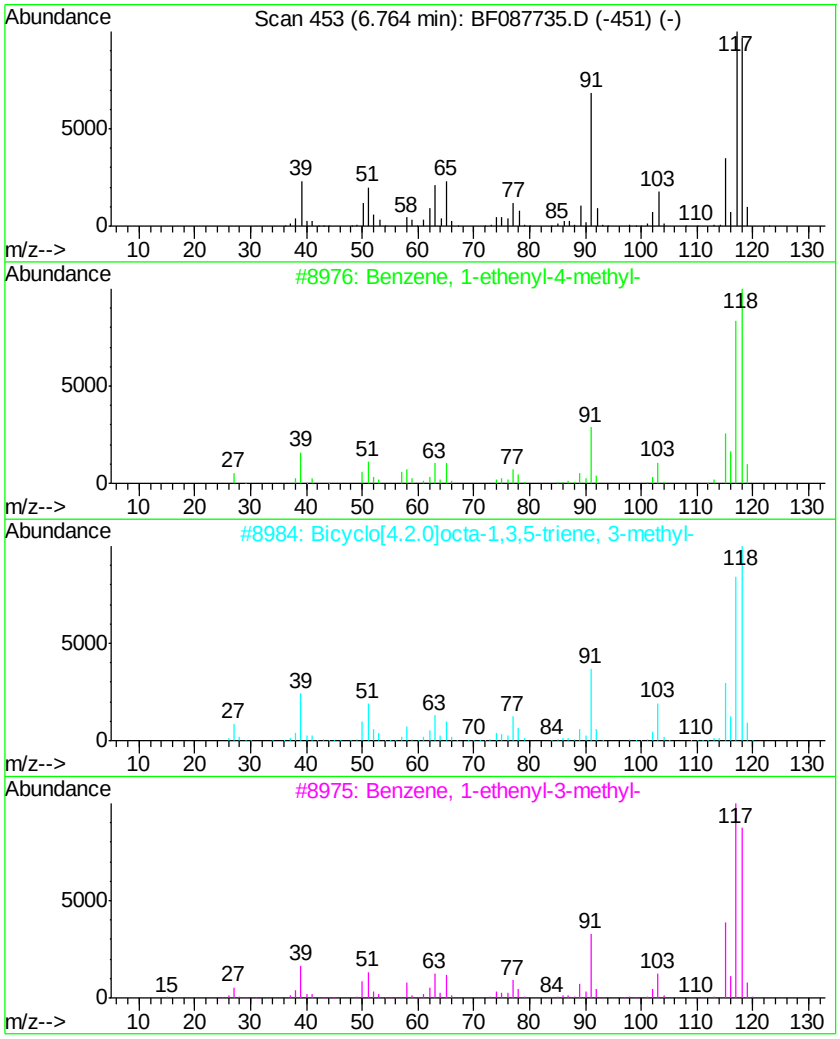
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

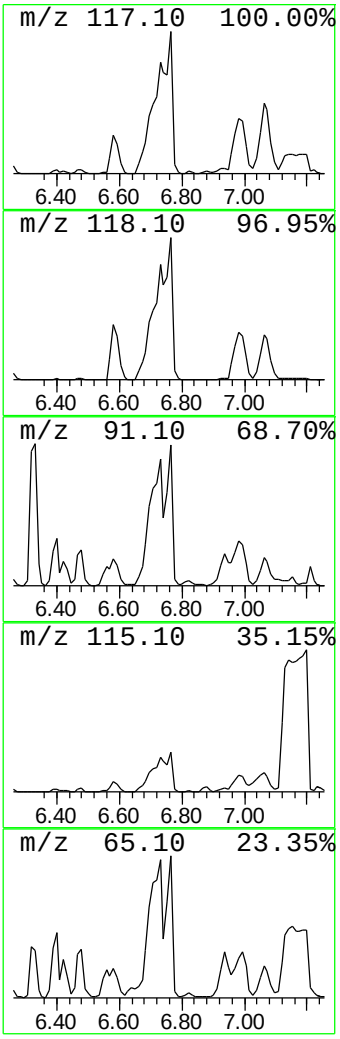
****

Peak Number 6 Benzene, 1-ethenyl-4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	25.08 ng	5647880	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	91
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	87
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087735.D
Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

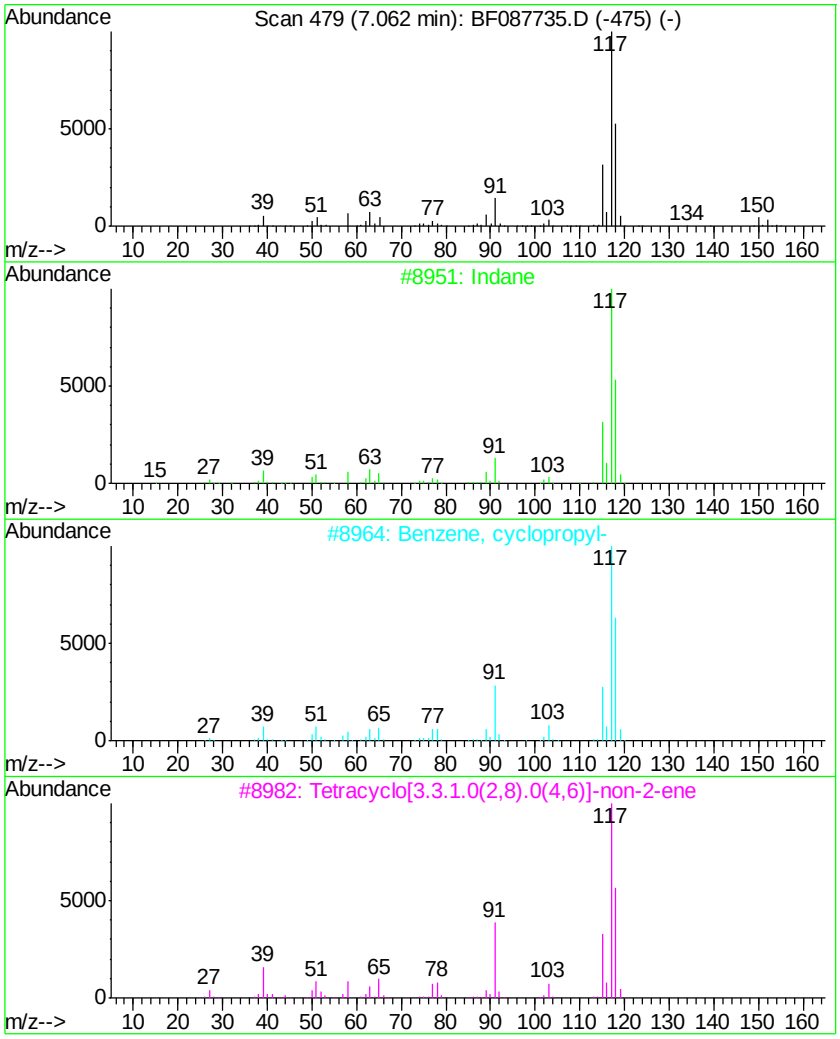
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

