LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

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-BF032017.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	5.293	295	298	300	rBV	633586	886279	4.88%	0.478%
2	5.418	305	309	312	rBV2	1112582	2081429	11.46%	1.122%
3	5.658	327	330	333	rBV2	679830	1077494	5.93%	0.581%
4	6.367	389	392	393	rVV	611900	646517	3.56%	0.349%
5	6.436	396	398	402	rVV2	670146	1306875	7.20%	0.705%
6	6.596	410	412	416	rVB	703030	605413	3.33%	0.326%
7	6.664	416	418	421	rBV	2381190	2280341	12.56%	1.230%
8	6.836	431	433	435	rBV	1542940	1328576	7.32%	0.716%
9	6.904	437	439	441	rVB	559255	723677	3.98%	0.390%
10	6.996	444	447	448	rBV	470237	581284	3.20%	0.313%
11	7.019	448	449	452	rVB	2342396	2109150	11.61%	1.137%
12	7.099	454	456	460	rBV2	625313	804474	4.43%	0.434%
13	7.167	460	462	463	rBV	544852	460008	2.53%	0.248%
14	7.339	473	477	479	rBV2	197624	448241	2.47%	0.242%
15	7.384	479	481	486	rVB3	518846	793282	4.37%	0.428%
16	7.647	502	504	506	rVB	495839	584699	3.22%	0.315%
17	7.796	510	517	521	rVB4	204919	525394	2.89%	0.283%
18	7.864	521	523	525	rBV3	726942	1083126	5.96%	0.584%
19	7.910	525	527	529	rVB2	370281	457460	2.52%	0.247%
20	8.070	538	541	544	rBV2	366568	672534	3.70%	0.363%
21	8.162	544	549	551	rBV2	8007421	18160685	100.00%	9.792%
22	8.196	551	552	556	rVB	1587361	1535012	8.45%	0.828%
23	8.596	585	587	593	rVB3	256128	823552	4.53%	0.444%
24	8.790	600	604	605	rBV	634424	618688	3.41%	0.334%
25	8.847	605	609	611	rVB	7549191	10512458	57.89%	5.668%
26	8.893	611	613	614	rBV	1243462	1269307	6.99%	0.684%
27	8.950	614	618	619	rVB	6192469	9561988	52.65%	5.156%
28	9.202	638	640	642	rVB	667957	746201	4.11%	0.402%
29	9.293	646	648	650	rBV	1720169	2328900	12.82%	1.256%
30	9.396	652	657	660	rVB2	1163668	2017178	11.11%	1.088%
31	9.464	660	663	665	rBV	3395874	4901748	26.99%	2.643%
32	9.545	667	670	671	rBV	3639459	5508764	30.33%	2.970%
33	9.602	674	675	677	rVB2	363925	398342	2.19%	0.215%
34	9.647	677	679	683	rBV	1433669	2774604	15.28%	1.496%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

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-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.739	684	687	689	rBV	1853563	2182855	12.02%	1.177%
36	9.876	696	699	700	rBV2	2008578	2877768	15.85%	1.552%
37	9.910	700	702	706	rVB	1187334	1620942	8.93%	0.874%
38	9.979	706	708	710	rBV	631950	745614	4.11%	0.402%
39	10.082	713	717	718	rBV2	1423031	2172782	11.96%	1.172%
40	10.116	718	720	722	rBV	1222955	1062130	5.85%	0.573%
41	10.196	724	727	728	rBV2	886484	1238599	6.82%	0.668%
42	10.219	728	729	731	rVB	928286	657532	3.62%	0.355%
43	10.299	731	736	739	rBV3	609100	1712545	9.43%	0.923%
44	10.379	739	743	745	rBV3	372404	812399	4.47%	0.438%
45	10.425	745	747	749	rBV	3559238	3927569	21.63%	2.118%
46	10.482	750	752	755	rBV2	429534	723667	3.98%	0.390%
47	10.539	755	757	759	rBV3	369655	487070	2.68%	0.263%
48	10.573	759	760	763	rVB2	751131	798915	4.40%	0.431%
49	10.653	765	767	769	rVB3	867302	1049552	5.78%	0.566%
50	10.790	776	779	784	rBV4	627680	1300273	7.16%	0.701%
51	10.962	790	794	795	rBV	1010079	1578377	8.69%	0.851%
52	10.996	795	797	800	rVB3	674821	900723	4.96%	0.486%
53	11.042	800	801	803	rVB2	418760	551676	3.04%	0.297%
54	11.110	803	807	810	rBV5	302915	1045496	5.76%	0.564%
55	11.248	817	819	820	rBV	2084347	2099841	11.56%	1.132%
56	11.385	826	831	833	rBV2	6014631	10237139	56.37%	5.520%
57	11.430	833	835	837	rVV	3287356	2964232	16.32%	1.598%
58	11.465	837	838	841	rVV2	382912	624156	3.44%	0.337%
59	11.659	853	855	856	rVV2	517774	808042	4.45%	0.436%
60	11.682	856	857	859	rVB2	944406	801064	4.41%	0.432%
61	11.762	862	864	866	rVB	757380	948886	5.22%	0.512%
62	11.853	870	872	873	rVV	1908855	1946721	10.72%	1.050%
63	11.888	873	875	877	rVB	2366095	2495535	13.74%	1.346%
64	11.933	877	879	880	rBV	875814	962815	5.30%	0.519%
65	11.968	880	882	886	rBV2	3057339	4473903	24.64%	2.412%
66	12.070	890	891	894	rBV2	379055	554307	3.05%	0.299%
67	12.150	894	898	899	rBV	1444276	1633704	9.00%	0.881%
68	12.333	912	914	915	rVV	372596	407620	2.24%	0.220%
69	12.413	918	921	922	rBV	915409	1277368	7.03%	0.689%
70	12.448	922	924	927	rVV2	742918	1315646	7.24%	0.709%
71	12.505	927	929	933	rVV3	390591	935688	5.15%	0.505%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

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-BF032017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.585	933	936	937	rVV	4392868	5592063	30.79%	3.015%
73	12.608	937	938	941	rVV3	294630	676726	3.73%	0.365%
74	12.653	941	942	944	rVV	507607	714361	3.93%	0.385%
75	12.711	945	947	951	rVV3	402645	871465	4.80%	0.470%
76	12.802	951	955	957	rVV	4472852	6945102	38.24%	3.745%
77	12.848	957	959	961	rVV2	267217	450362	2.48%	0.243%
78	12.928	965	966	970	rVV2	507538	904216	4.98%	0.488%
79	13.008	970	973	976	rVV3	625308	1068798	5.89%	0.576%
80	13.111	979	982	984	rVV	961573	1861769	10.25%	1.004%
81	13.179	986	988	990	rVV	1182222	1211668	6.67%	0.653%
82	13.213	990	991	993	rVV	734468	943953	5.20%	0.509%
83	13.305	997	999	1001	rVV	556126	698266	3.84%	0.377%
84	13.339	1001	1002	1004	rVB	743811	598094	3.29%	0.322%
85	13.728	1033	1036	1037	rBV2	537572	659579	3.63%	0.356%
86	13.762	1037	1039	1042	rVB2	368450	793906	4.37%	0.428%
87	13.979	1054	1058	1059	rBV2	2401605	4088871	22.51%	2.205%
88	14.002	1059	1060	1063	rVB	1755325	2008327	11.06%	1.083%
89	14.116	1068	1070	1073	rVV2	522288	793098	4.37%	0.428%
90	14.368	1089	1092	1093	rVV	434421	731917	4.03%	0.395%
91	14.459	1096	1100	1101	rVV3	315545	623095	3.43%	0.336%
92	14.505	1103	1104	1106	rVV2	479775	447538	2.46%	0.241%
93	14.996	1144	1147	1151	rBV	1262684	2965281	16.33%	1.599%
94	15.088	1153	1155	1157	rVB	461418	476684	2.62%	0.257%
95	15.271	1169	1171	1174	rVV	935243	1069917	5.89%	0.577%
96	15.328	1174	1176	1179	rVB	1384020	1805447	9.94%	0.974%
97	15.385	1179	1181	1187	rBV2	834934	1521569	8.38%	0.820%
98	16.745	1297	1300	1304	rVB2	515769	1008334	5.55%	0.544%
99	17.157	1332	1336	1344	rVB	423792	891474	4.91%	0.481%
100	19.237	1512	1518	1526	rVB	112522	488781	2.69%	0.264%

