

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124072.D
 Acq On : 26 May 2021 19:36
 Operator : JU/CG
 Sample : M2535-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1D

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-BF051421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124072.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	19	36	41	rBV	2677143	6279587	4.20%	0.488%
2	2.487	55	68	73	rBV	782362	1748830	1.17%	0.136%
3	3.046	144	163	169	rBV	1056936	3321820	2.22%	0.258%
4	3.152	171	181	185	rVV	917025	2696482	1.80%	0.210%
5	3.199	185	189	195	rVV2	1029260	2352572	1.57%	0.183%
6	3.257	196	199	218	rVB4	622814	1965688	1.32%	0.153%
7	3.657	249	267	276	rBV2	2934629	12498986	8.36%	0.971%
8	3.799	277	291	296	rVV	3308265	11039512	7.39%	0.858%
9	3.852	297	300	311	rVV	1348374	3737941	2.50%	0.290%
10	4.063	312	336	343	rVV2	9823819	42707467	28.58%	3.319%
11	4.140	343	349	353	rVV	3288861	6055865	4.05%	0.471%
12	4.287	364	374	377	rBV2	5042123	11285028	7.55%	0.877%
13	4.316	377	379	389	rVB	1994187	2836468	1.90%	0.220%
14	4.599	415	427	436	rBV2	5559430	16234700	10.86%	1.262%
15	4.687	439	442	449	rVB3	2511311	3594940	2.41%	0.279%
16	4.775	453	457	463	rVB	1415489	1963959	1.31%	0.153%
17	4.987	484	493	497	rBV	1311219	2847163	1.91%	0.221%
18	5.081	497	509	515	rBV3	3668581	11203437	7.50%	0.871%
19	5.146	516	520	527	rVB	1185352	2153722	1.44%	0.167%
20	5.351	548	555	558	rBV3	885106	2335096	1.56%	0.181%
21	5.434	558	569	573	rBV	6009736	21403320	14.32%	1.663%
22	5.916	631	651	661	rVB3	29416131	116150261	77.72%	9.027%
23	6.022	665	669	670	rBV	2368076	2849327	1.91%	0.221%
24	6.134	681	688	689	rBV3	4254940	6706438	4.49%	0.521%
25	6.210	697	701	705	rBV5	2012243	4104368	2.75%	0.319%
26	6.404	729	734	738	rBV	3442446	7799065	5.22%	0.606%
27	6.604	740	768	769	rBV6	22947279	149452606	100.00%	11.615%
28	6.922	799	822	823	rBV2	30130789	147721560	98.84%	11.480%
29	6.981	828	832	836	rBV2	2873052	4087806	2.74%	0.318%
30	7.069	841	847	849	rBV	14744558	20620788	13.80%	1.603%
31	7.122	853	856	861	rVB2	15687014	20139058	13.48%	1.565%
32	7.169	861	864	866	rBV	8604600	8393051	5.62%	0.652%
33	7.222	871	873	875	rVB2	12227452	8427092	5.64%	0.655%
34	7.322	875	890	892	rBV2	19879628	74987939	50.18%	5.828%
35	7.375	895	899	902	rVB4	25673382	32805750	21.95%	2.550%
36	7.422	903	907	909	rVB	7718111	9650521	6.46%	0.750%

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37	7.487	909	918	923	rBV3	9973736	32410315	21.69%	2.519%
38	7.534	923	926	927	rBV	6712631	4891221	3.27%	0.380%
39	7.581	927	934	936	rBV	16524516	27932336	18.69%	2.171%
40	7.645	941	945	948	rVV4	6425601	9255995	6.19%	0.719%
41	7.687	948	952	958	rVV2	12386298	17506124	11.71%	1.360%
42	7.757	958	964	965	rVV2	9933620	15206884	10.18%	1.182%
43	7.787	965	969	971	rVV2	14301402	27262858	18.24%	2.119%
44	7.816	971	974	977	rVV	20195139	23780701	15.91%	1.848%
45	7.875	979	984	987	rVV2	4526796	9305135	6.23%	0.723%
46	7.910	987	990	991	rVV	7362779	8195700	5.48%	0.637%
47	7.940	991	995	997	rVV	16232864	26051755	17.43%	2.025%
48	7.963	997	999	1001	rVV2	15782131	14751606	9.87%	1.146%
49	8.016	1001	1008	1010	rVV3	25658588	46866855	31.36%	3.642%
50	8.045	1010	1013	1016	rVV4	30495775	35681612	23.87%	2.773%
51	8.092	1016	1021	1022	rVV2	10090158	13638433	9.13%	1.060%
52	8.122	1022	1026	1029	rVB	13016581	13295865	8.90%	1.033%
53	8.245	1036	1047	1049	rBV2	11670773	23430294	15.68%	1.821%
54	8.298	1049	1056	1058	rVV4	17261841	40188521	26.89%	3.123%
55	8.322	1058	1060	1061	rVB2	17621395	11780619	7.88%	0.916%
56	8.392	1069	1072	1075	rVV	3903364	3942480	2.64%	0.306%
57	8.434	1077	1079	1083	rVB2	2241181	1633624	1.09%	0.127%
58	8.481	1083	1087	1088	rBV2	2790945	2489569	1.67%	0.193%
59	8.510	1088	1092	1096	rVV3	11175833	11911192	7.97%	0.926%
60	8.575	1101	1103	1104	rVV	2415293	1889467	1.26%	0.147%
61	8.616	1104	1110	1114	rVB4	9006902	13808086	9.24%	1.073%
62	8.692	1119	1123	1125	rVB	3558326	3251109	2.18%	0.253%
63	8.722	1125	1128	1133	rVB3	5044892	5206643	3.48%	0.405%
64	8.804	1139	1142	1145	rBV	6301757	5836592	3.91%	0.454%
65	8.957	1159	1168	1170	rVV	12651149	22562105	15.10%	1.753%
66	9.010	1174	1177	1178	rBV	2765672	2423235	1.62%	0.188%
67	9.045	1178	1183	1186	rVV	8609386	12391070	8.29%	0.963%
68	9.134	1195	1198	1203	rVB4	1793939	2147760	1.44%	0.167%
69	9.263	1217	1220	1230	rVB2	2442316	2539735	1.70%	0.197%
70	9.457	1250	1253	1259	rVB	1417852	1731076	1.16%	0.135%
71	9.534	1260	1266	1269	rVB	1818792	2542069	1.70%	0.198%
72	9.604	1270	1278	1280	rBV	2360423	3063750	2.05%	0.238%
73	13.010	1852	1857	1860	rBV	1987985	1786098	1.20%	0.139%

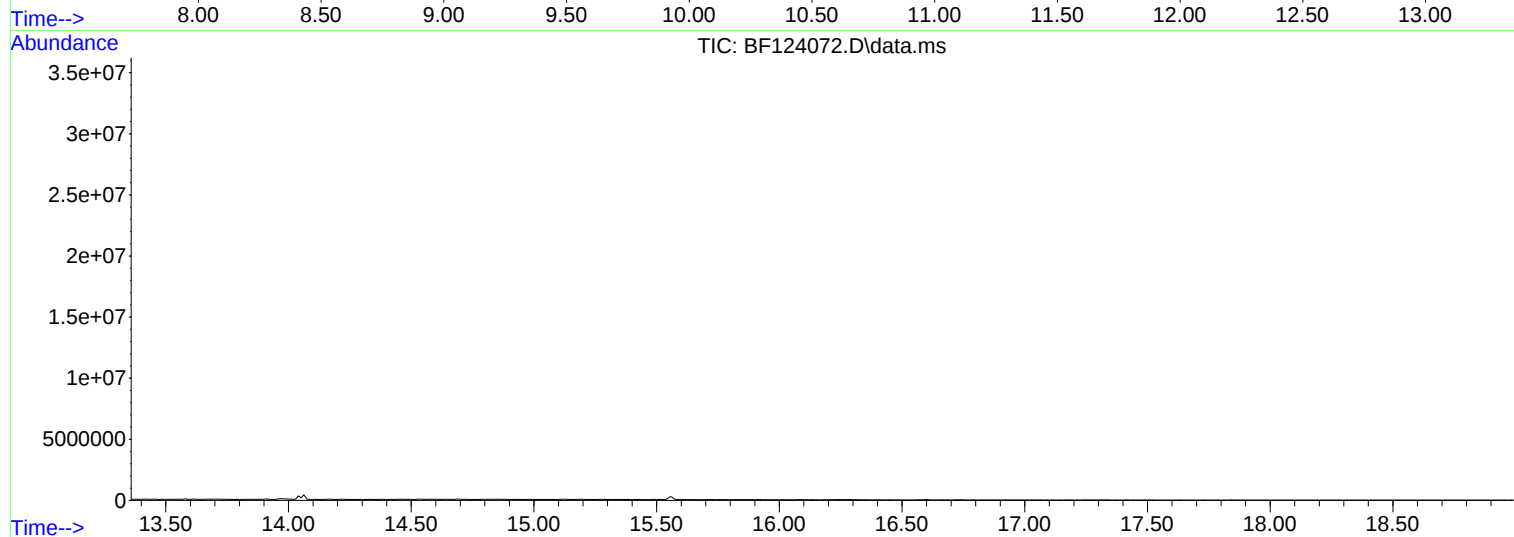
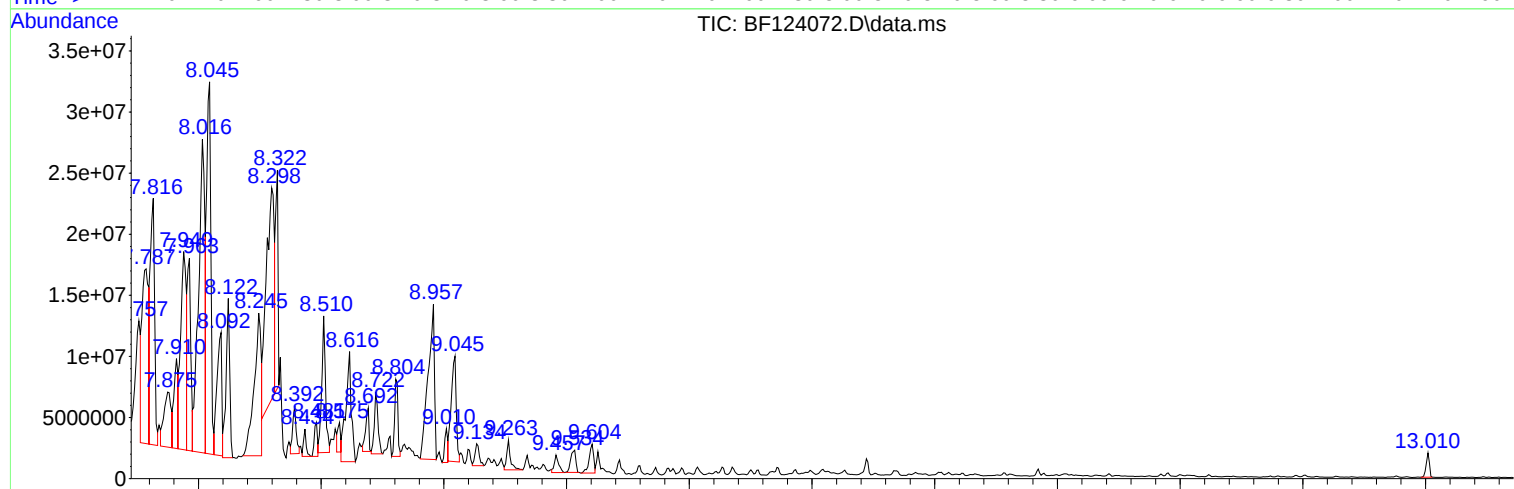
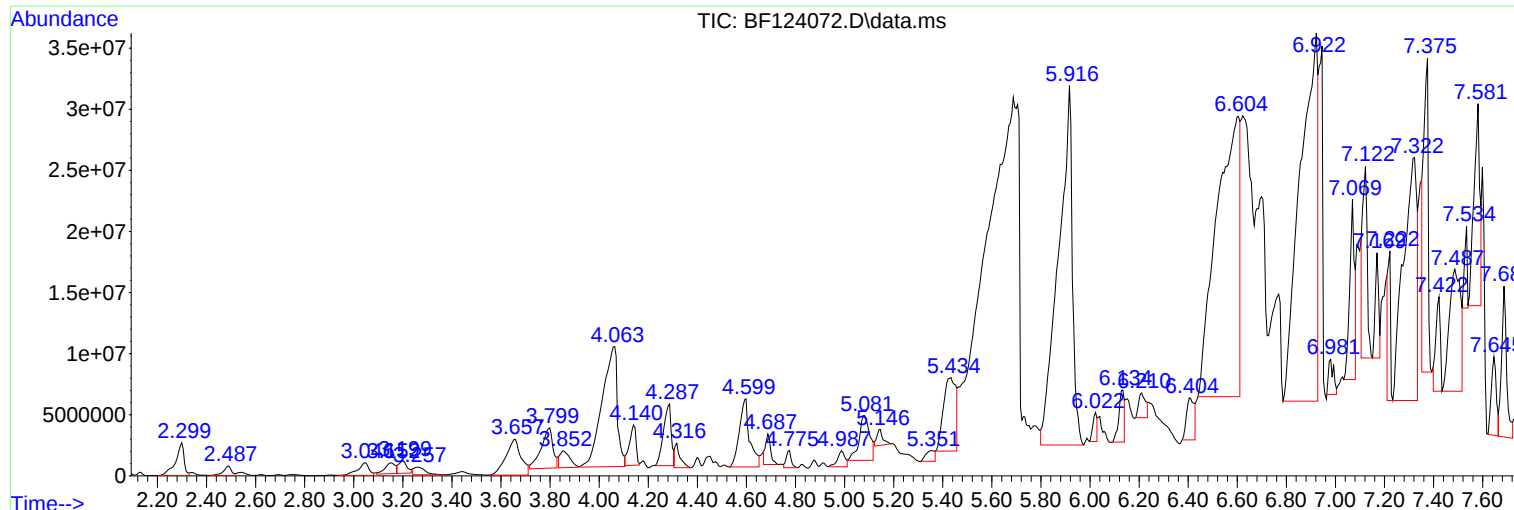
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Instrument :
BNA_F
ClientSampleId :
GHOST-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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\BF052621\
Data File : BF124072.D
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Operator : JU/CG
Sample : M2535-01
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Instrument :
BNA_F
ClientSampleId :
GHOST-1D

