LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-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:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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	1.767	5	7	25	rVV	2580493	5730680	17.62%	1.144%
2	2.053	29	32	37	rVB3	152869	420511	1.29%	0.084%
3	2.464	61	68	72	rVB3	156777	438213	1.35%	0.088%
4	2.613	78	81	84	rBV	639546	1188003	3.65%	0.237%
5	3.036	114	118	122	rVV2	272203	603245	1.85%	0.120%
6	3.127	122	126	131	rVB3	134622	358107	1.10%	0.072%
7	3.413	143	151	155	rBV	1062981	2295501	7.06%	0.458%
8	3.493	155	158	161	rVV	225713	455371	1.40%	0.091%
9	4.007	200	203	209	rVB2	683311	1468470	4.51%	0.293%
10	4.110	209	212	215	rBV	865542	1378787	4.24%	0.275%
11	4.270	222	226	232	rVB2	190610	407579	1.25%	0.081%
12	4.579	245	253	256	rBV4	122819	404057	1.24%	0.081%
13	4.716	259	265	267	rBV4	202026	412667	1.27%	0.082%
14	4.830	272	275	277	rVV2	311303	674866	2.07%	0.135%
15	4.887	277	280	283	rVV4	176959	536589	1.65%	0.107%
16	5.116	295	300	303	rBV	7346353	20555595	63.18%	4.105%
17	5.242	306	311	315	rBV	7173884	32532818	100.00%	6.497%
18	5.424	324	327	330	rBV2	160551	342934	1.05%	0.068%
19	5.504	330	334	339	rBV	7042914	24121972	74.15%	4.817%
20	5.699	347	351	358	rVB5	300394	793481	2.44%	0.158%
21	5.824	358	362	364	rBV	3395571	3278434	10.08%	0.655%
22	5.996	374	377	380	rVB	499254	900727	2.77%	0.180%
23	6.133	386	389	392	rVB	4091736	5600311	17.21%	1.118%
24	6.213	392	396	398	rBV	7154997	21357099	65.65%	4.265%
25	6.247	398	399	400	rVB	6745584	4627471	14.22%	0.924%
26	6.293	400	403	405	rBV	6709451	10327942	31.75%	2.062%
27	6.373	407	410	412	rVB	6847531	10269601	31.57%	2.051%
28	6.465	415	418	420	rBV	2180651	4312182	13.25%	0.861%
29	6.510	420	422	426	rVB	6725839	19682177	60.50%	3.931%
30	6.636	429	433	435	rVB3	598304	1293799	3.98%	0.258%
31	6.682	435	437	438	rBV	957154	965335	2.97%	0.193%
32	6.750	438	443	445	rBV2	6737431	13918779	42.78%	2.780%
33	6.785	445	446	449	rVB2	335253	571509	1.76%	0.114%
34	6.876	449	454	456	rBV	6826519	15712669	48.30%	3.138%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-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:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.933	457	459	463	rBV3	4698309	10121484	31.11%	2.021%
36	7.013	463	466	470	rBV	5118903	8177922	25.14%	1.633%
37	7.082	470	472	474	rVB2	1605788	2053658	6.31%	0.410%
38	7.150	476	478	479	rBV	3521273	3818590	11.74%	0.763%
39	7.230	482	485	486	rBV2	6028876	9581794	29.45%	1.913%
40	7.253	486	487	489	rVB2	5022514	5299523	16.29%	1.058%
41	7.333	492	494	495	rBV2	719447	1038107	3.19%	0.207%
42	7.367	495	497	501	rBV2	2946155	5166527	15.88%	1.032%
43	7.459	503	505	506	rBV	3894152	3916504	12.04%	0.782%
44	7.482	506	507	509	rVB	4584294	5738182	17.64%	1.146%
45	7.562	509	514	515	rBV3	1356968	3010272	9.25%	0.601%
46	7.596	515	517	518	rVB2	943048	1083867	3.33%	0.216%
47	7.642	518	521	524	rBV3	5779689	10636413	32.69%	2.124%
48	7.710	524	527	529	rBV2	6406106	9433394	29.00%	1.884%
49	7.756	529	531	533	rBV3	1143839	2586855	7.95%	0.517%
50	7.802	533	535	537	rVB2	1580547	2130092	6.55%	0.425%
51	7.848	537	539	542	rVB2	3247537	4263127	13.10%	0.851%
52	7.996	542	552	555	rBV2	6755584	24058178	73.95%	4.804%
53	8.042	555	556	559	rVB2	3651258	3759044	11.55%	0.751%
54	8.099	559	561	562	rBV	393586	528141	1.62%	0.105%
55	8.122	562	563	564	rBV	393099	482158	1.48%	0.096%
56	8.156	564	566	568	rVB2	695036	636264	1.96%	0.127%
57	8.190	568	569	570	rBV	1023622	907333	2.79%	0.181%
58	8.236	570	573	574	rBV2	1285445	2884470	8.87%	0.576%
59	8.259	574	575	579	rVB	1747692	2101243	6.46%	0.420%
60	8.350	579	583	584	rBV2	2656082	4070584	12.51%	0.813%
61	8.430	589	590	591	rVV	3090436	2805002	8.62%	0.560%
62	8.465	591	593	597	rVV3	2064052	6320298	19.43%	1.262%
63	8.590	597	604	606	rVV2	5202902	14761463	45.37%	2.948%
64	8.636	606	608	609	rVV2	1162883	1824139	5.61%	0.364%
65	8.682	609	612	614	rVV	5608103	7356127	22.61%	1.469%
66	8.716	614	615	616	rVV	2743893	2827422	8.69%	0.565%
67	8.785	616	621	623	rVV3	5479393	12585167	38.68%	2.513%
68	8.842	623	626	627	rVV	2691956	3803909	11.69%	0.760%
69	8.876	627	629	630	rVV2	1305262	2047217	6.29%	0.409%
70	8.922	630	633	634	rVV2	1990151	4315818	13.27%	0.862%
71	8.979	634	638	641	rVV4	3227815	12245853	37.64%	2.445%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-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:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.048	641	644	646	rVV3	5894763	9688353	29.78%	1.935%
73	9.139	646	652	657	rVV	4149977	11245767	34.57%	2.246%
74	9.219	657	659	664	rVV5	1185722	2934426	9.02%	0.586%
75	9.345	664	670	671	rVV2	3236207	9524657	29.28%	1.902%
76	9.391	671	674	677	rVV3	4128242	10949421	33.66%	2.187%
77	9.471	677	681	683	rVV3	2386487	8655717	26.61%	1.729%
78	9.505	683	684	686	rVV	3238541	2815015	8.65%	0.562%
79	9.539	686	687	688	rVV	829274	689894	2.12%	0.138%
80	9.596	688	692	693	rVV2	1123801	2770576	8.52%	0.553%
81	9.619	693	694	696	rVV	1435378	1676877	5.15%	0.335%
82	9.676	696	699	700	rVV	2129937	3620523	11.13%	0.723%
83	9.711	700	702	706	rVV2	1772839	3867710	11.89%	0.772%
84	9.813	708	711	713	rVV4	1104932	2426098	7.46%	0.484%
85	9.859	713	715	716	rVV	1015058	1524402	4.69%	0.304%
86	9.905	716	719	723	rVV6	735921	2576842	7.92%	0.515%
87	9.962	723	724	726	rVV	570058	926732	2.85%	0.185%
88	10.019	726	729	731	rVV	993393	1642651	5.05%	0.328%
89	10.088	731	735	737	rVV2	493370	1260008	3.87%	0.252%
90	10.133	737	739	740	rVV	887431	1043825	3.21%	0.208%
91	10.168	740	742	743	rVV2	304265	583234	1.79%	0.116%
92	10.191	743	744	747	rVV	838422	785671	2.42%	0.157%
93	10.511	769	772	774	rVV	3133343	3365923	10.35%	0.672%
94	11.196	827	832	834	rBV	1575551	1559301	4.79%	0.311%
95	11.745	878	880	889	rVB3	457416	672101	2.07%	0.134%
96	12.785	968	971	973	rBV	4060376	5227325	16.07%	1.044%
97	13.825	1059	1062	1064	rBV	1071123	1324798	4.07%	0.265%
98	15.197	1180	1182	1185	rBV	854624	1083489	3.33%	0.216%