Sum of corrected areas: 185457492

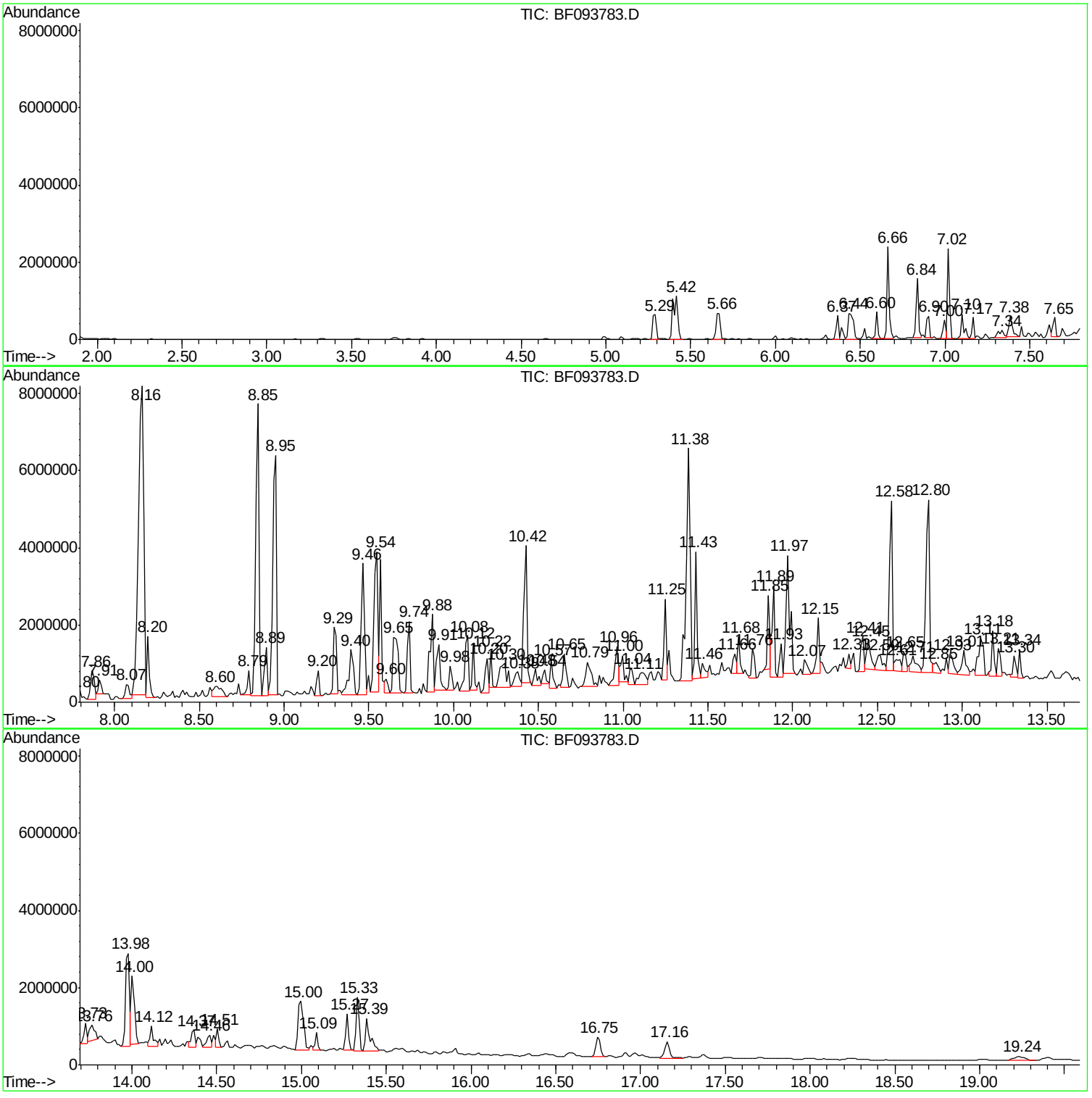
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

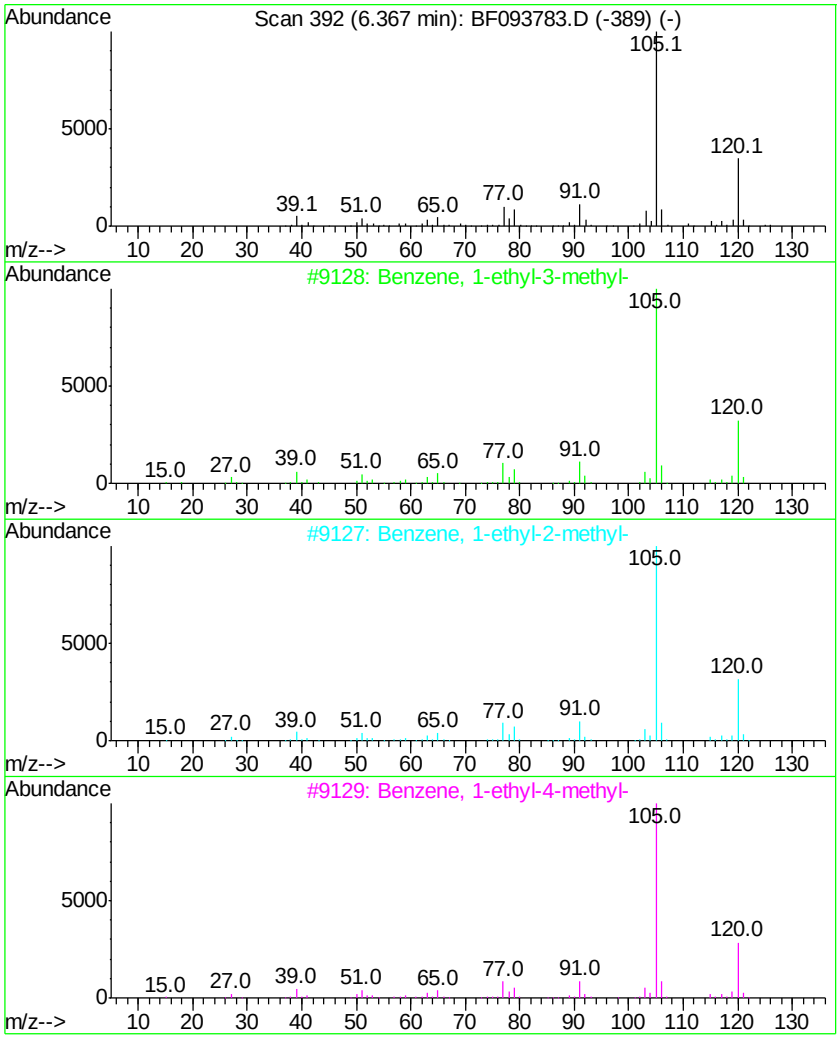
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

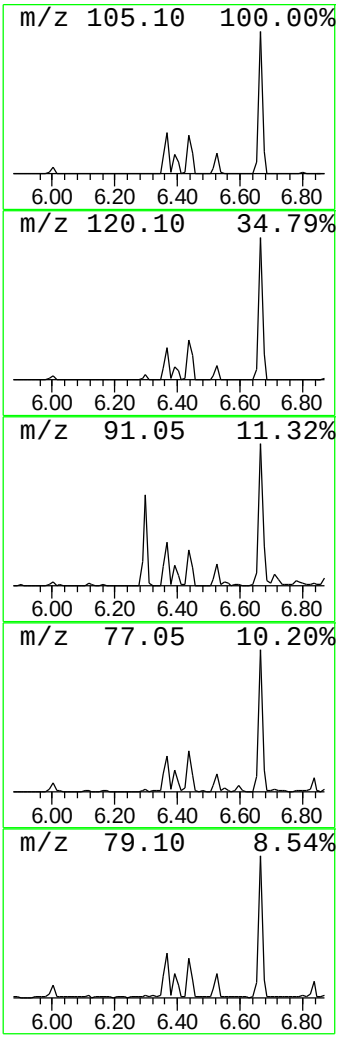
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	9.73 ng	646517	1,4-Dichlorobenzene-d4	6.84

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

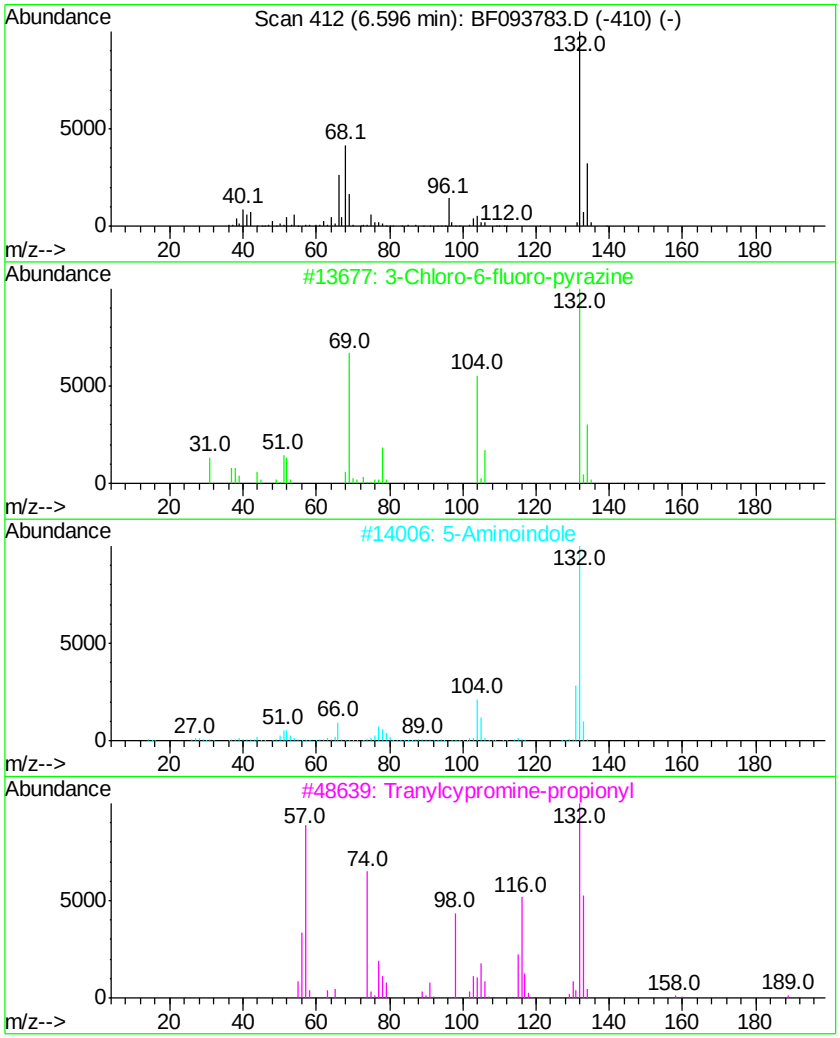
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

