LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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-BF090518.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	4.784	408	416	420	rVB	92294	104164	3.96%	0.190%
2	4.872	427	431	438	rVB2	109816	159374	6.07%	0.291%
3	4.937	438	442	447	rBV	162771	179453	6.83%	0.328%
4	5.142	473	477	480	rBV	253689	257773	9.81%	0.471%
5	5.237	489	493	496	rBV	182764	169133	6.44%	0.309%
6	5.313	501	506	507	rVV	80506	86797	3.30%	0.159%
7	5.337	507	510	515	rVB	415312	424820	16.17%	0.776%
8	5.425	520	525	528	rBV2	107031	108088	4.11%	0.197%
9	5.507	535	539	544	rBV2	265293	340619	12.96%	0.622%
10	5.554	544	547	550	rVB	372803	330564	12.58%	0.604%
11	5.595	550	554	556	rBV	263377	264966	10.09%	0.484%
12	5.666	561	566	570	rBV	132957	125166	4.76%	0.229%
13	5.760	574	582	586	rBV2	421360	613042	23.33%	1.120%
14	5.819	586	592	595	rBV3	275901	466383	17.75%	0.852%
15	5.854	595	598	600	rVB4	59777	67347	2.56%	0.123%
16	5.901	600	606	610	rVB3	1012042	1108154	42.18%	2.024%
17	5.954	610	615	619	rBV2	383969	565951	21.54%	1.034%
18	6.001	619	623	629	rVB	2252824	2581396	98.26%	4.715%
19	6.054	629	632	635	rBV	807684	822657	31.31%	1.503%
20	6.089	635	638	640	rVV3	174988	218591	8.32%	0.399%
21	6.113	640	642	644	rVB	191600	143845	5.48%	0.263%
22	6.137	644	646	649	rVB	218999	185385	7.06%	0.339%
23	6.195	649	656	659	rBV4	933531	1506743	57.35%	2.752%
24	6.231	659	662	663	rBV2	112939	86282	3.28%	0.158%
25	6.254	663	666	667	rVV	1336073	1106270	42.11%	2.021%
26	6.272	667	669	672	rVV2	1171131	1495448	56.92%	2.731%
27	6.301	672	674	679	rVB2	774211	827781	31.51%	1.512%
28	6.342	679	681	684	rBV	1103294	1029911	39.20%	1.881%
29	6.401	688	691	692	rVV	363180	303758	11.56%	0.555%
30	6.419	692	694	697	rVB2	517381	383028	14.58%	0.700%
31	6.448	697	699	702	rVB2	416324	324827	12.36%	0.593%
32	6.489	702	706	710	rBV4	1070218	1852212	70.50%	3.383%
33	6.525	710	712	714	rVV	567987	533030	20.29%	0.974%
34	6.548	714	716	717	rVV	177594	178558	6.80%	0.326%

LSC Area Percent Report

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Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.572	717	720	722	rVV	2714572	2411479	91.79%	4.405%
36	6.607	722	726	728	rVB2	565102	631719	24.05%	1.154%
37	6.636	728	731	733	rBV	108128	90253	3.44%	0.165%
38	6.654	733	734	736	rBV2	78001	65378	2.49%	0.119%
39	6.695	736	741	743	rBV4	557490	823369	31.34%	1.504%
40	6.737	743	748	751	rVV	1533705	1827531	69.56%	3.338%
41	6.772	751	754	757	rVV2	3148178	2627221	100.00%	4.799%
42	6.801	757	759	764	rVV3	1491025	1709183	65.06%	3.122%
43	6.848	764	767	769	rVV3	362975	432757	16.47%	0.790%
44	6.872	769	771	773	rVV	588945	507471	19.32%	0.927%
45	6.901	773	776	780	rVV2	1824640	2030552	77.29%	3.709%
46	6.931	780	781	784	rVB	520948	418411	15.93%	0.764%
47	6.960	784	786	787	rBV	235339	182883	6.96%	0.334%
48	6.989	787	791	794	rBV3	488285	630238	23.99%	1.151%
49	7.019	794	796	801	rVB2	1557291	1875562	71.39%	3.426%
50	7.066	801	804	806	rBV2	1818016	1536757	58.49%	2.807%
51	7.101	806	810	812	rVB3	194842	203293	7.74%	0.371%
52	7.142	813	817	819	rBV	779966	707957	26.95%	1.293%
53	7.172	819	822	824	rVB2	168485	148477	5.65%	0.271%
54	7.207	826	828	830	rBV	394086	308439	11.74%	0.563%
55	7.231	830	832	835	rVB	627069	538379	20.49%	0.983%
56	7.278	835	840	844	rBV3	1397147	1732303	65.94%	3.164%
57	7.307	844	845	847	rVV	211544	170242	6.48%	0.311%
58	7.325	847	848	851	rVB	351643	266516	10.14%	0.487%
59	7.395	855	860	863	rBV4	931589	1291448	49.16%	2.359%
60	7.431	863	866	868	rBV3	400852	454132	17.29%	0.829%
61	7.460	868	871	874	rVB2	602402	663149	25.24%	1.211%
62	7.513	875	880	882	rBV3	445253	470051	17.89%	0.859%
63	7.536	882	884	891	rVB3	1013073	1256842	47.84%	2.296%
64	7.589	891	893	895	rBV	115054	85209	3.24%	0.156%
65	7.631	895	900	901	rBV2	211321	233173	8.88%	0.426%
66	7.648	901	903	907	rBV4	324002	421802	16.06%	0.770%
67	7.713	912	914	917	rVV2	292898	282459	10.75%	0.516%
68	7.766	917	923	925	rVV3	572981	822892	31.32%	1.503%
69	7.795	925	928	932	rVV	365405	344032	13.09%	0.628%
70	7.831	932	934	936	rVV	149479	150153	5.72%	0.274%
71	7.860	936	939	942	rVB	461401	417641	15.90%	0.763%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	7.895	942	945	947	rBV	166501	131956	5.02%	0.241%
73	7.966	955	957	959	rBV2	91370	95646	3.64%	0.175%
74	7.983	959	960	962	rVV	114273	72534	2.76%	0.132%
75	8.019	962	966	968	rVV	1496382	1330811	50.65%	2.431%
76	8.036	968	969	973	rVV2	254788	238299	9.07%	0.435%
77	8.072	973	975	977	rVV3	105346	96588	3.68%	0.176%
78	8.095	977	979	981	rVV	150878	108205	4.12%	0.198%
79	8.119	981	983	986	rVB3	51279	47006	1.79%	0.086%
80	8.319	1013	1017	1020	rVB5	42330	50430	1.92%	0.092%
81	9.766	1259	1263	1277	rBV	1382902	1216566	46.31%	2.222%
82	11.242	1510	1514	1522	rBV	1368063	1096468	41.73%	2.003%
83	13.865	1956	1960	1964	rBV	1093558	932633	35.50%	1.703%
84	14.654	2091	2094	2098	rVB	47932	44466	1.69%	0.081%
85	14.971	2143	2148	2152	rBV2	67216	82416	3.14%	0.151%
86	15.277	2194	2200	2205	rBV	887061	1087293	41.39%	1.986%
87	15.330	2205	2209	2214	rVB	80664	106908	4.07%	0.195%
88	15.736	2273	2278	2283	rVB	83989	120388	4.58%	0.220%
89	16.206	2352	2358	2364	rBV2	61064	104035	3.96%	0.190%
90	16.759	2446	2452	2462	rVB2	30520	65177	2.48%	0.119%