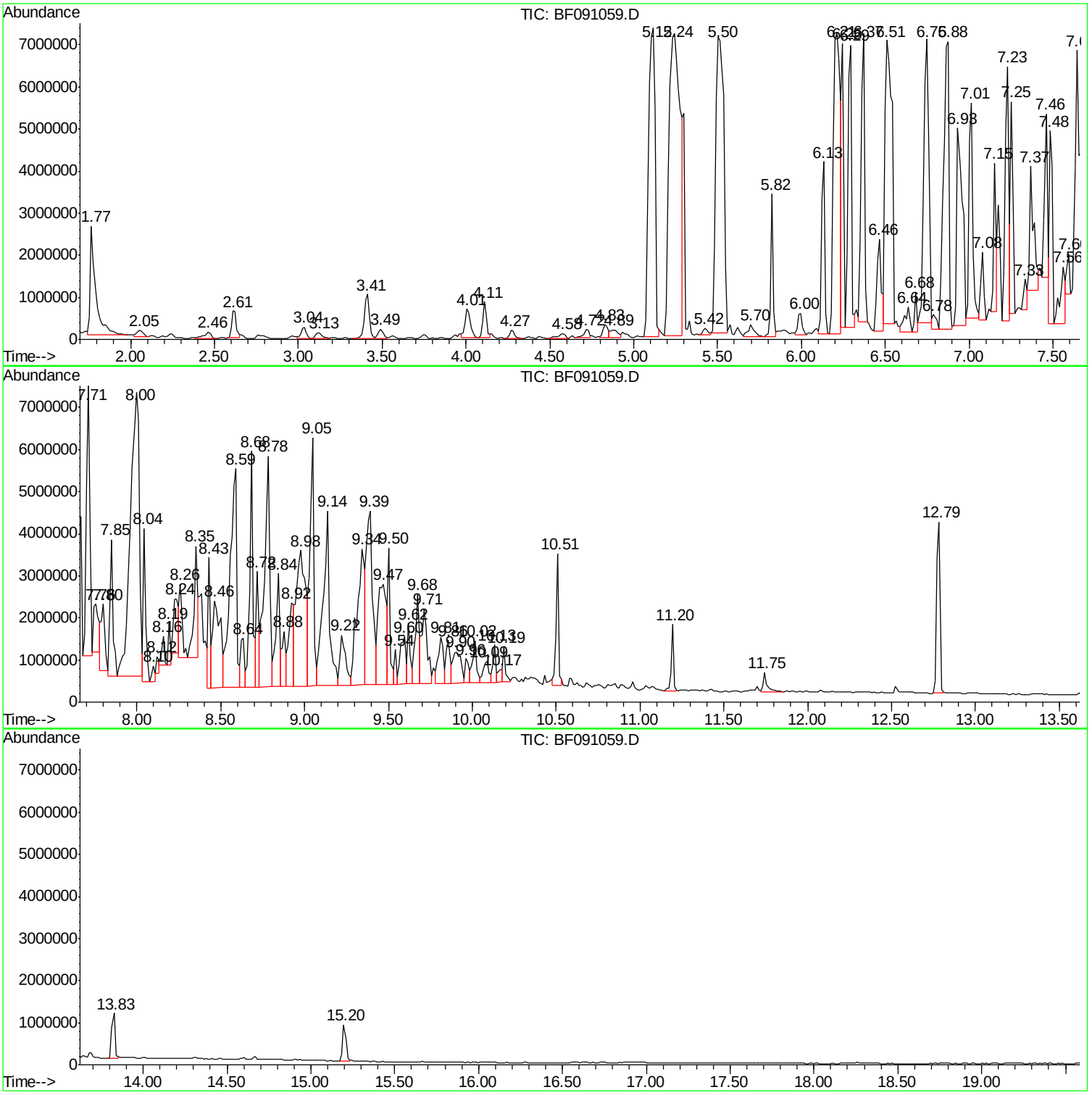
Sum of corrected areas: 500754958

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

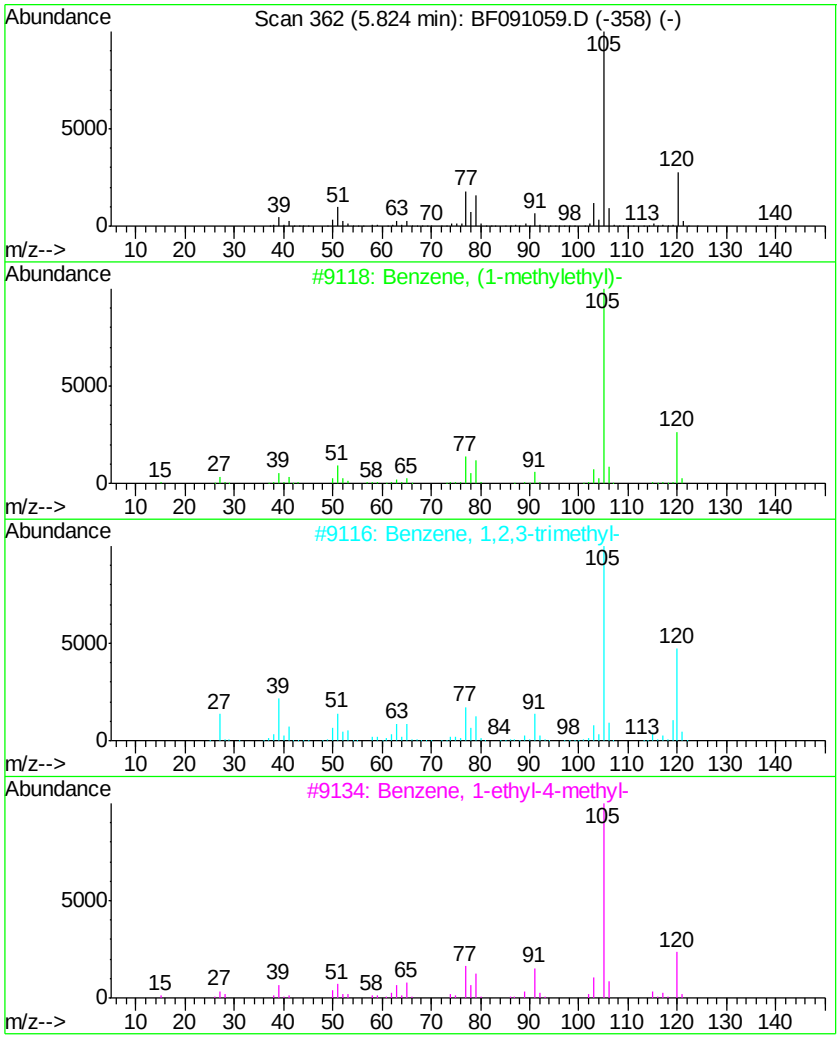
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

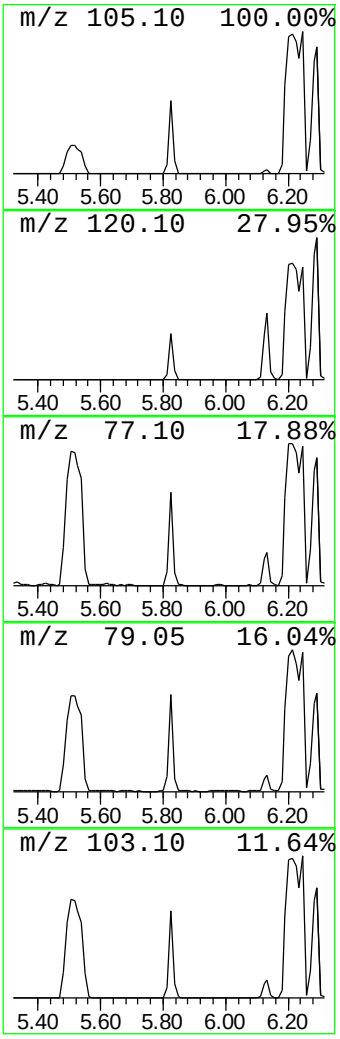
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	67.92 ng	3278430	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

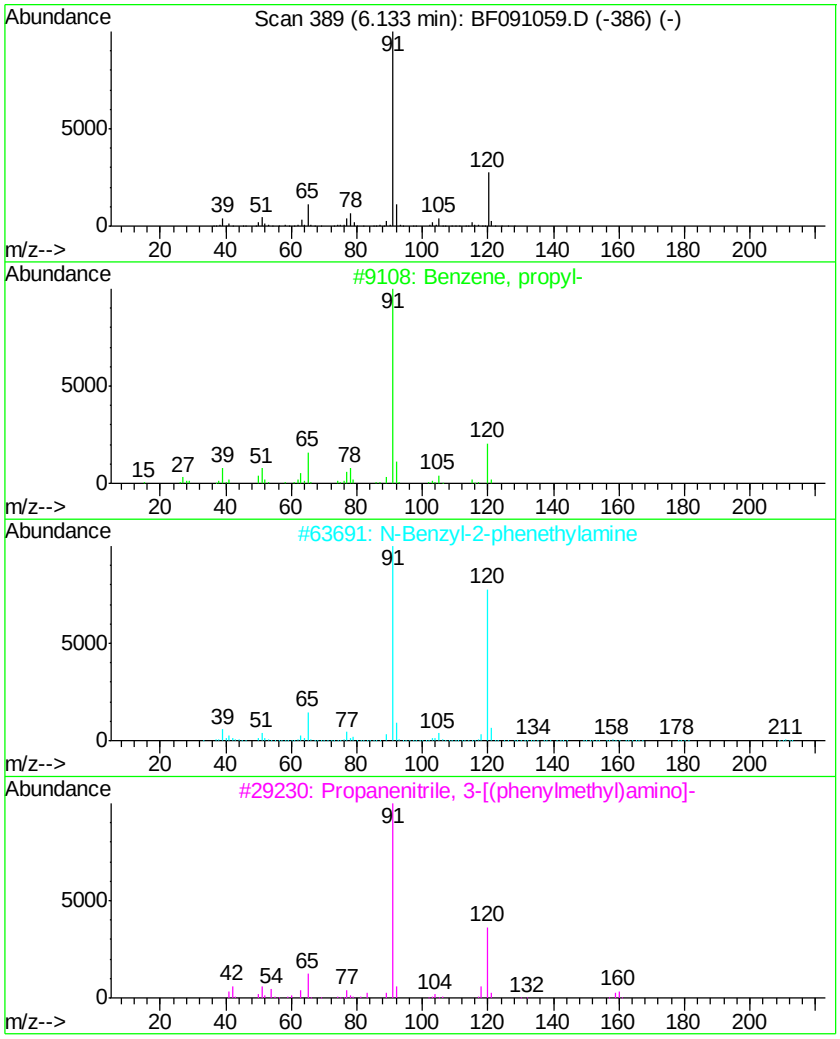
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