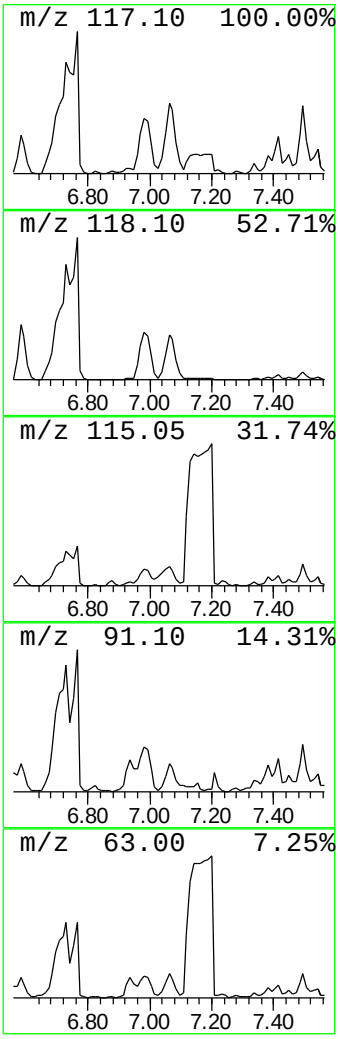
****

Peak Number 7 Indane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	22.27 ng	5015000	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





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Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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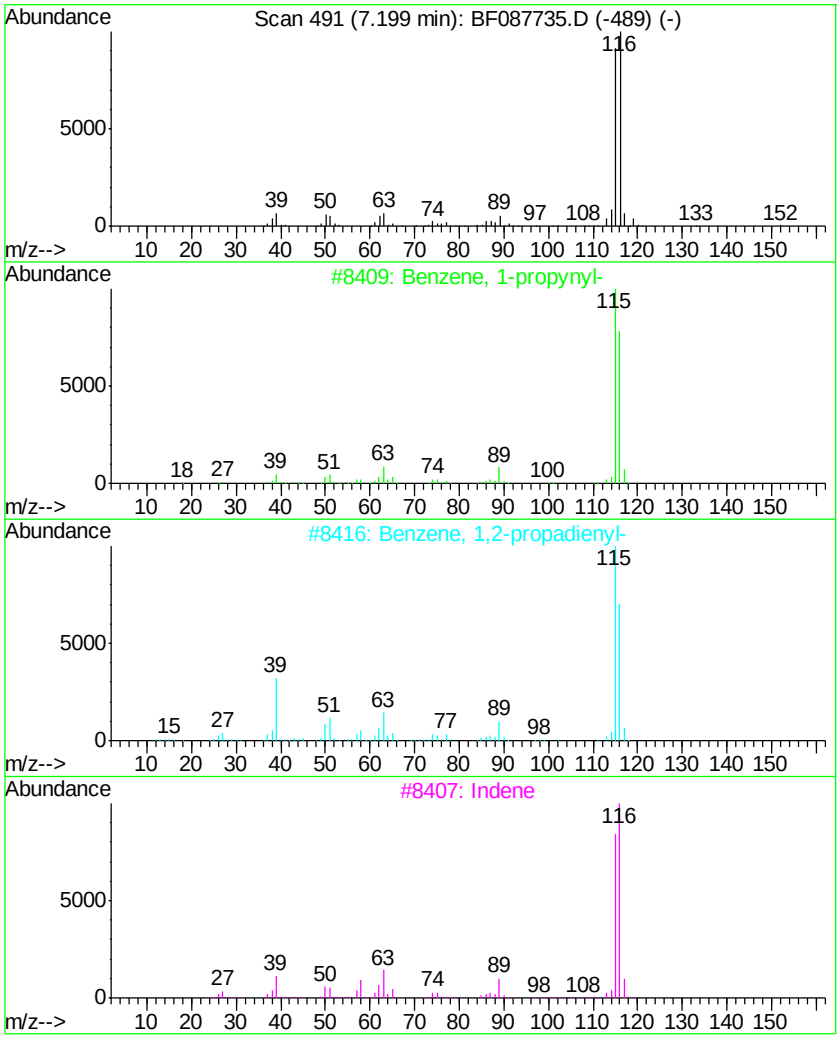
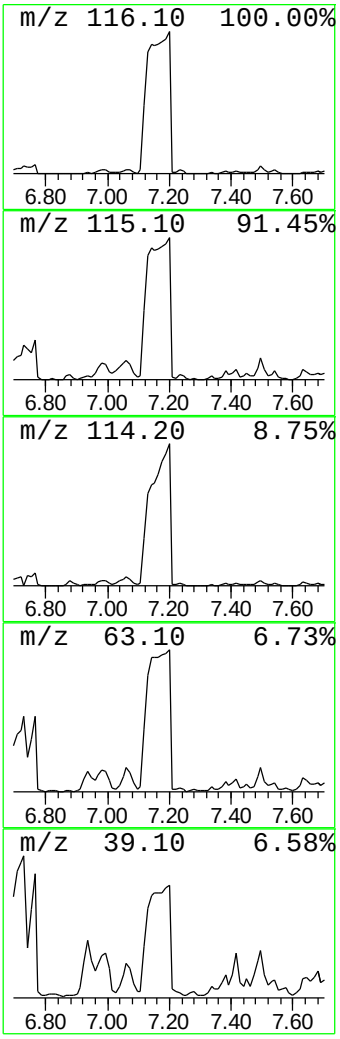
Peak Number 8 Benzene, 1-propynyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	30.70 ng	6912340	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
2	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	78
3	Indene	116	C9H8	000095-13-6	72
4	1-indanol trifluoroacetate ester	230	C11H9F3O2	1000376-43-6	64
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	50