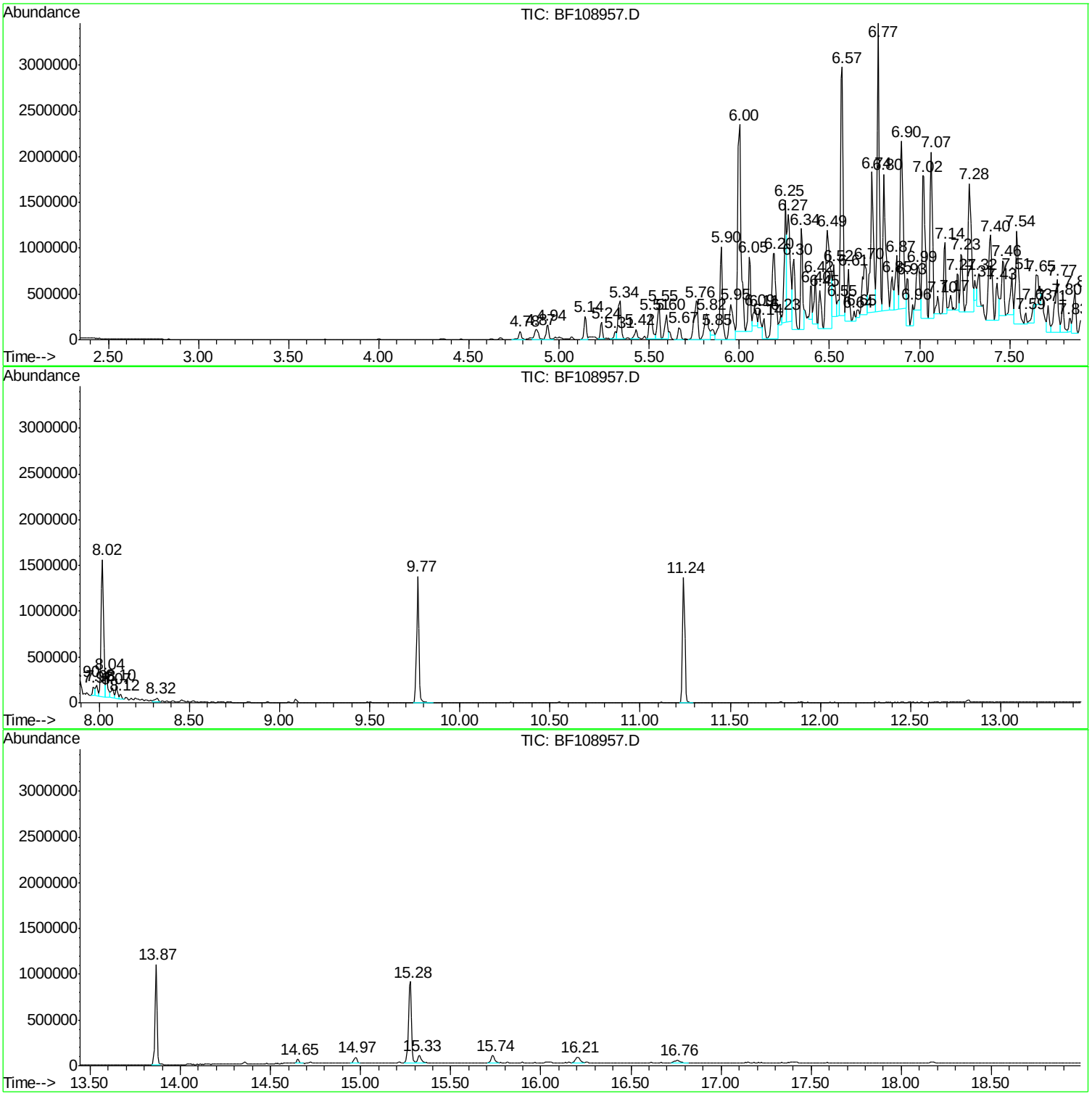
Sum of corrected areas: 54748694

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

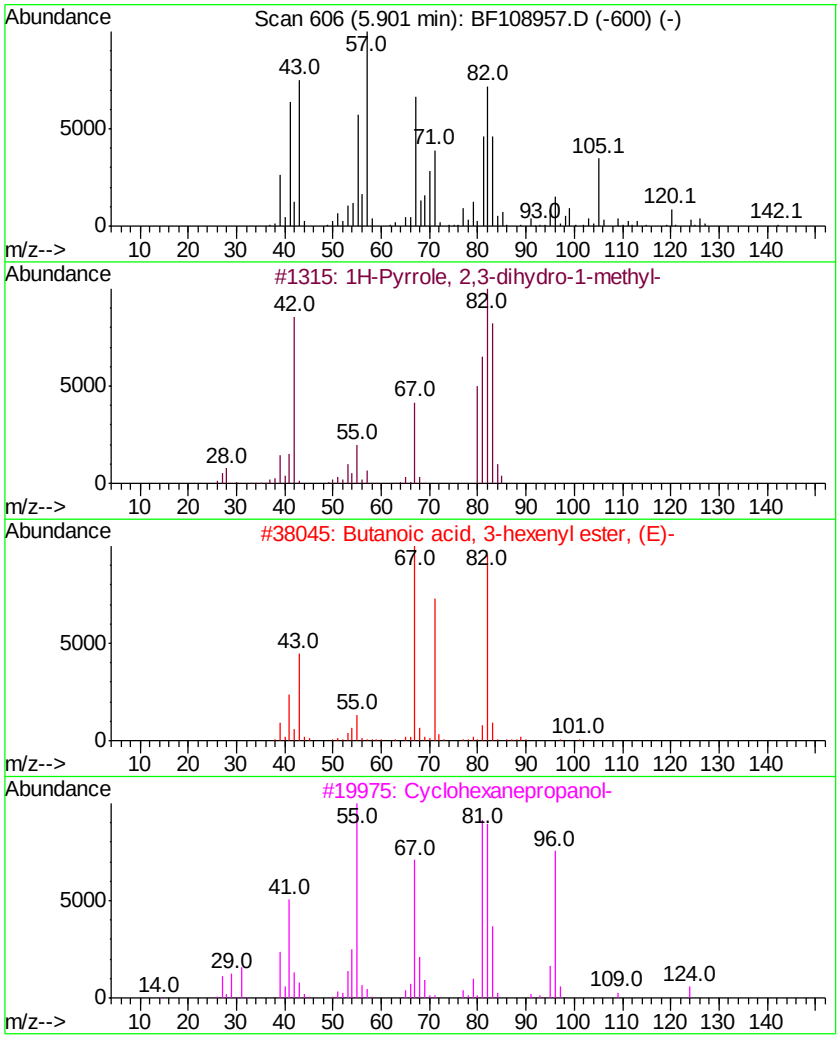
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

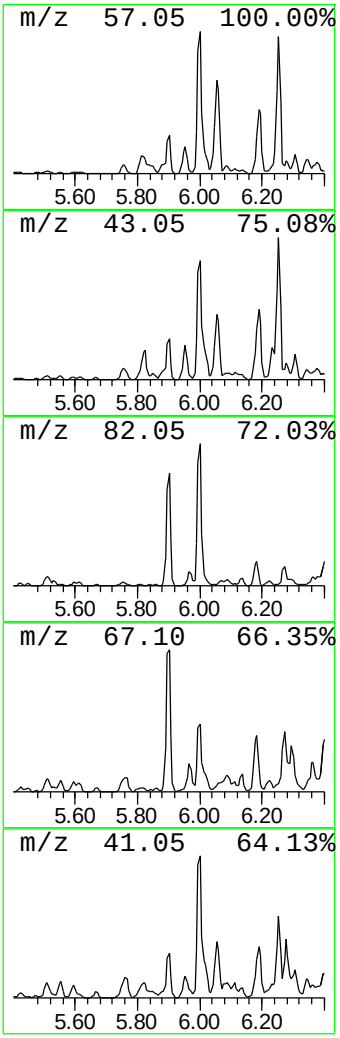
****

Peak Number 1 unknown5.90 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	12.13 ng	1108150	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	45
2	Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	053398-84-8	38
3	Cyclohexanepropanol-	142	C9H18O	001124-63-6	27
4	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	25
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

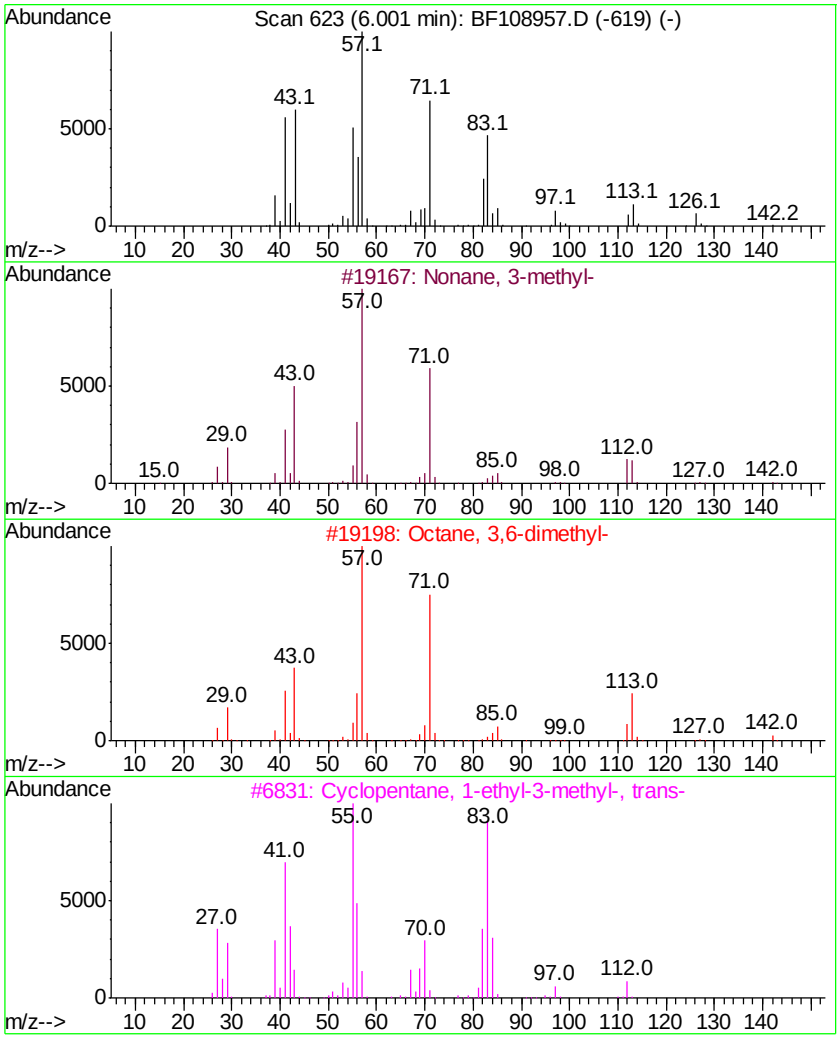
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

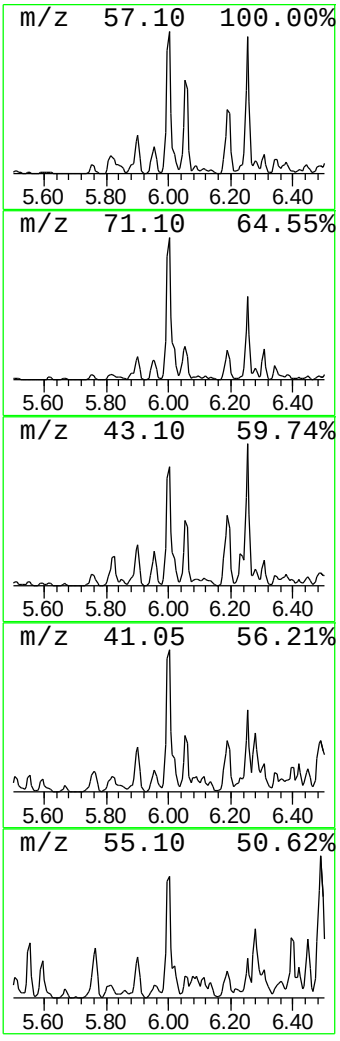
****

Peak Number 2 unknown6.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	28.25 ng	2581400	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	46
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