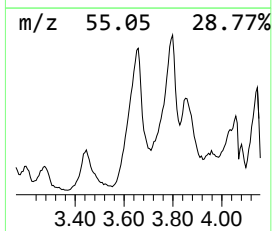
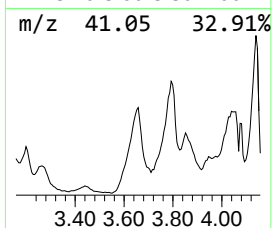
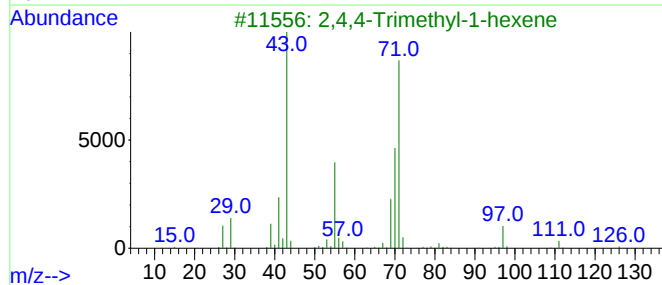
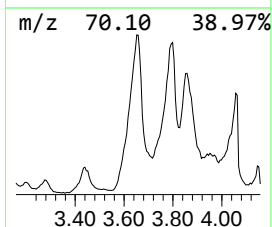
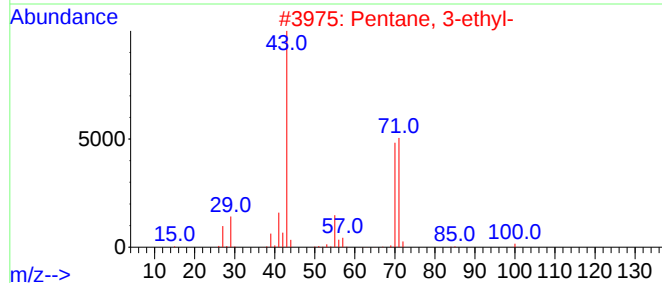
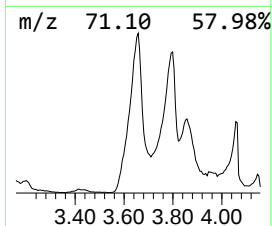
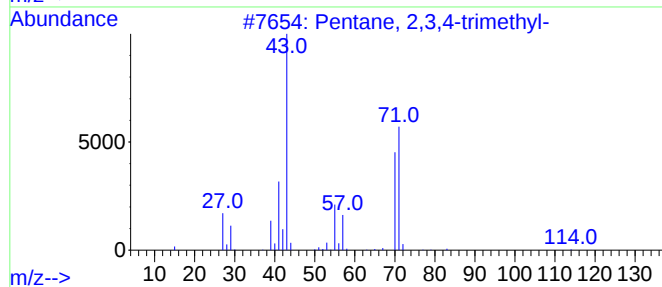
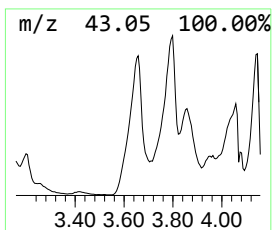
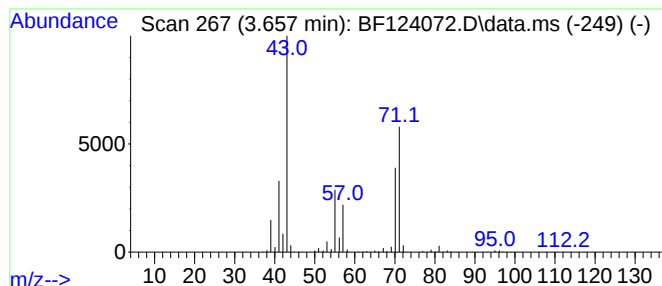
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.657	12.12 ng	12499000	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
3			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	72
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	45



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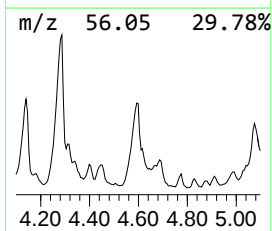
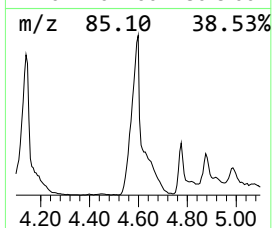
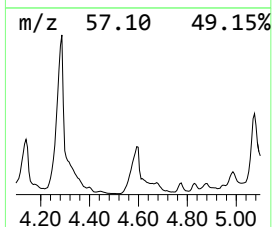
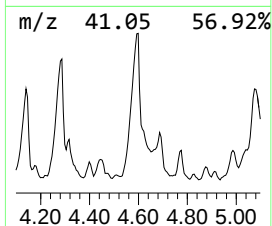
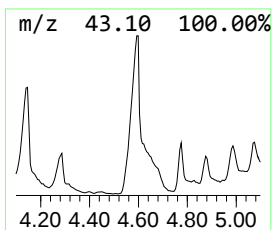
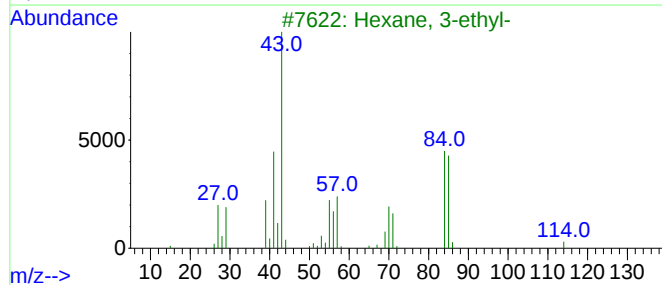
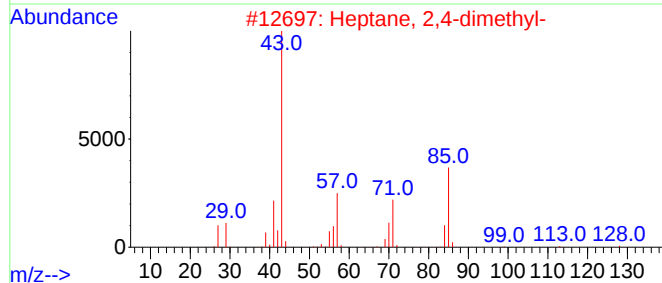
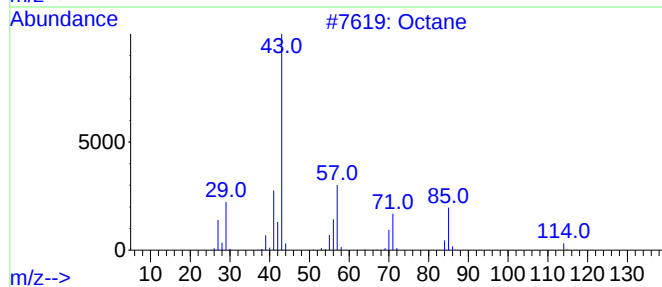
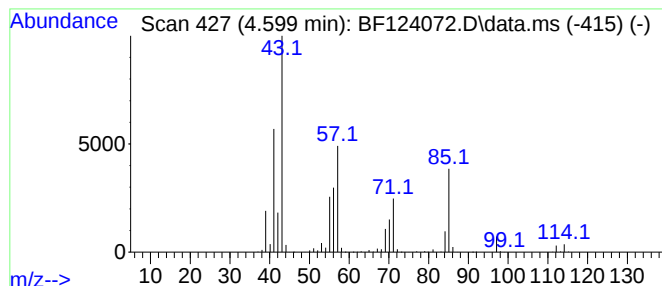
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.599	15.75 ng	16234700	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	72
2	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64
3	Hexane, 3-ethyl-			114	C8H18	000619-99-8	64
4	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	59
5	Sulfurous acid, hexyl pentadecyl...			376	C21H44O3S	1000309-13-7	59