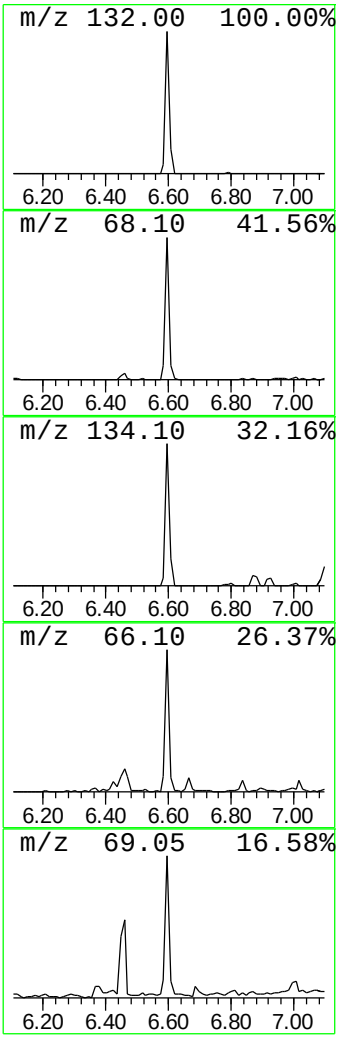
****

Peak Number 4 unknown6.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	9.11 ng	605413	1,4-Dichlorobenzene-d4	6.84

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	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

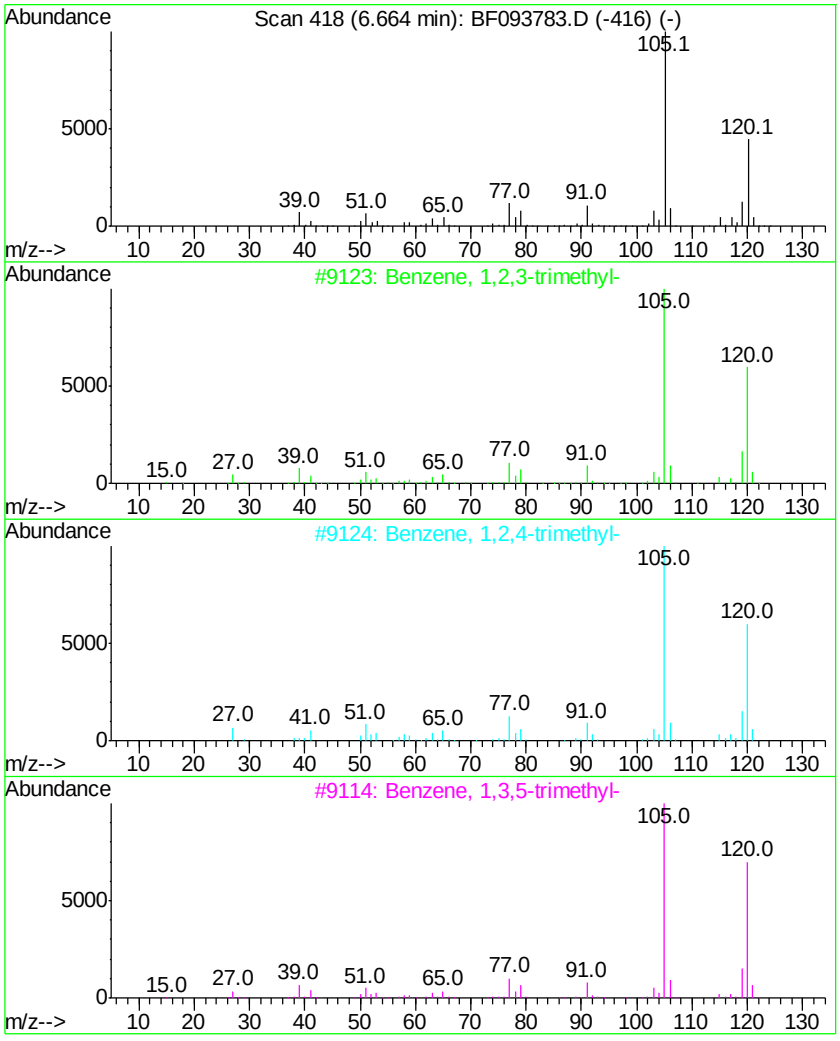
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

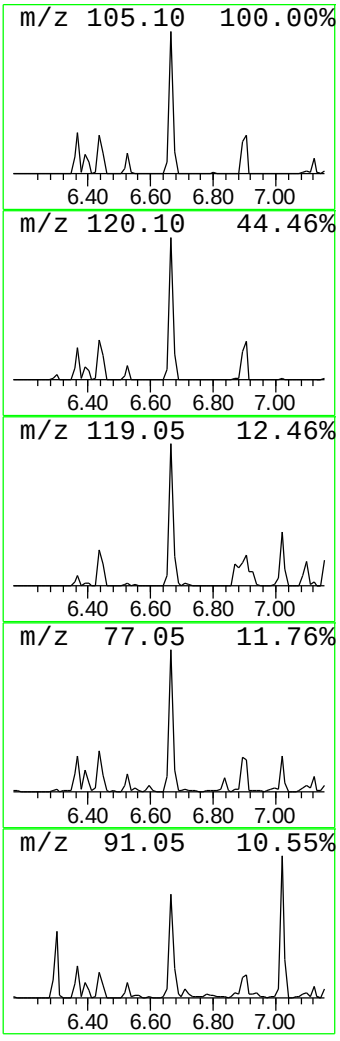
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	34.33 ng	2280340	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

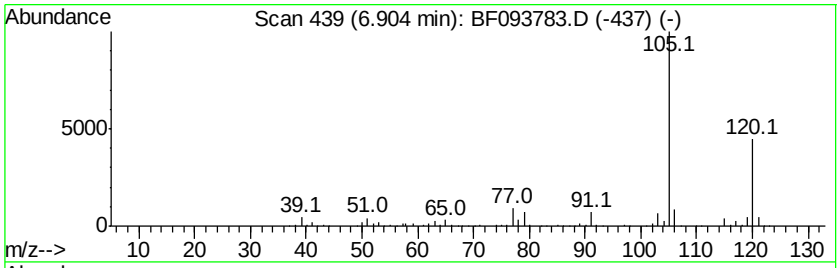
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

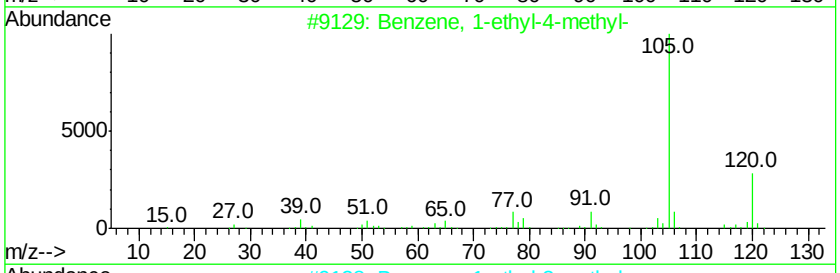
****

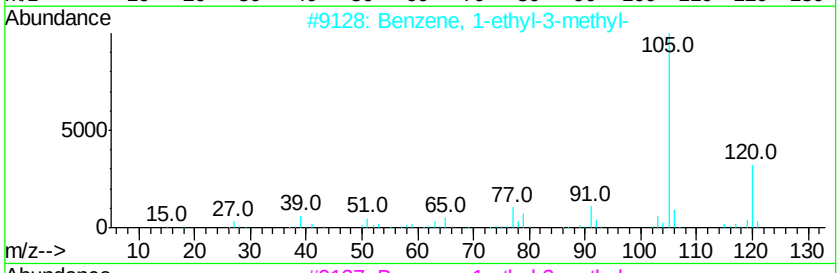
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