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Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

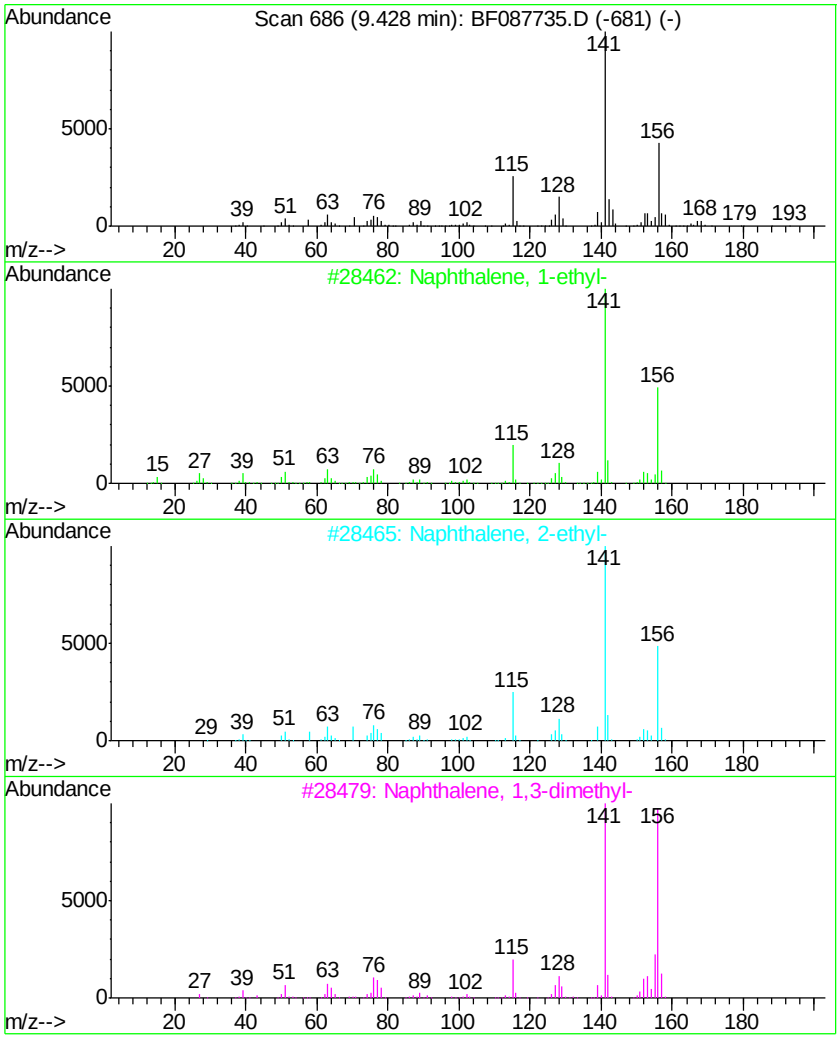
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

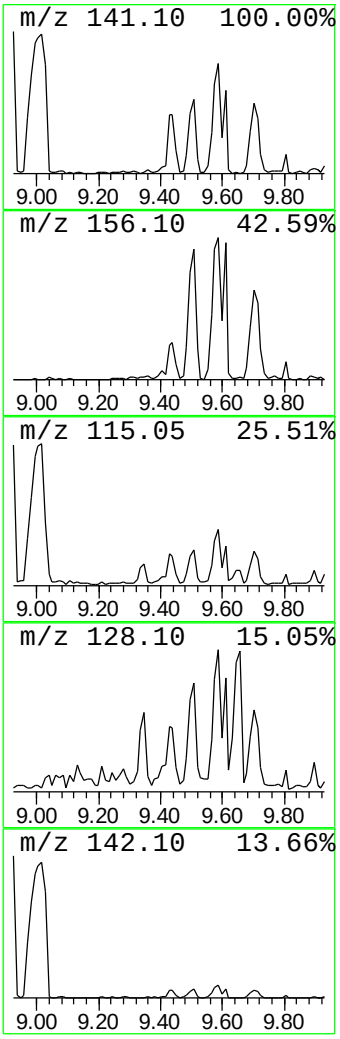
****

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	23.85 ng	4085650	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	53