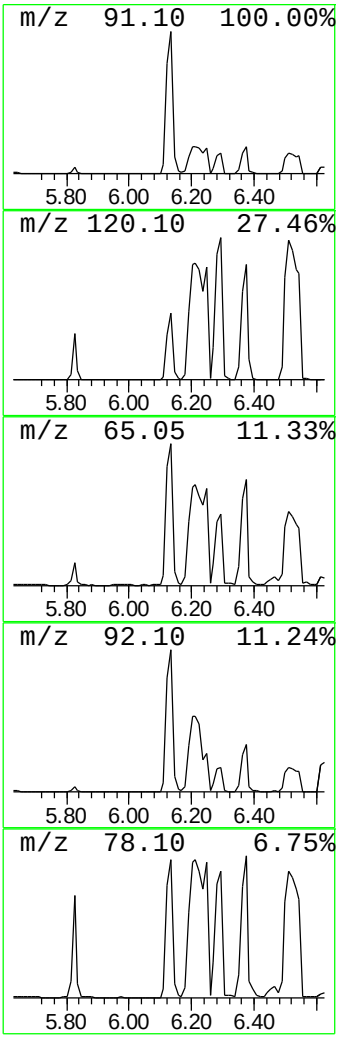
****

Peak Number 6 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	116.03 ng	5600310	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
3	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	56
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

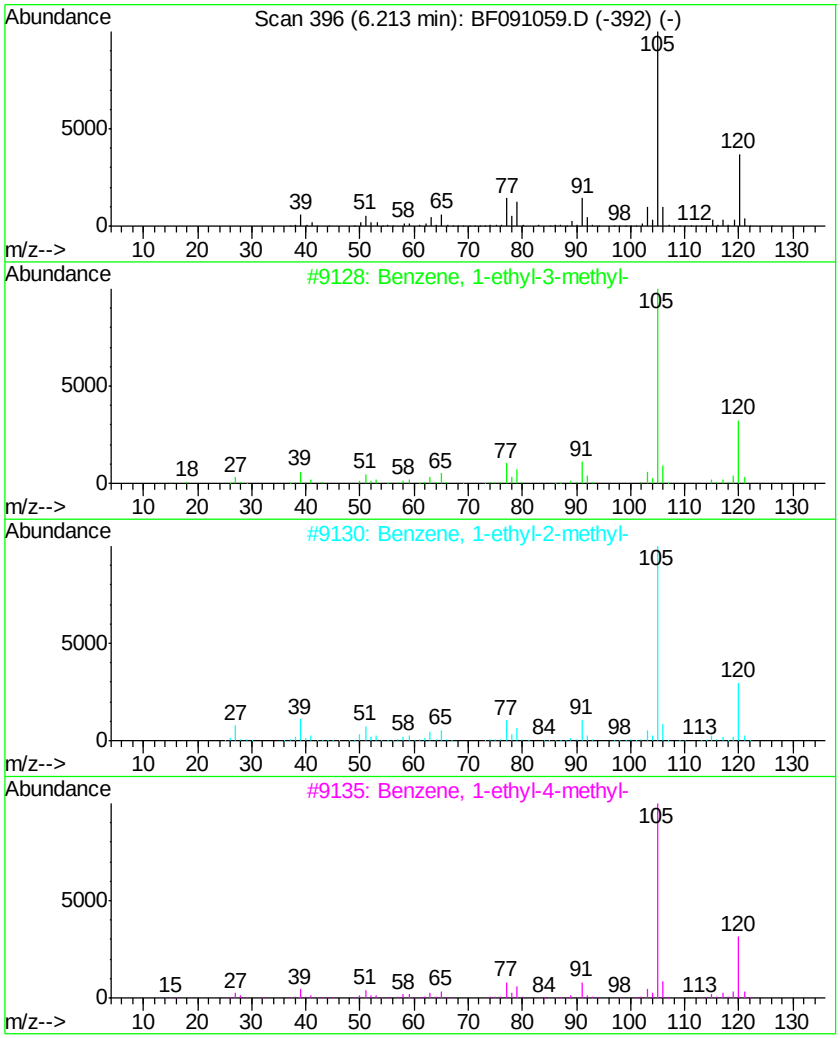
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

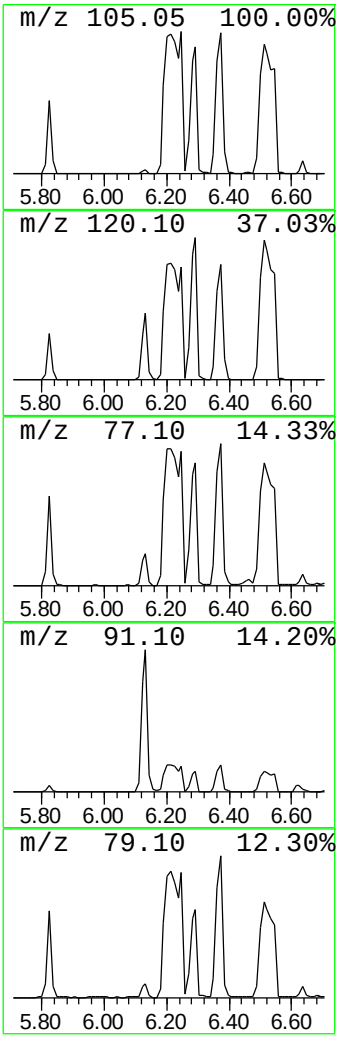
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	442.48 ng	21357100	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

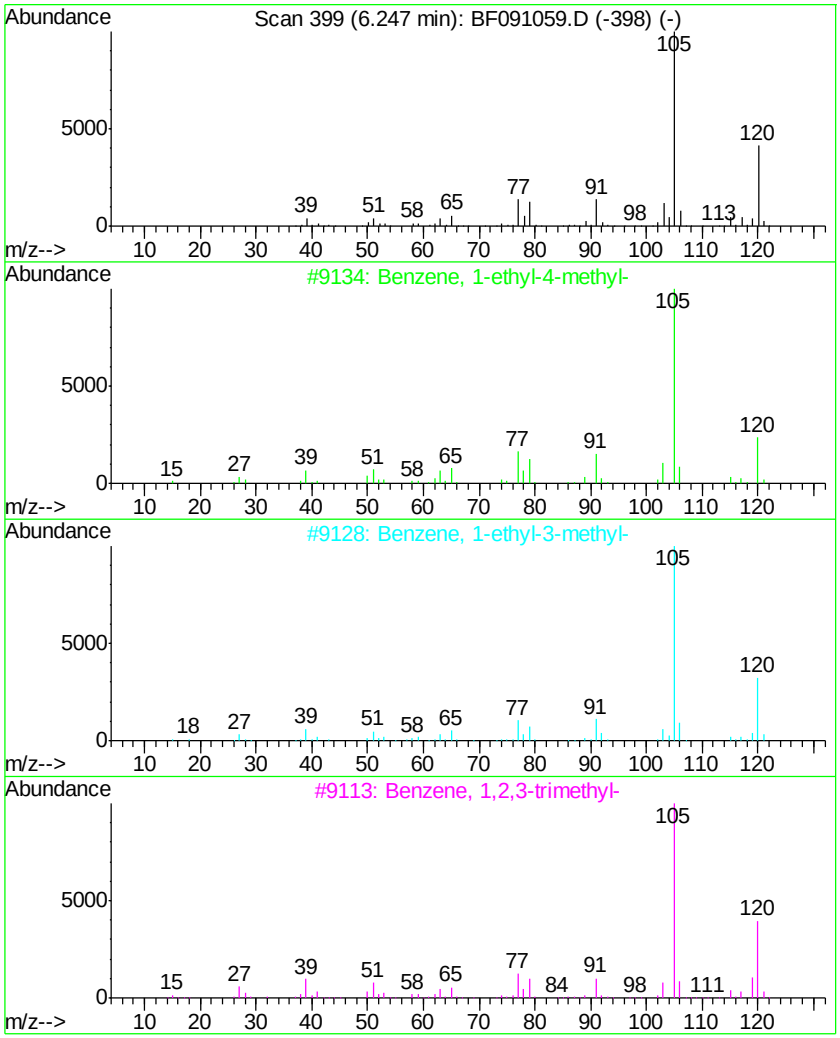
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

