LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

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-BF042219.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	3.957	310	318	327	rVB	675257	905406	38.13%	2.206%
2	5.375	555	559	564	rBV	326175	312393	13.16%	0.761%
3	5.481	573	577	582	rBV	976653	1592018	67.05%	3.879%
4	5.528	582	585	592	rVB2	734377	1460898	61.53%	3.560%
5	5.745	618	622	625	rBV	1211299	1182155	49.79%	2.881%
6	5.804	629	632	637	rVB	108470	97577	4.11%	0.238%
7	6.351	723	725	728	rVB	216491	174100	7.33%	0.424%
8	6.422	734	737	739	rBV	954831	851588	35.87%	2.075%
9	6.451	739	742	746	rVB	476673	411786	17.34%	1.003%
10	6.492	746	749	752	rVB	572544	495829	20.88%	1.208%
11	6.534	752	756	761	rBV2	1005433	1404400	59.15%	3.422%
12	6.581	761	764	770	rVB	518620	442317	18.63%	1.078%
13	6.669	774	779	782	rBV	2090761	1975658	83.21%	4.814%
14	6.722	784	788	794	rVB	1717664	1672242	70.43%	4.075%
15	6.892	813	817	819	rBV	465380	442706	18.65%	1.079%
16	6.951	824	827	830	rBV	772154	630350	26.55%	1.536%
17	7.045	840	843	846	rBV	1775402	1625087	68.44%	3.960%
18	7.069	846	847	851	rVB	404738	313367	13.20%	0.764%
19	7.145	856	860	862	rBV2	1173649	1055579	44.46%	2.572%
20	7.169	862	864	867	rVV	393268	312170	13.15%	0.761%
21	7.210	867	871	873	rVV	669633	544271	22.92%	1.326%
22	7.234	873	875	878	rVB	113234	98373	4.14%	0.240%
23	7.304	884	887	890	rVB	1123330	1057584	44.54%	2.577%
24	7.357	893	896	898	rBV	287511	225787	9.51%	0.550%
25	7.381	898	900	903	rVB	280178	210665	8.87%	0.513%
26	7.428	904	908	909	rBV	632898	519853	21.89%	1.267%
27	7.451	909	912	916	rVV2	1335854	1272594	53.60%	3.101%
28	7.486	916	918	921	rVB	139619	102021	4.30%	0.249%
29	7.575	929	933	936	rBV	285944	237561	10.01%	0.579%
30	7.657	942	947	950	rBV	303481	312588	13.17%	0.762%
31	7.686	950	952	957	rVB	533877	386500	16.28%	0.942%
32	7.739	957	961	963	rBV	166130	142249	5.99%	0.347%
33	7.775	963	967	969	rBV2	103402	100280	4.22%	0.244%
34	7.828	972	976	977	rBV2	329885	349425	14.72%	0.851%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

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-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.839	977	978	984	rVB2	520774	452963	19.08%	1.104%
36	7.892	984	987	988	rBV	130913	126767	5.34%	0.309%
37	7.910	988	990	992	rBV2	462498	364182	15.34%	0.887%
38	7.963	992	999	1002	rVV	1783151	2374386	100.00%	5.786%
39	8.039	1011	1012	1016	rVB	134503	94318	3.97%	0.230%
40	8.128	1023	1027	1030	rBV	785882	706743	29.77%	1.722%
41	8.169	1030	1034	1036	rVV2	611238	778541	32.79%	1.897%
42	8.192	1036	1038	1041	rVV	918082	762076	32.10%	1.857%
43	8.216	1041	1042	1047	rVB2	104947	125884	5.30%	0.307%
44	8.328	1058	1061	1065	rBV	276237	274948	11.58%	0.670%
45	8.369	1065	1068	1071	rVB	98971	91925	3.87%	0.224%
46	8.404	1071	1074	1077	rBV	465642	413179	17.40%	1.007%
47	8.439	1077	1080	1083	rVB2	203976	220998	9.31%	0.539%
48	8.528	1091	1095	1097	rBV	854766	744748	31.37%	1.815%
49	8.557	1097	1100	1103	rVV4	233142	330253	13.91%	0.805%
50	8.610	1107	1109	1111	rVV	200418	234194	9.86%	0.571%
51	8.633	1111	1113	1118	rVB3	224869	306807	12.92%	0.748%
52	8.763	1133	1135	1138	rVB3	146743	141157	5.94%	0.344%
53	8.798	1138	1141	1143	rBV3	109471	115694	4.87%	0.282%
54	8.886	1153	1156	1158	rBV	395286	301432	12.70%	0.735%
55	8.928	1161	1163	1165	rBV2	97593	102810	4.33%	0.251%
56	8.986	1170	1173	1179	rBV3	238113	376146	15.84%	0.917%
57	9.063	1182	1186	1188	rBV4	215420	271131	11.42%	0.661%
58	9.251	1214	1218	1220	rVB	2683339	2343320	98.69%	5.710%
59	9.486	1256	1258	1260	rBV2	343300	306438	12.91%	0.747%
60	9.569	1270	1272	1276	rBV4	441480	482215	20.31%	1.175%
61	9.645	1283	1285	1289	rBV	708183	996228	41.96%	2.428%
62	14.051	2031	2034	2036	rVB	1896683	1724128	72.61%	4.201%
63	14.845	2167	2169	2173	rVB2	448203	423645	17.84%	1.032%
64	14.892	2173	2177	2184	rBV6	443101	1137060	47.89%	2.771%
65	15.574	2289	2293	2301	rVB	627187	995182	41.91%	2.425%

Sum of corrected areas: 41036875

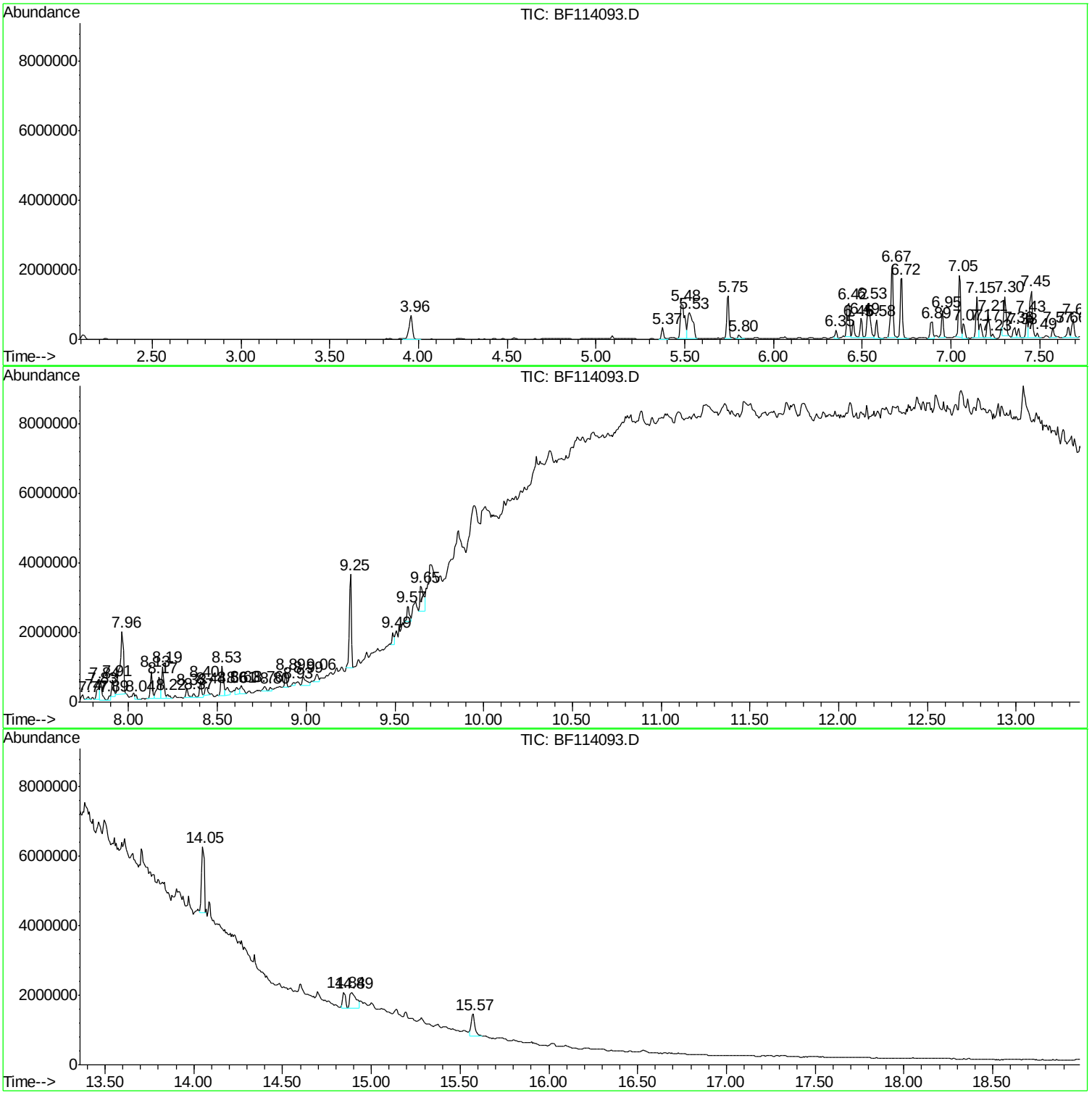
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