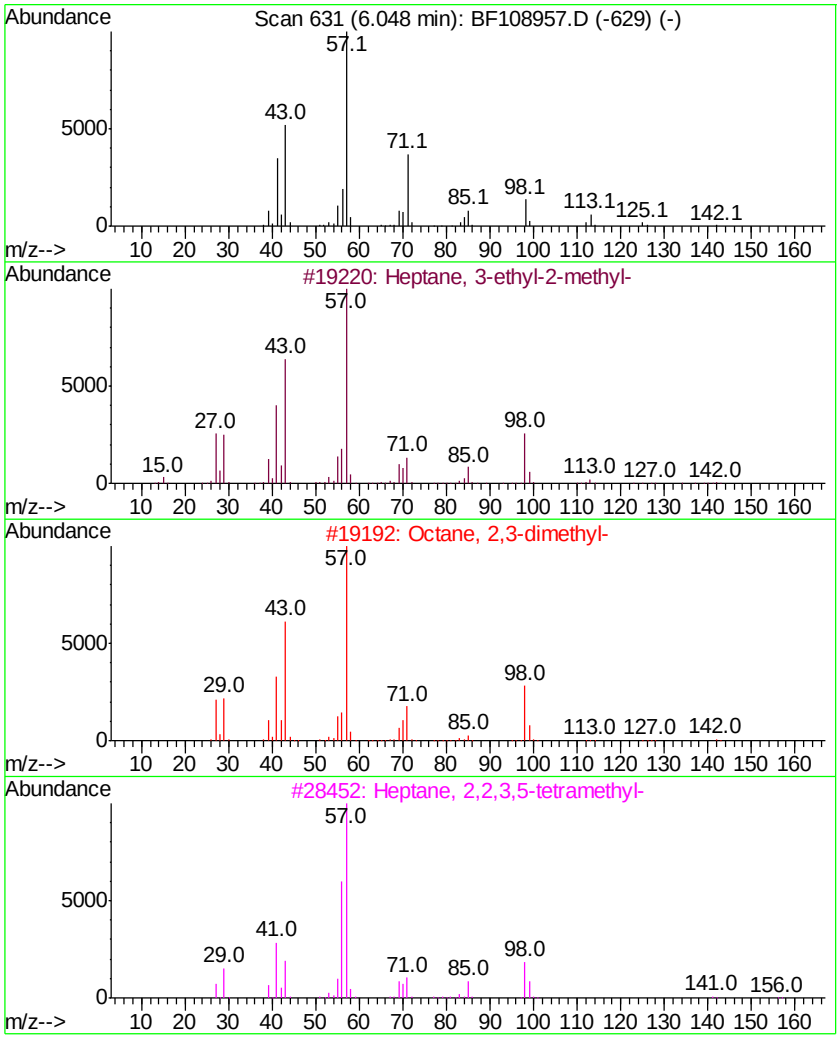
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

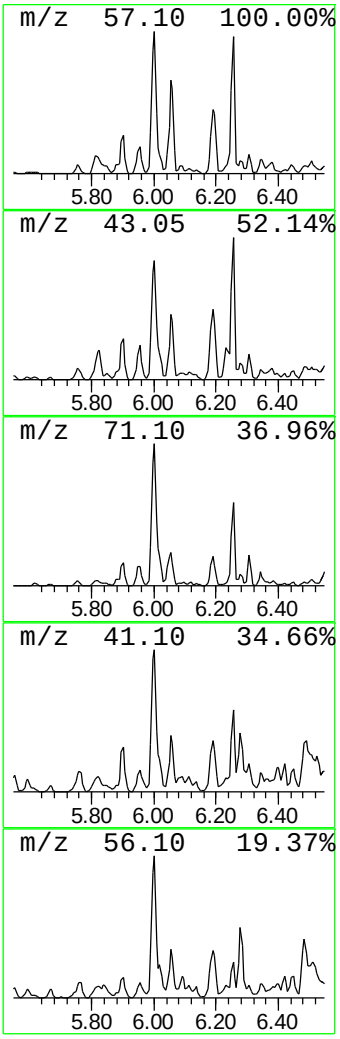
****

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	9.00 ng	822657	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
3	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	59
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

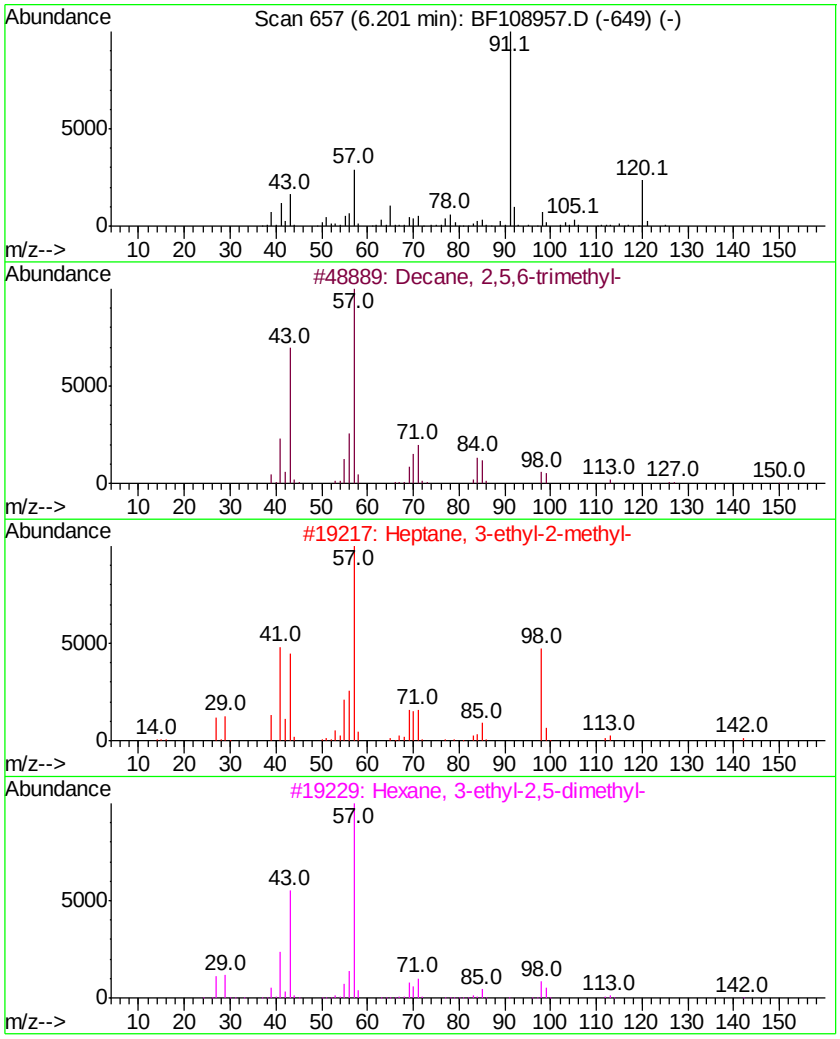
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

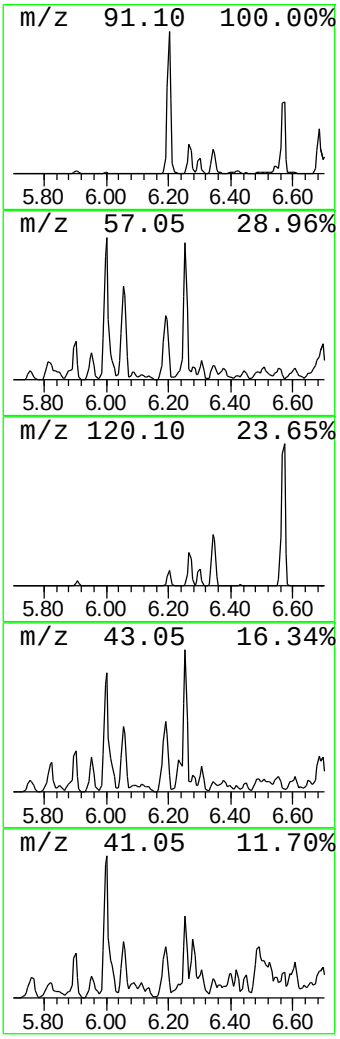
****

Peak Number 4 Decane, 2,5,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	16.49 ng	1506740	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	52
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

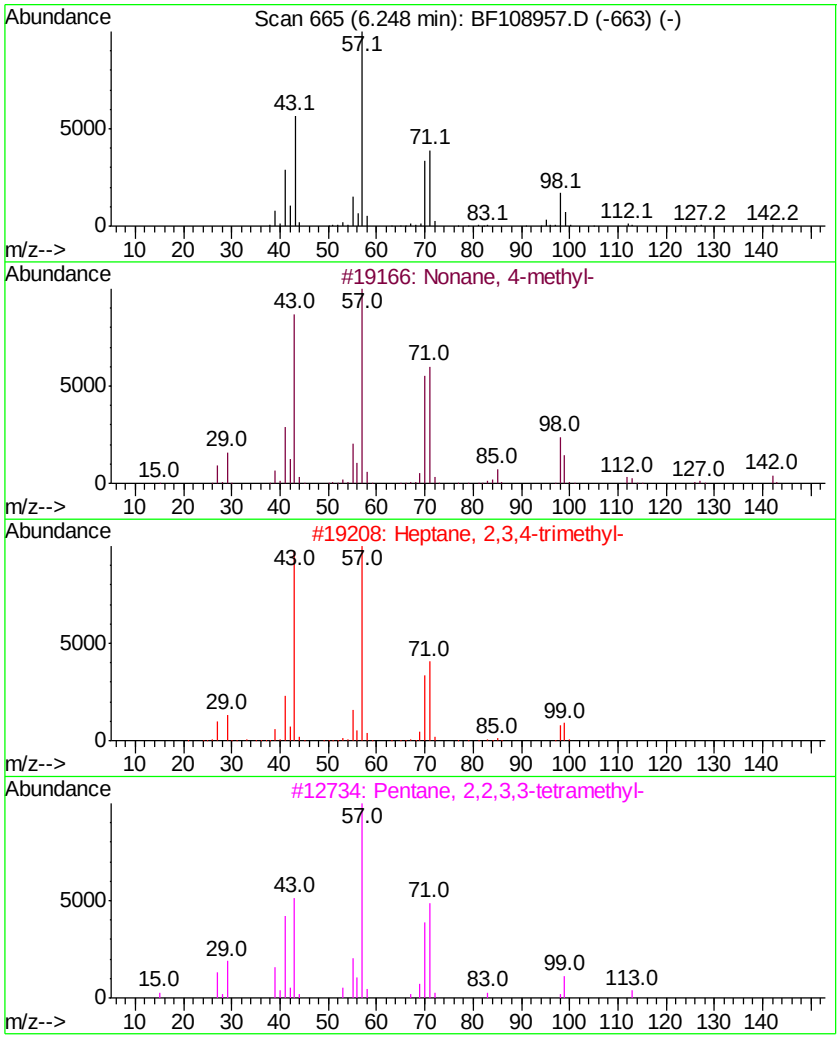
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