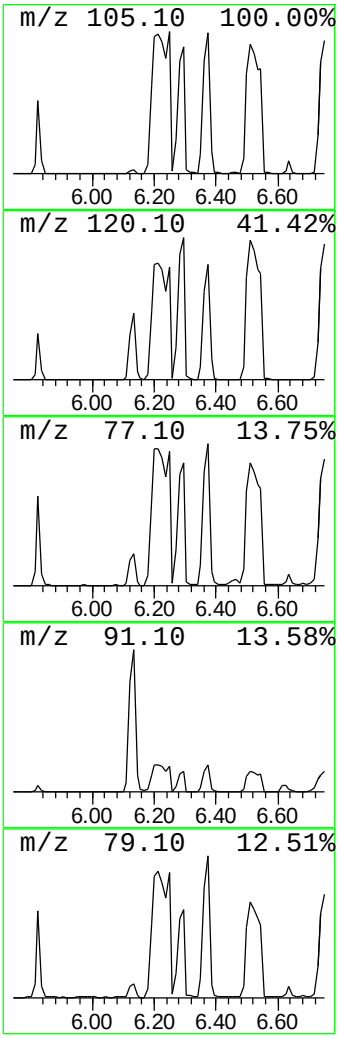
****

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	95.87 ng	4627470	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

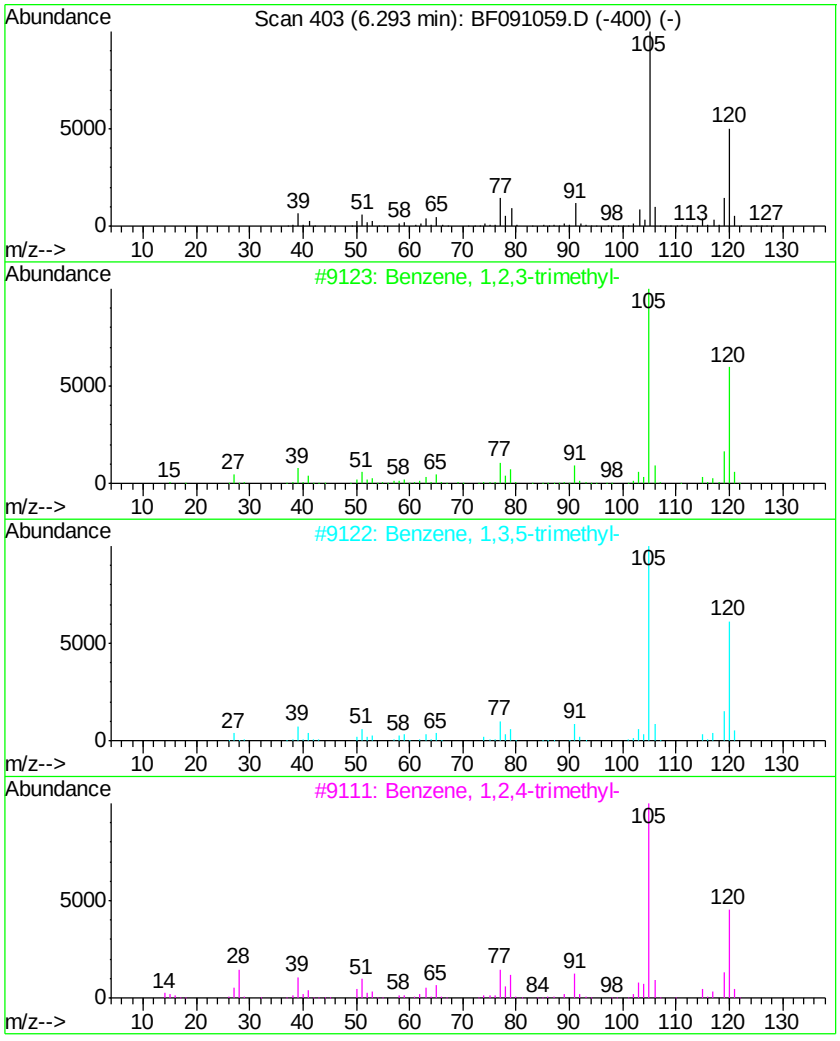
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

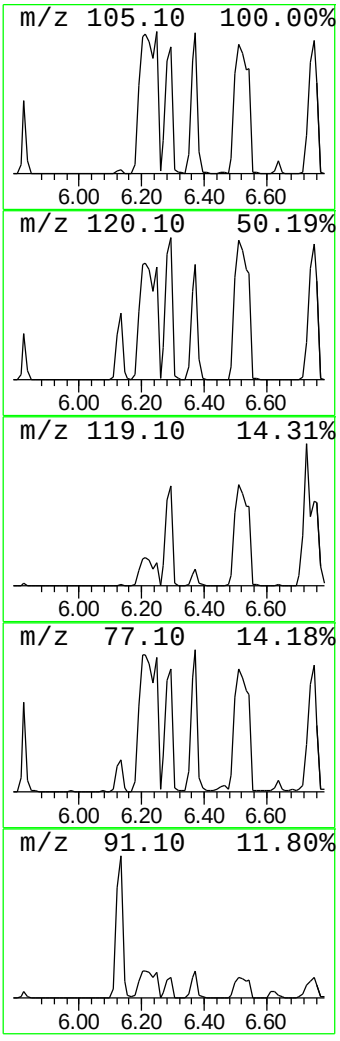
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	213.98 ng	10327900	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

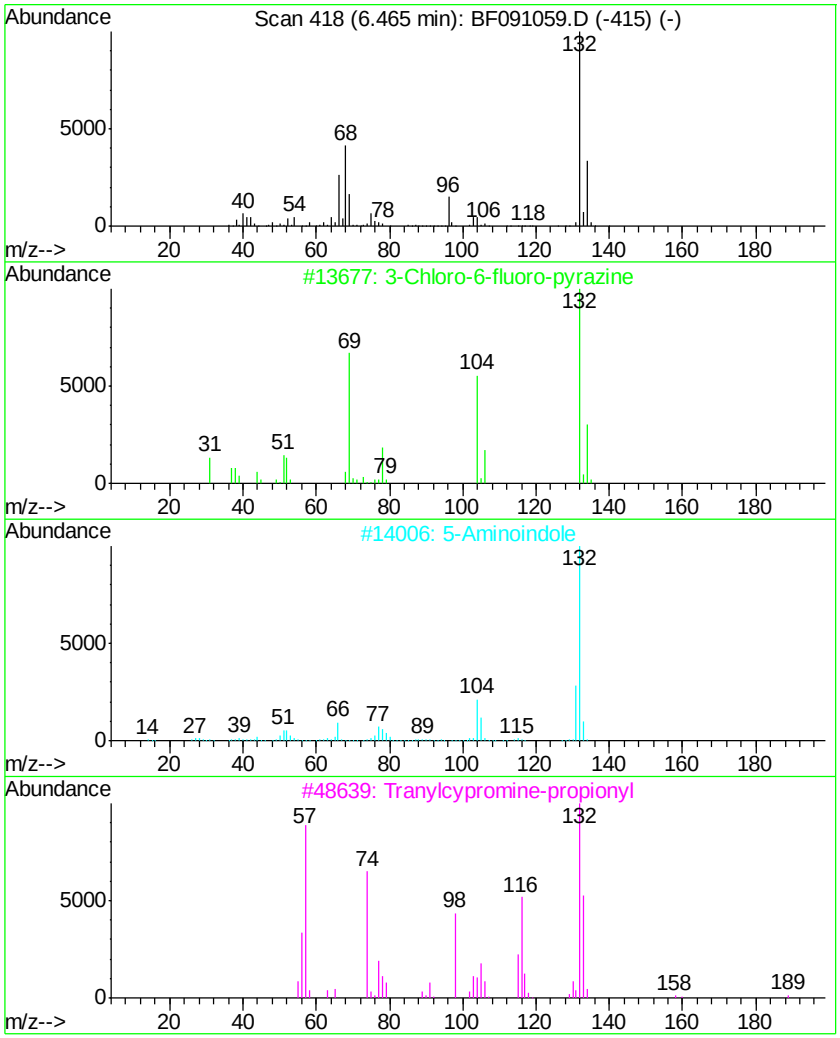
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