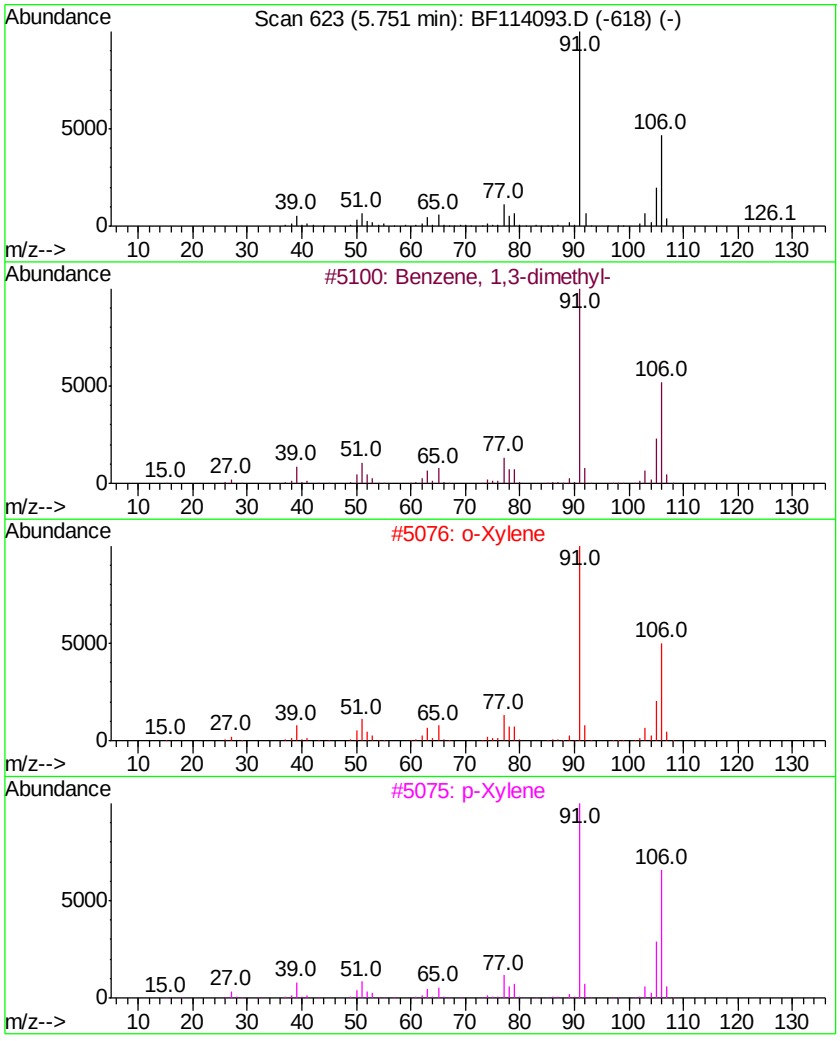
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

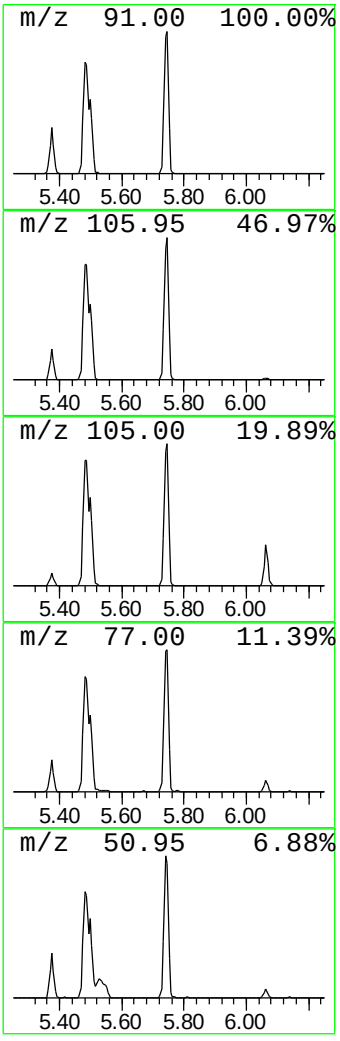
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	53.41 ng	1182160	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

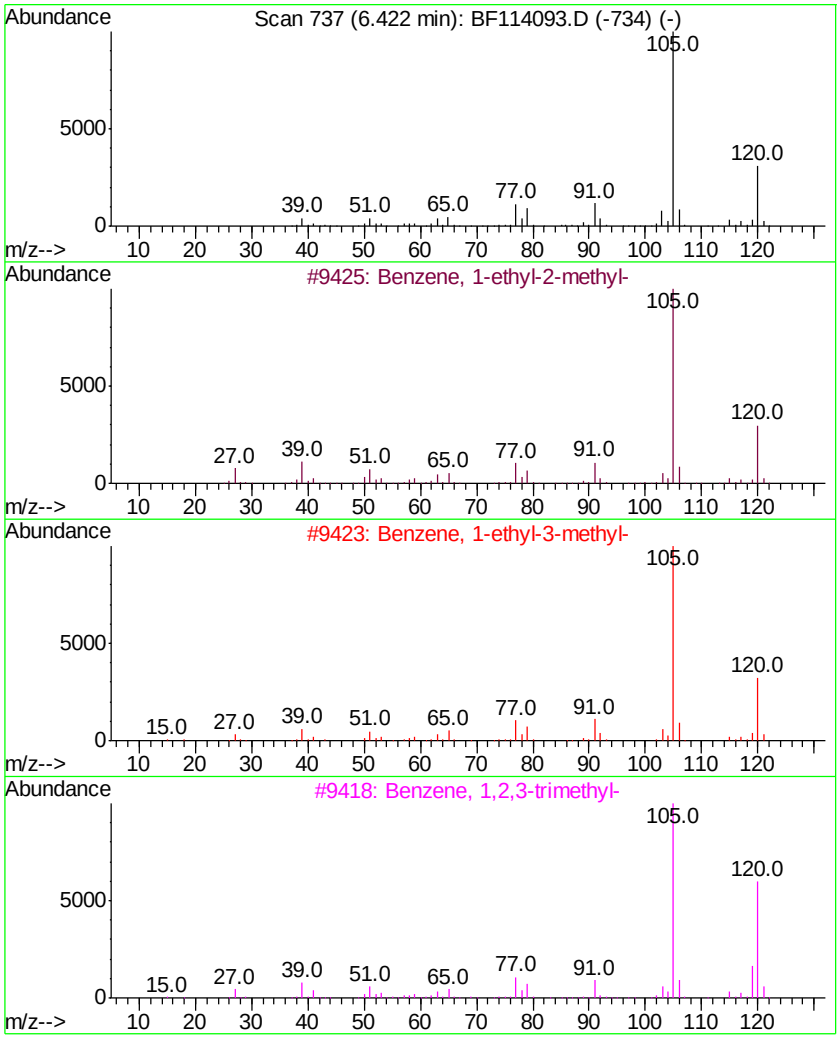
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

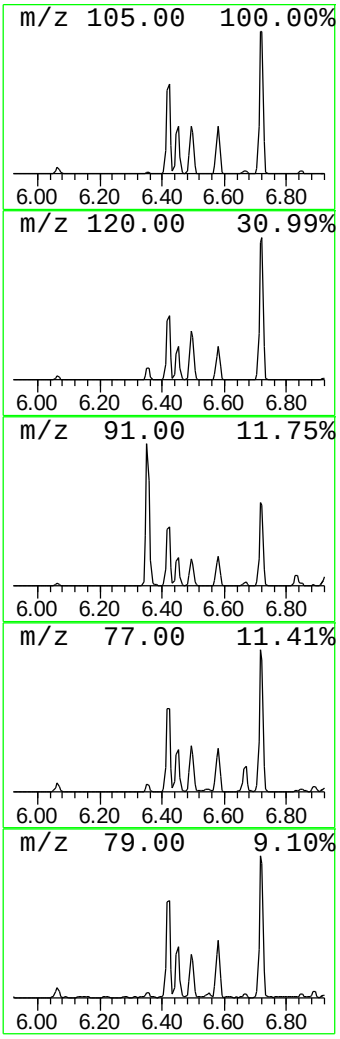
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	38.47 ng	851588	1,4-Dichlorobenzene-d4	6.89

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

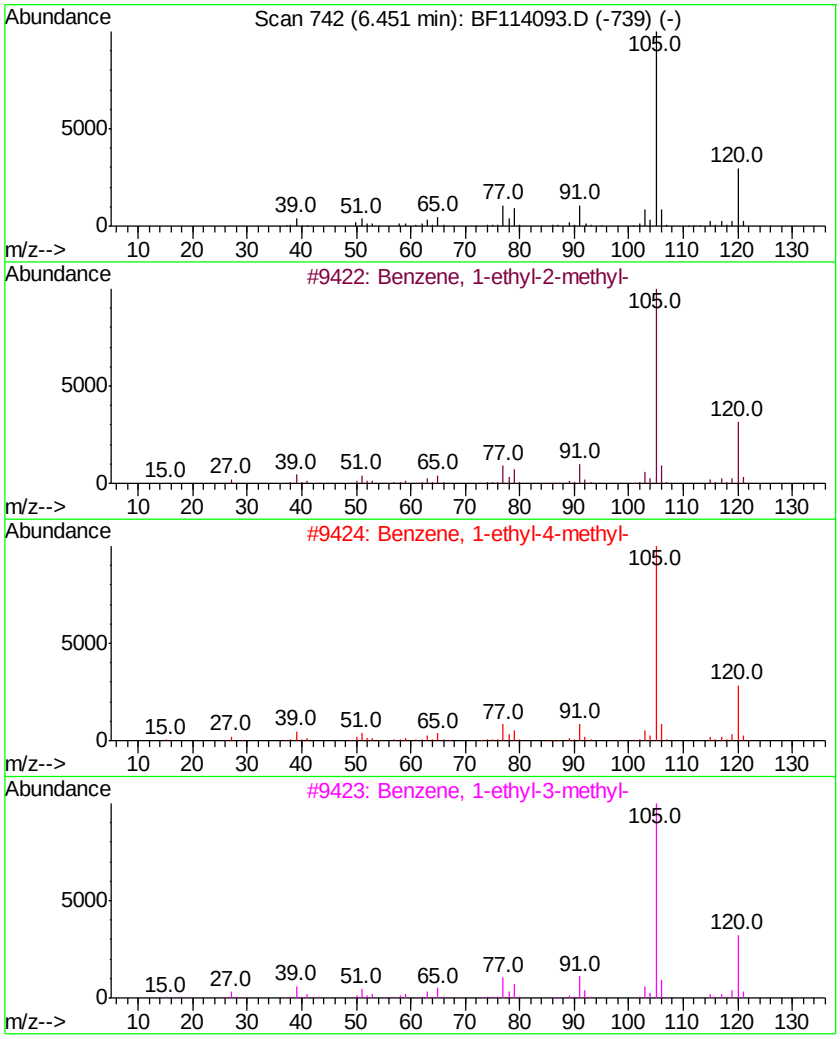
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