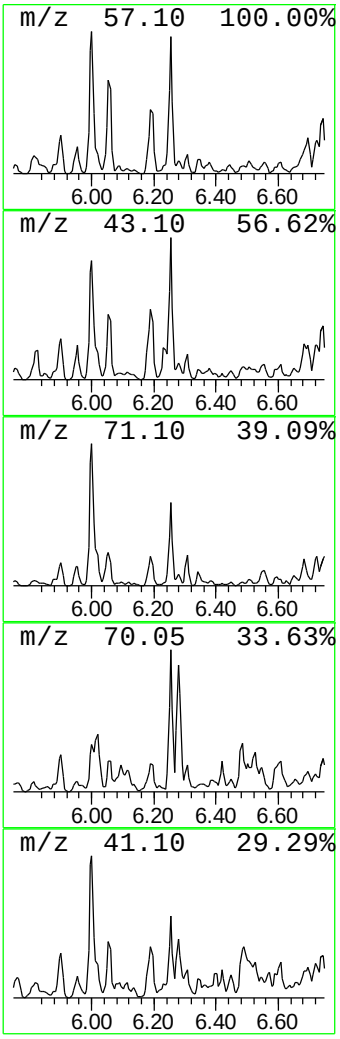
****

Peak Number 5 Nonane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	12.11 ng	1106270	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

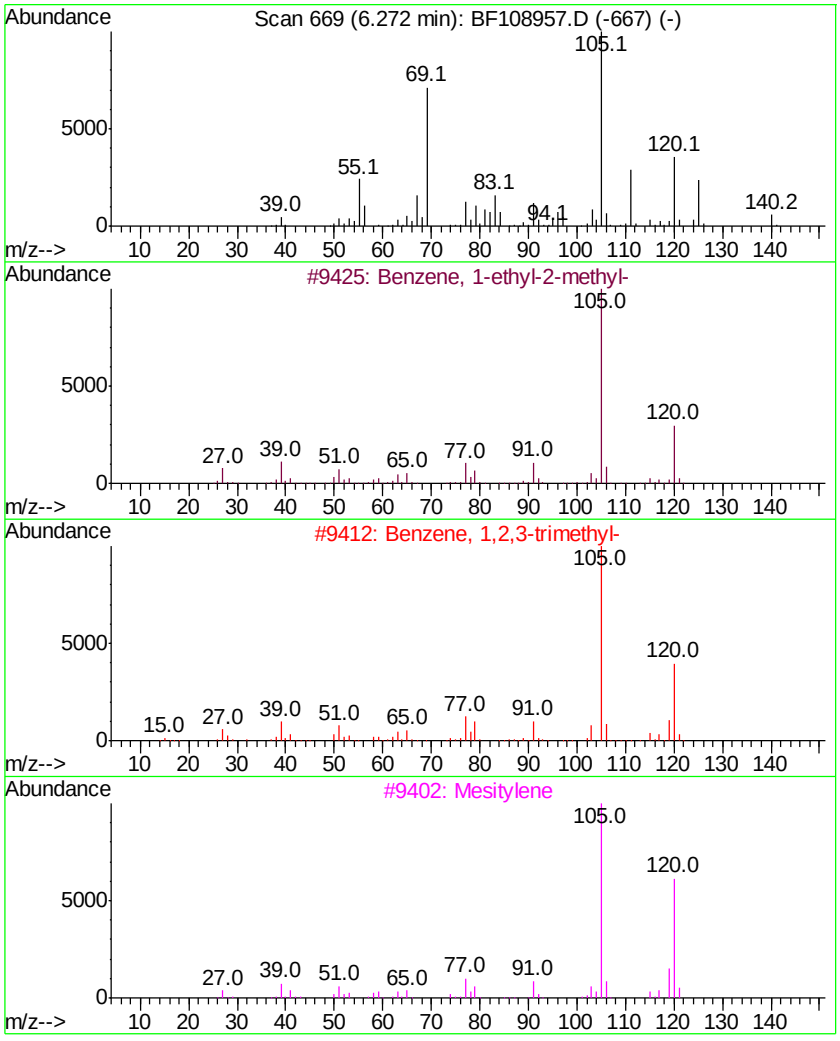
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

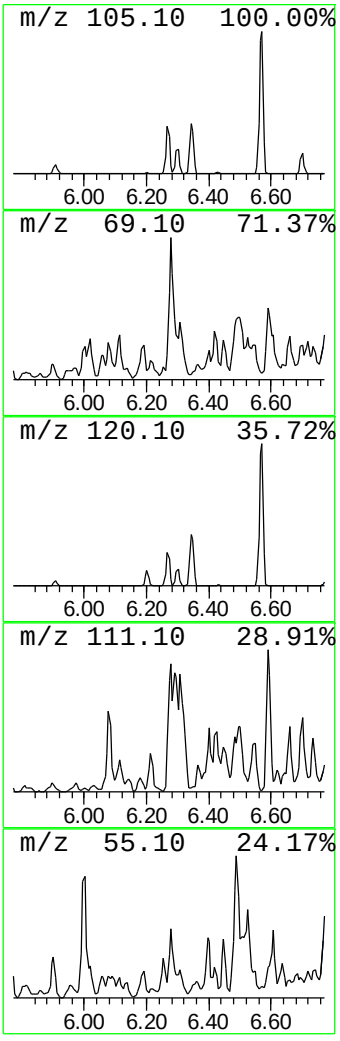
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	16.37 ng	1495450	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
3	Mesitylene	120	C9H12	000108-67-8	46
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	46
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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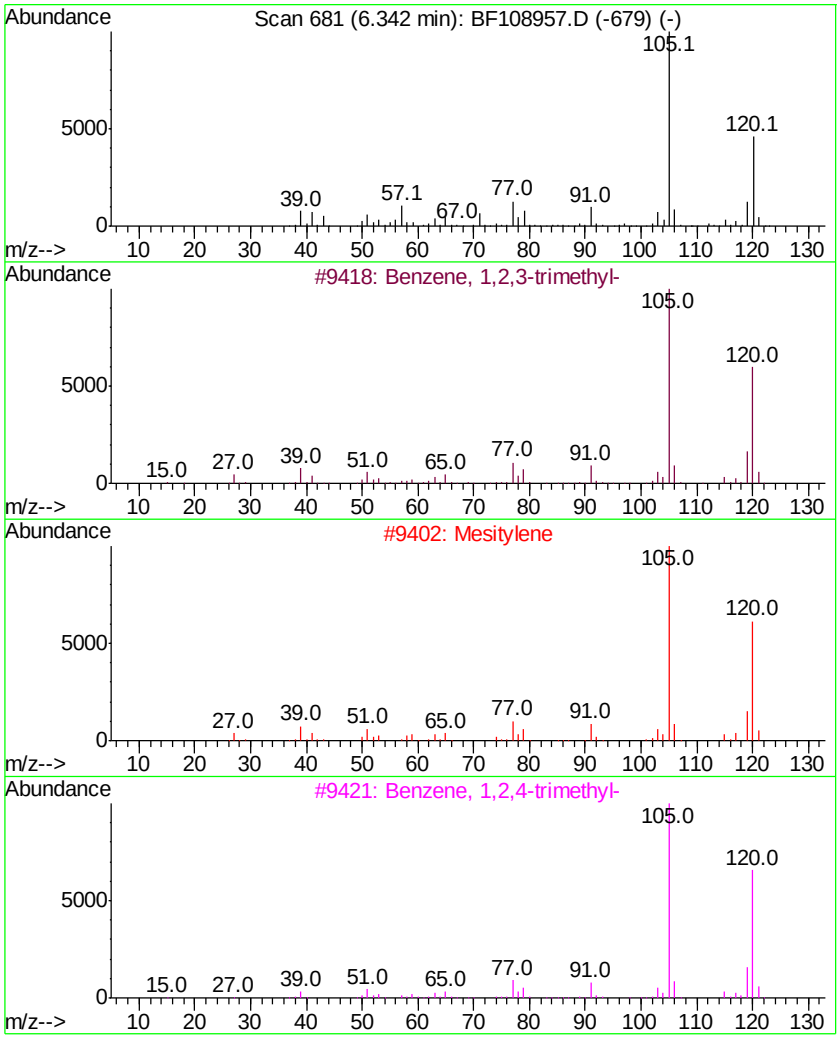
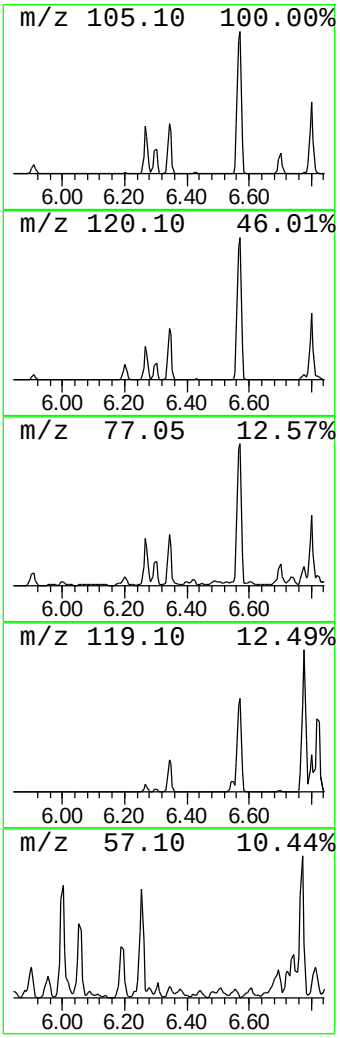
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	11.27 ng	1029910	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