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ClientSampleId : WC-201605A

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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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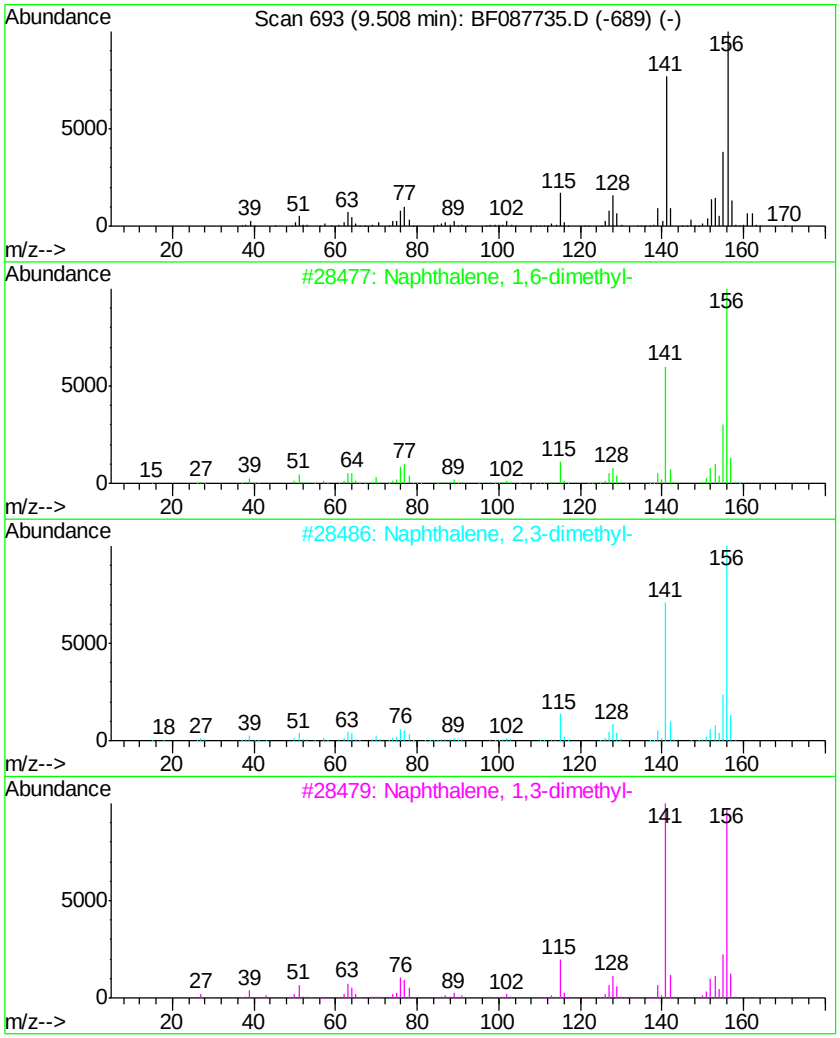
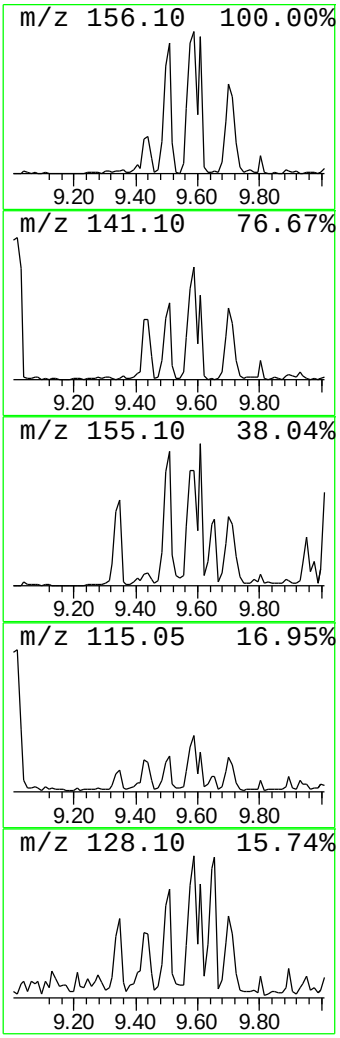
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	33.48 ng	5735050	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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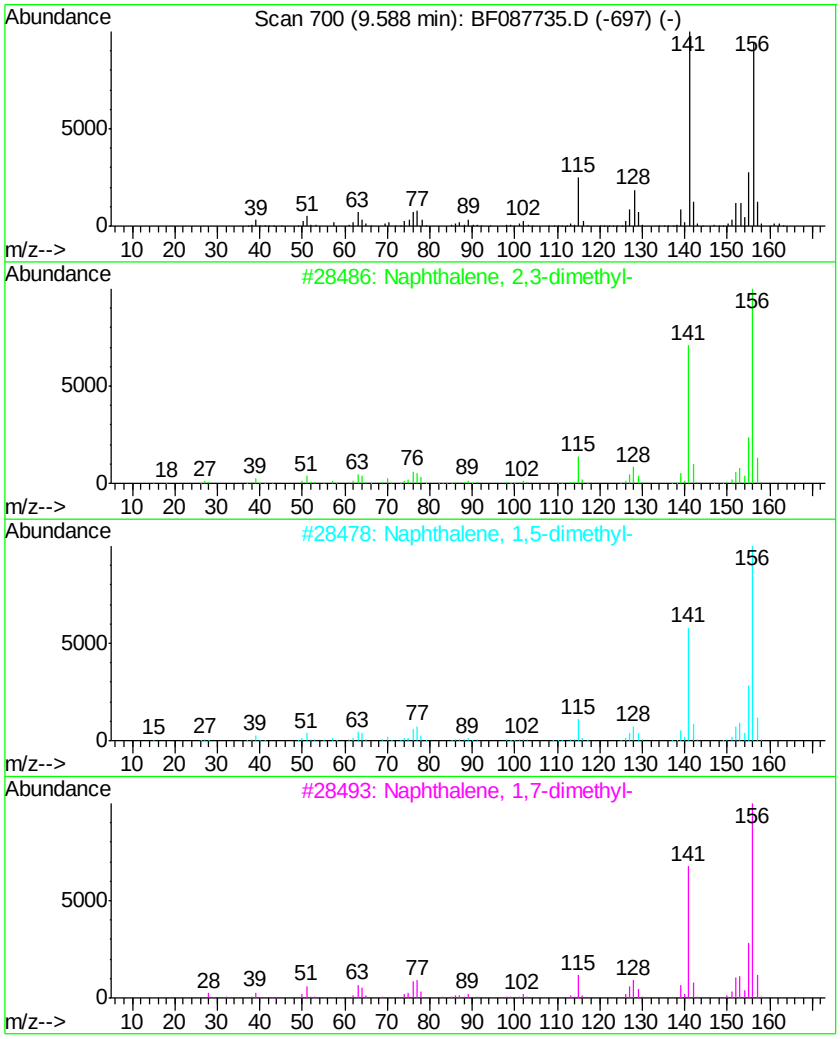
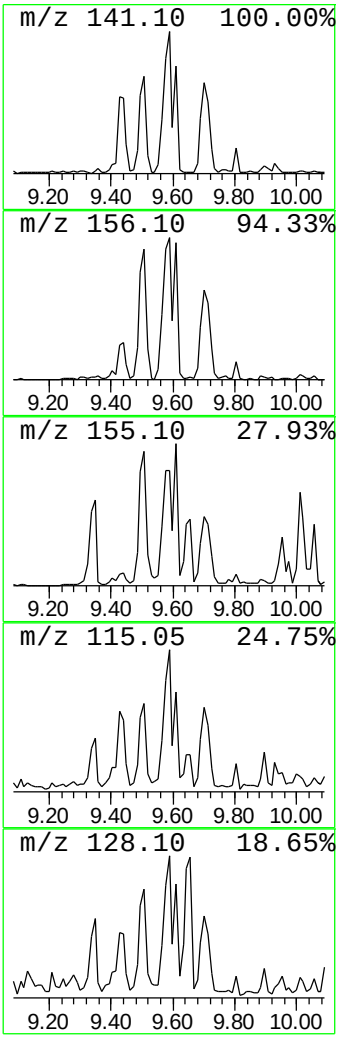
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	60.08 ng	10290900	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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ALS Vial : 71 Sample Multiplier: 1