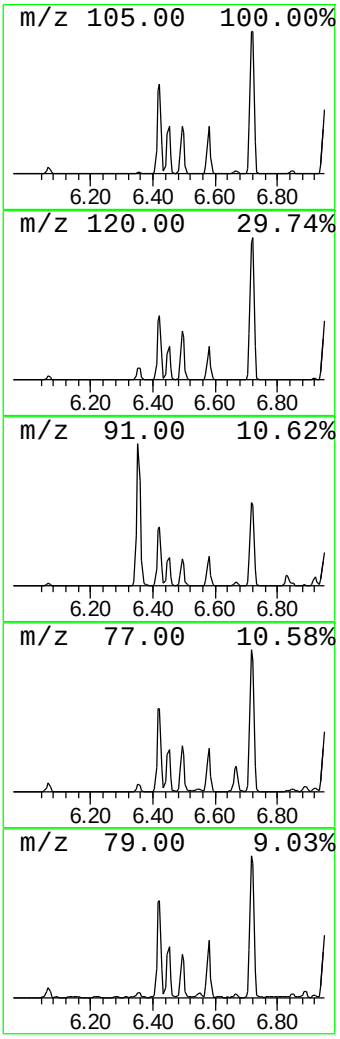
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	18.60 ng	411786	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

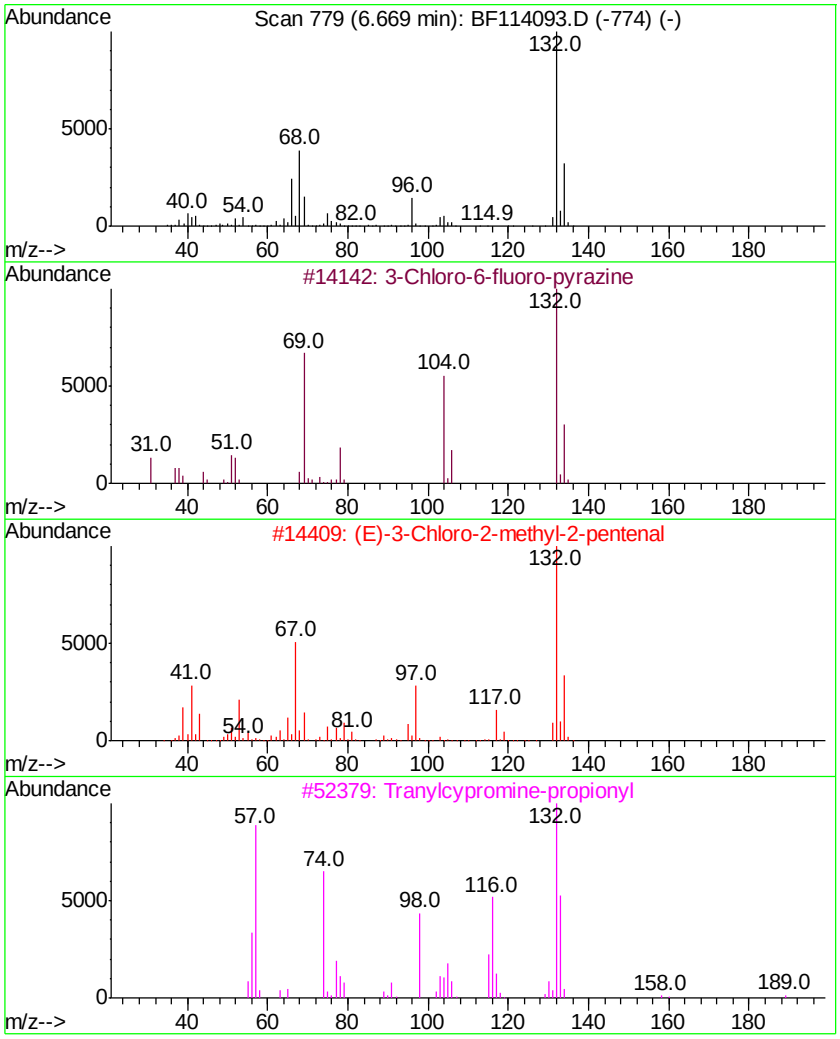
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

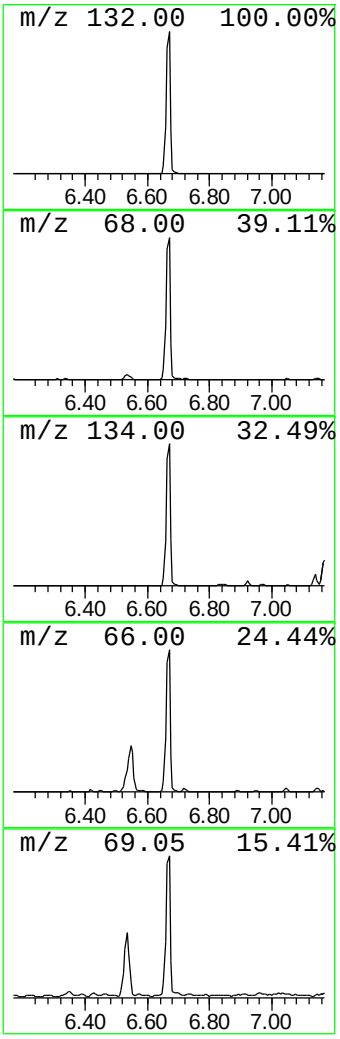
****

Peak Number 6 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	89.25 ng	1975660	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

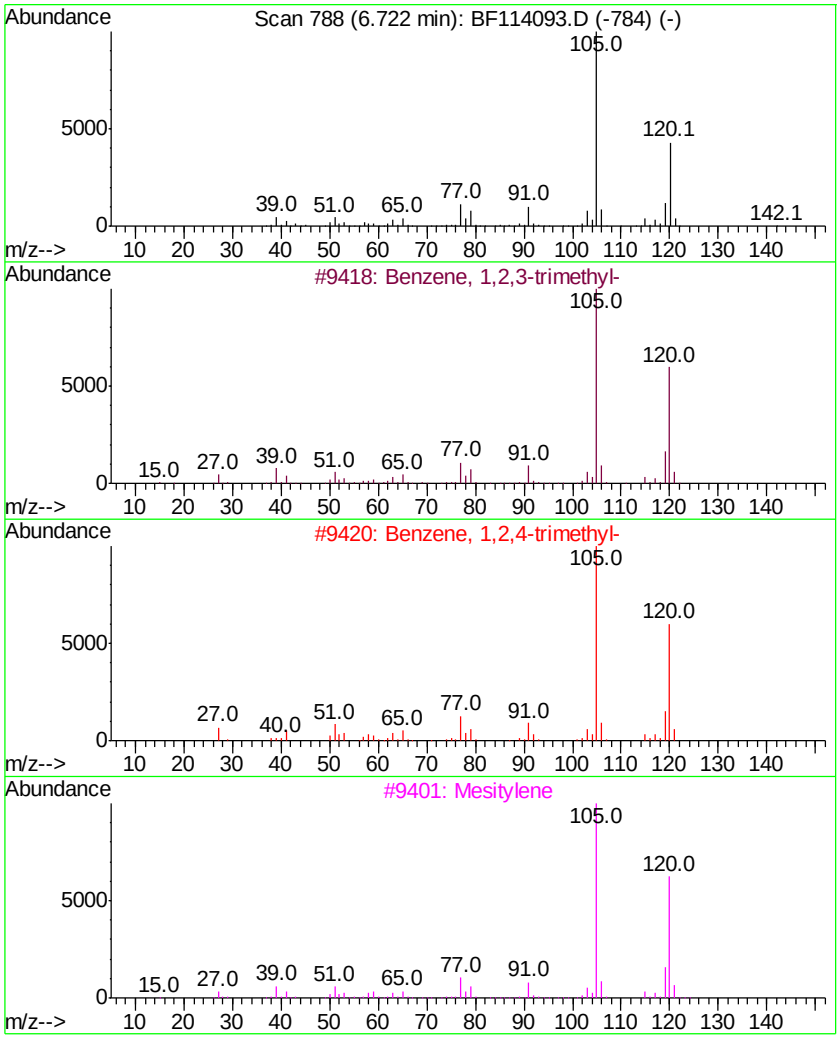
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