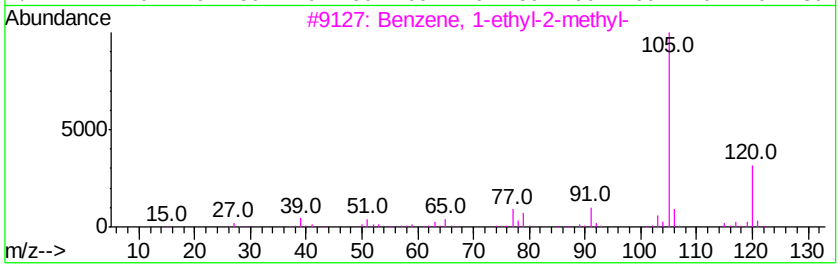
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	10.89 ng	723677	1,4-Dichlorobenzene-d4	6.84

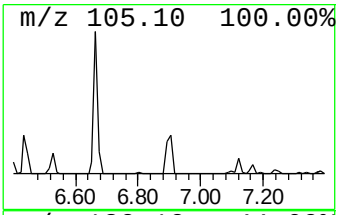
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8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

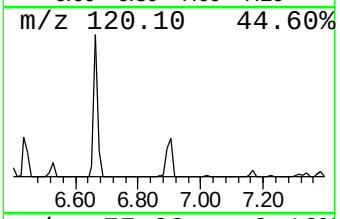


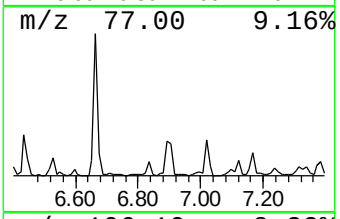


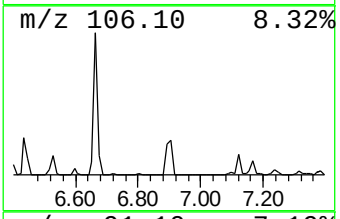


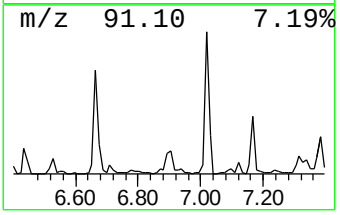












Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

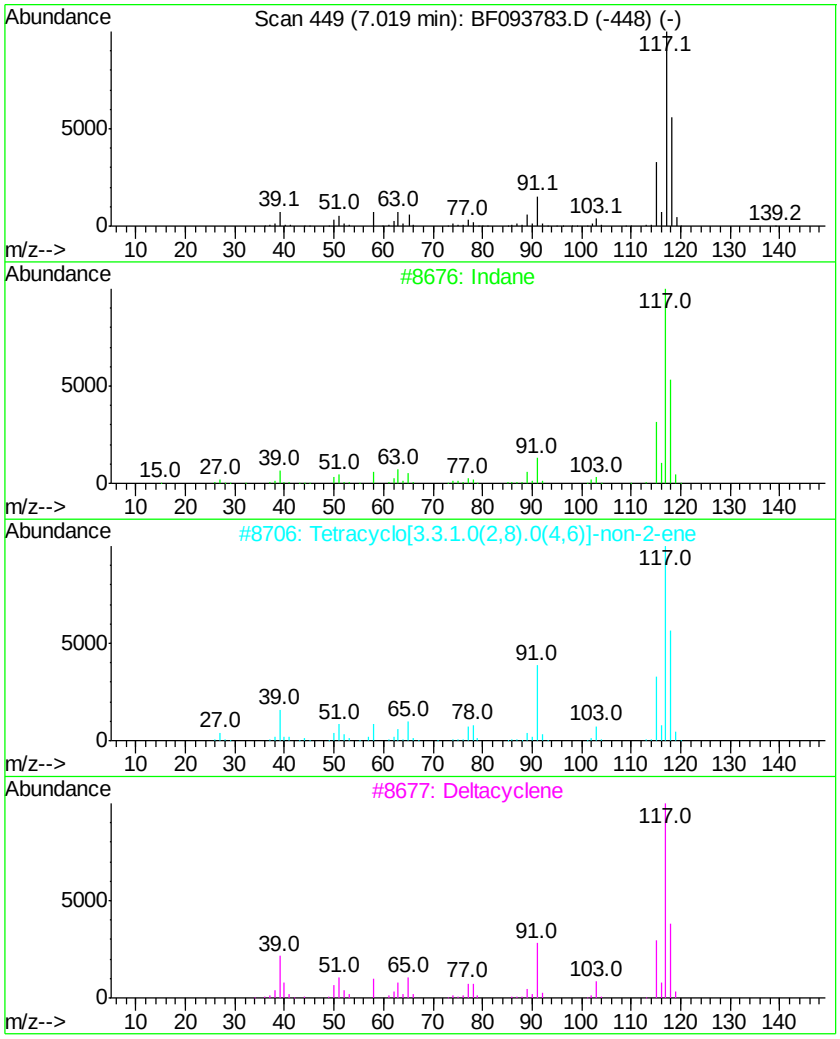
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

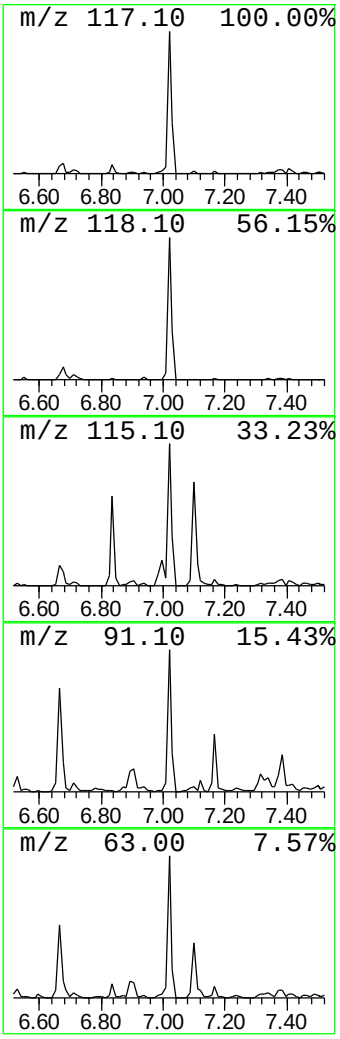
****

Peak Number 8 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	31.75 ng	2109150	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

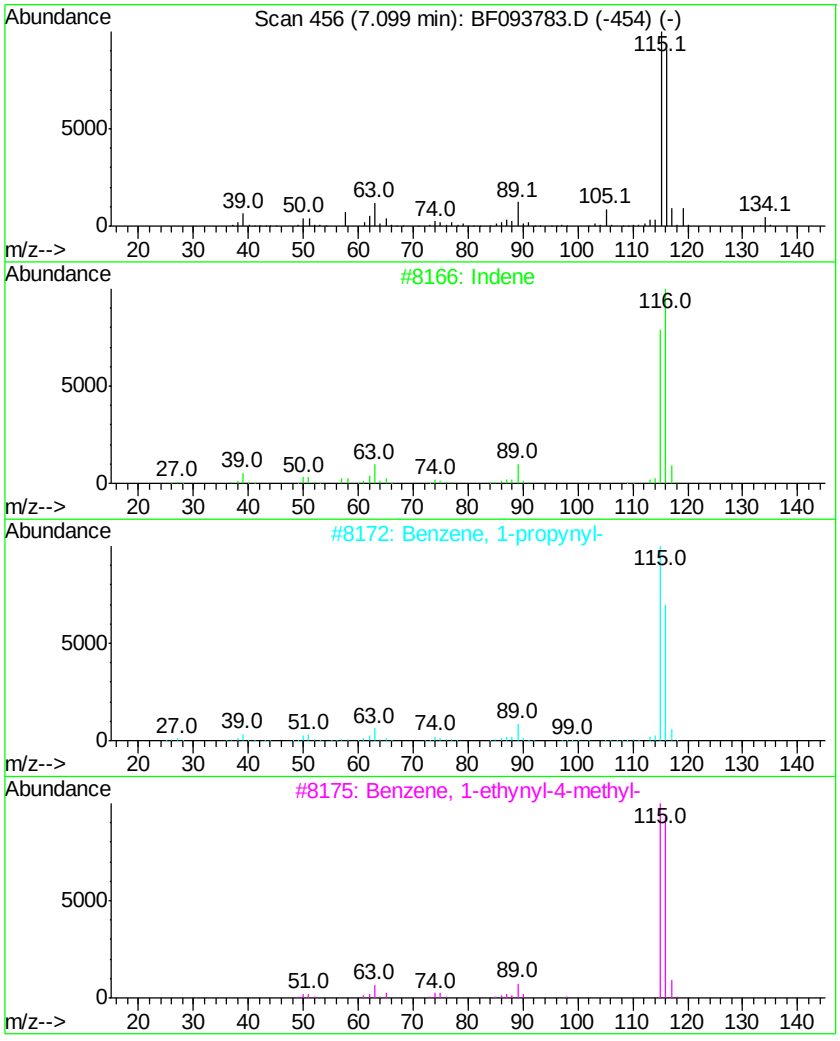
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