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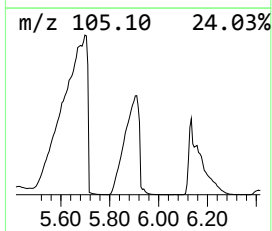
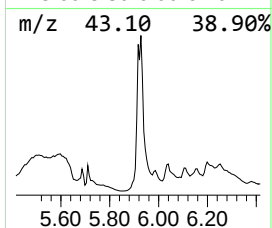
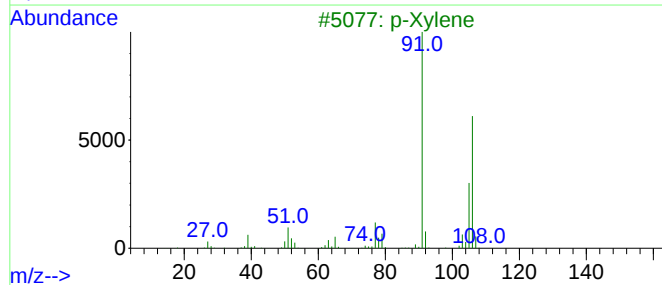
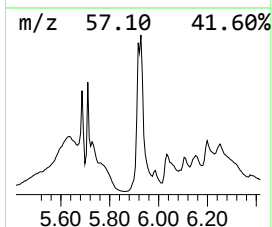
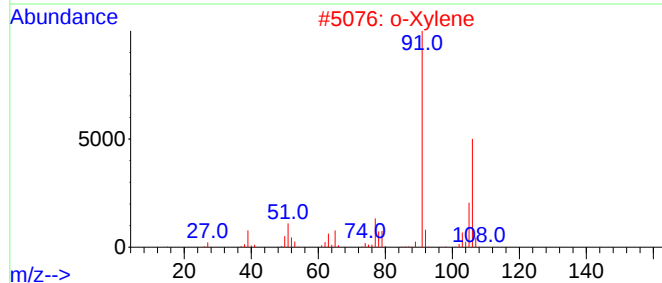
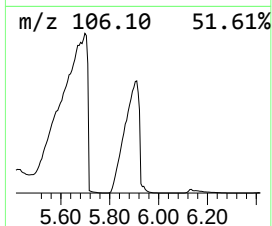
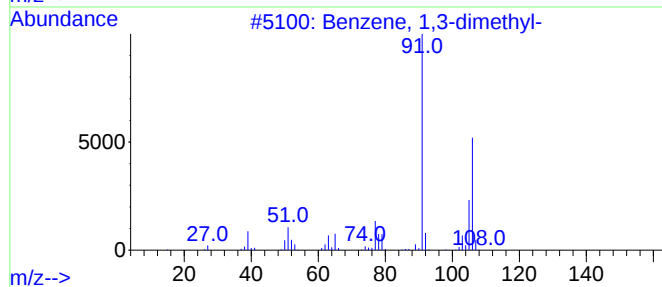
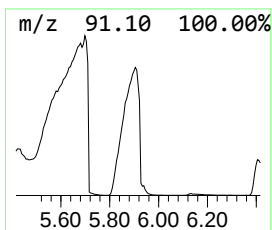
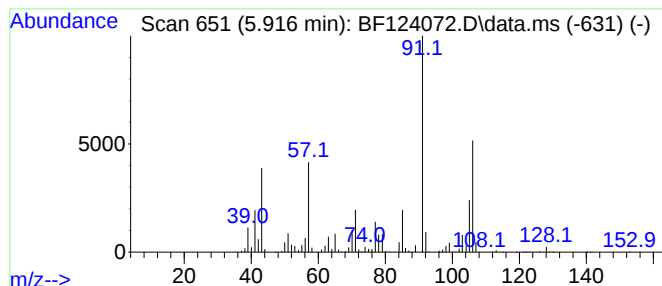
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.916	112.65 ng	116150000	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	93
2			o-Xylene	106	C8H10	000095-47-6	93
3			p-Xylene	106	C8H10	000106-42-3	91
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	53
5			Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	49



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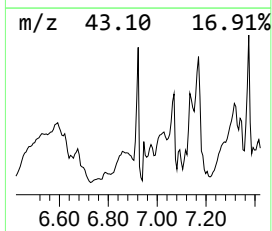
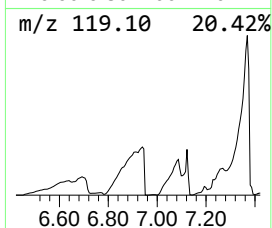
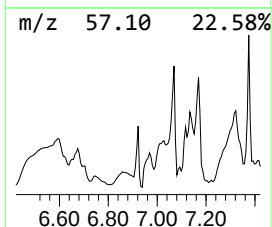
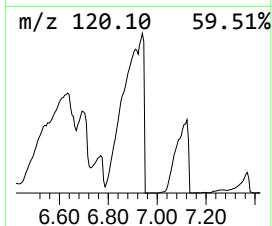
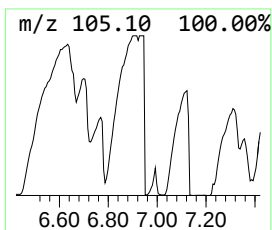
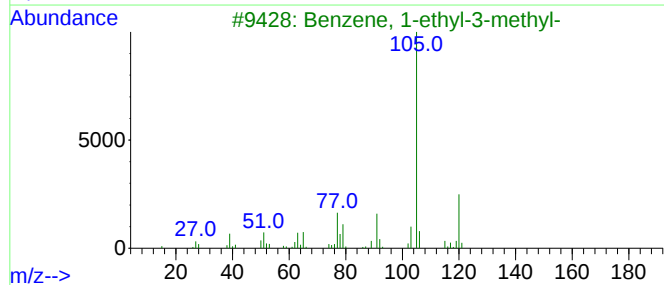
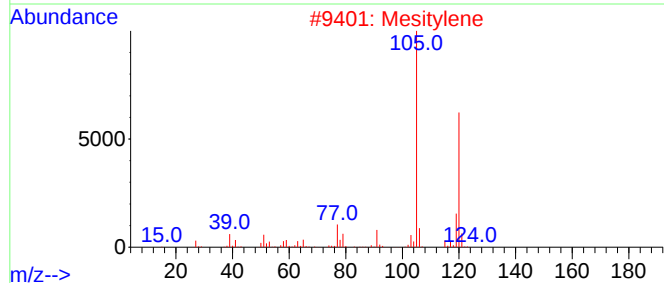
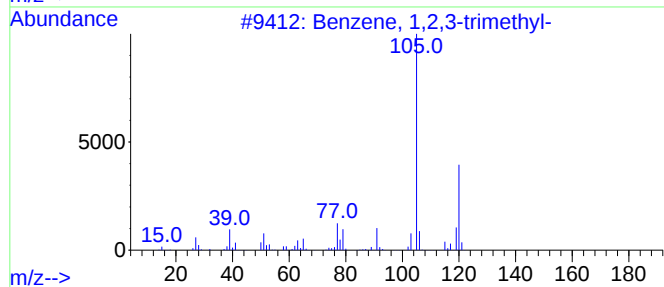
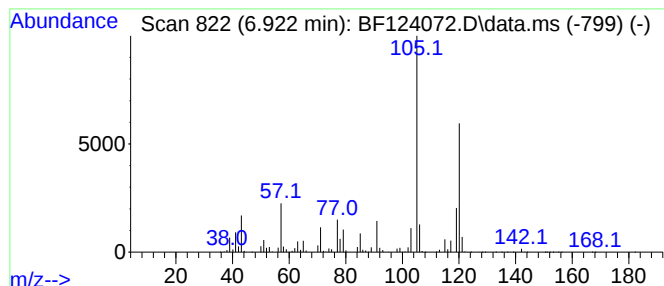
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	143.27 ng	147722000	1,4-Dichlorobenzene-d4	7.034

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	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-1D