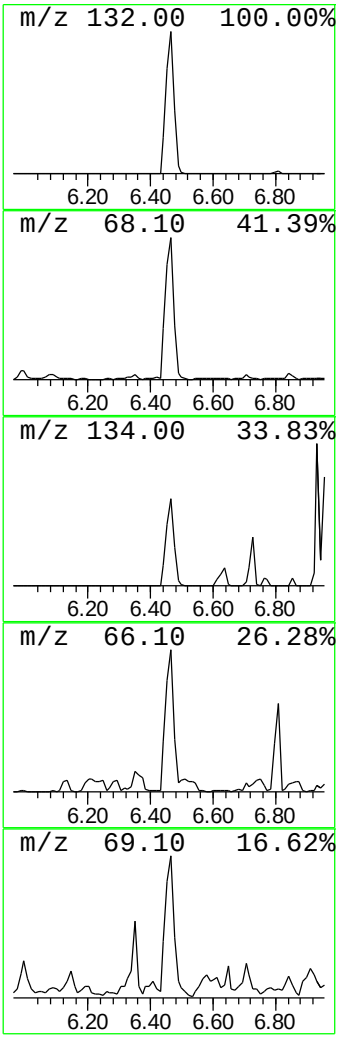
****

Peak Number 10 unknown6.46 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	89.34 ng	4312180	1,4-Dichlorobenzene-d4	6.68

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

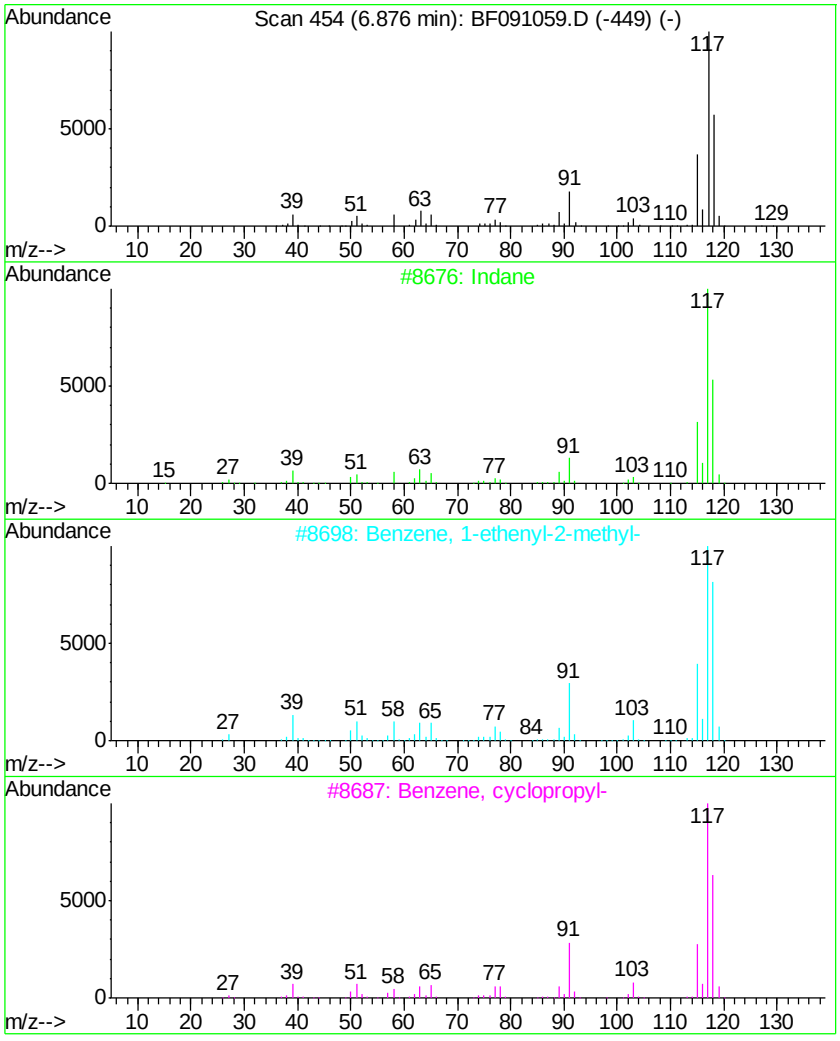
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

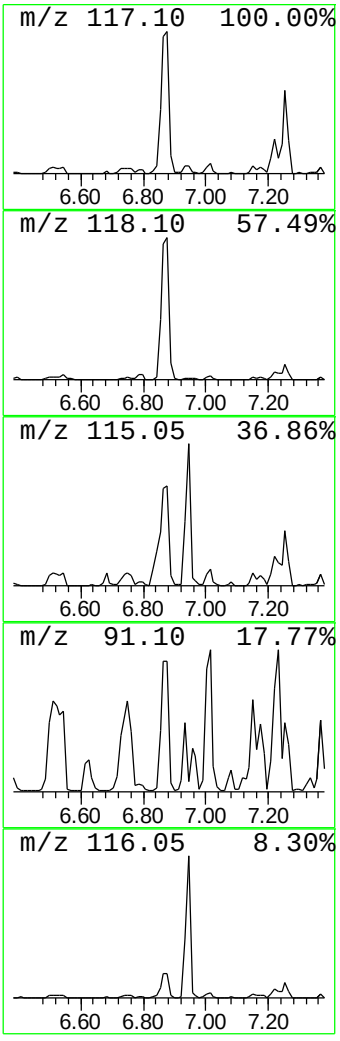
****

Peak Number 13 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	325.54 ng	15712700	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

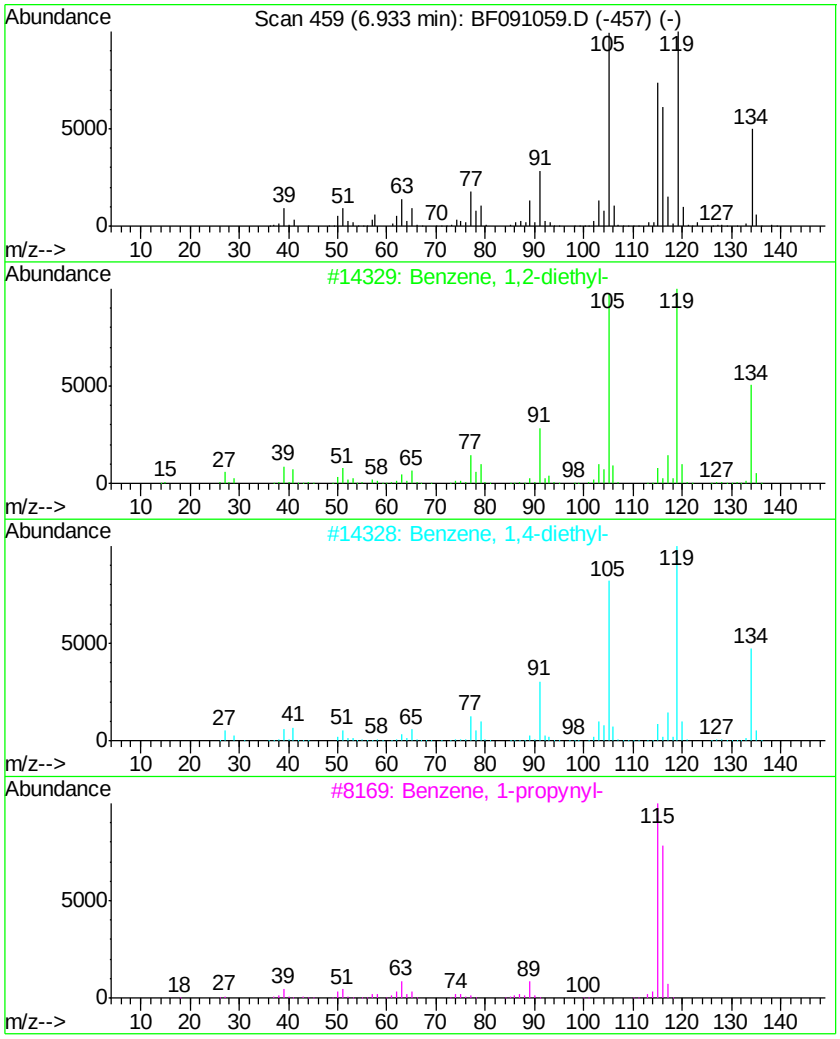
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

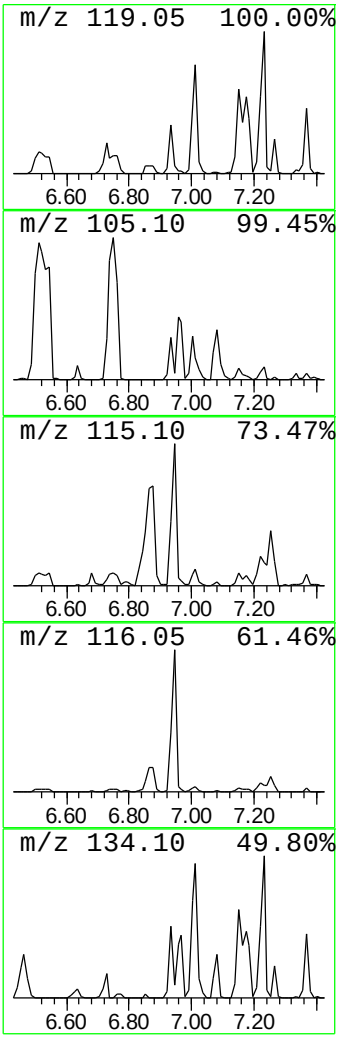
****

Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	209.70 ng	10121500	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	78
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