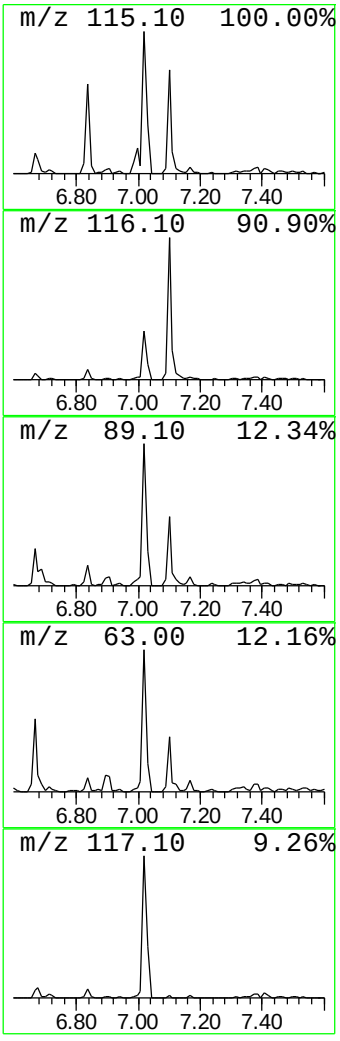
****

Peak Number 9 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	12.11 ng	804474	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	87
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

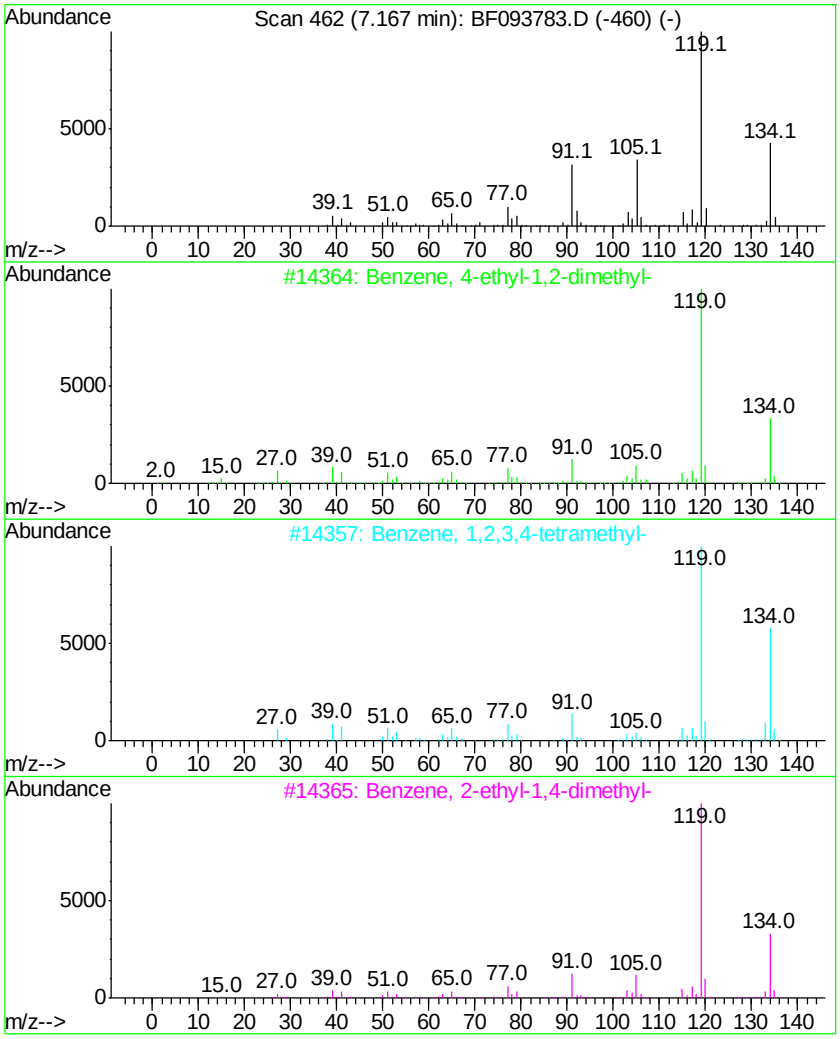
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

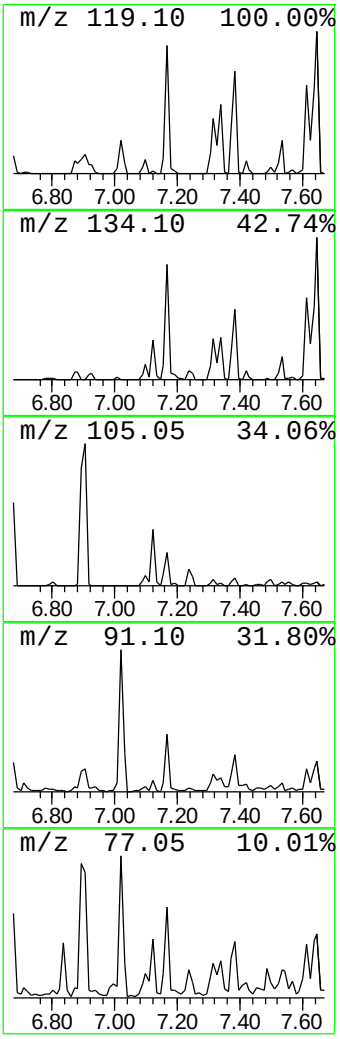
****

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	6.92 ng	460008	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

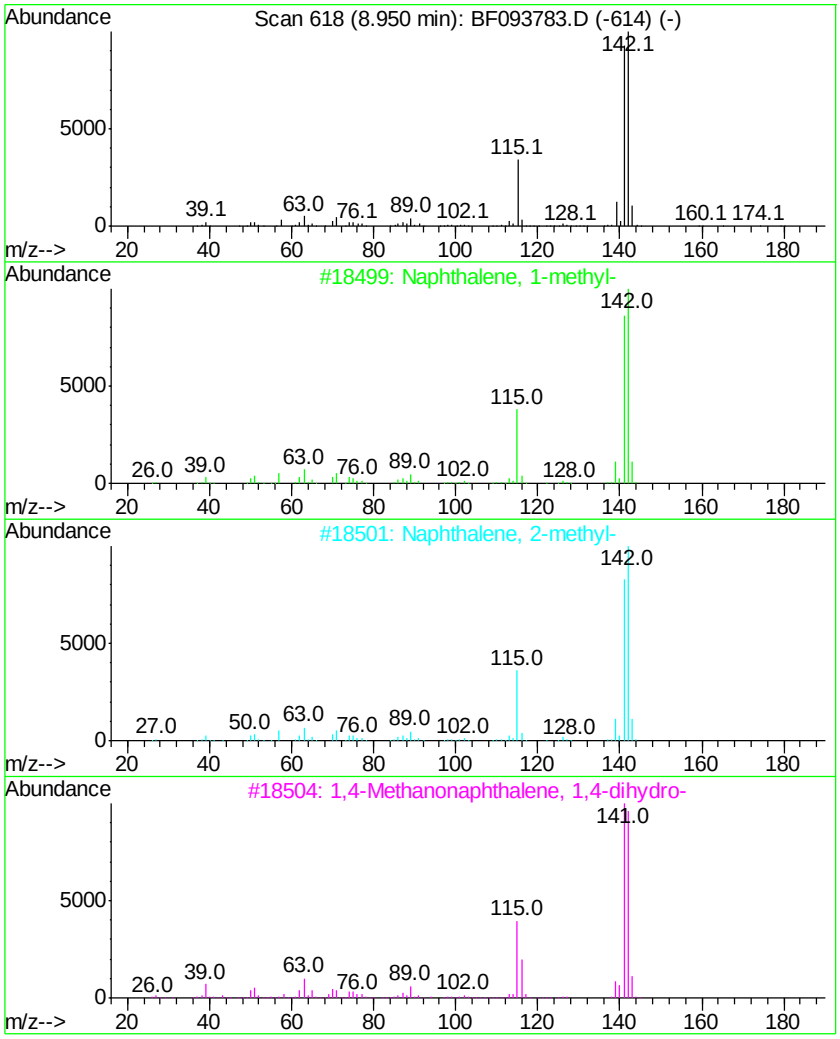
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