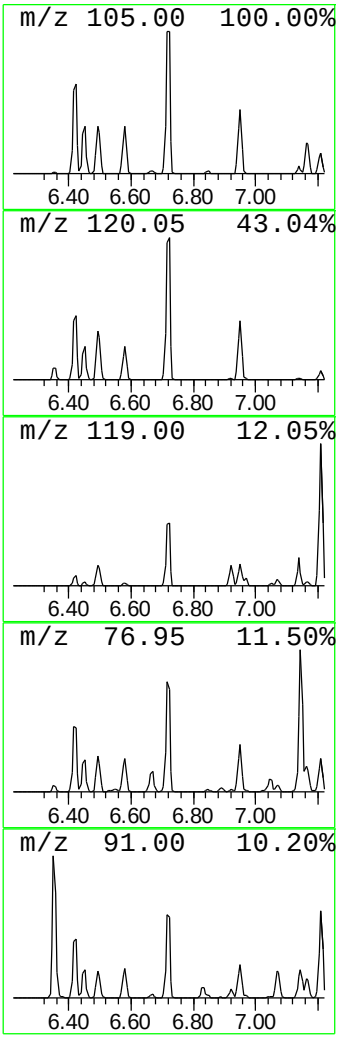
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	75.55 ng	1672240	1,4-Dichlorobenzene-d4	6.89

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

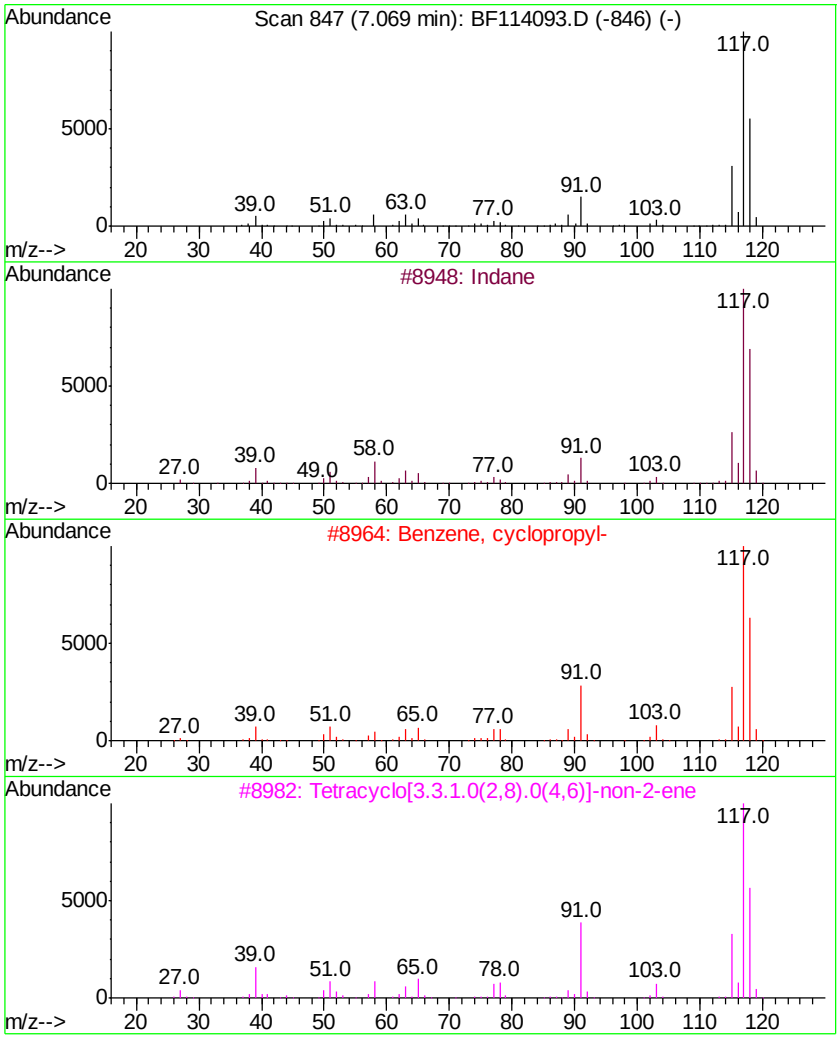
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

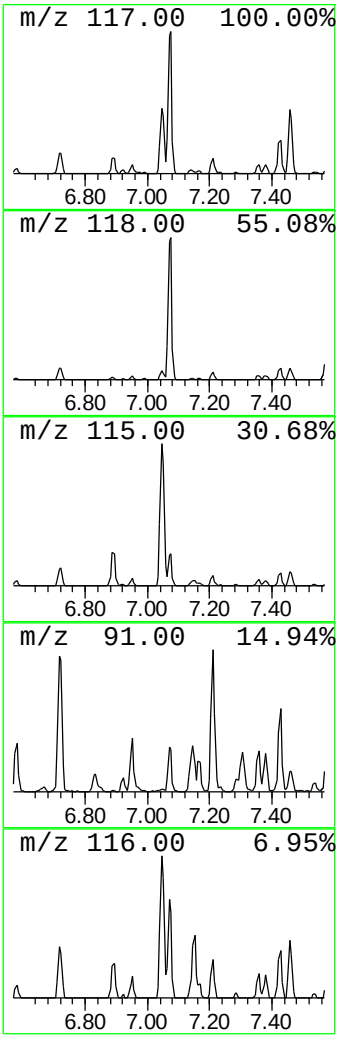
****

Peak Number 10 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	14.16 ng	313367	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

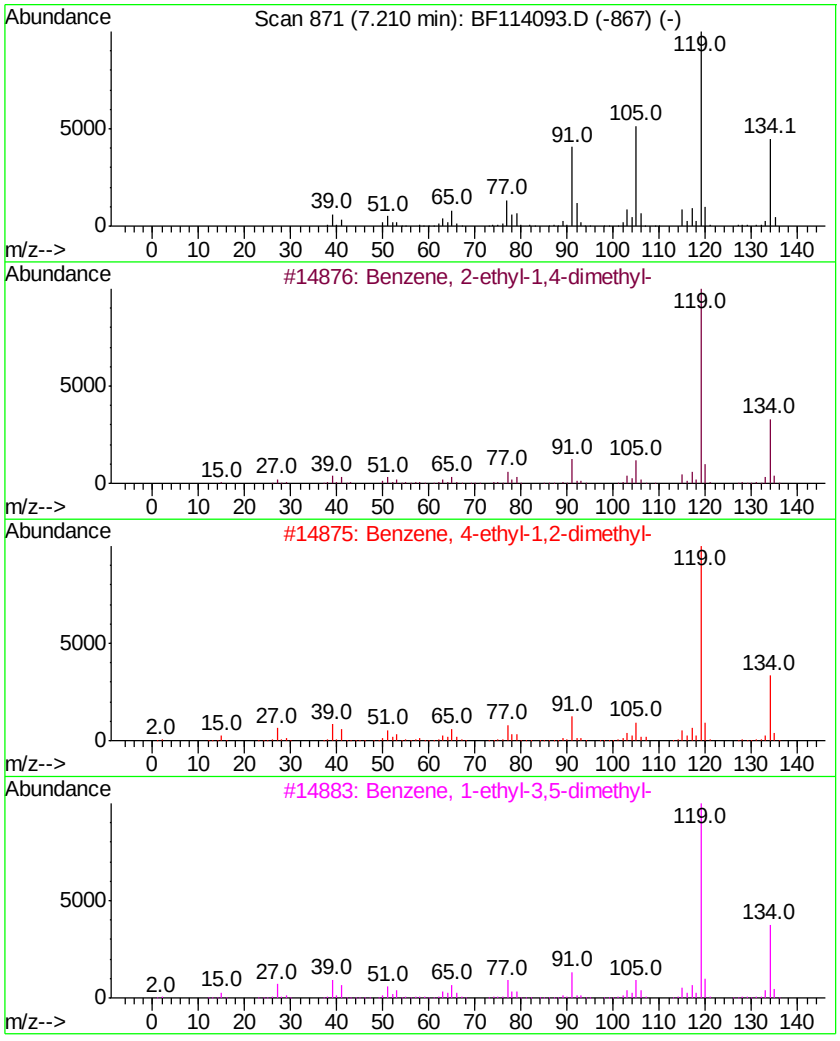
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

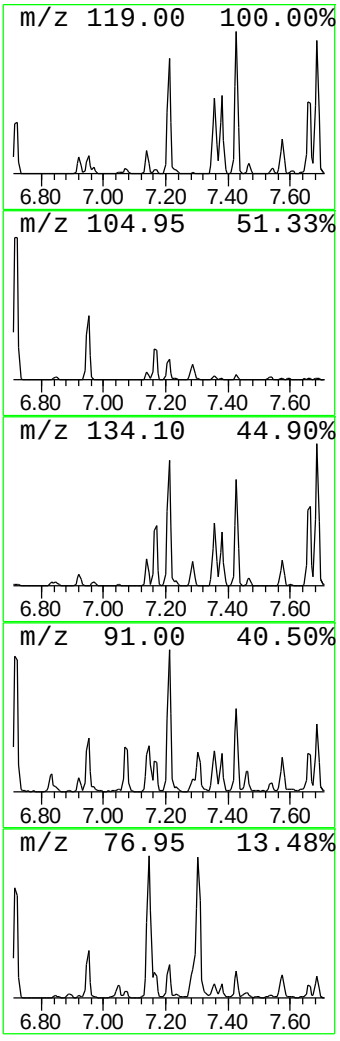
****

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	24.59 ng	544271	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