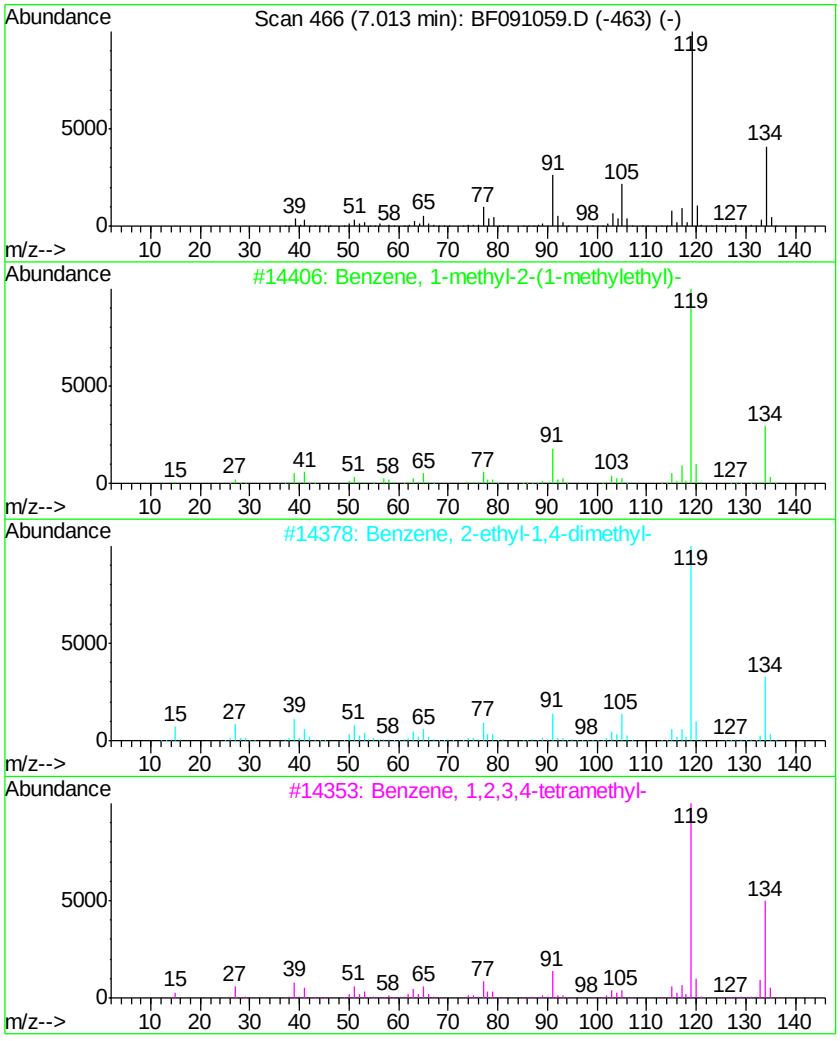
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

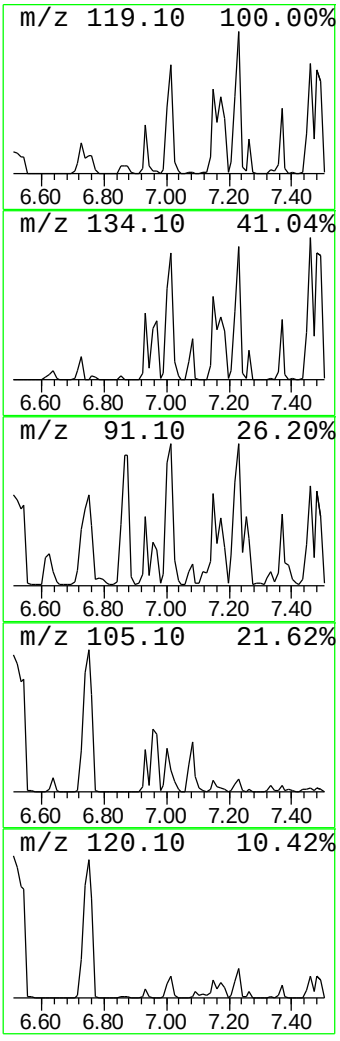
****

Peak Number 15 Benzene, 1-methyl-2-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	169.43 ng	8177920	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

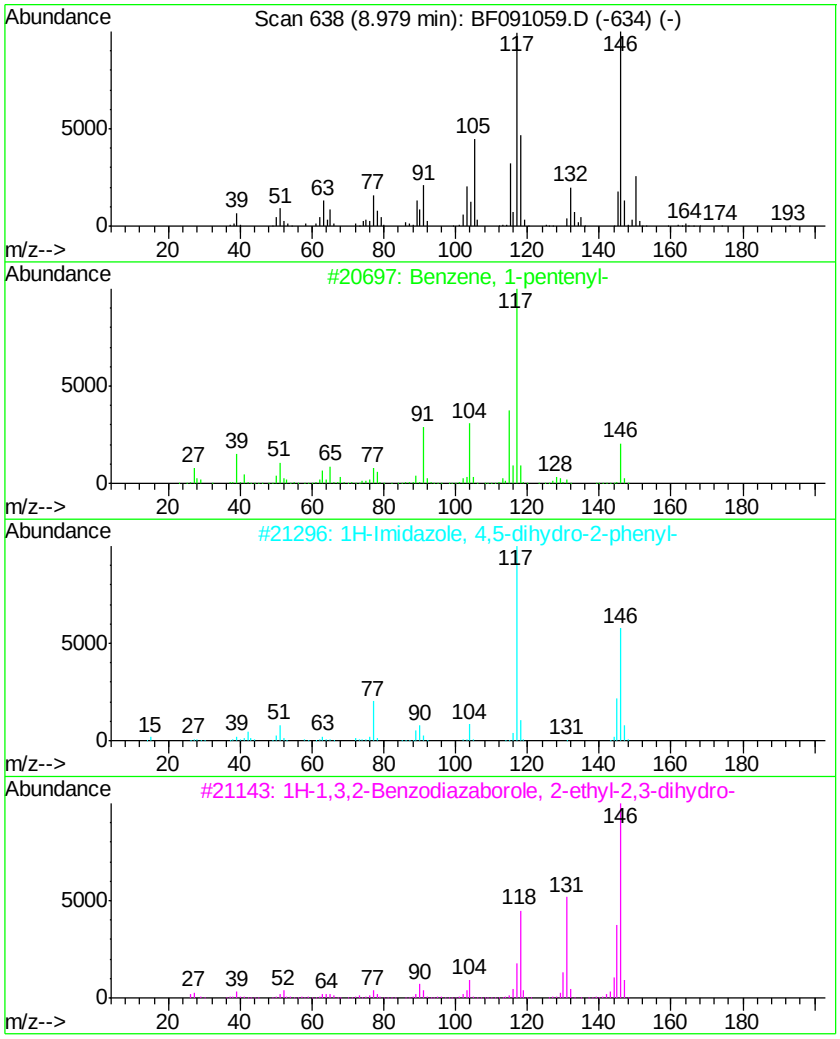
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

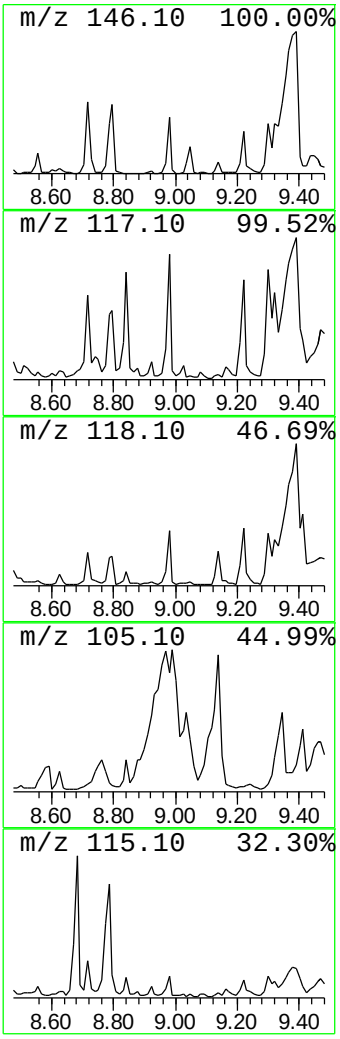
****

Peak Number 16 Benzene, 1-pentenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	63.32 ng	12245900	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
2	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	49
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	43
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