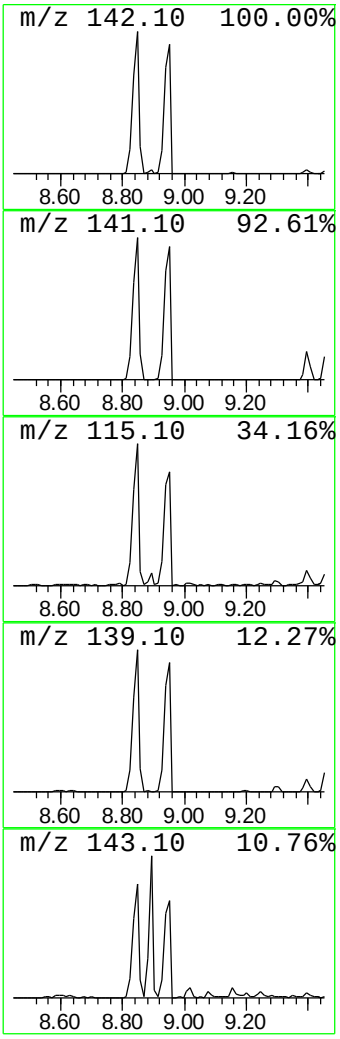
****

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	10.53 ng	9561990	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
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	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

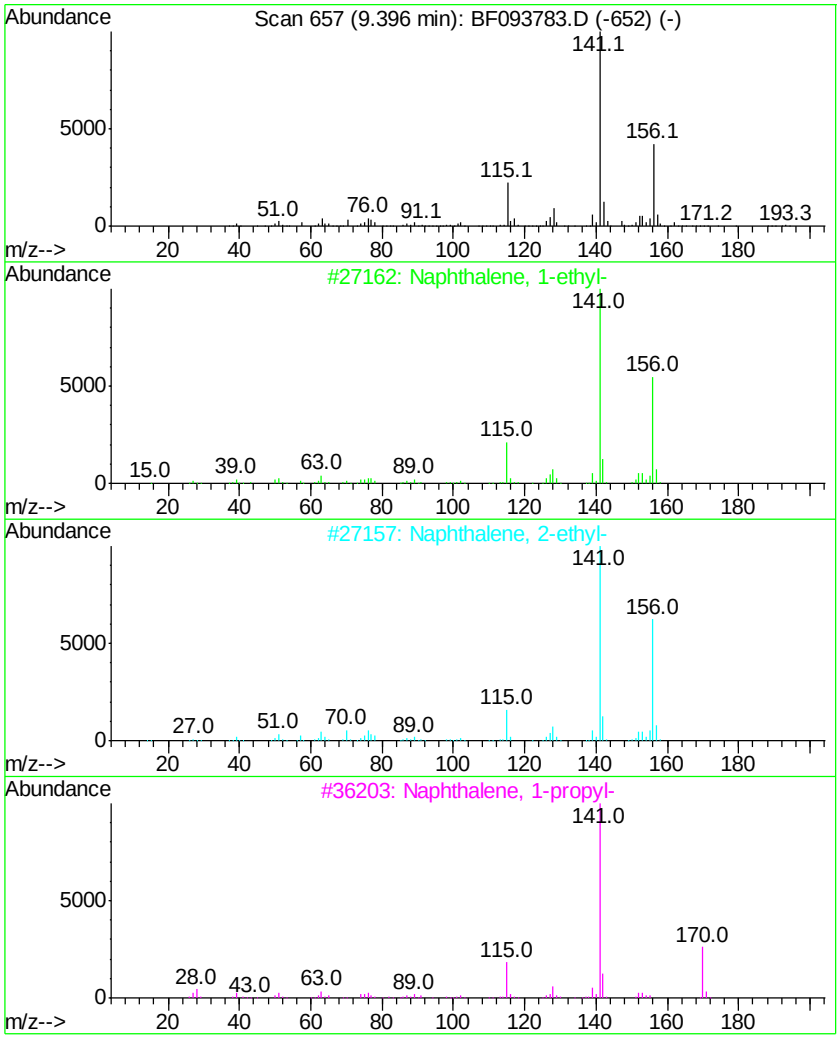
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

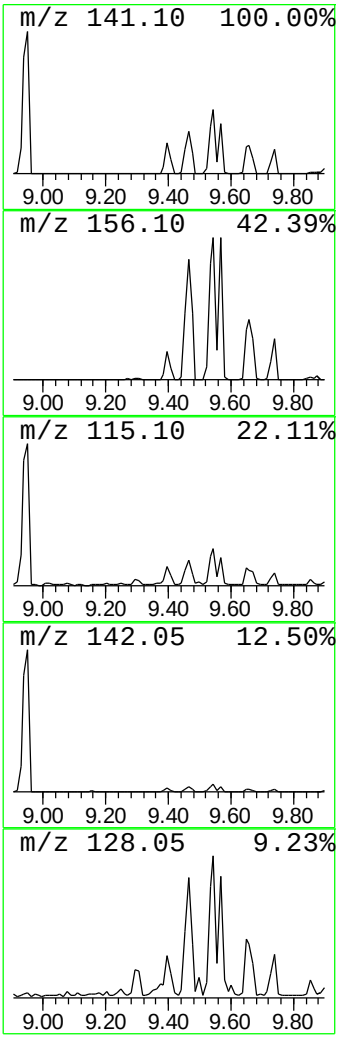
****

Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	14.02 ng	2017180	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
4	Naphthalene, 2-butyl-	184	C14H16	001134-62-9	53
5	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

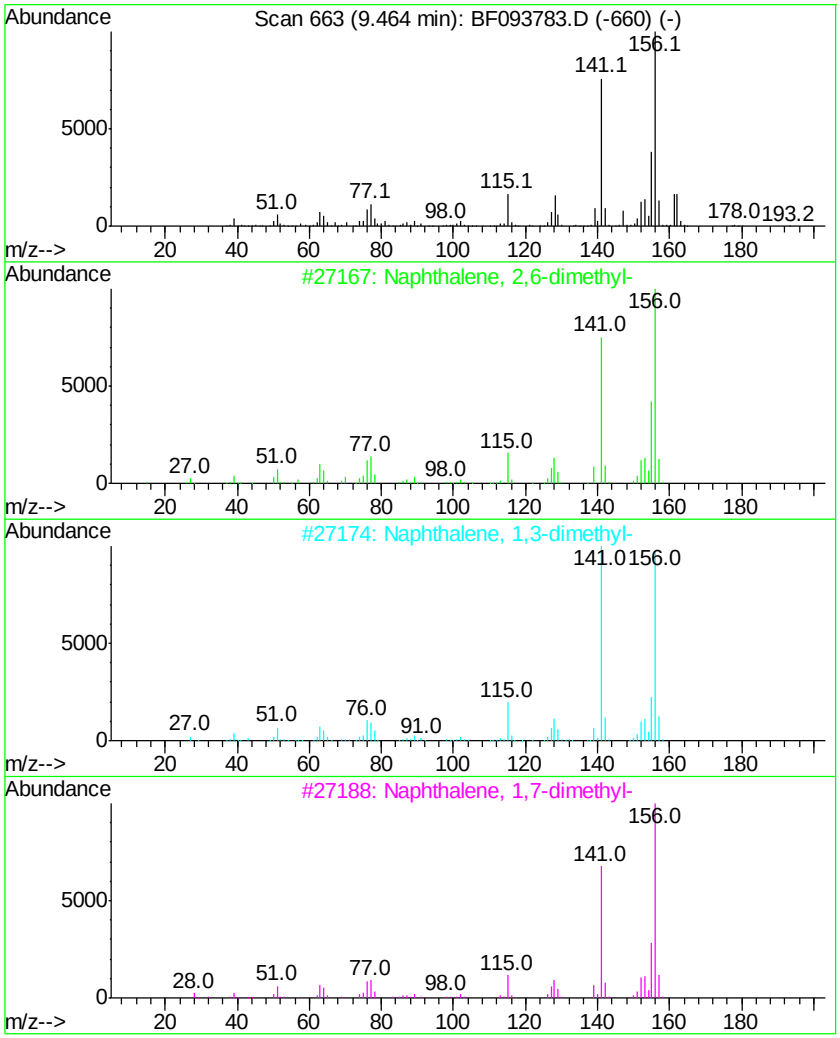
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

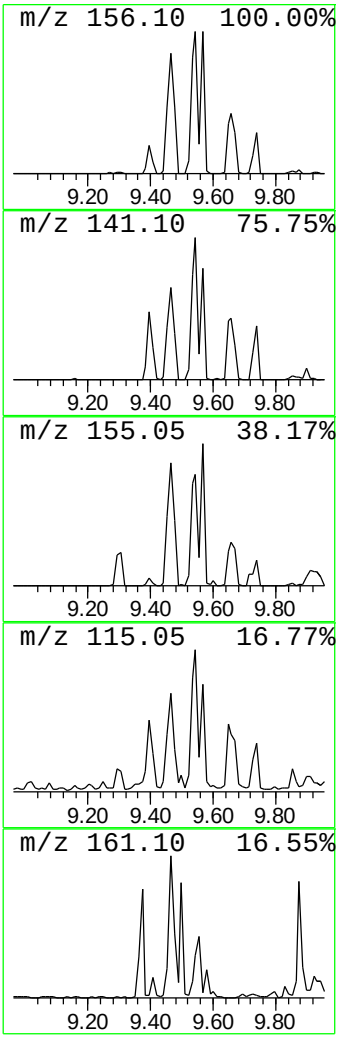
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	34.07 ng	4901750	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