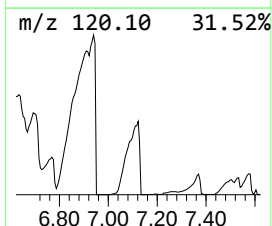
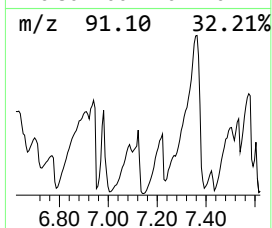
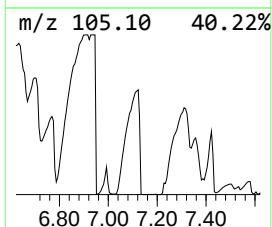
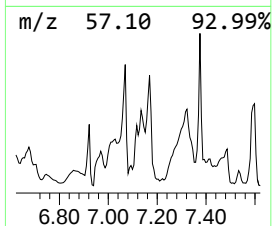
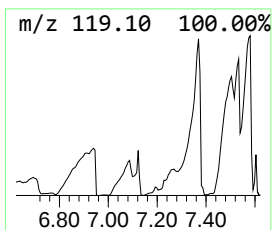
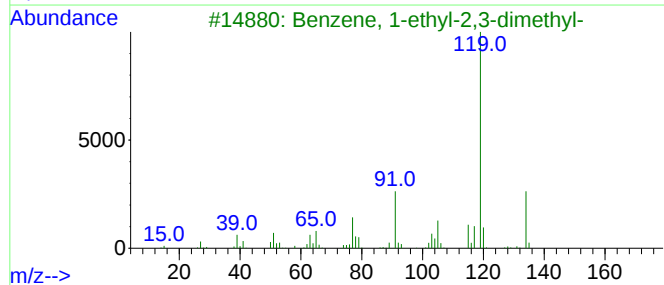
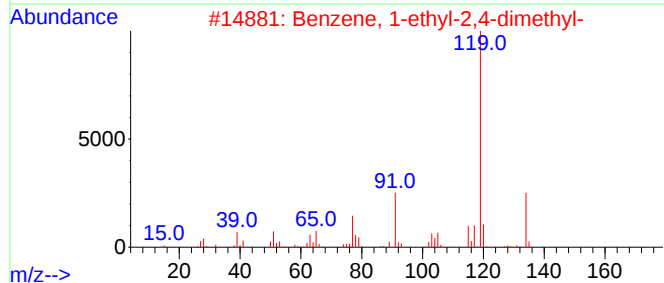
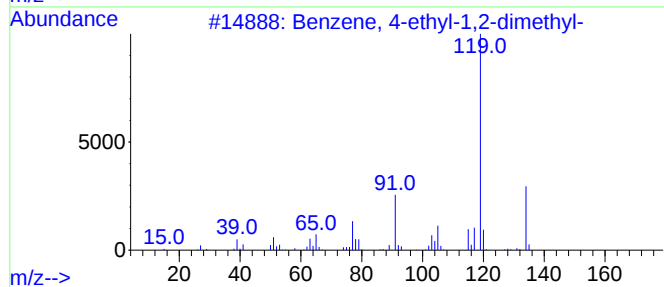
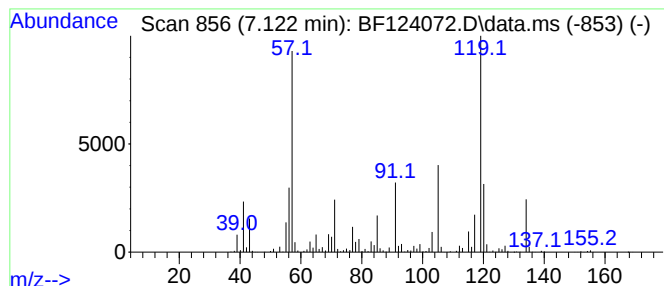
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	19.53 ng	20139100	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
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Sample : M2535-01
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ClientSampleId :
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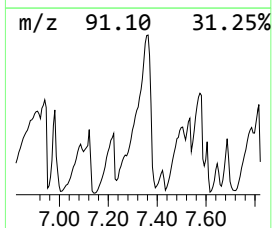
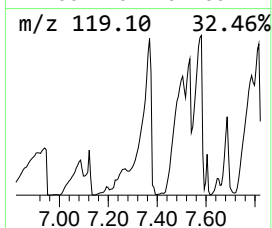
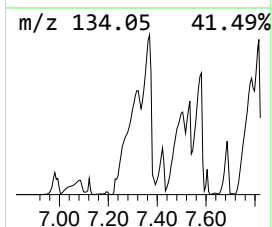
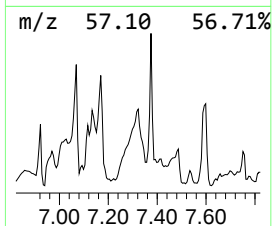
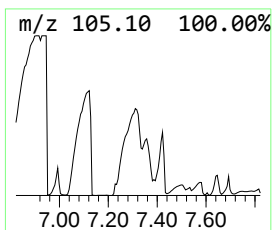
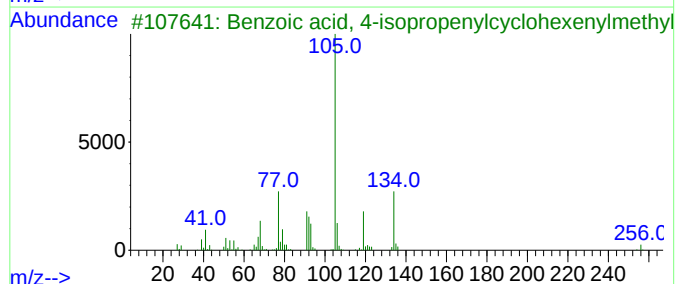
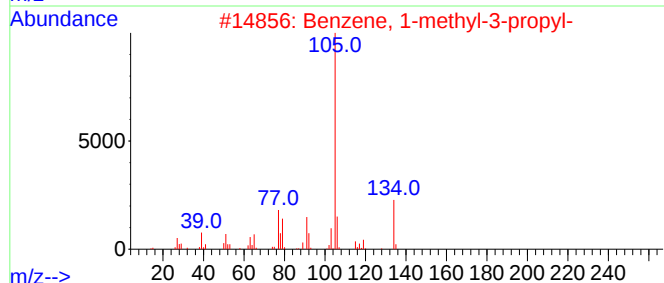
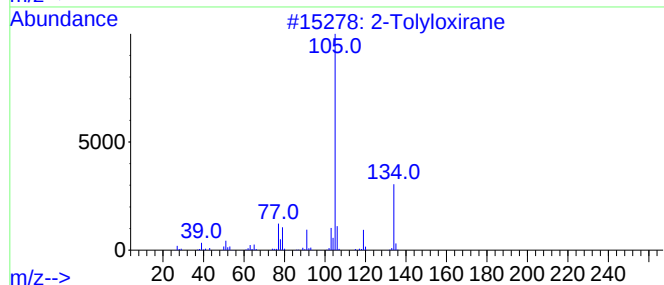
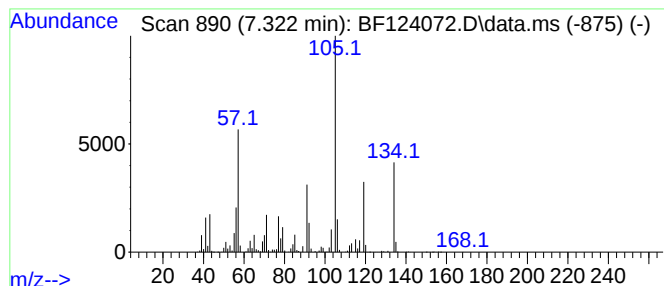
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Tolyloxirane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.322	72.73 ng	74987900	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tolyloxirane			134	C9H10O	002783-26-8	64
2	Benzene, 1-methyl-3-propyl-			134	C10H14	001074-43-7	64
3	Benzoic acid, 4-isopropenylcyclo...			256	C17H20O2	1000196-48-6	59
4	Oxirane, 2-methyl-2-phenyl-			134	C9H10O	002085-88-3	49
5	Benzeneacetaldehyde, .alpha.-met...			134	C9H10O	000093-53-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
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Sample : M2535-01
Misc :
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Instrument :
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ClientSampleId :
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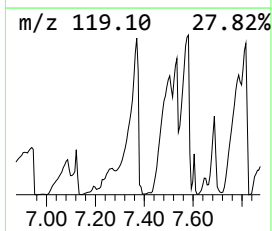
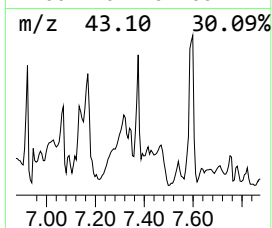
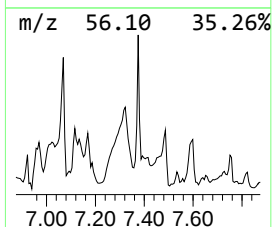
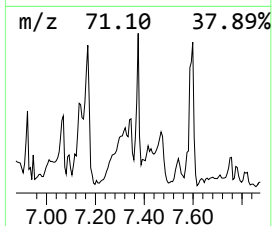
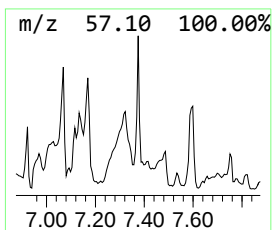
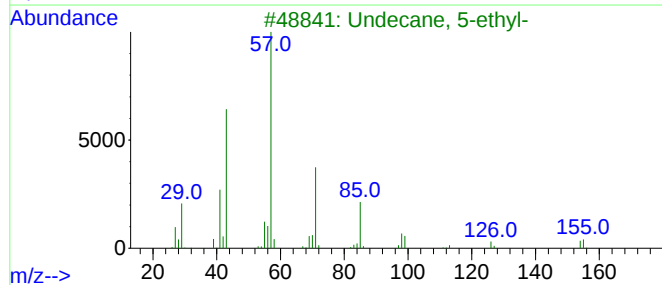
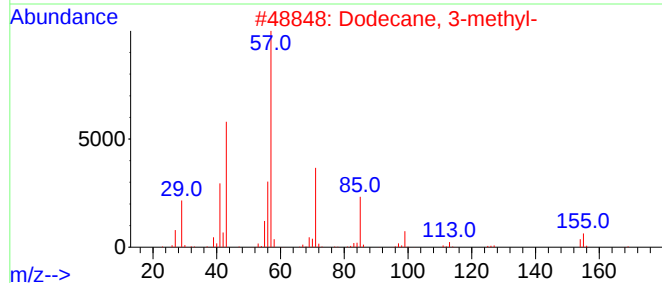
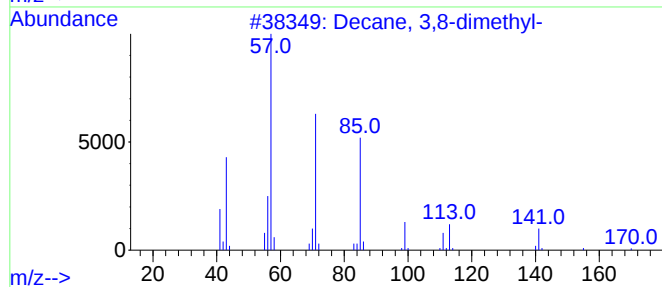
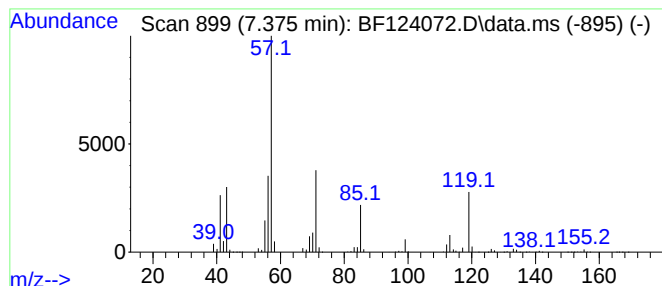
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3,8-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.375	31.82 ng	32805800	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3			Undecane, 5-ethyl-	184	C13H28	017453-94-0	50
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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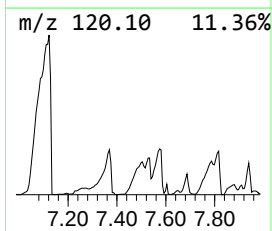