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ClientSampleId : WC-201605A

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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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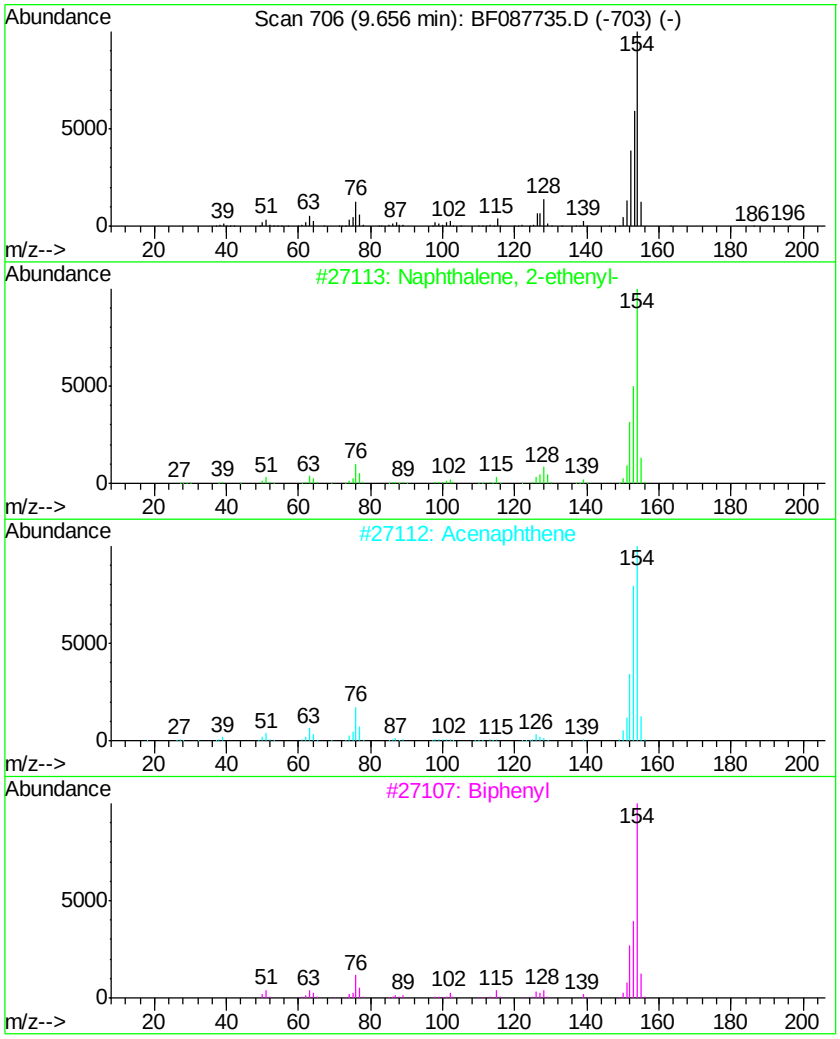
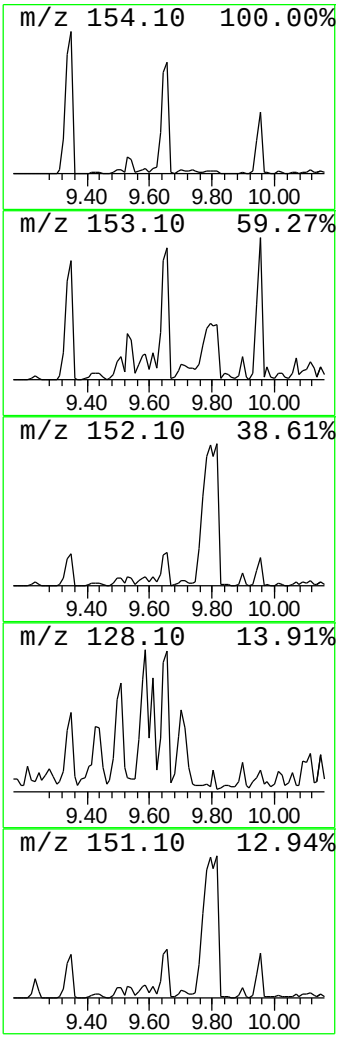
Peak Number 12 Naphthalene, 2-ethenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	37.14 ng	6361240	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Biphenyl	154	C12H10	000092-52-4	90
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	60
5	5-Isoquinolinecarbonitrile	154	C10H6N2	027655-41-0	43





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Instrument : BNA_F
ClientSampleId : WC-201605A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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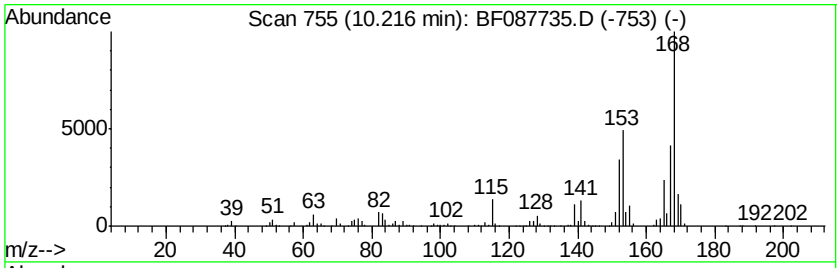
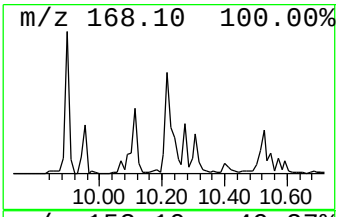
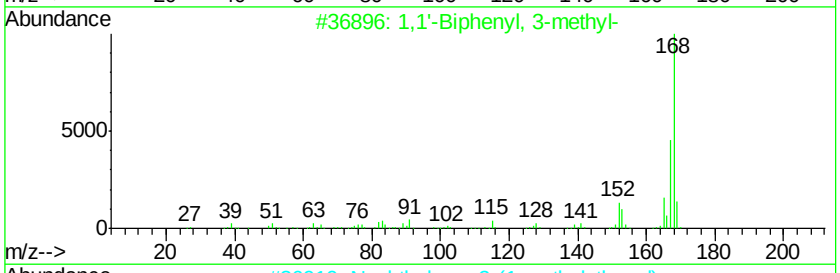
Peak Number 14 1,1'-Biphenyl, 3-methyl- Concentration Rank 12