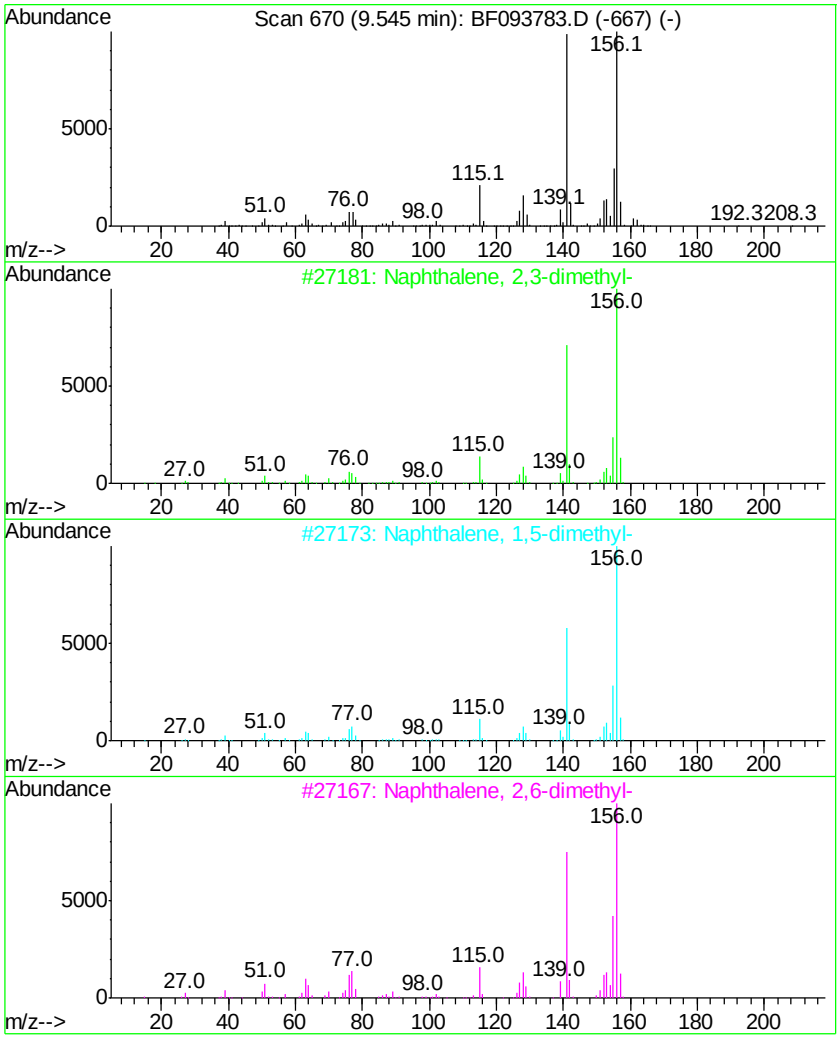
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

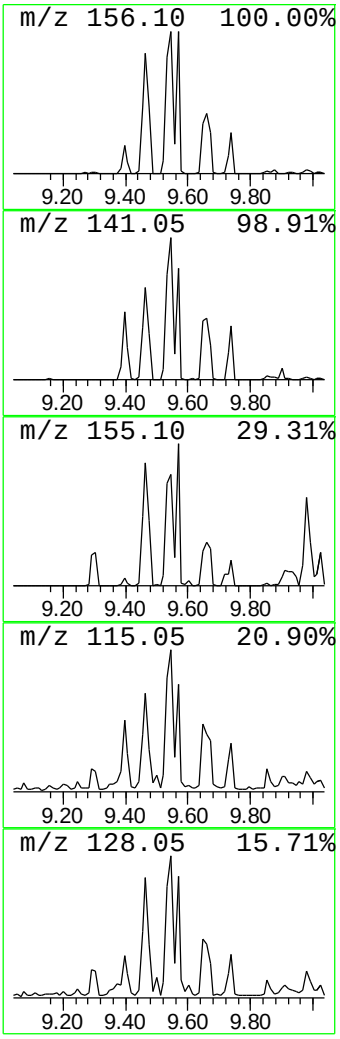
****

Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	38.29 ng	5508760	Acenaphthene-d10	9.88

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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

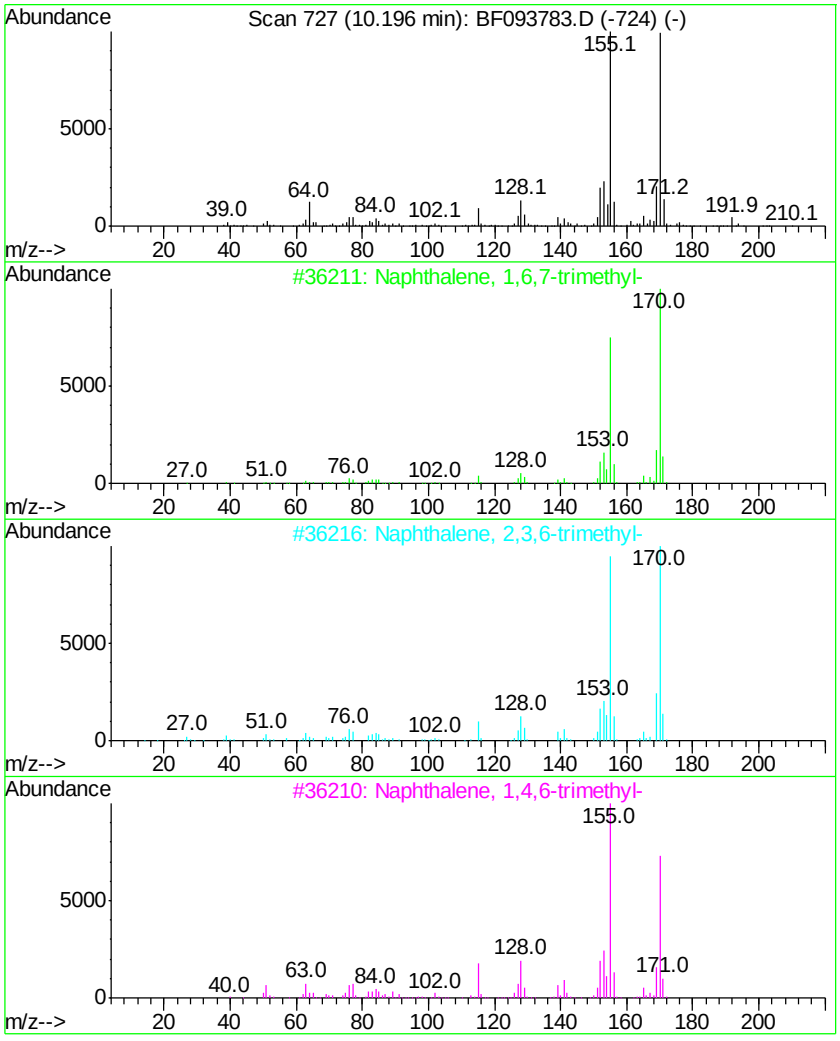
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

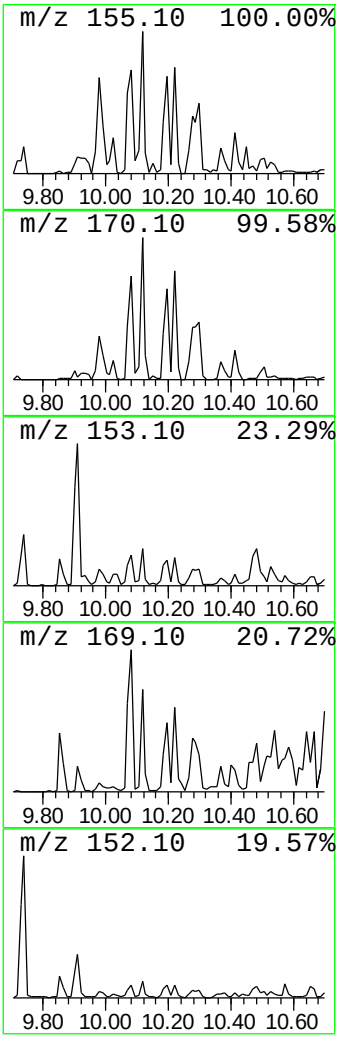
****

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	8.61 ng	1238600	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