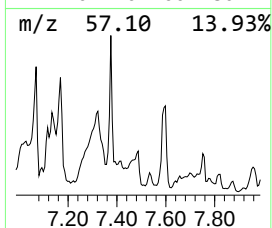
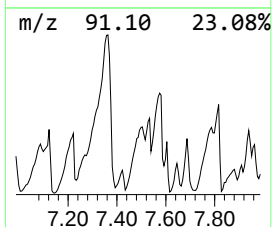
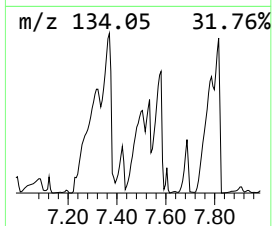
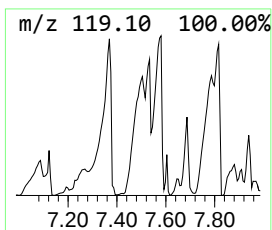
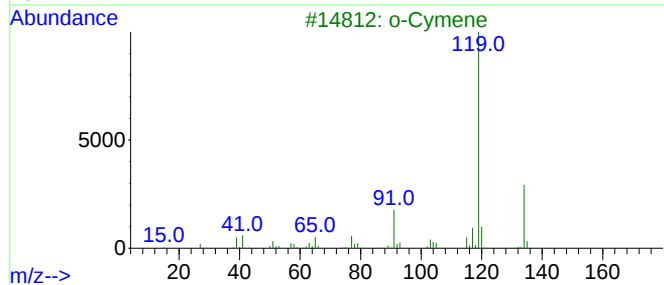
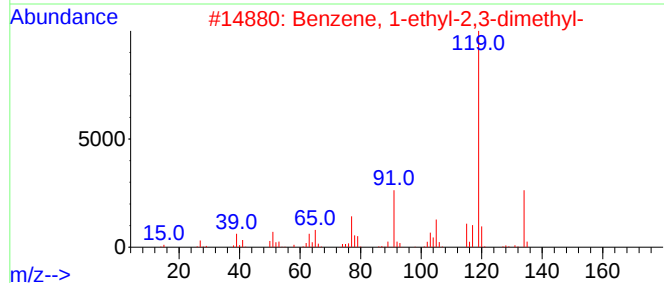
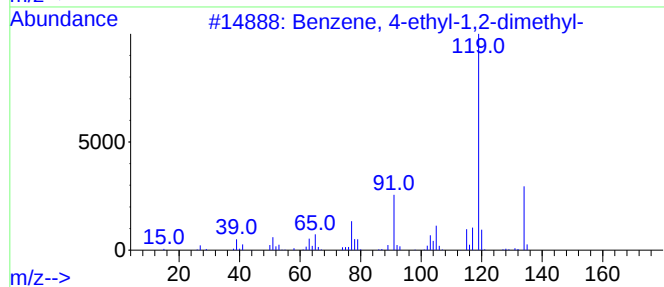
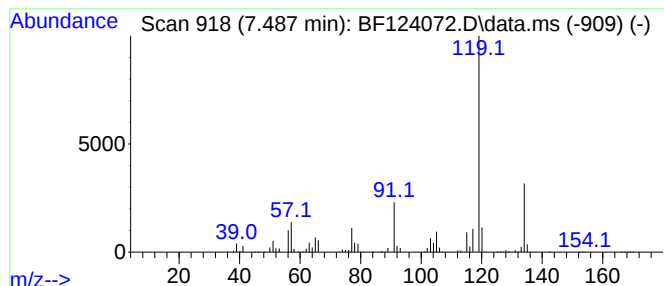
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.487	31.43 ng	32410300	1,4-Dichlorobenzene-d4	7.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			o-Cymene	134	C10H14	000527-84-4	94
4			p-Cymene	134	C10H14	000099-87-6	94
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
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Instrument :
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ClientSampleId :
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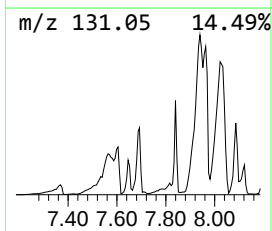
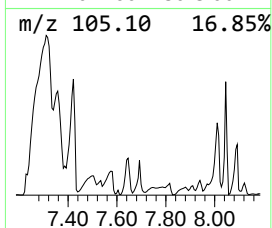
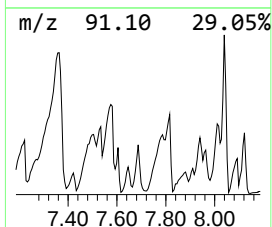
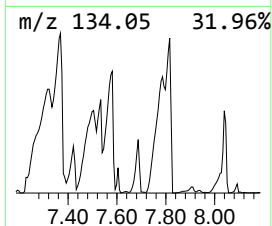
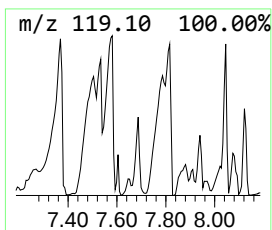
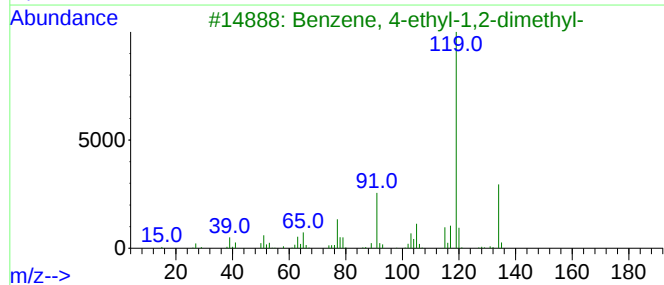
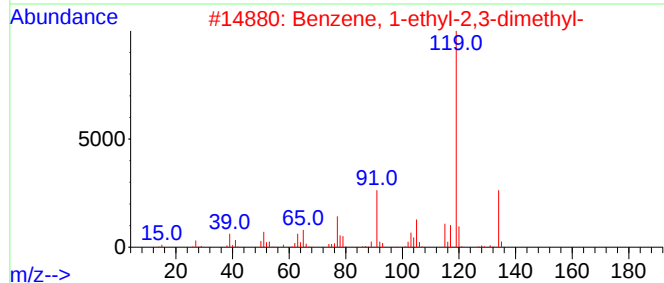
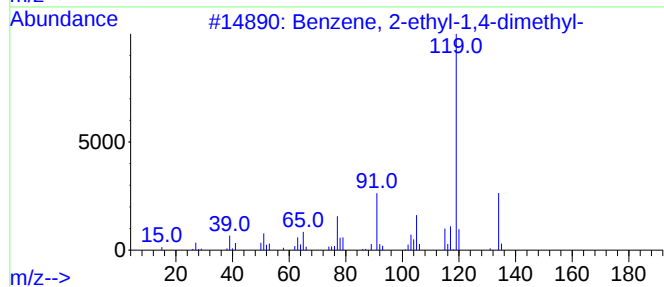
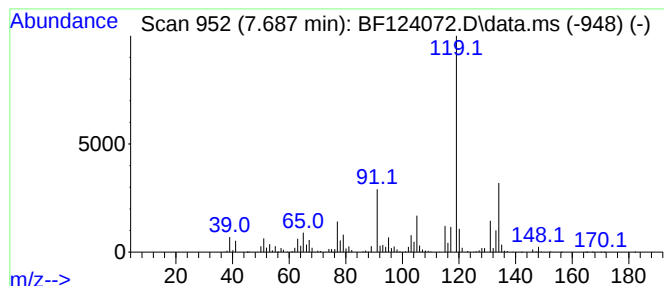
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.687	14.94 ng	17506100	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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ClientSampleId :
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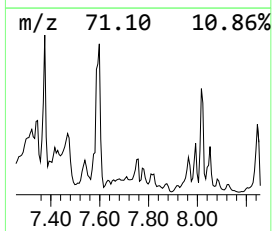
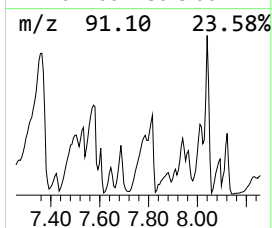
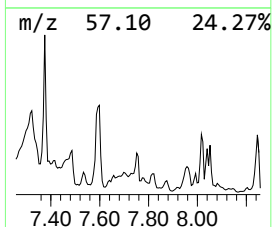
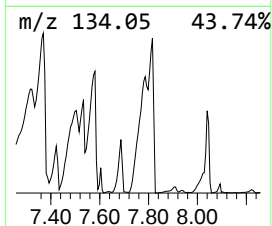
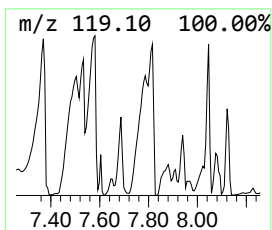
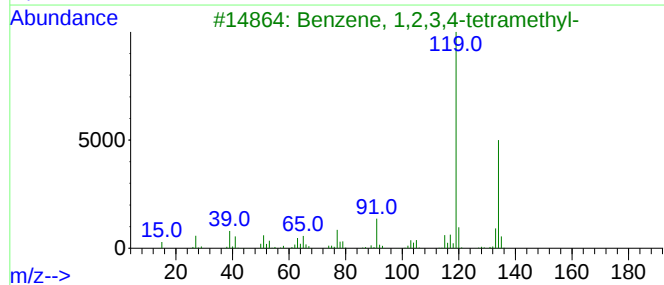
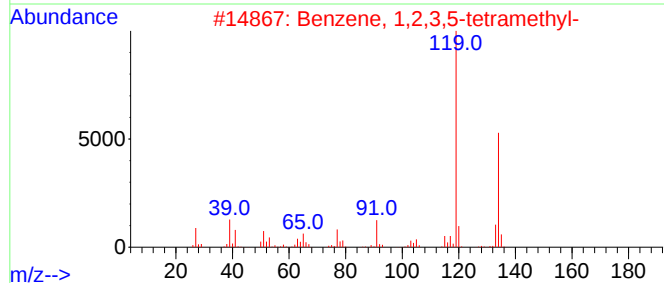
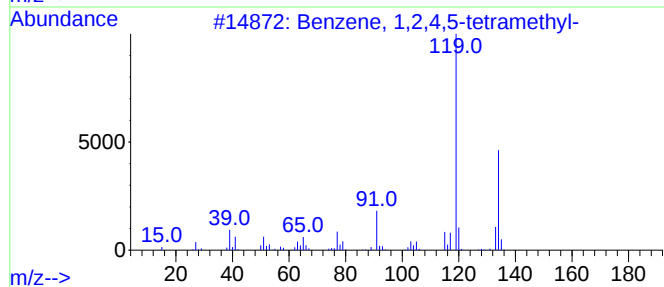
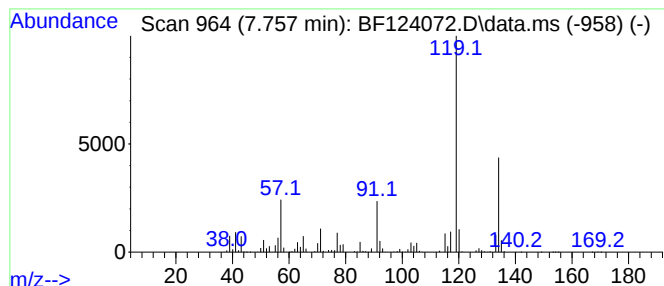
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	12.98 ng	15206900	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
5			o-Cymene	134	C10H14	000527-84-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Acq On : 26 May 2021 19:36
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ClientSampleId :
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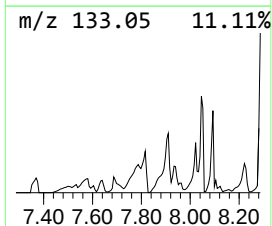
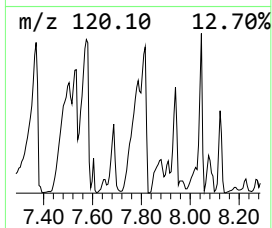
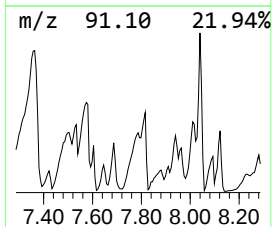
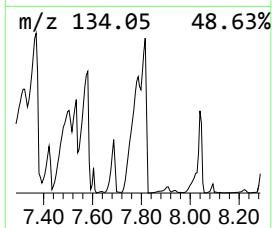
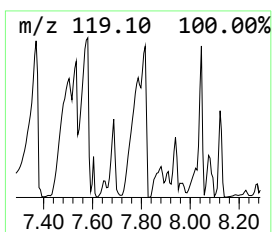
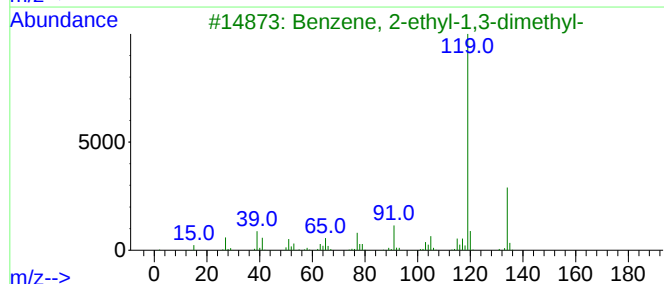
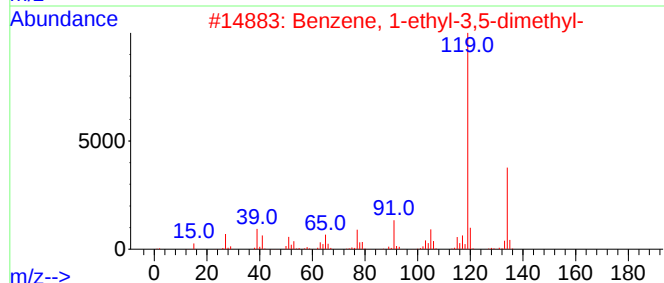
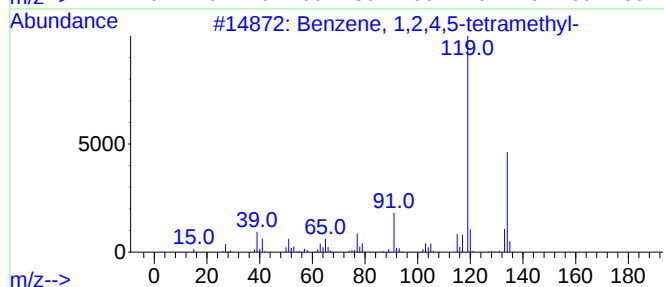
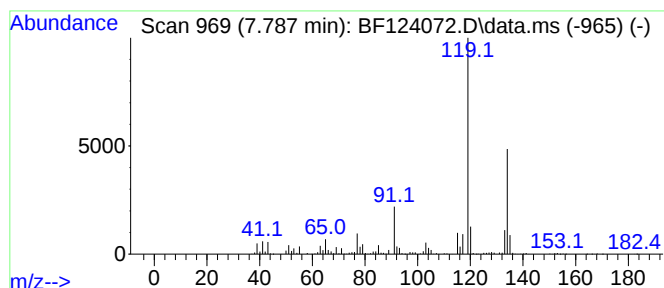
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.787	23.27 ng	27262900	Naphthalene-d8	8.263