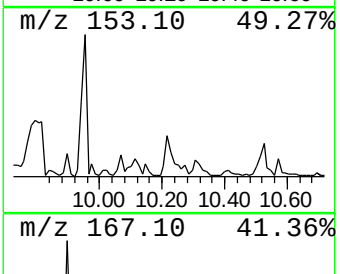
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	30.38 ng	5203410	Acenaphthene-d10	9.92

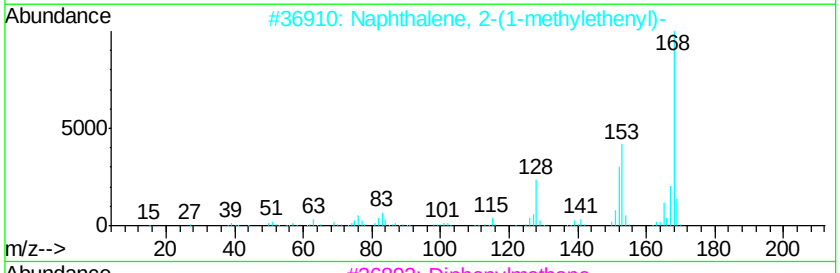
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	62
3	Diphenylmethane	168	C13H12	000101-81-5	47
4	4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	46
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43

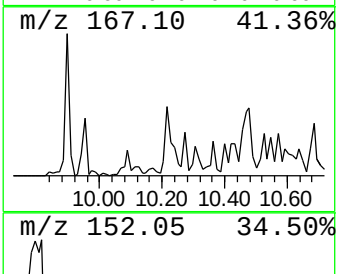


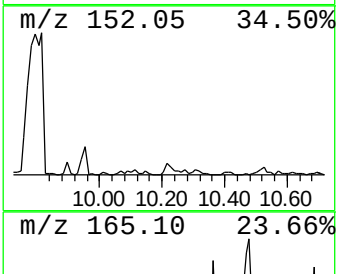


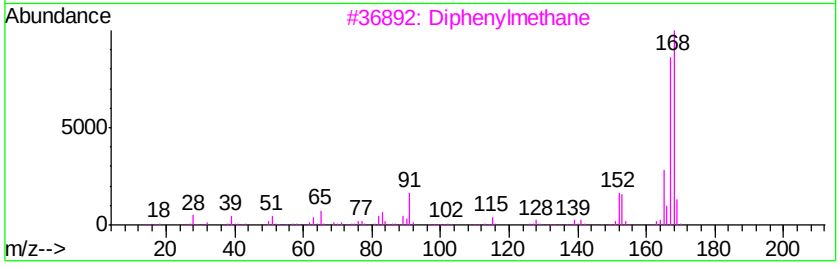


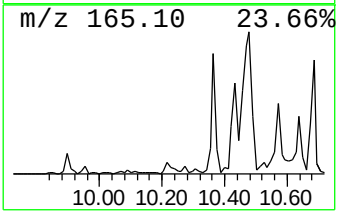












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Acq On : 6 Jun 2016 4:51
Operator : UM/SJ
Sample : H3346-01
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201605A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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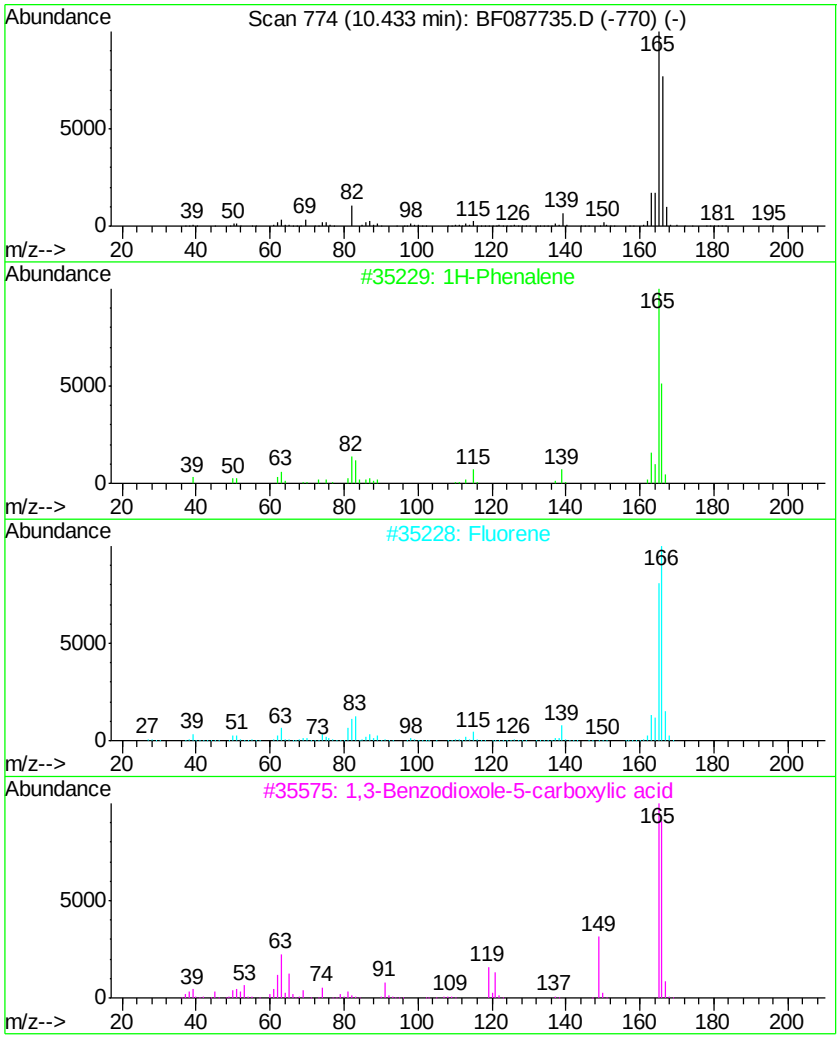
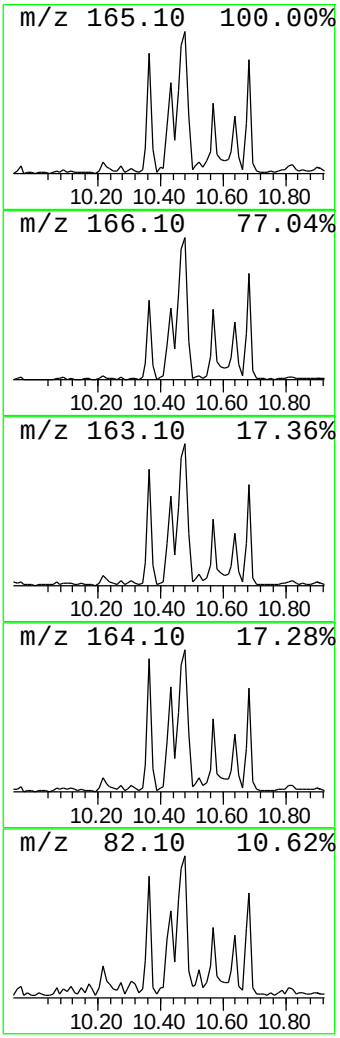
Peak Number 15 1H-Phenalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	24.31 ng	4162880	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	Fluorene	166	C13H10	000086-73-7	64
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	40
5	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	37