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Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

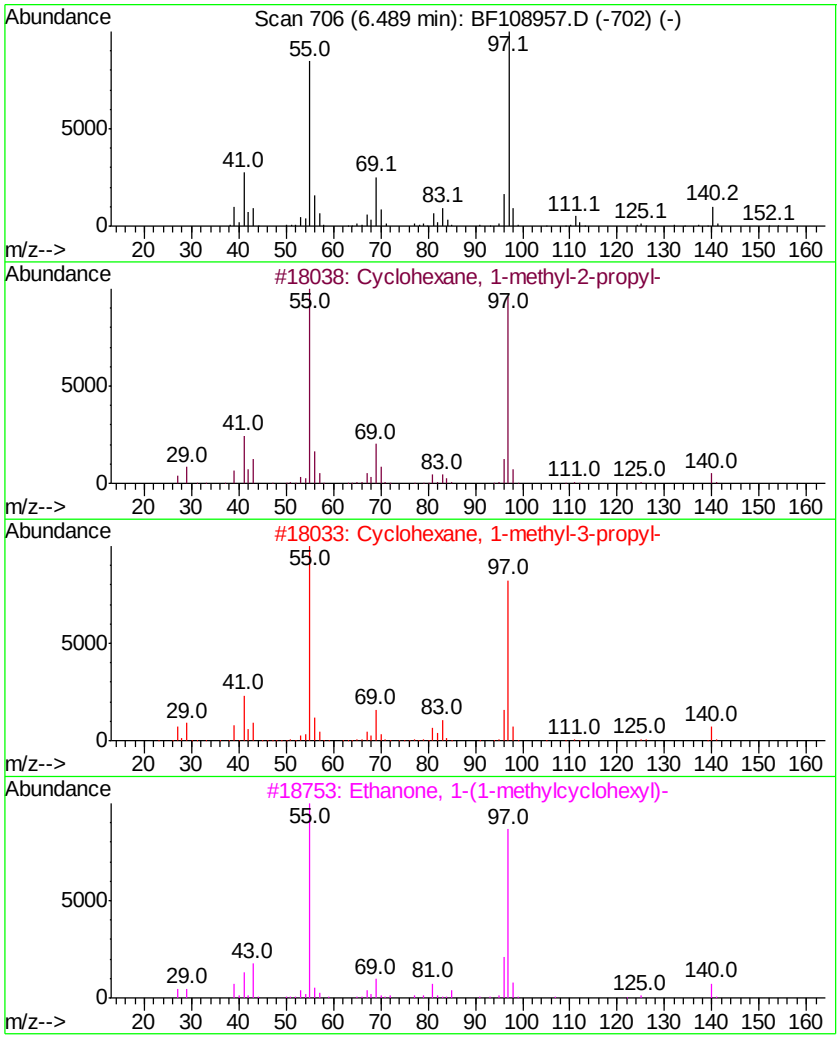
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

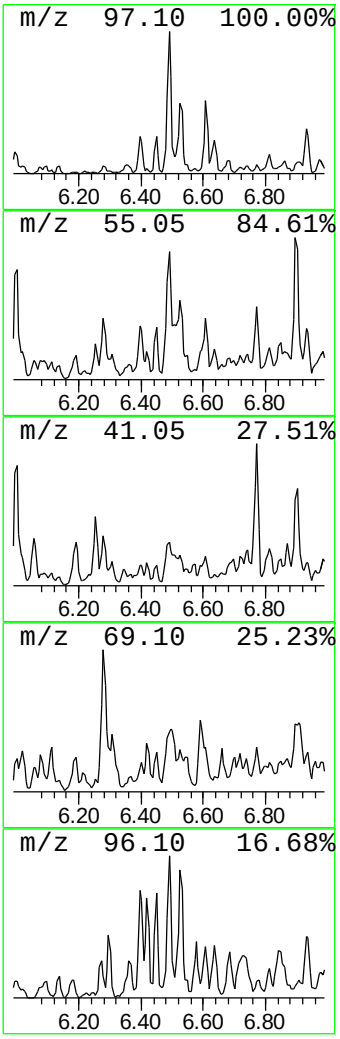
****

Peak Number 9 Cyclohexane, 1-methyl-2-pro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	20.27 ng	1852210	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	74
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64





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Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

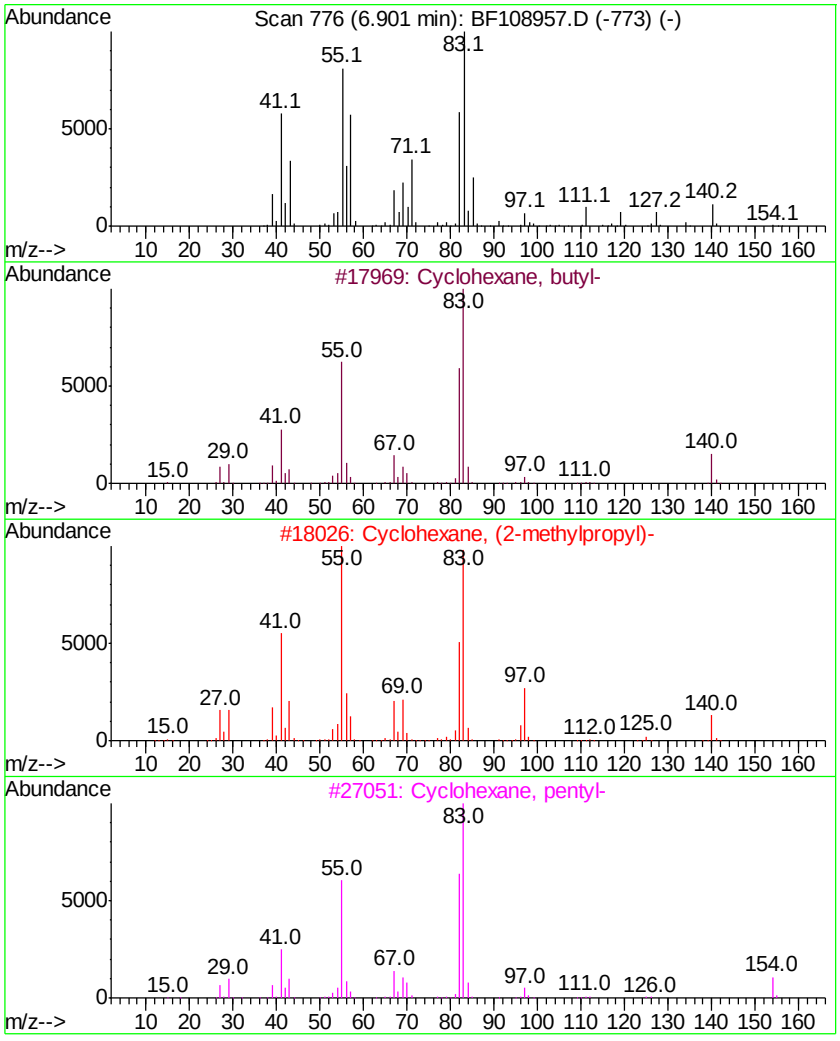
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

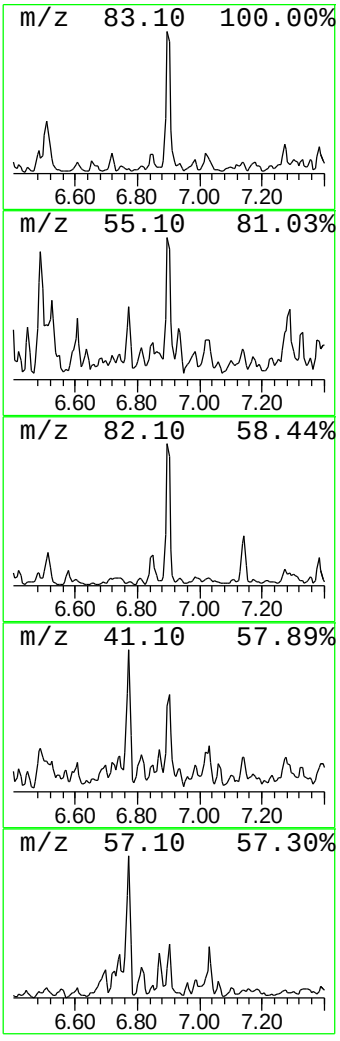
****

Peak Number 12 Cyclohexane, butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	22.22 ng	2030550	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	47