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-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4		o-Cymene	134	C10H14	000527-84-4	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-1D

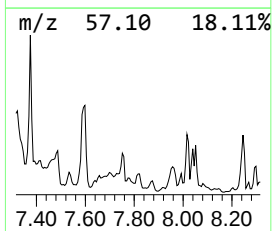
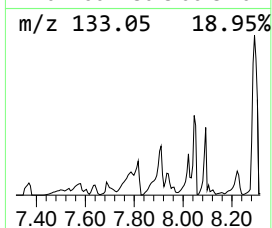
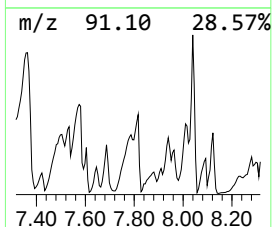
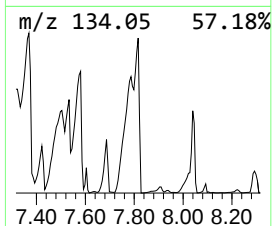
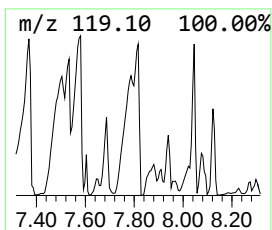
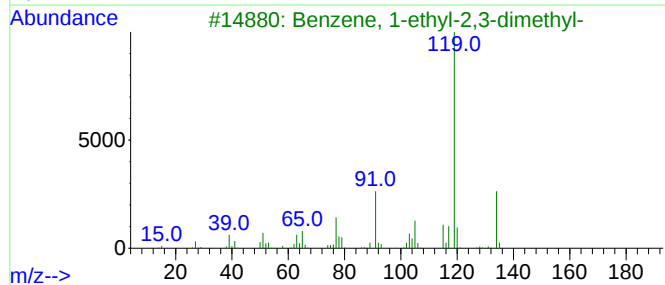
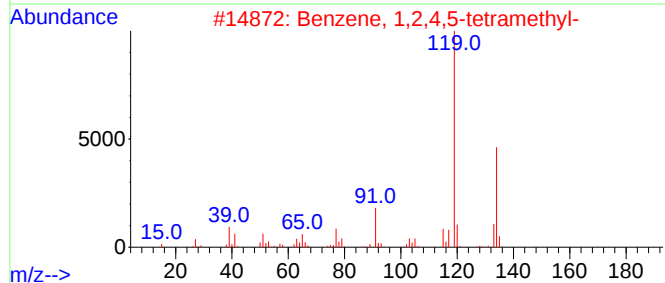
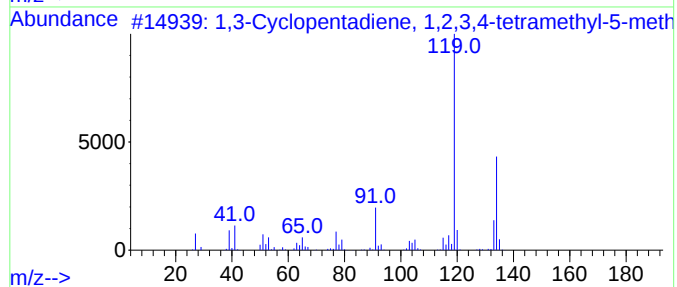
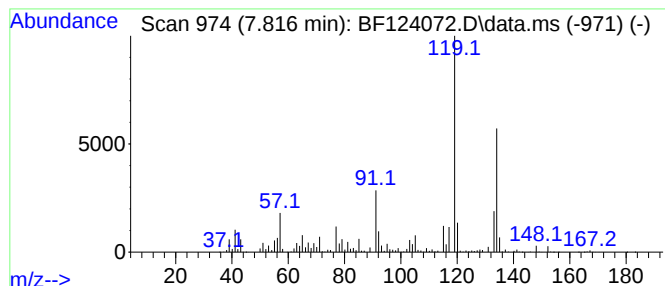
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	20.30 ng	23780700	Naphthalene-d8	8.263