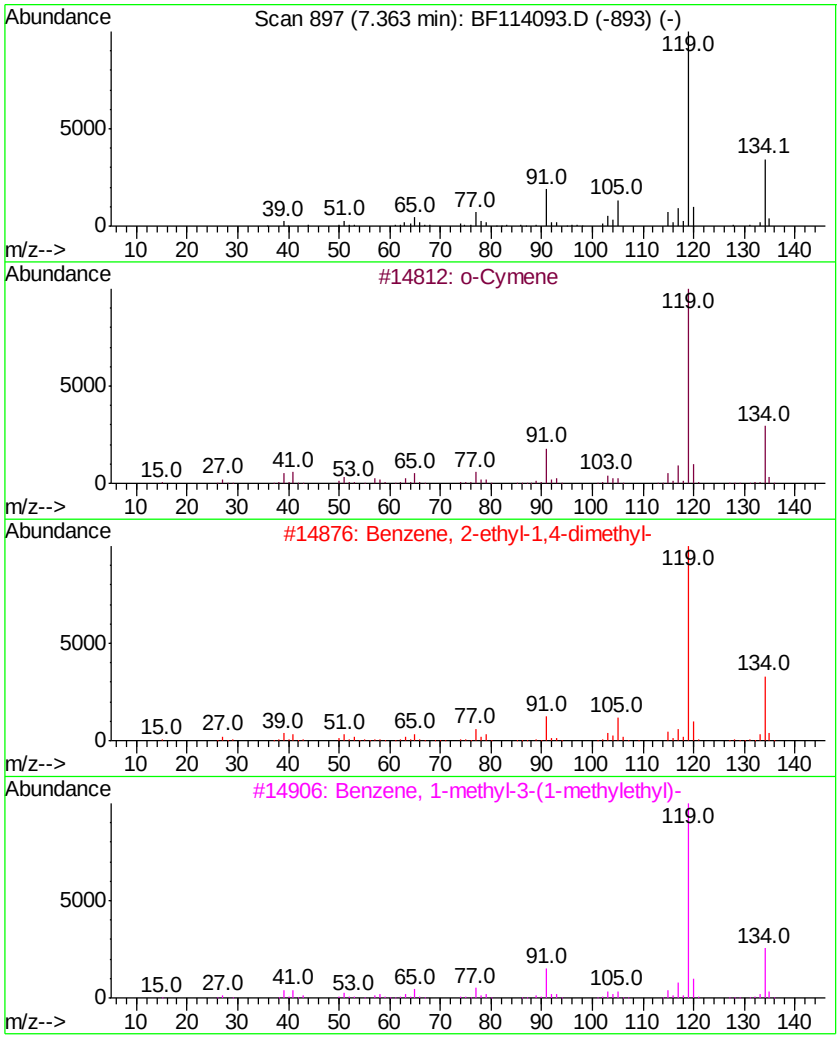
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

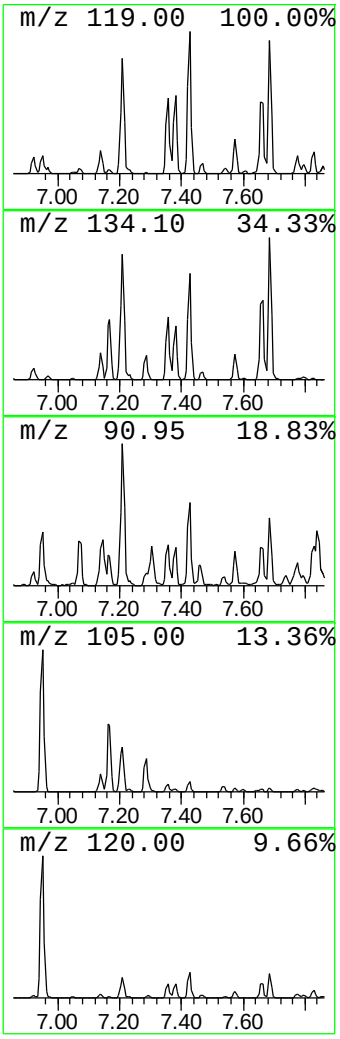
****

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	10.20 ng	225787	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

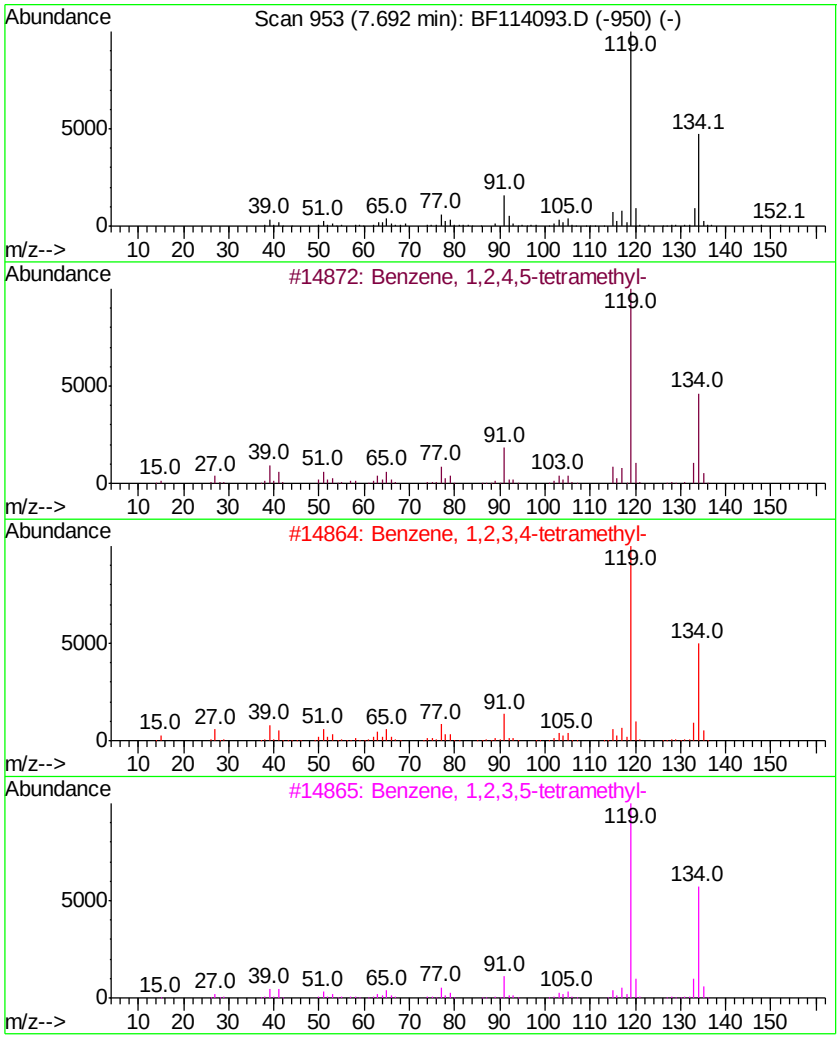
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

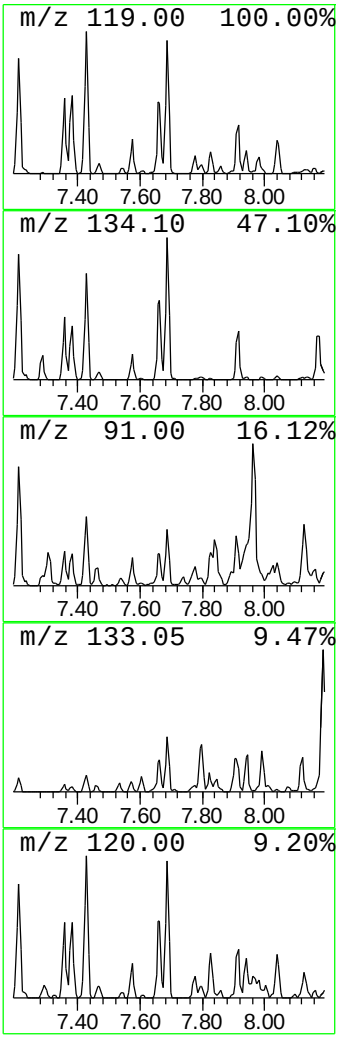
****

Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	9.93 ng	386500	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	o-Cymene	134	C10H14	000527-84-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

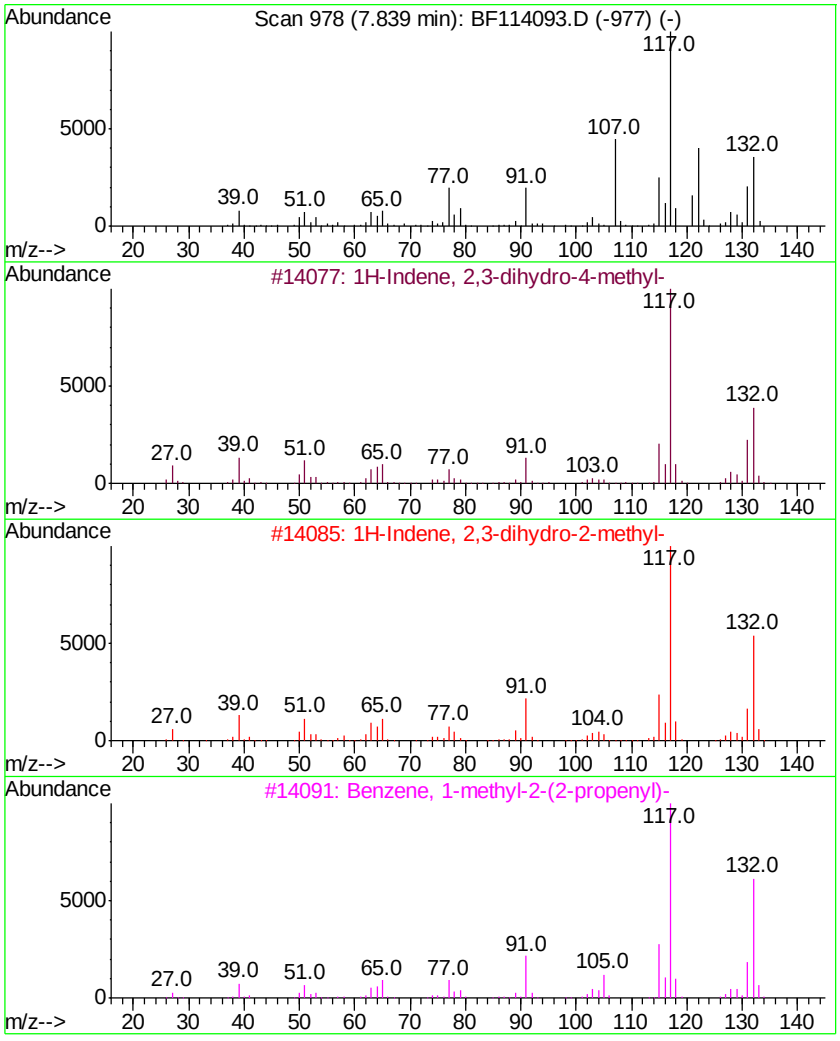
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