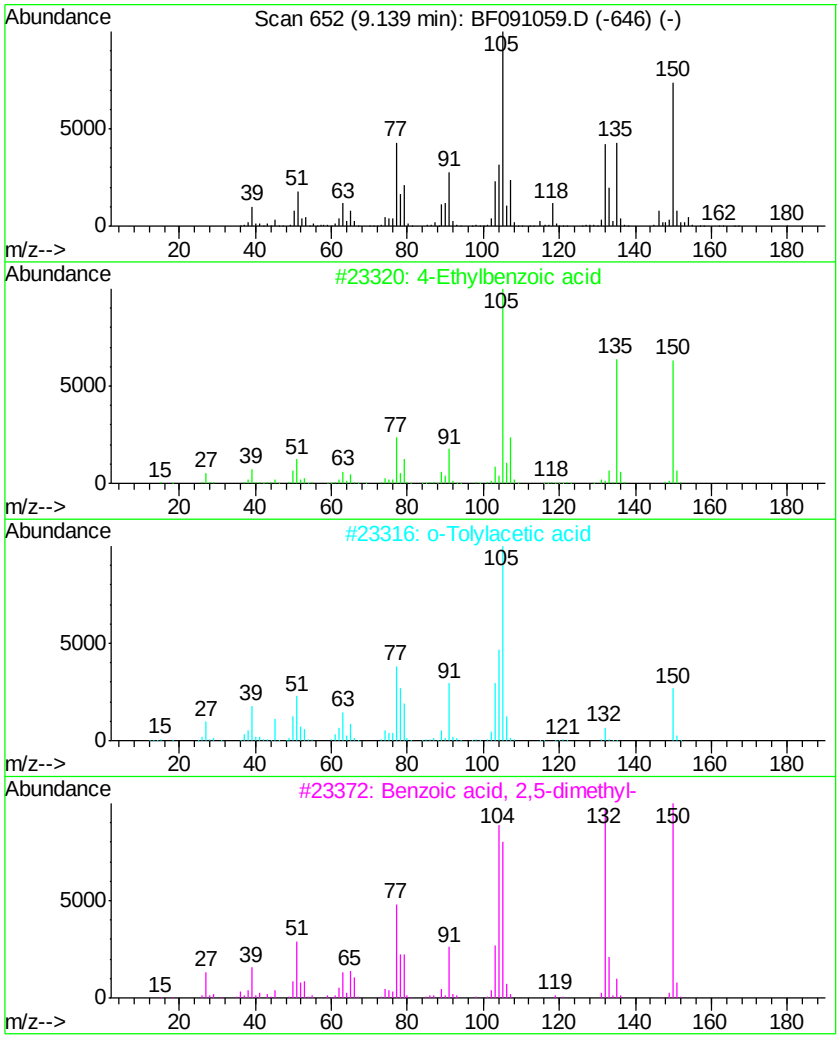
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

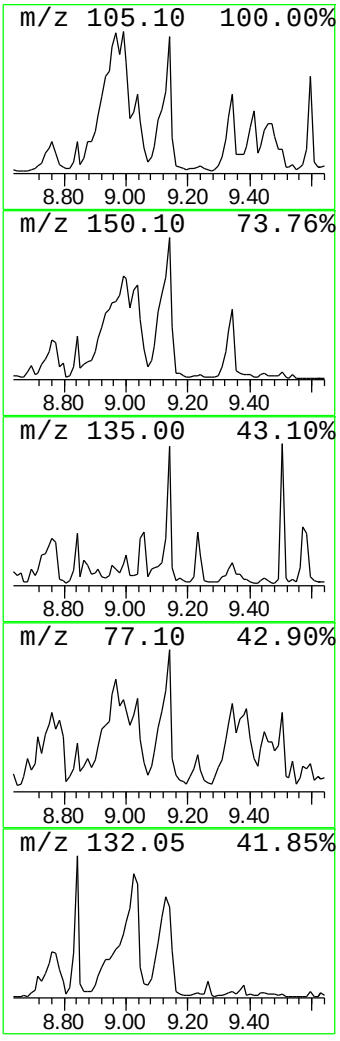
****

Peak Number 17 4-Ethylbenzoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	58.15 ng	11245800	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid	150	C9H10O2	000619-64-7	64
2	o-Tolylacetic acid	150	C9H10O2	000644-36-0	50
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	49
4	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	43
5	2-Methoxy-5-methylbenzaldehyde	150	C9H10O2	007083-19-4	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

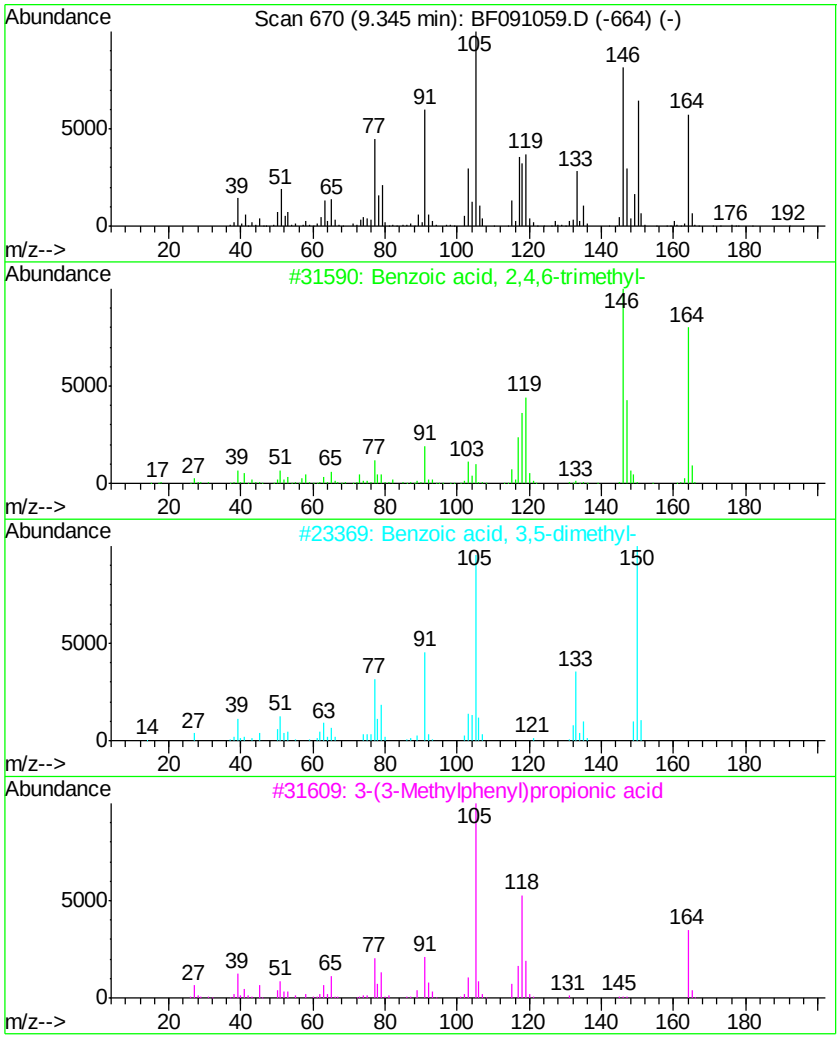
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

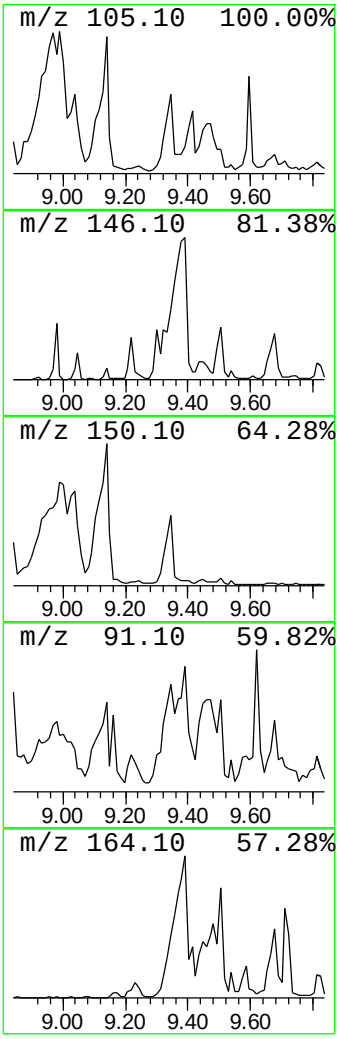
****

Peak Number 18 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	49.25 ng	9524660	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	60
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	52
3	3-(3-Methylphenyl)propionic acid	164	C10H12O2	003751-48-2	38
4	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	38
5	3-(2-Methylphenyl)propionic acid	164	C10H12O2	022084-89-5	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