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95	
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94	
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93	
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91	
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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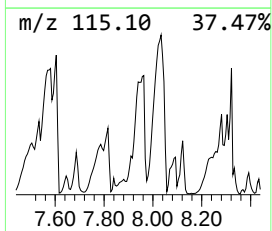
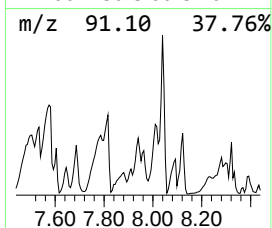
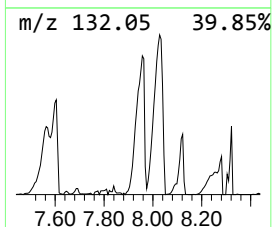
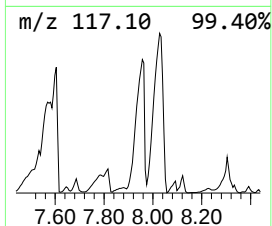
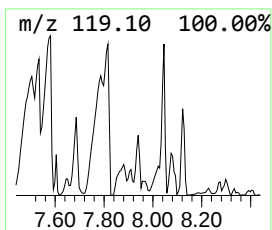
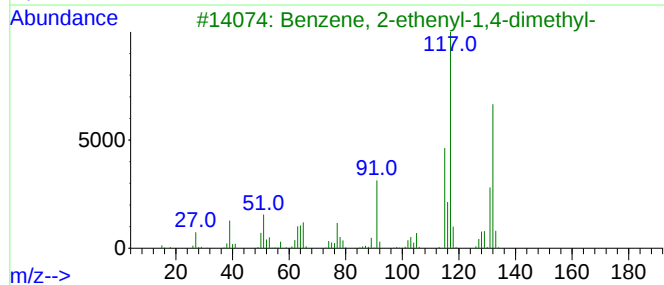
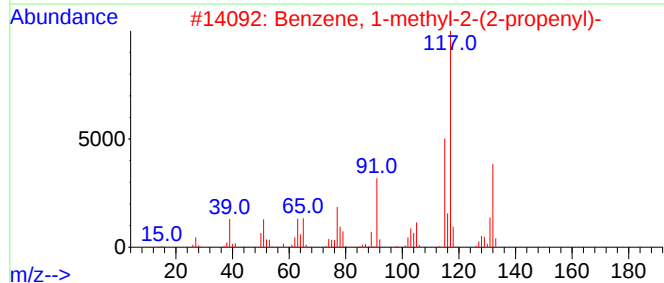
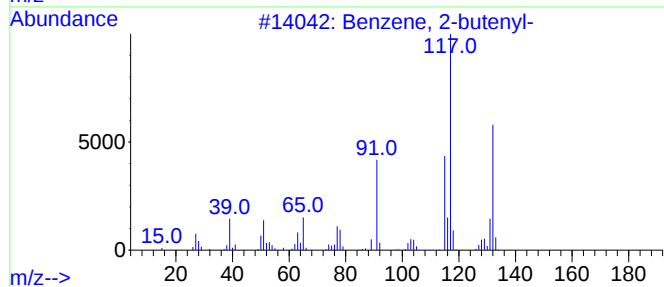
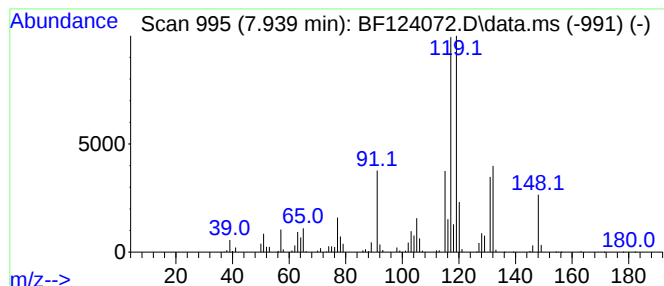
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 2-butenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.939	22.24 ng	26051800	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
5			Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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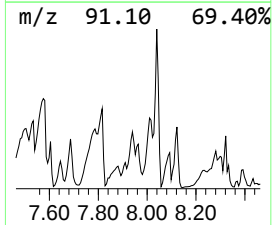
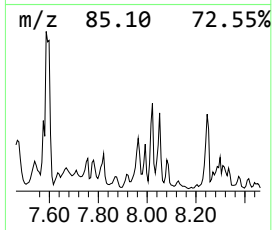
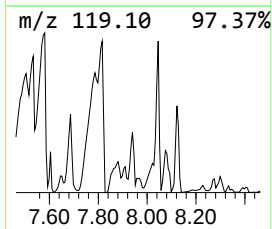
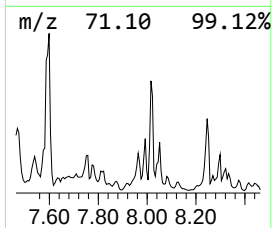
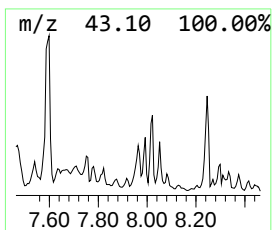
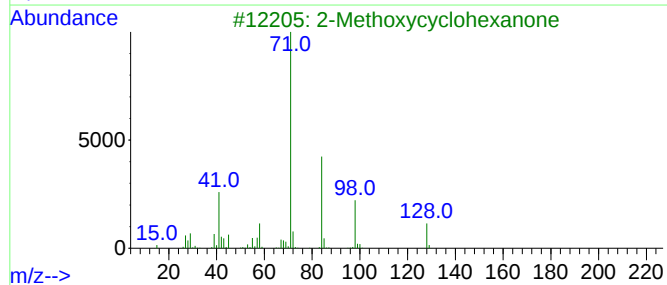
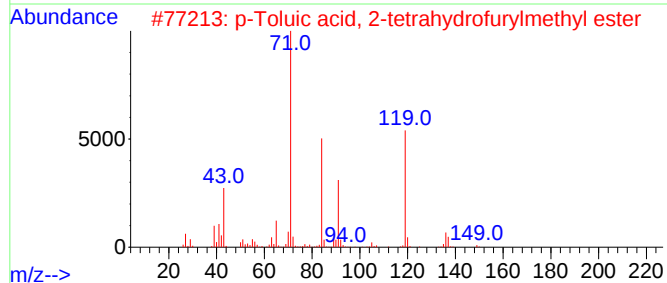
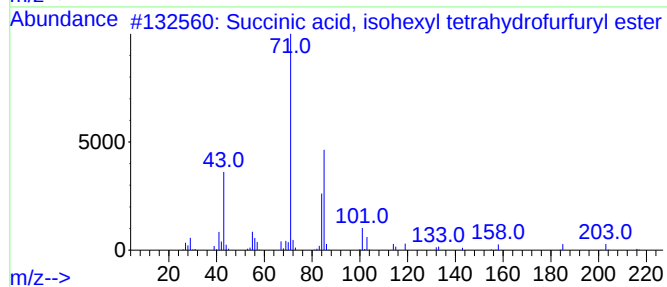
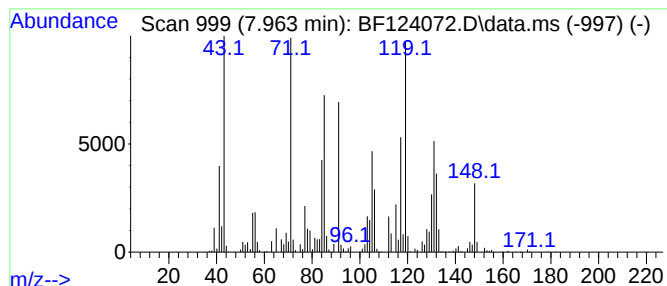
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown7.963 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.963	12.59 ng	14751600	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, isohexyl tetrahyd...	286	C15H26O5	1000329-86-4	27
2			p-Toluic acid, 2-tetrahydrofuryl...	220	C13H16O3	004647-35-2	27
3			2-Methoxycyclohexanone	128	C7H12O2	007429-44-9	18
4			Nonane, 1-iodo-	254	C9H19I	004282-42-2	14
5			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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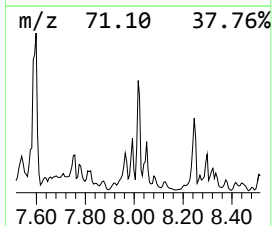
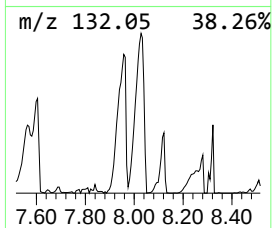
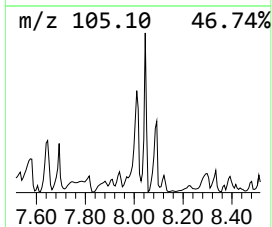
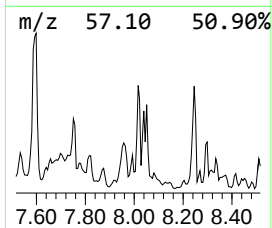
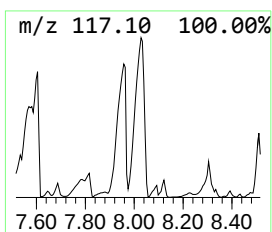
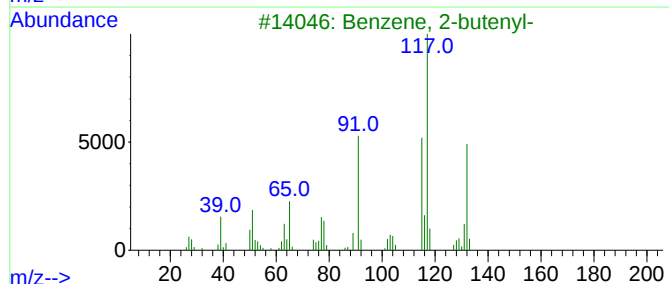
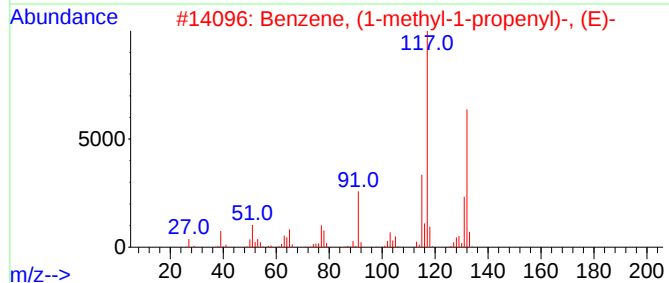
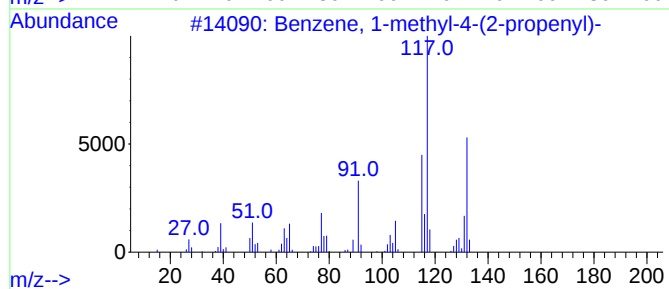
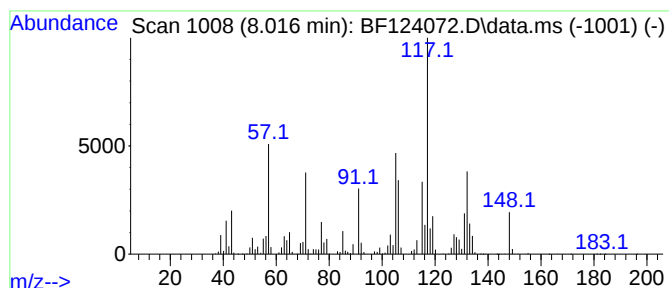
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	40.01 ng	46866900	Naphthalene-d8	8.263

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	93
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	92
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
5		2,4-Dimethylstyrene	132	C10H12	002234-20-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-1D