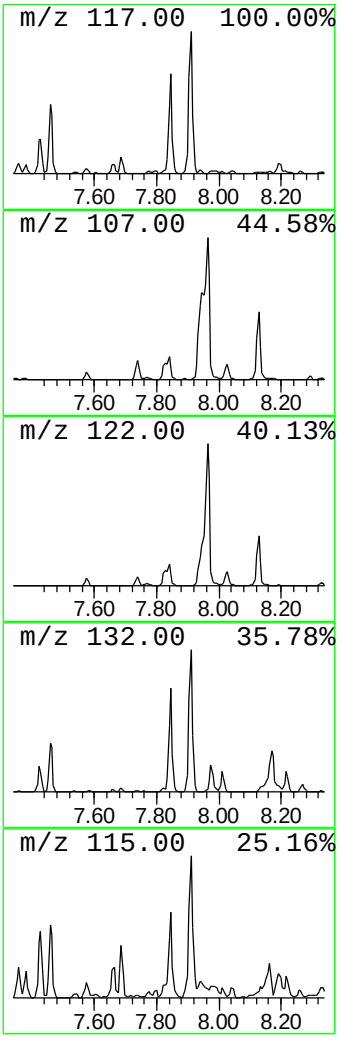
****

Peak Number 14 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	11.64 ng	452963	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
2	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	49
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	46
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

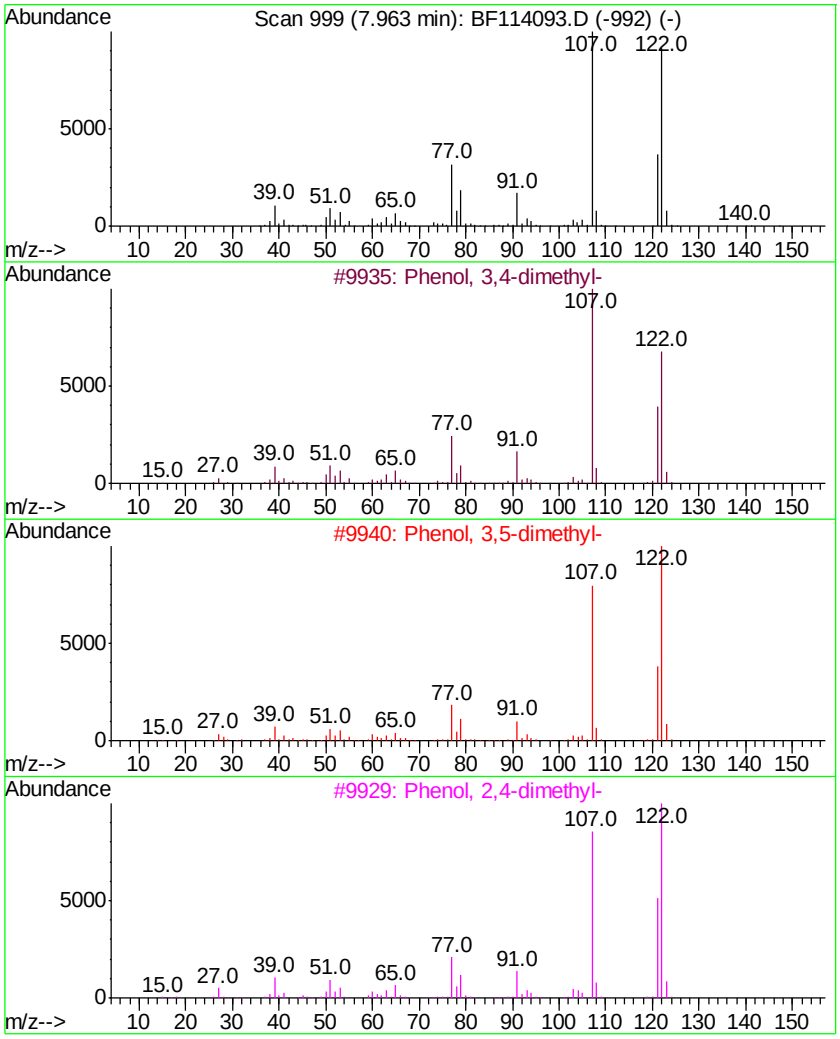
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

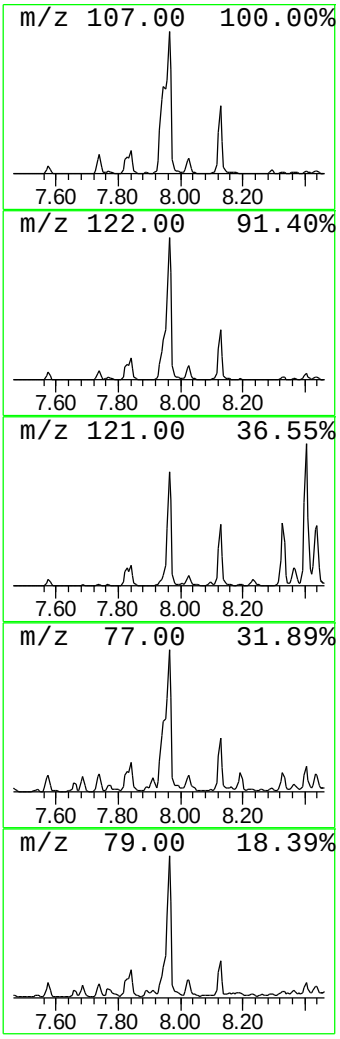
****

Peak Number 15 Phenol, 3,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	61.00 ng	2374390	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

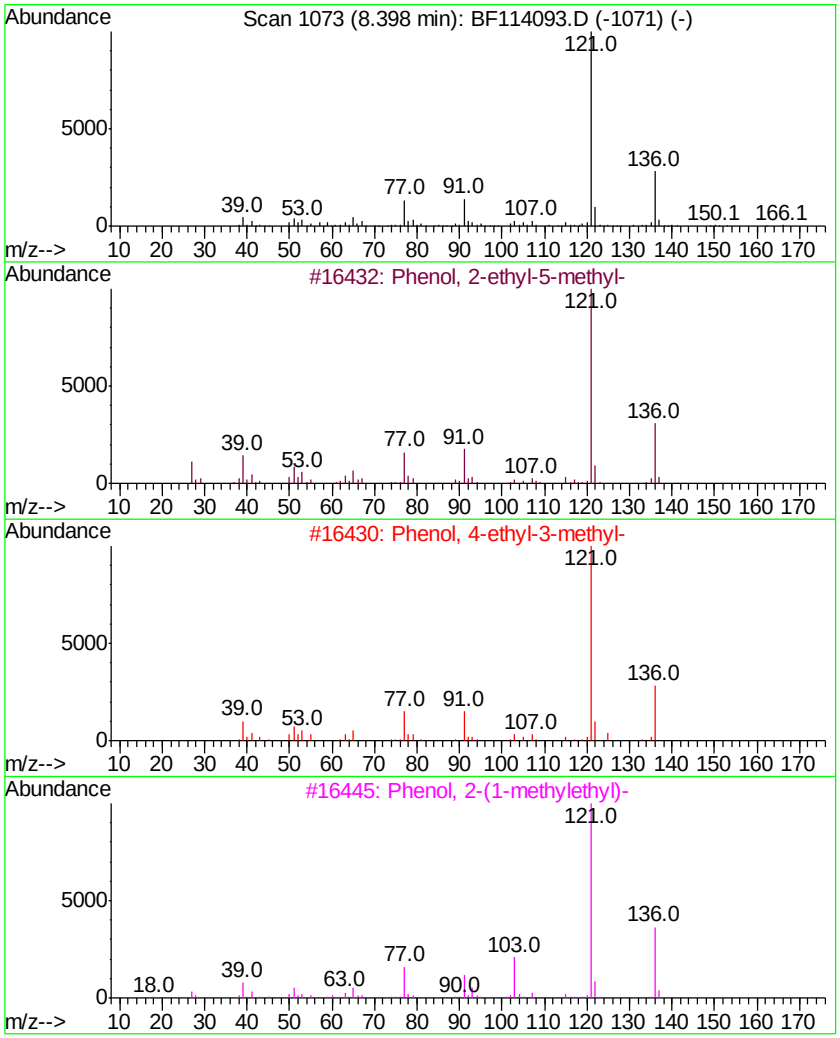
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

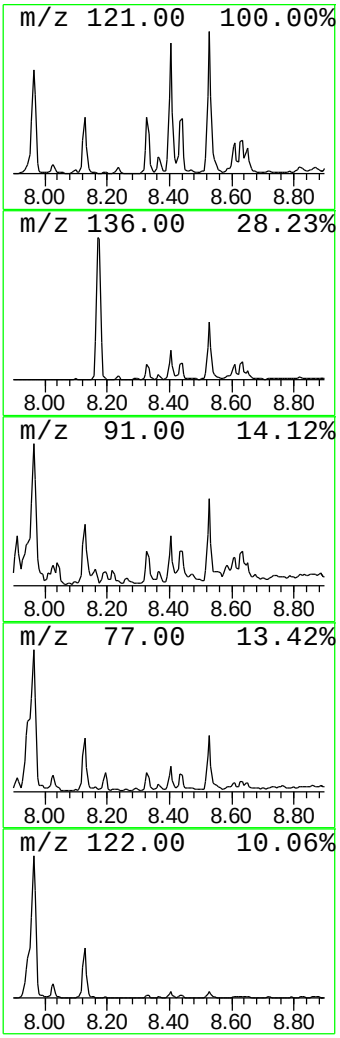
****

Peak Number 16 Phenol, 2-ethyl-5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	10.61 ng	413179	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	90
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