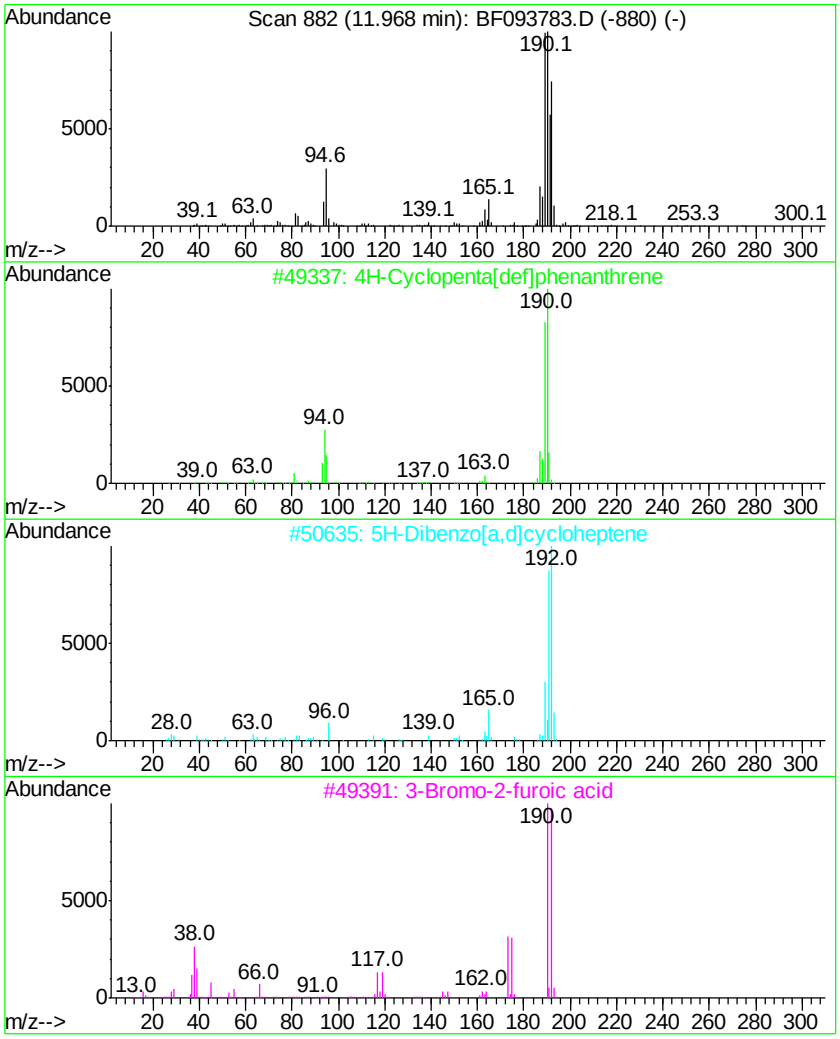
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

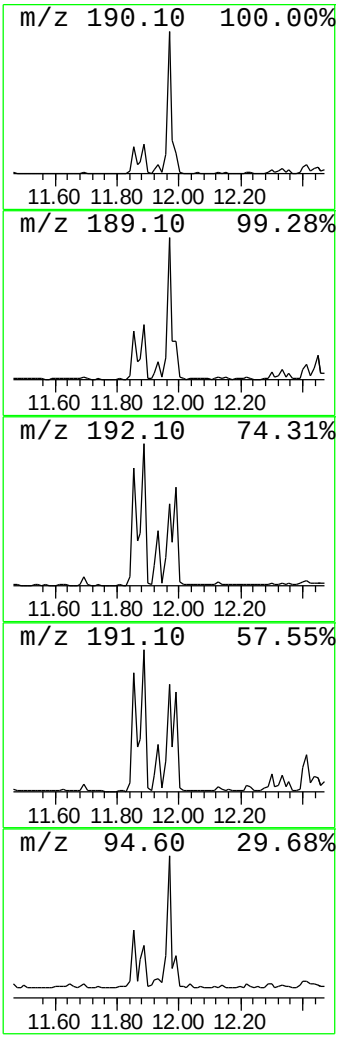
****

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.74 ng	4473900	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	35
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

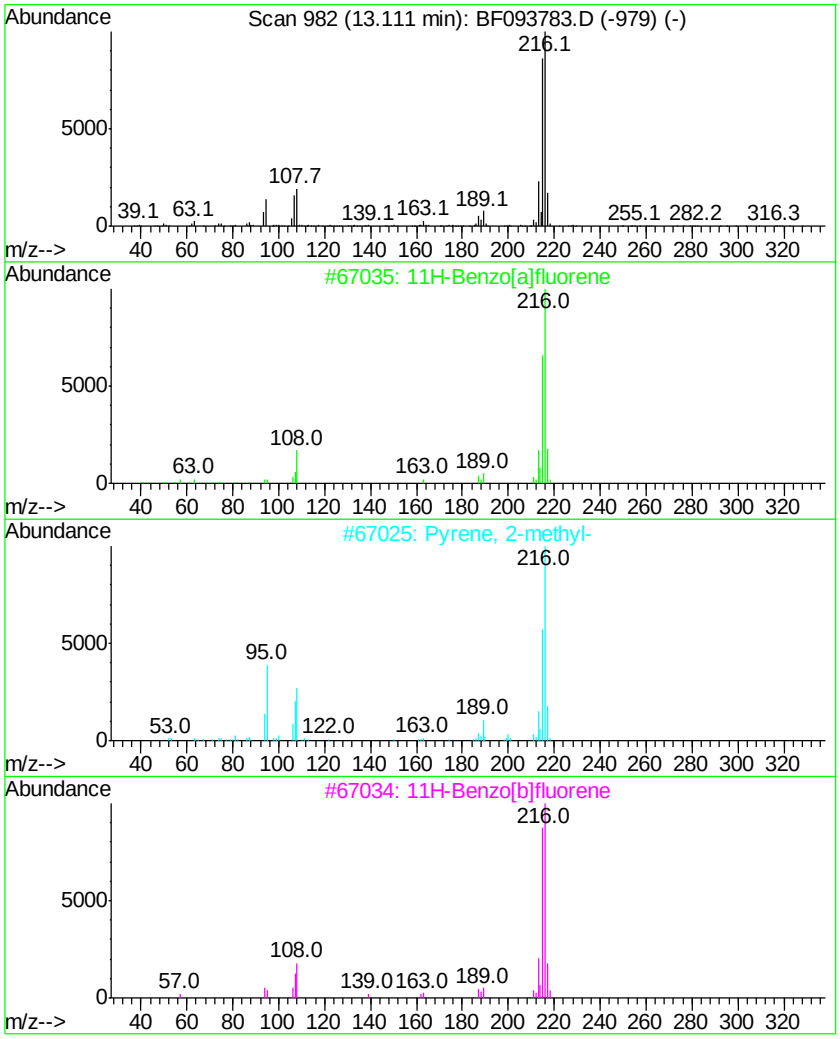
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

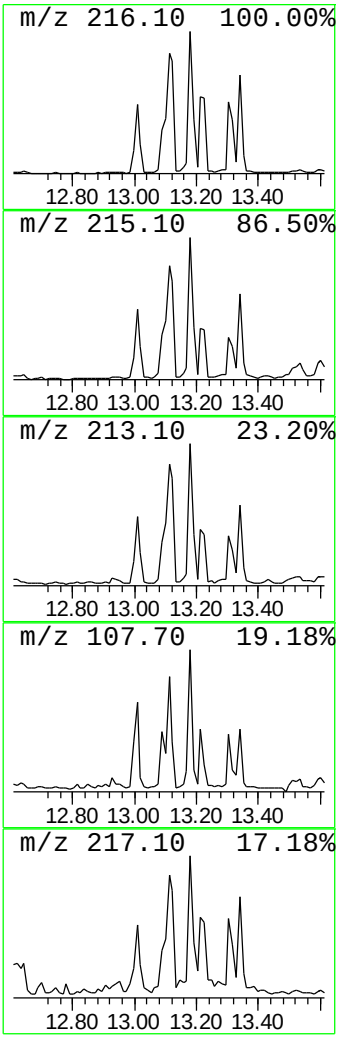
****

Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	9.11 ng	1861770	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032017\
Data File : BF093783.D
Acq On : 21 Mar 2017 00:00
Operator : SJ/MA
Sample : I2318-07 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	6.37	9.7	ng	646517	1	6.84	1328580	20.0
unknown6.60	6.60	9.1	ng	605413	1	6.84	1328580	20.0
Benzene, 1,2,3-tr...	6.66	34.3	ng	2280340	1	6.84	1328580	20.0
Benzene, 1-ethyl-...	6.90	10.9	ng	723677	1	6.84	1328580	20.0
Indane	7.02	31.8	ng	2109150	1	6.84	1328580	20.0
Indene	7.10	12.1	ng	804474	1	6.84	1328580	20.0
Benzene, 4-ethyl-...	7.17	6.9	ng	460008	1	6.84	1328580	20.0
Naphthalene, 1-me...	8.95	10.5	ng	9561990	2	8.13	18160700	20.0
Naphthalene, 1-et...	9.40	14.0	ng	2017180	3	9.88	2877770	20.0
Naphthalene, 2,6-...	9.46	34.1	ng	4901750	3	9.88	2877770	20.0
Naphthalene, 2,3-...	9.54	38.3	ng	5508760	3	9.88	2877770	20.0
Naphthalene, 1,6,...	10.20	8.6	ng	1238600	3	9.88	2877770	20.0
4H-Cyclopenta[def...	11.97	8.7	ng	4473900	4	11.35	10237100	20.0
11H-Benzo[a]fluorene	13.11	9.1	ng	1861770	5	13.98	4088870	20.0