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Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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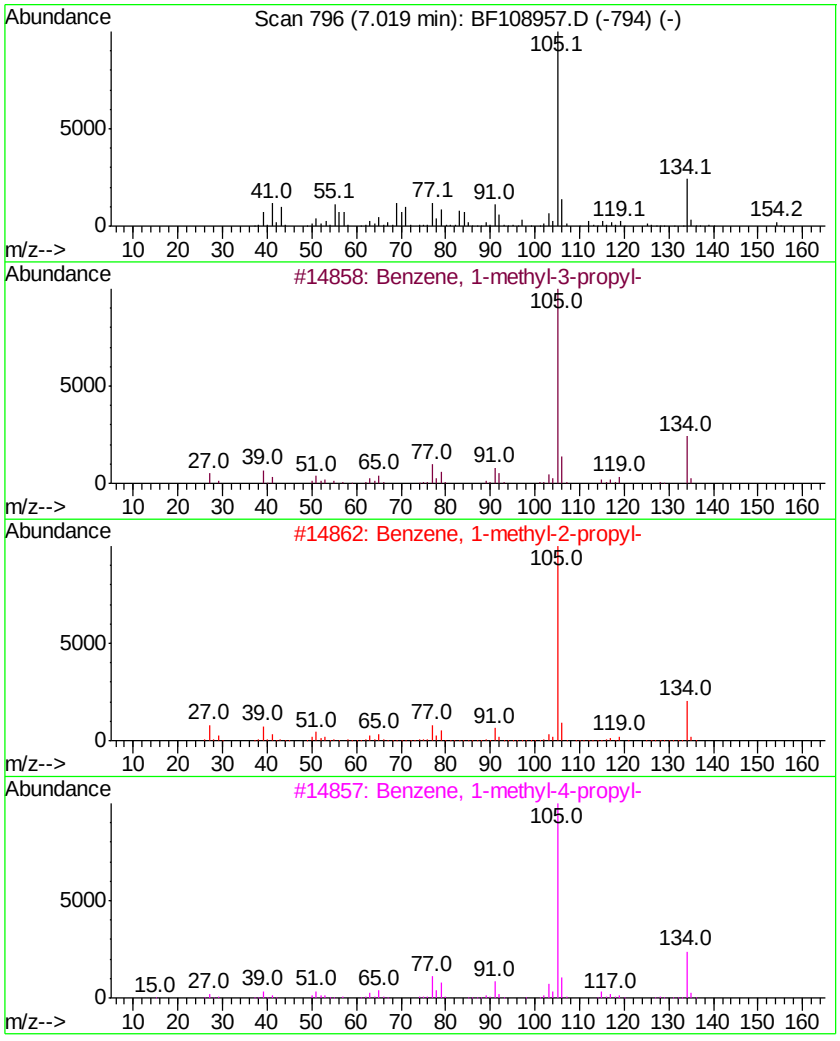
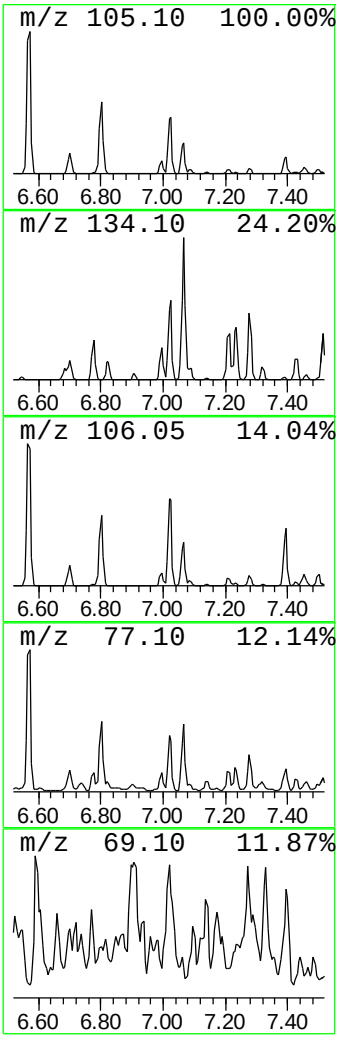
Peak Number 13 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	20.53 ng	1875560	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091218\
Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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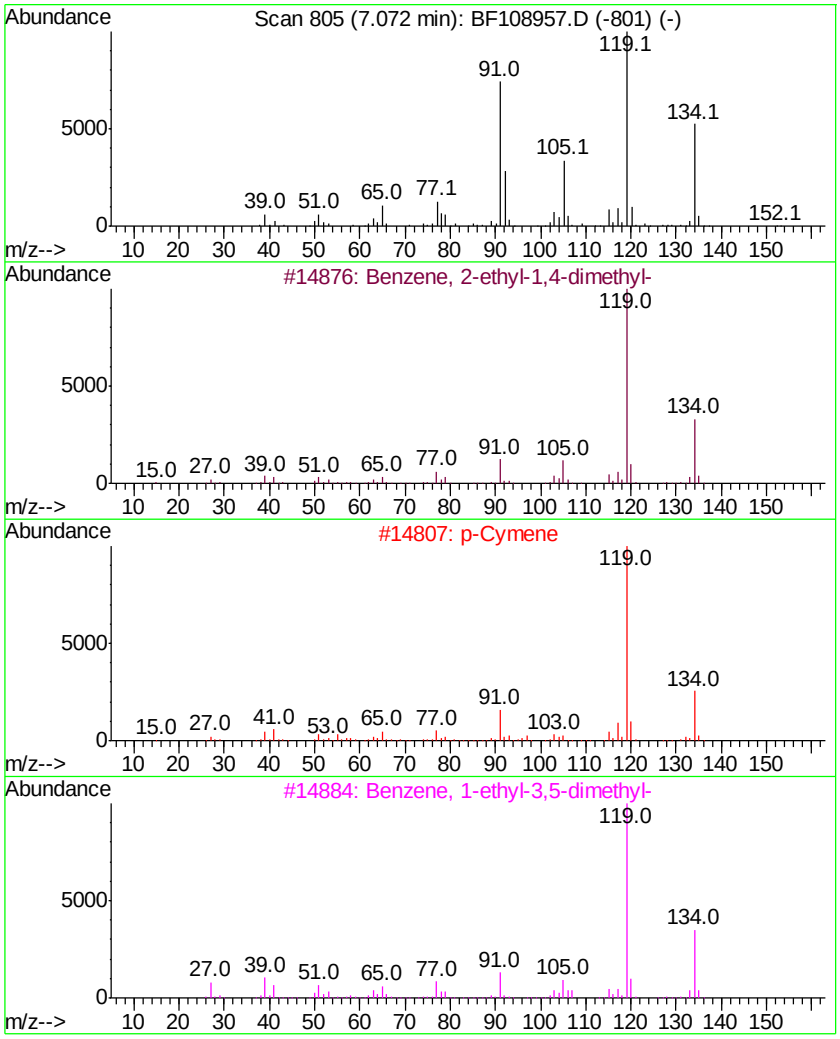
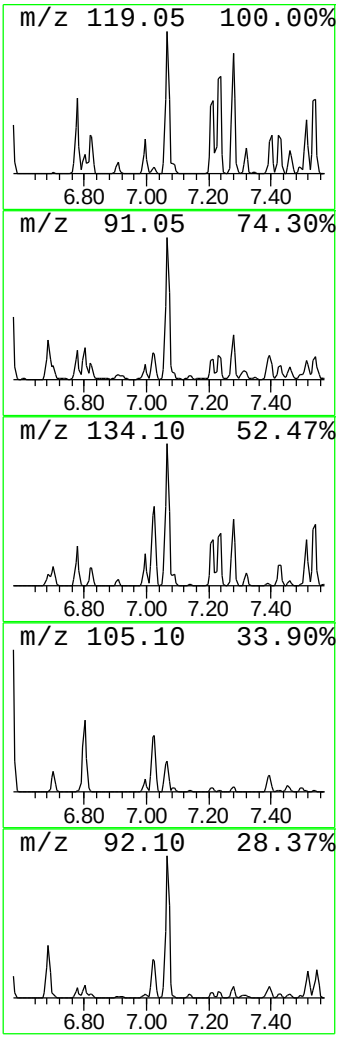
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	16.82 ng	1536760	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90





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Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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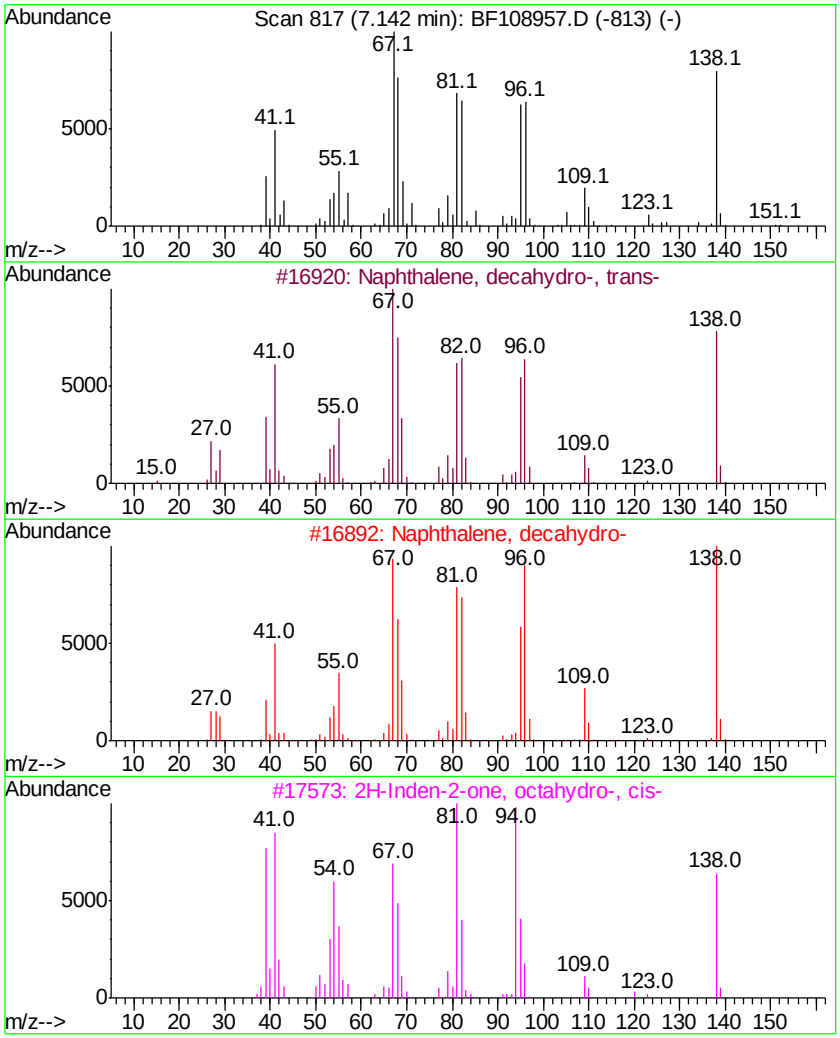
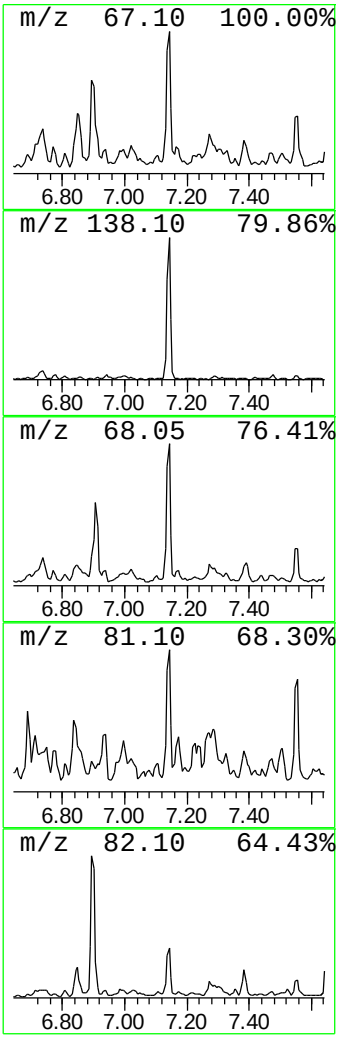
Peak Number 15 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	7.75 ng	707957	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
5	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	64