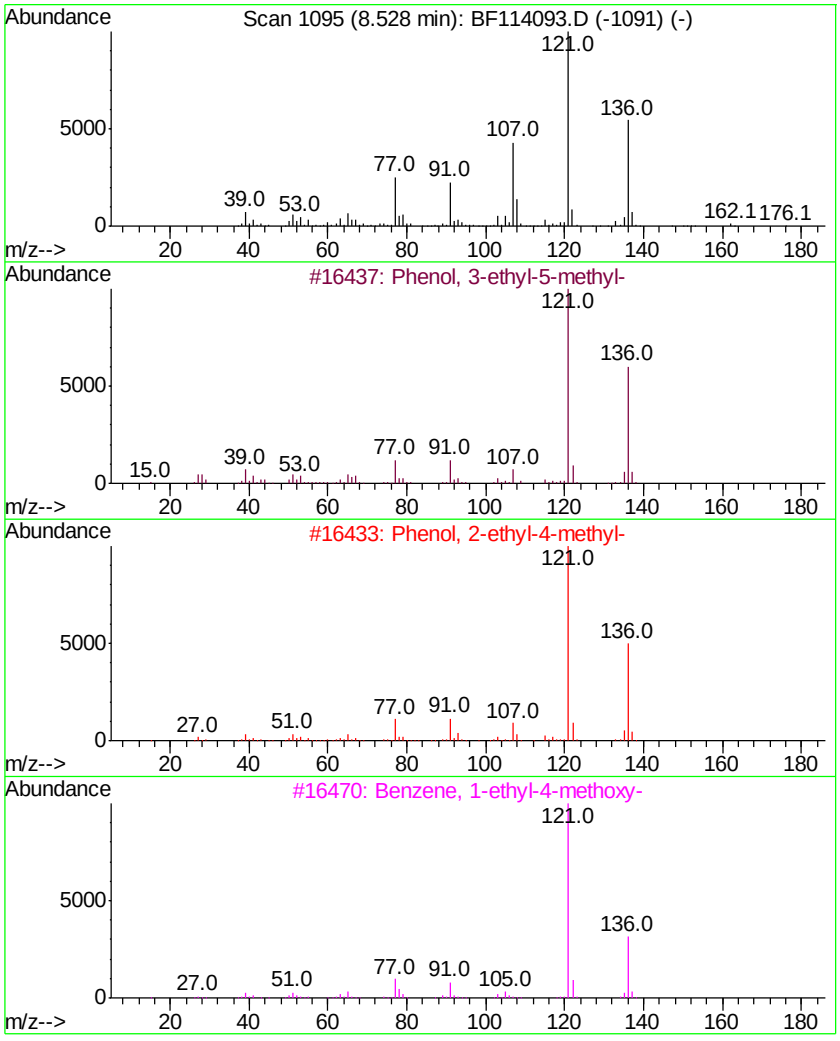
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

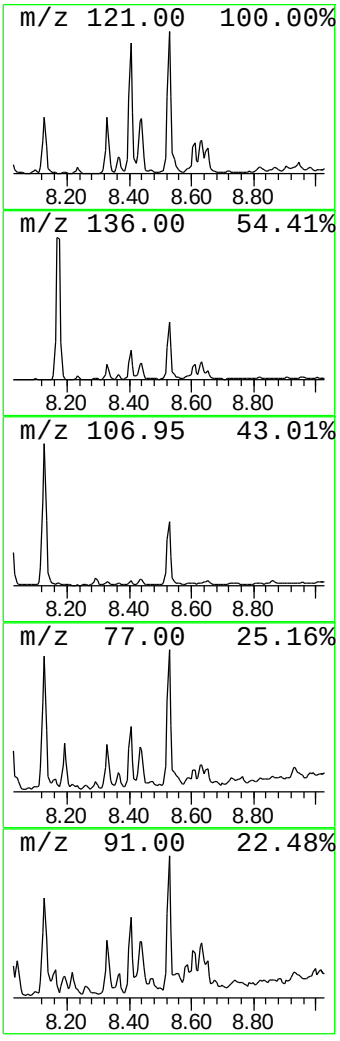
****

Peak Number 17 Phenol, 3-ethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	19.13 ng	744748	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	76
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	74
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	68
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	64
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

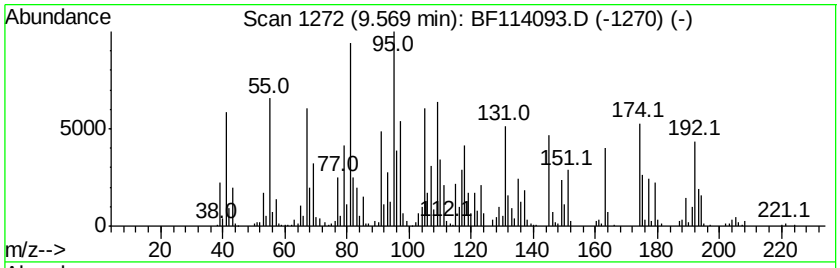
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

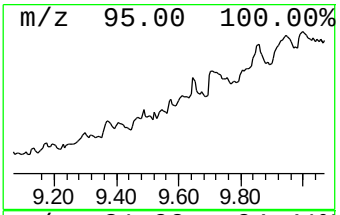
****

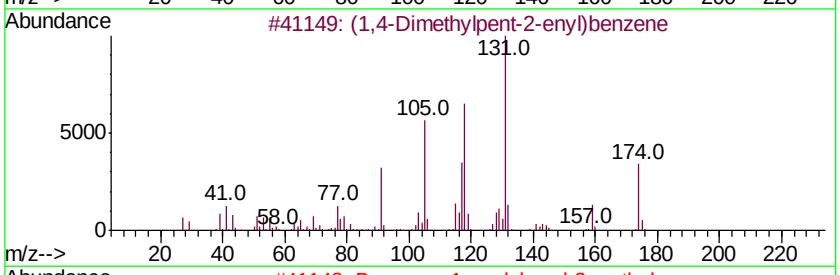
Peak Number 18 unknown9.57 Concentration Rank 20

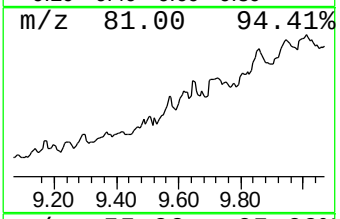
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	9.68 ng	482215	Acenaphthene-d10	9.94

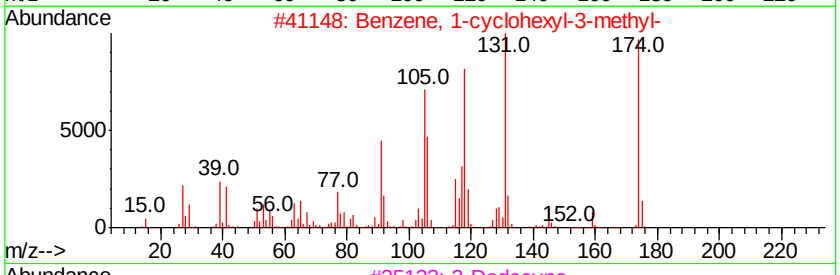
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	25
2	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	15
3	2-Dodecyne	166	C12H22	000629-49-2	14
4	Santolina epoxide	152	C10H16O	060485-45-2	11
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	11