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Instrument : BNA_F
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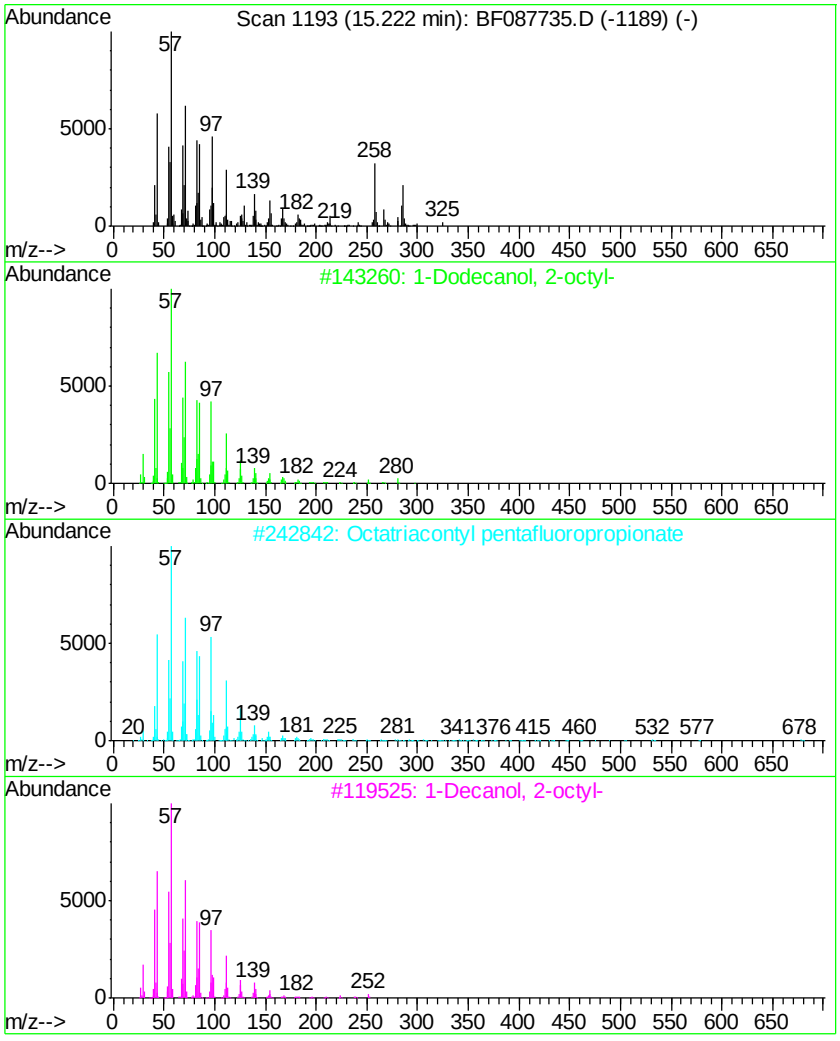
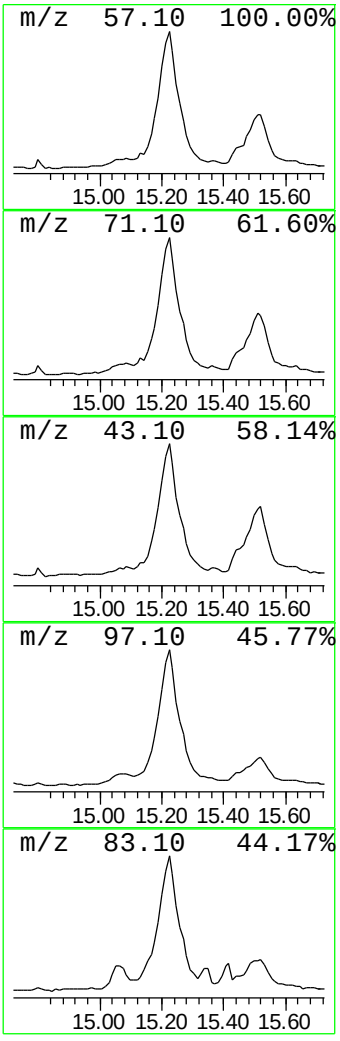
Peak Number 18 1-Dodecanol, 2-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	34.86 ng	2177250	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	68
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	62
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	59
4	1-Hentetracontanol	593	C41H84O	040710-42-7	58
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	58