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Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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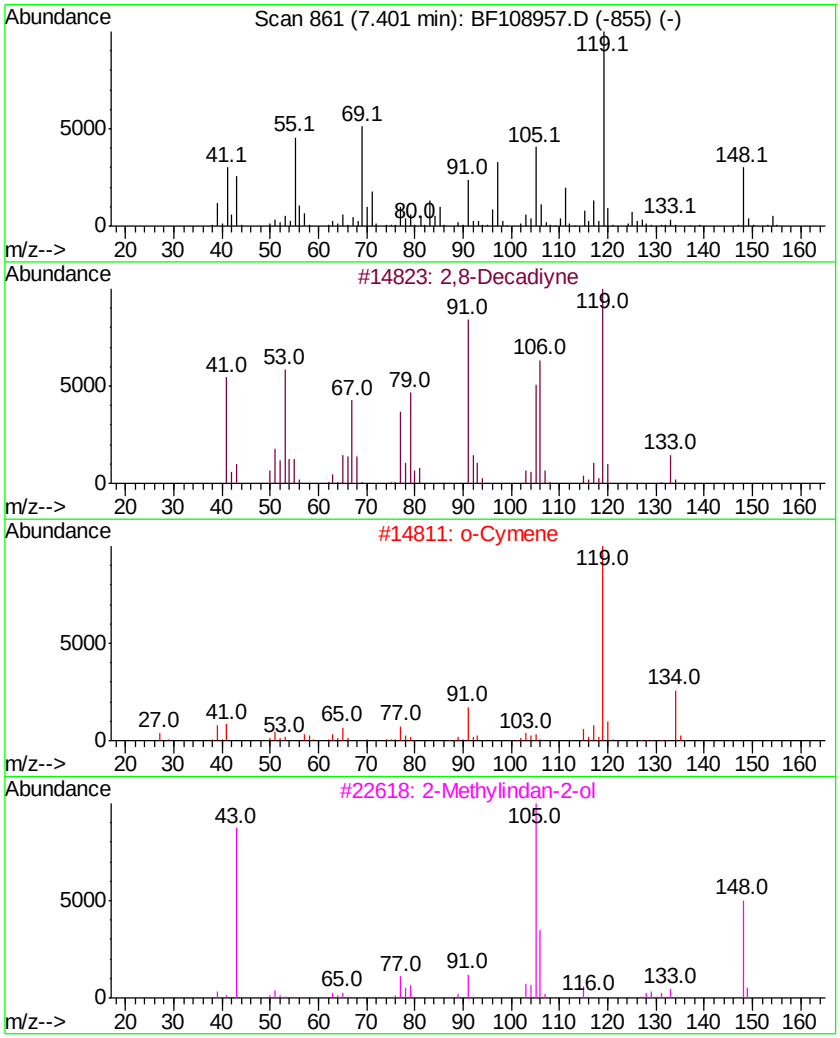
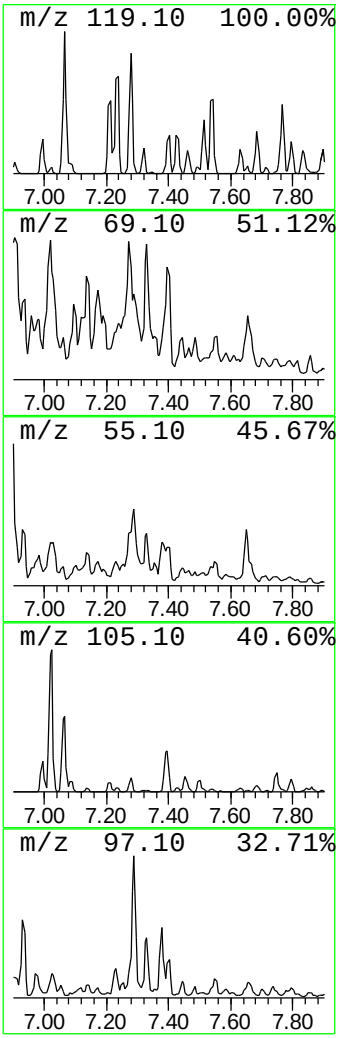
Peak Number 16 2,8-Decadiyne Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	19.41 ng	1291450	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Decadiyne	134	C10H14	004116-93-2	70
2	o-Cymene	134	C10H14	000527-84-4	60
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	55
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	46





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Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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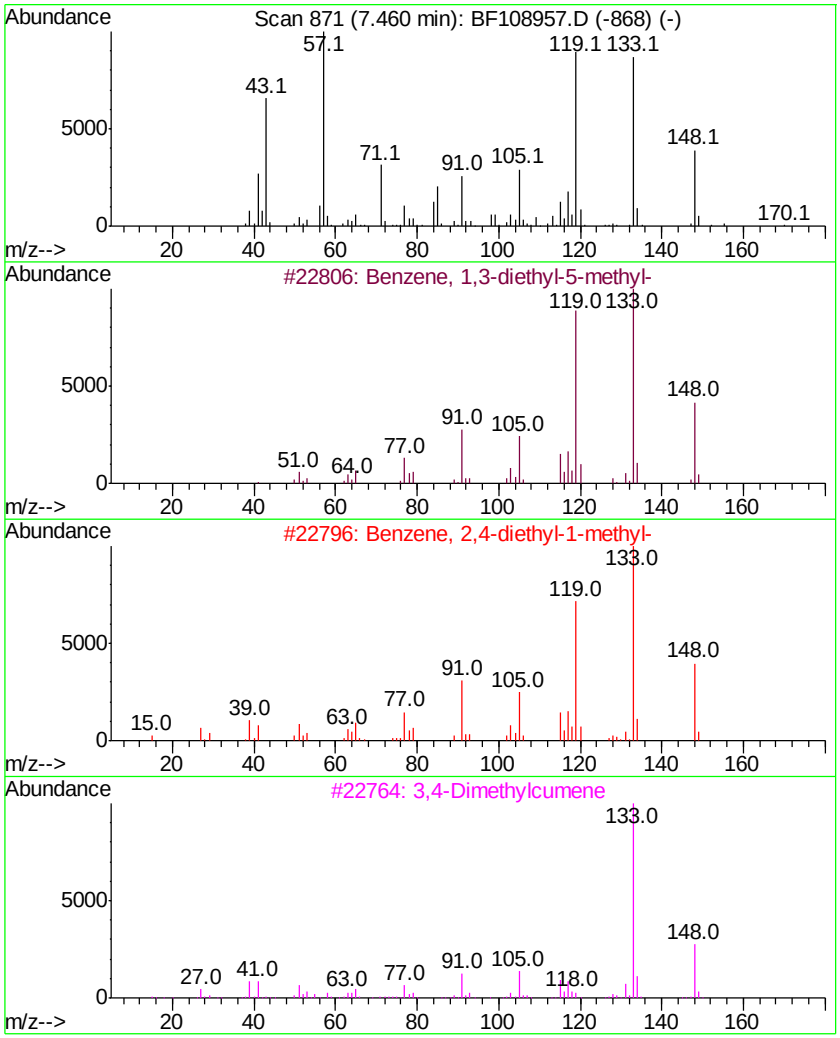
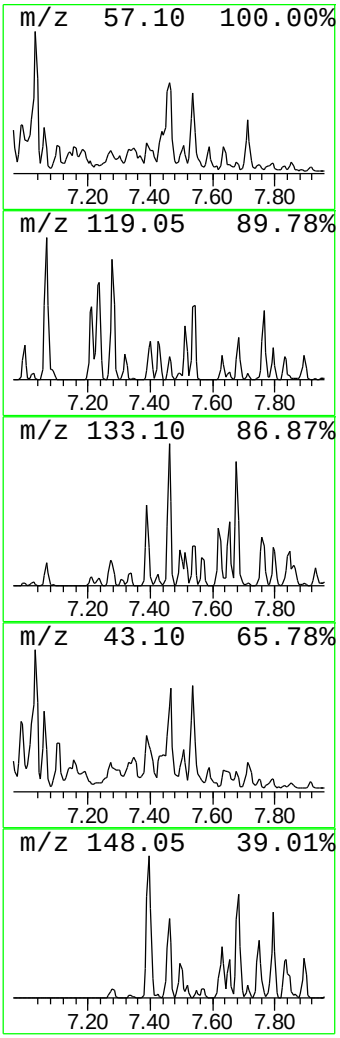
Peak Number 17 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	9.97 ng	663149	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	60
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	50
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	46
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	46