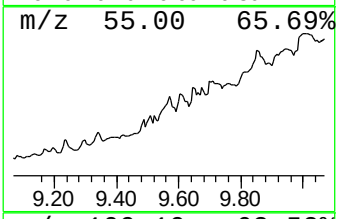


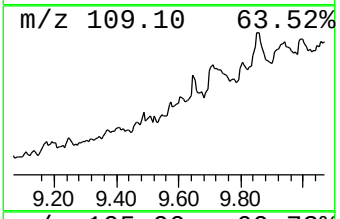


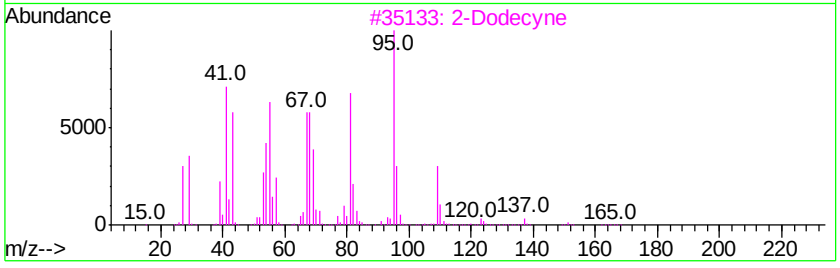


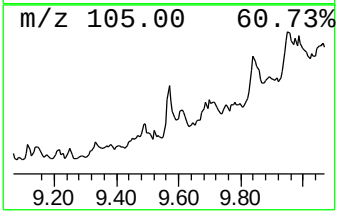












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

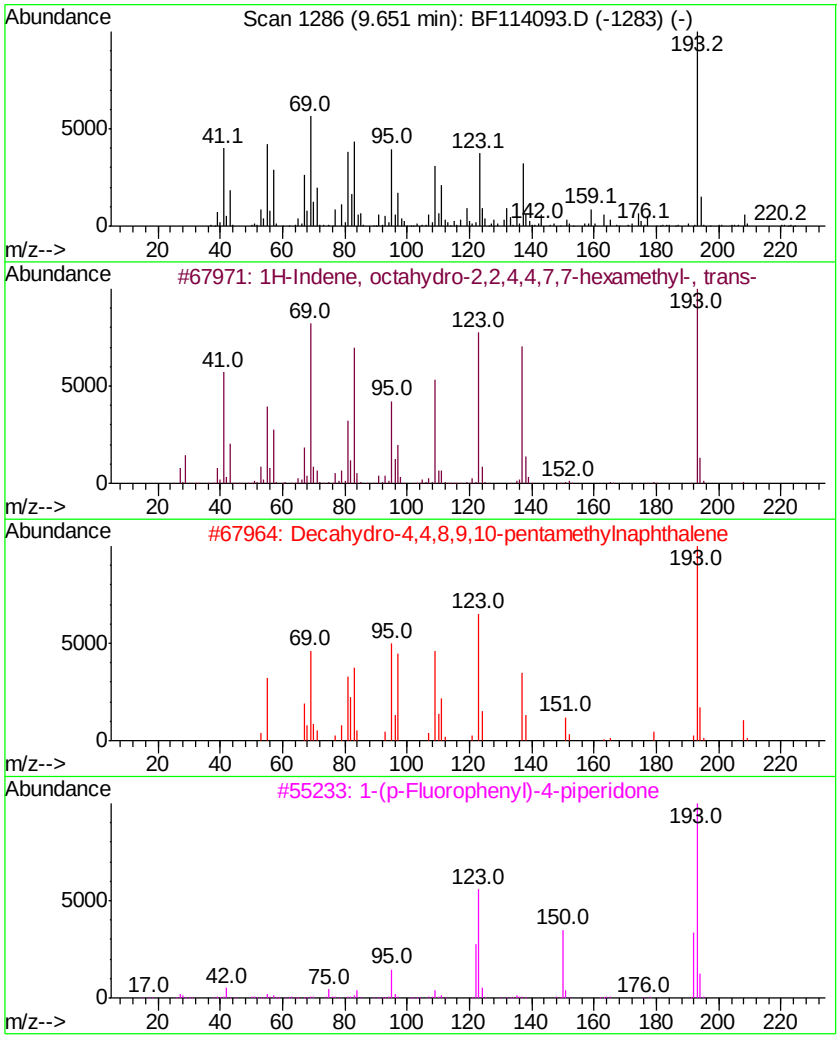
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

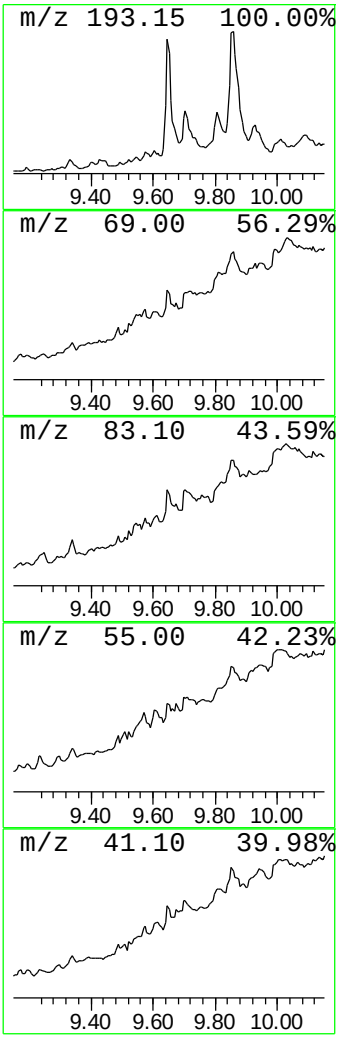
****

Peak Number 19 1H-Indene, octahydro-2,2,4,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	20.00 ng	996228	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	64
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	60
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	32
5	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

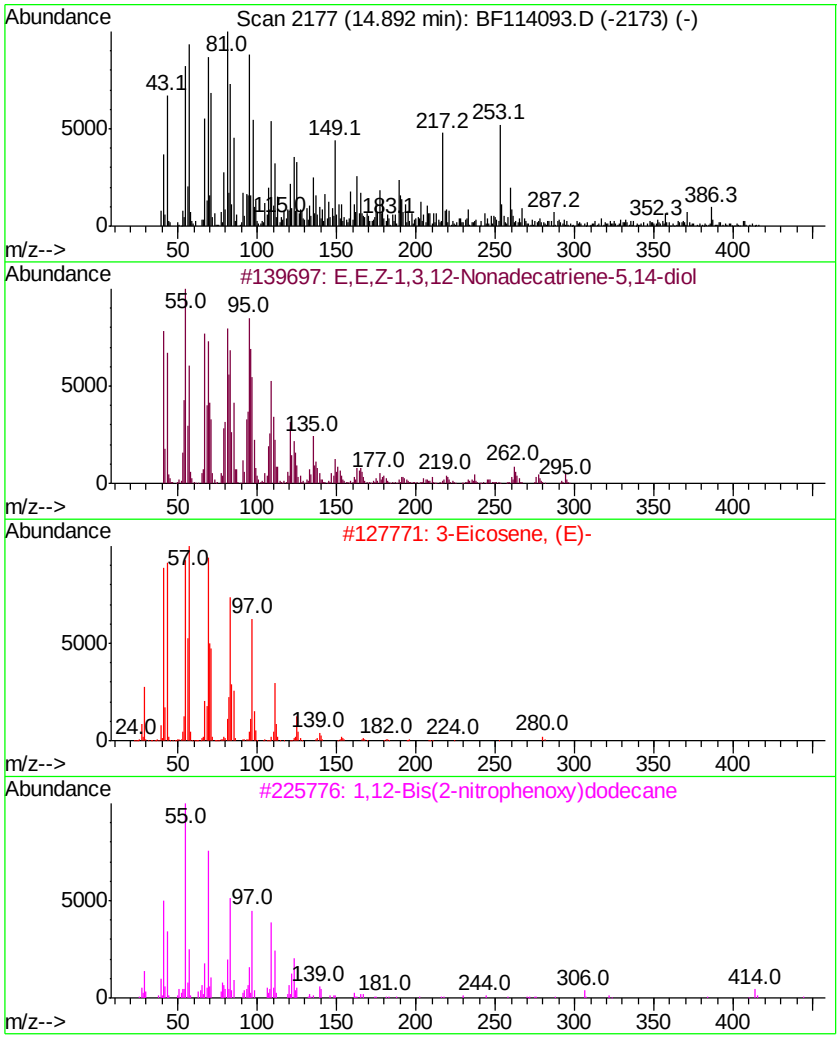
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

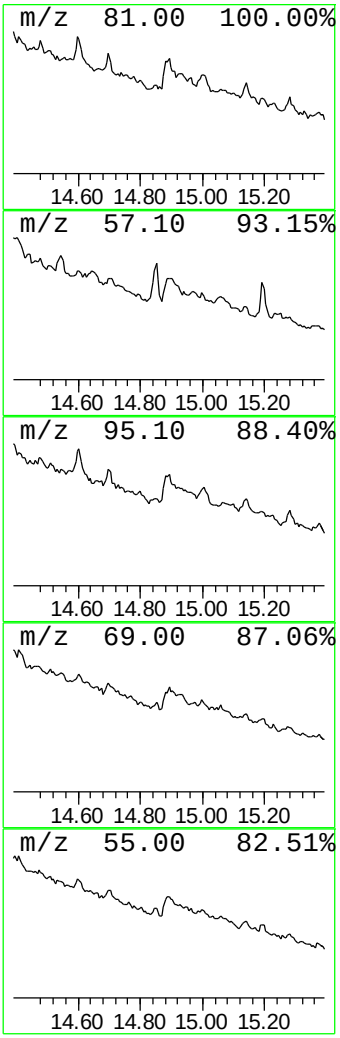
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 E,E,Z-1,3,12-Nonadecatriene... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	22.85 ng	1137060	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E,E,Z-1,3,12-Nonadecatriene-5,14...	294	C19H34O2	1000131-11-4	53
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	44
3	1,12-Bis(2-nitrophenoxy)dodecane	444	C24H32N2O6	155056-69-2	38
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
5	11-Hexacosyne	362	C26H50	034291-69-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050219\
Data File : BF114093.D
Acq On : 2 May 2019 19:10
Operator : JU/SJ
Sample : K2617-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMP-PIT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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...	5.75	53.4	ng	1182160	1	6.89	442706	20.0
Benzene, 1-ethyl-...	6.42	38.5	ng	851588	1	6.89	442706	20.0
Benzene, 1-ethyl-...	6.45	18.6	ng	411786	1	6.89	442706	20.0
unknown6.67	6.67	89.3	ng	1975660	1	6.89	442706	20.0
Benzene, 1,2,3-tr...	6.72	75.5	ng	1672240	1	6.89	442706	20.0
Tetracyclo[3.3.1....	7.07	14.2	ng	313367	1	6.89	442706	20.0
Benzene, 2-ethyl-...	7.21	24.6	ng	544271	1	6.89	442706	20.0
Benzene, 1-methyl...	7.36	10.2	ng	225787	1	6.89	442706	20.0
Benzene, 1,2,4,5-...	7.69	9.9	ng	386500	2	8.17	778541	20.0
1H-Indene, 2,3-di...	7.84	11.6	ng	452963	2	8.17	778541	20.0
Phenol, 3,4-dimet...	7.96	61.0	ng	2374390	2	8.17	778541	20.0
Phenol, 2-ethyl-5...	8.40	10.6	ng	413179	2	8.17	778541	20.0
Phenol, 3-ethyl-5...	8.53	19.1	ng	744748	2	8.17	778541	20.0
unknown9.57	9.57	9.7	ng	482215	3	9.94	996228	20.0
1H-Indene, octahy...	9.65	20.0	ng	996228	3	9.94	996228	20.0
E,E,Z-1,3,12-Nona...	14.89	22.9	ng	1137060	6	15.57	995182	20.0