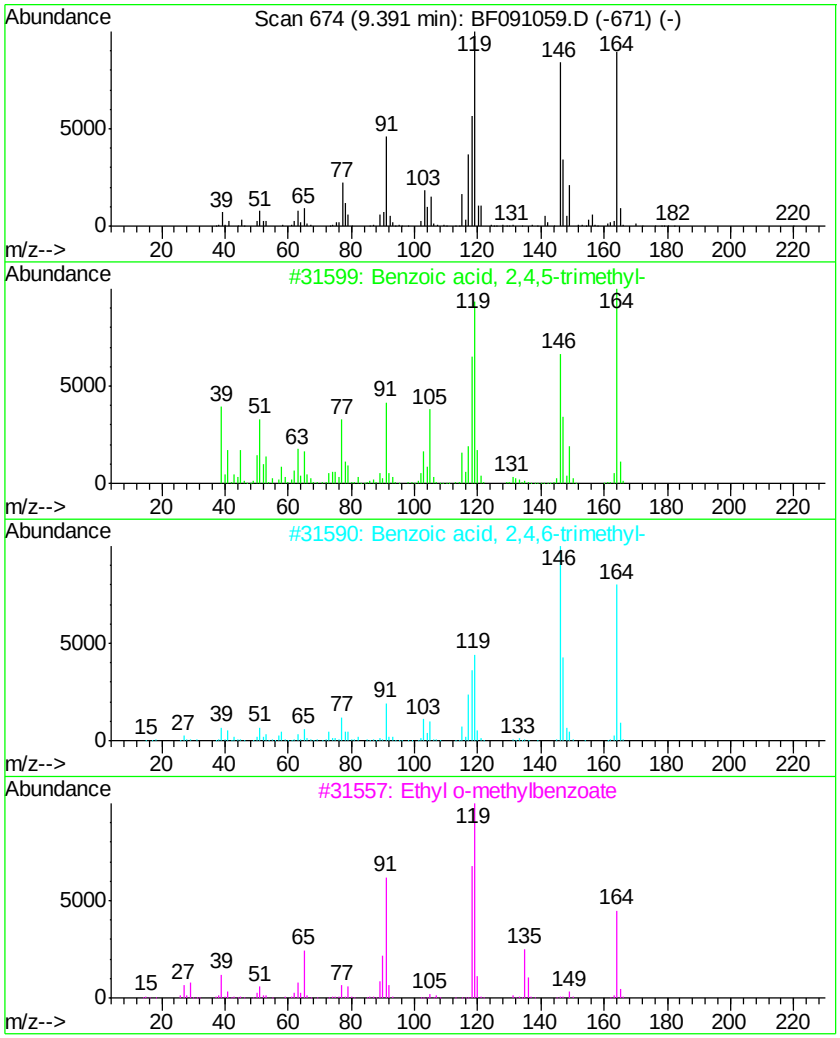
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

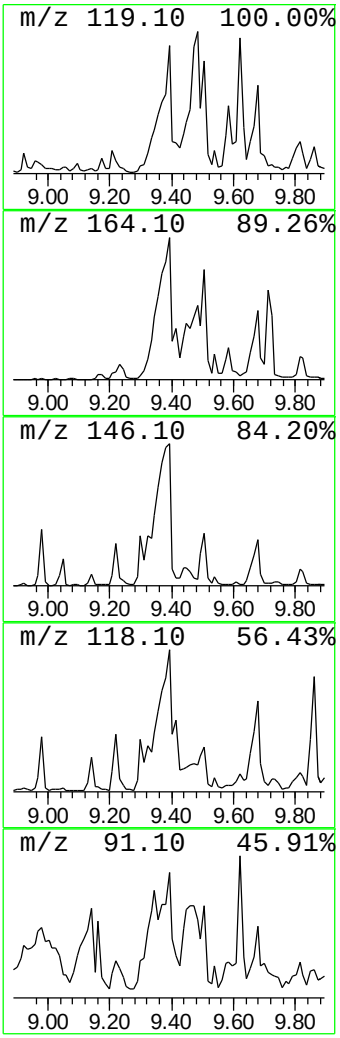
****

Peak Number 19 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	56.62 ng	10949400	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	93
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	58
3	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	49
4	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	43
5	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	41





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

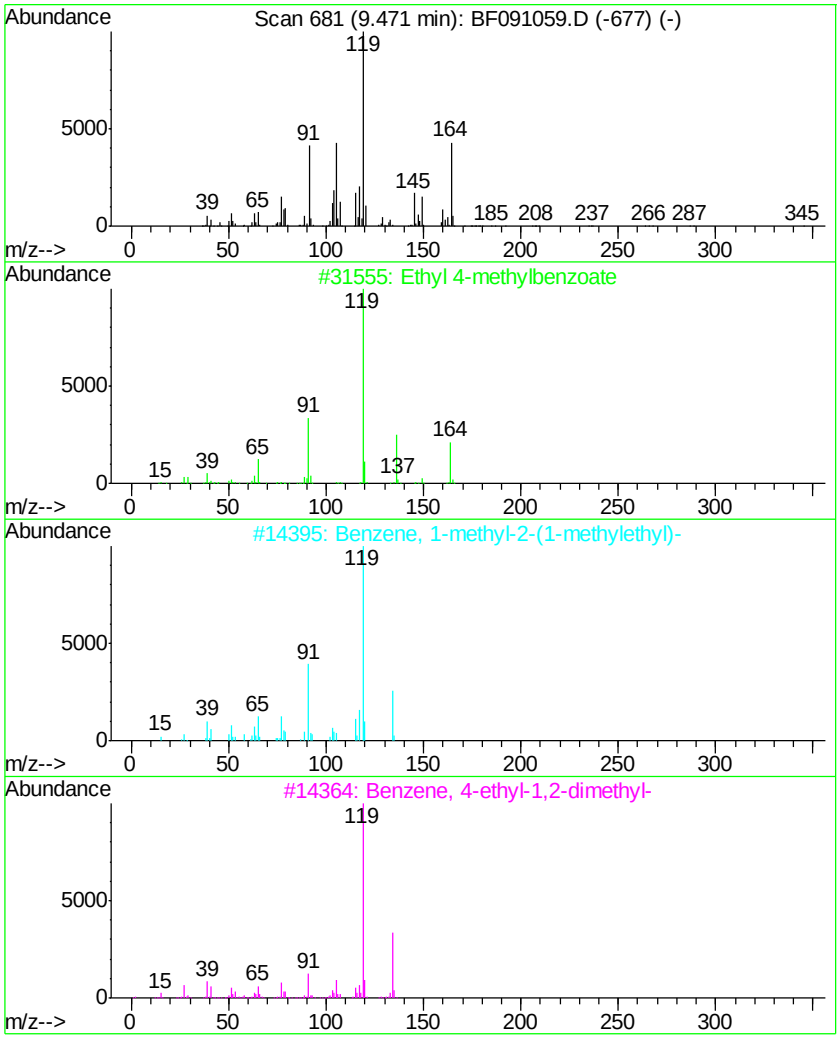
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

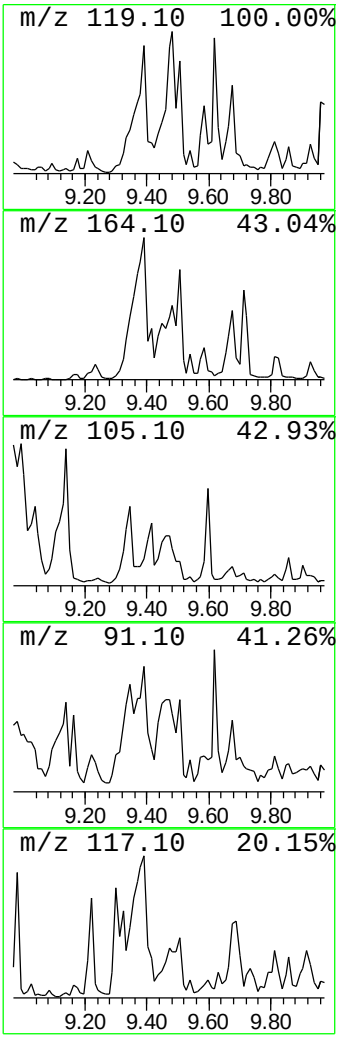
****

Peak Number 20 Ethyl 4-methylbenzoate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	44.76 ng	8655720	Acenaphthene-d10	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	50
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	47
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091059.D
Acq On : 7 Nov 2016 16:45
Operator : UM/SJ
Sample : H5536-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RMAB-MW08-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	5.82	67.9	ng	3278430	1	6.68	965335	20.0
Benzene, propyl-	6.13	116.0	ng	5600310	1	6.68	965335	20.0
Benzene, 1-ethyl-...	6.21	442.5	ng	21357100	1	6.68	965335	20.0
Benzene, 1-ethyl-...	6.25	95.9	ng	4627470	1	6.68	965335	20.0
Benzene, 1,2,3-tr...	6.29	214.0	ng	10327900	1	6.68	965335	20.0
unknown6.46	6.46	89.3	ng	4312180	1	6.68	965335	20.0
Indane	6.88	325.5	ng	15712700	1	6.68	965335	20.0
Benzene, 1,2-diet...	6.93	209.7	ng	10121500	1	6.68	965335	20.0
Benzene, 1-methyl...	7.01	169.4	ng	8177920	1	6.68	965335	20.0
Benzene, 1-pentenyl-	8.98	63.3	ng	12245900	3	9.71	3867710	20.0
4-Ethylbenzoic acid	9.14	58.1	ng	11245800	3	9.71	3867710	20.0
Benzoic acid, 2,4...	9.34	49.3	ng	9524660	3	9.71	3867710	20.0
Benzoic acid, 2,4...	9.39	56.6	ng	10949400	3	9.71	3867710	20.0
Ethyl 4-methylben...	9.47	44.8	ng	8655720	3	9.71	3867710	20.0