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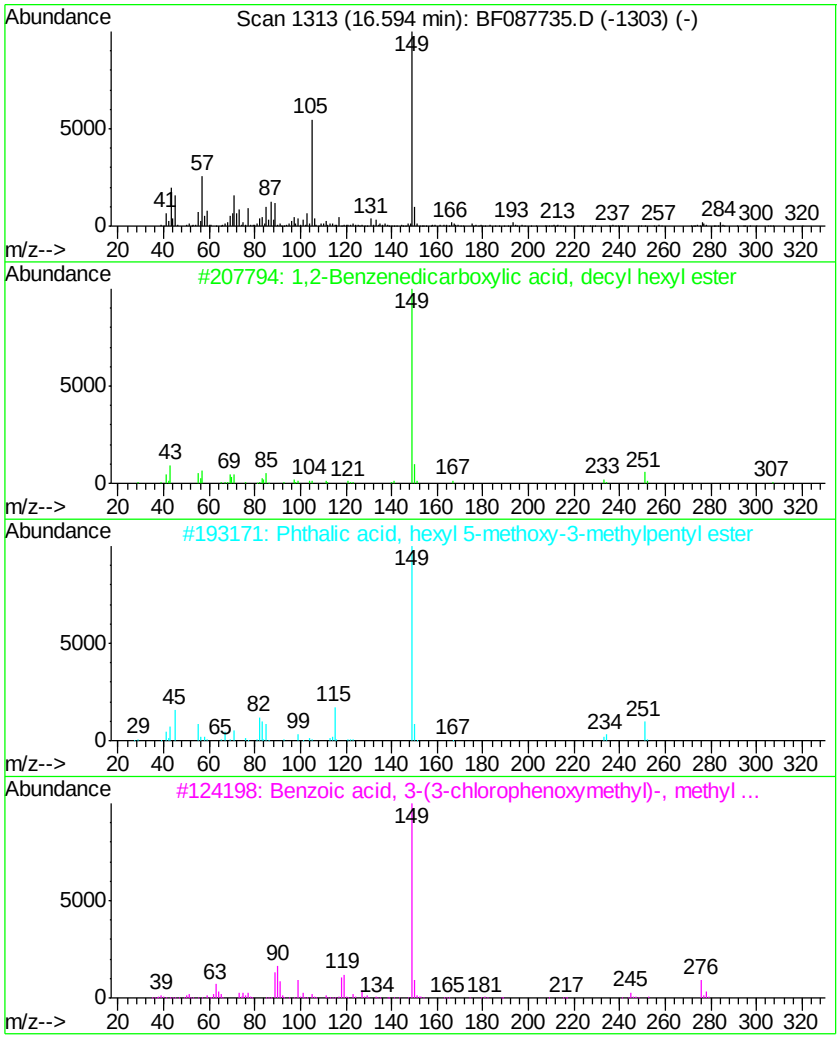
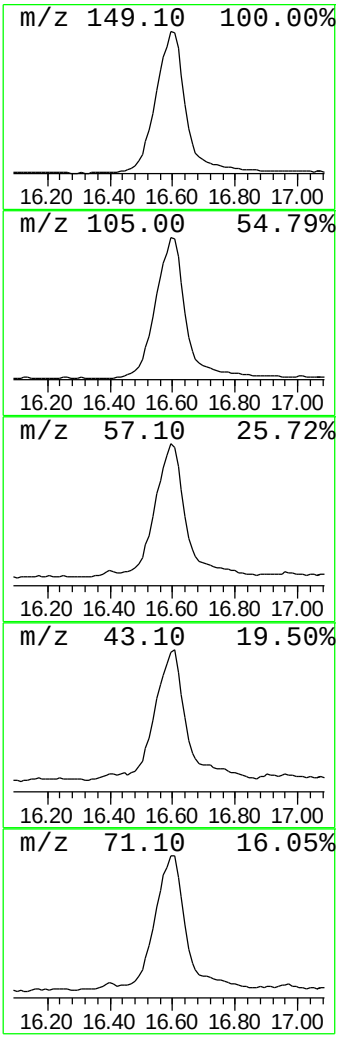
Peak Number 20 1,2-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	73.09 ng	4564910	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, de...	390	C24H38O4	025724-58-7	53
2	Phthalic acid, hexyl 5-methoxy-3...	364	C21H32O5	1000314-88-7	53
3	Benzoic acid, 3-(3-chlorophenoxy...	276	C15H13ClO3	1000273-84-0	53
4	Phthalic acid, 4-chloro-2-methyl...	458	C27H35ClO4	1000356-38-2	53
5	Phthalic acid, 3-fluorophenyl he...	498	C31H43FO4	1000356-66-2	53





Tentatively Identified Compound (LSC) summary

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Data File : BF087735.D
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[4.2.0]oct...	5.74	89.3	ng	20118900	1	6.88	4503660	20.0
.alpha.-Methylsty...	6.58	22.2	ng	5008120	1	6.88	4503660	20.0
unknown6.72	6.72	73.7	ng	16595900	1	6.88	4503660	20.0
Benzene, 1-etheny...	6.76	25.1	ng	5647880	1	6.88	4503660	20.0
Indane	7.06	22.3	ng	5015000	1	6.88	4503660	20.0
Benzene, 1-propynyl-	7.20	30.7	ng	6912340	1	6.88	4503660	20.0
Naphthalene, 1-et...	9.43	23.9	ng	4085650	3	9.92	3425460	20.0
Naphthalene, 1,6-...	9.51	33.5	ng	5735050	3	9.92	3425460	20.0
Naphthalene, 2,3-...	9.59	60.1	ng	10290900	3	9.92	3425460	20.0
Naphthalene, 2-et...	9.66	37.1	ng	6361240	3	9.92	3425460	20.0
1,1'-Biphenyl, 3-...	10.22	30.4	ng	5203410	3	9.92	3425460	20.0
1H-Phenalene	10.43	24.3	ng	4162880	3	9.92	3425460	20.0
1-Dodecanol, 2-oc...	15.22	34.9	ng	2177250	6	15.46	1249110	20.0
1,2-Benzenedicarb...	16.59	73.1	ng	4564910	6	15.46	1249110	20.0