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Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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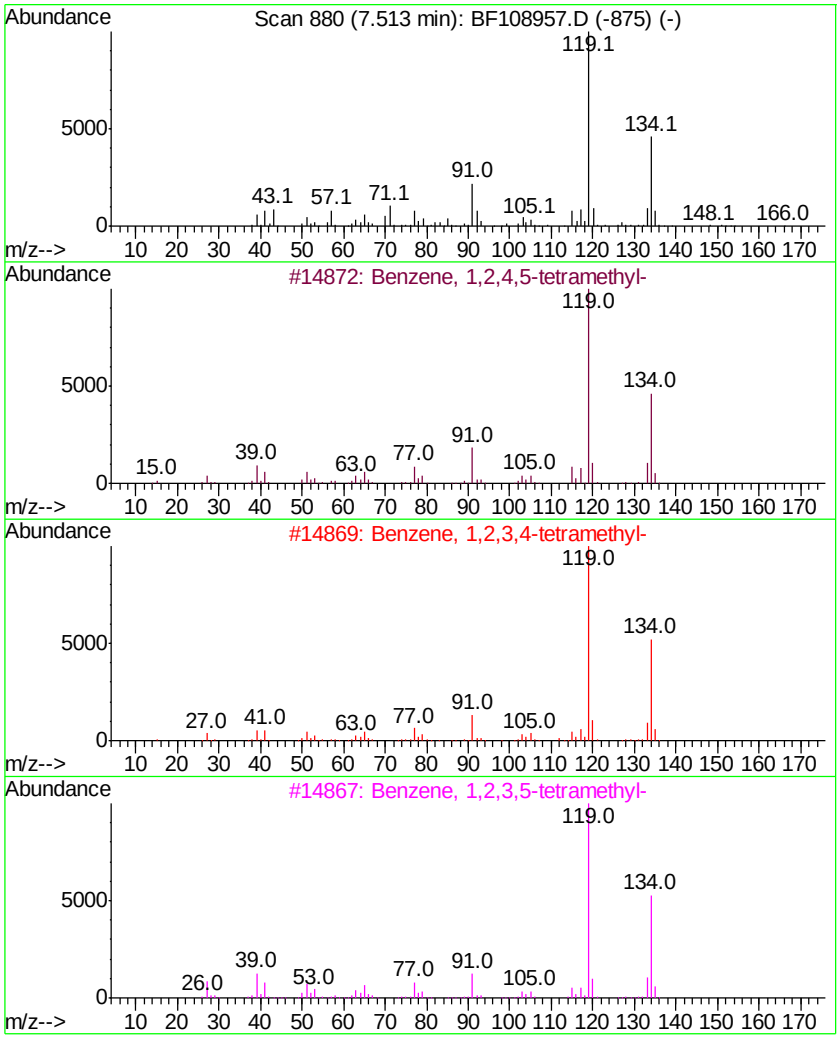
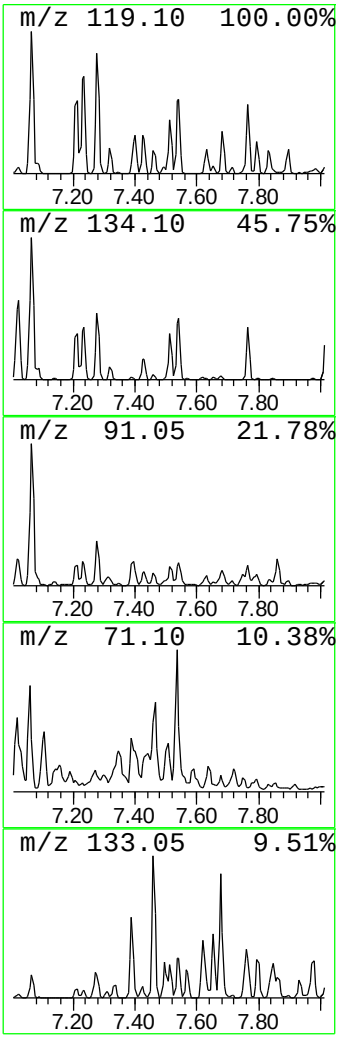
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	7.06 ng	470051	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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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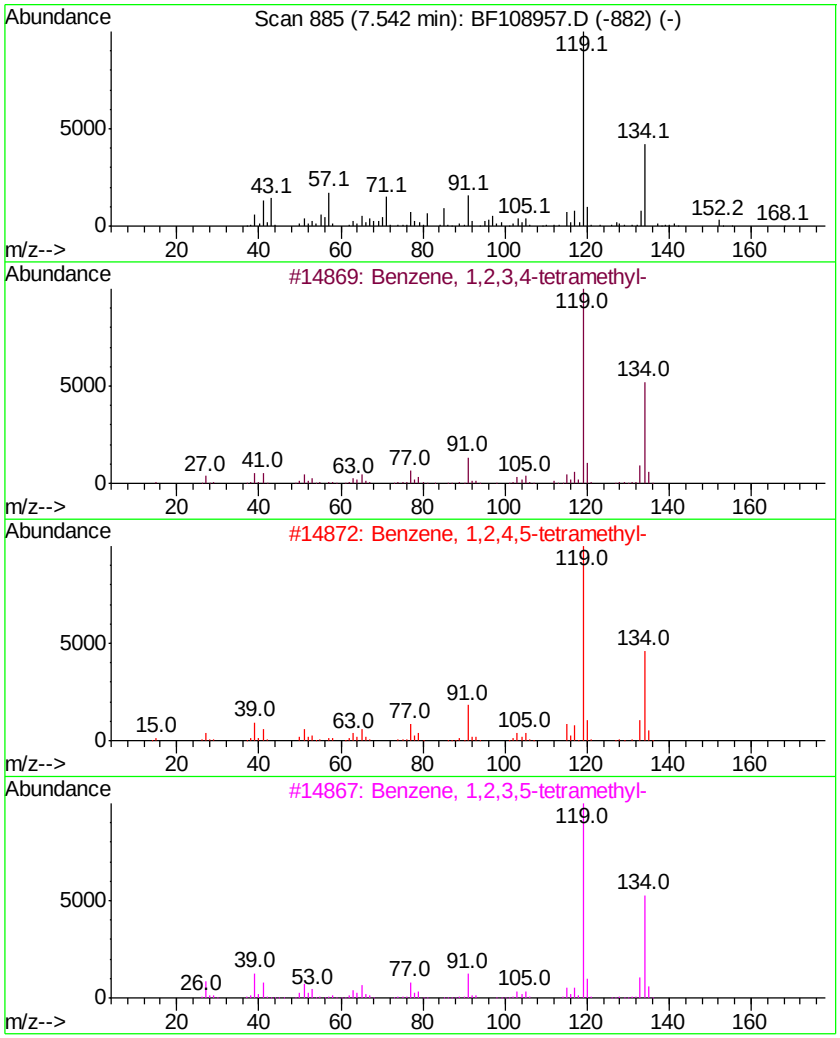
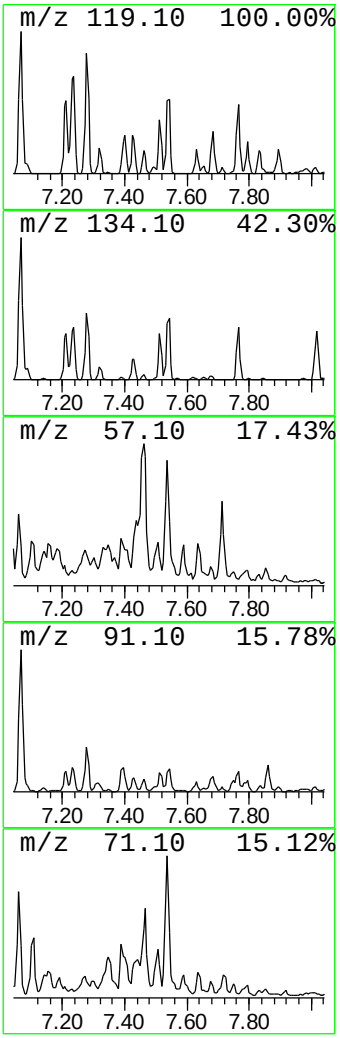
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	18.89 ng	1256840	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	92
4	p-Cymene	134	C10H14	000099-87-6	70
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70





Tentatively Identified Compound (LSC) summary

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Data File : BF108957.D
Acq On : 12 Sep 2018 18:33
Operator : JU/SJ
Sample : J4724-18 50X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown5.90	5.90	12.1	ng	1108150	1	6.74	1827530	20.0
unknown6.00	6.00	28.3	ng	2581400	1	6.74	1827530	20.0
Heptane, 3-ethyl-...	6.05	9.0	ng	822657	1	6.74	1827530	20.0
Decane, 2,5,6-tri...	6.20	16.5	ng	1506740	1	6.74	1827530	20.0
Nonane, 4-methyl-	6.25	12.1	ng	1106270	1	6.74	1827530	20.0
Benzene, 1-ethyl-...	6.27	16.4	ng	1495450	1	6.74	1827530	20.0
Benzene, 1,2,3-tr...	6.34	11.3	ng	1029910	1	6.74	1827530	20.0
Cyclohexane, 1-me...	6.49	20.3	ng	1852210	1	6.74	1827530	20.0
Cyclohexane, butyl-	6.90	22.2	ng	2030550	1	6.74	1827530	20.0
Benzene, 1-methyl...	7.02	20.5	ng	1875560	1	6.74	1827530	20.0
Benzene, 2-ethyl-...	7.07	16.8	ng	1536760	1	6.74	1827530	20.0
Naphthalene, deca...	7.14	7.8	ng	707957	1	6.74	1827530	20.0
2,8-Decadiyne	7.40	19.4	ng	1291450	2	8.02	1330810	20.0
Benzene, 1,3-diet...	7.46	10.0	ng	663149	2	8.02	1330810	20.0
Benzene, 1,2,4,5-...	7.51	7.1	ng	470051	2	8.02	1330810	20.0
Benzene, 1,2,3,4-...	7.54	18.9	ng	1256840	2	8.02	1330810	20.0