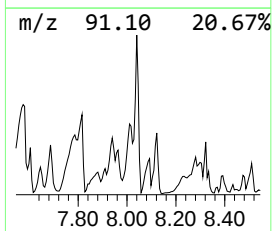
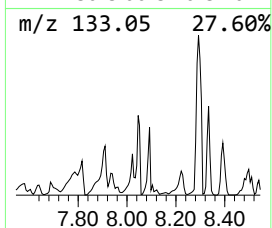
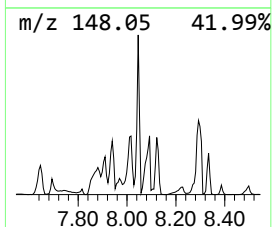
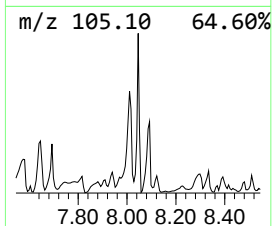
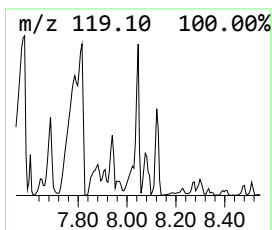
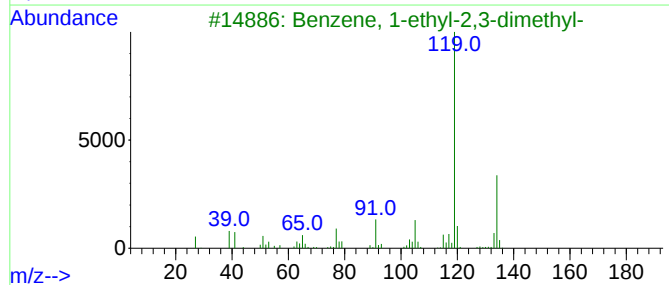
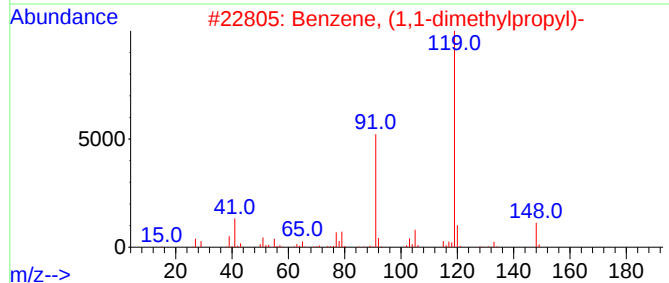
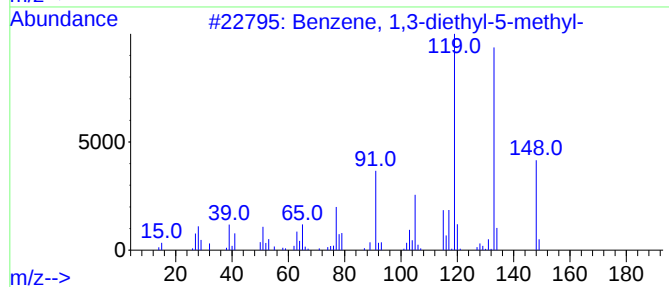
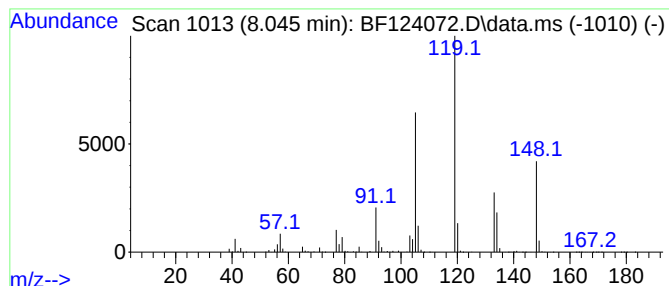
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.045	30.46 ng	35681600	Naphthalene-d8	8.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52
4			Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	50
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
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Misc :
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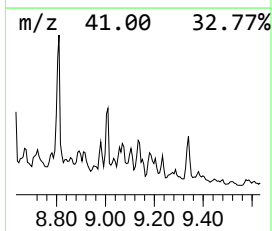
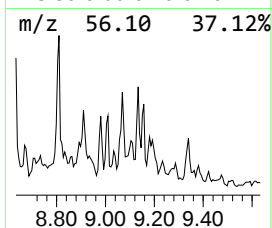
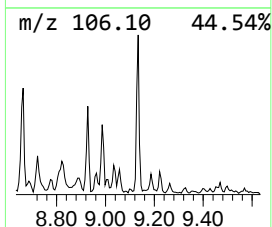
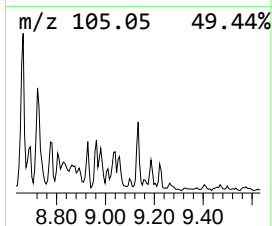
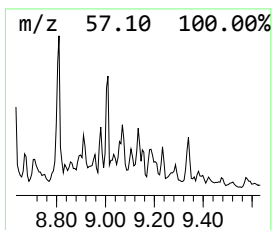
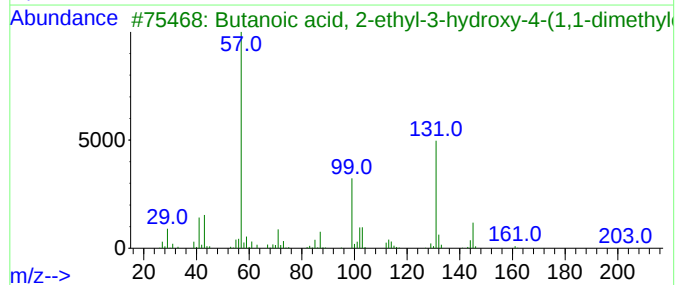
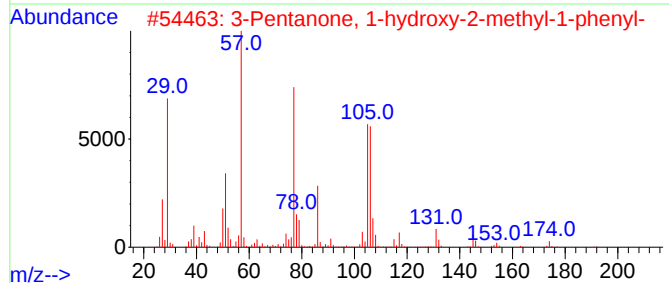
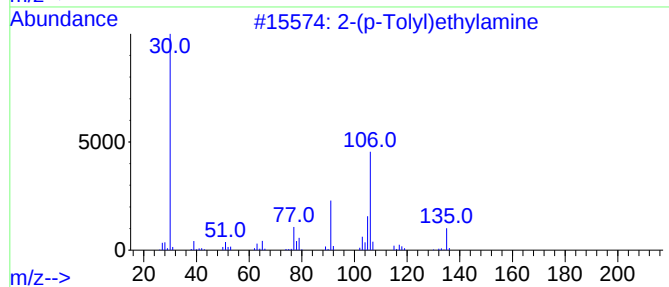
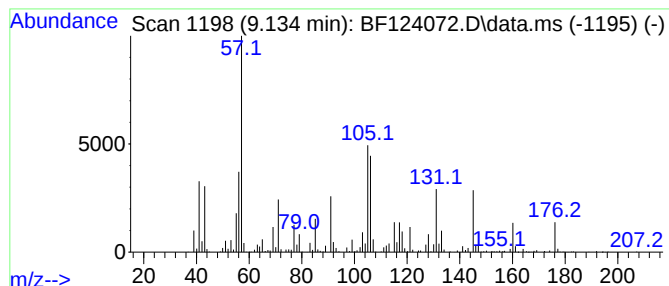
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown9.134 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	14.02 ng	2147760	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine			135	C9H13N	003261-62-9	22
2	3-Pentanone, 1-hydroxy-2-methyl-...			192	C12H16O2	055848-19-6	16
3	Butanoic acid, 2-ethyl-3-hydroxy...			218	C11H22O4	106059-00-1	9
4	N-(Beta-methylphenethyl)acetamide			177	C11H15NO	022596-62-9	9
5	Ether, 2-phenylpropyl tert.butyl			192	C13H20O	1000164-81-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124072.D
Acq On : 26 May 2021 19:36
Operator : JU/CG
Sample : M2535-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-1D

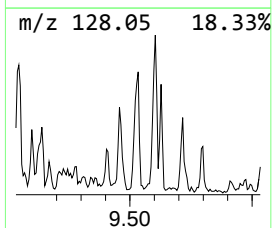
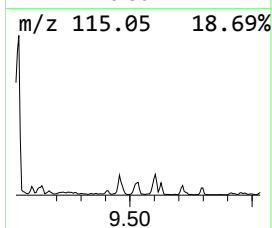
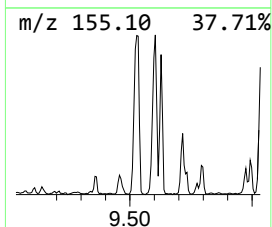
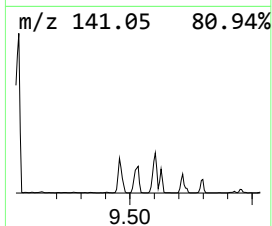
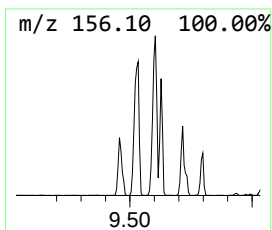
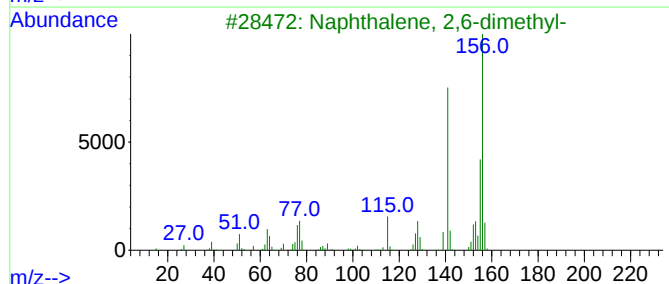
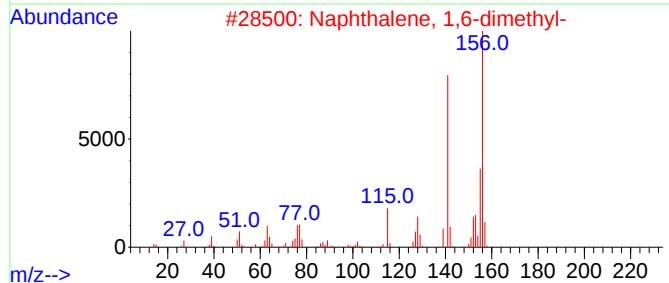
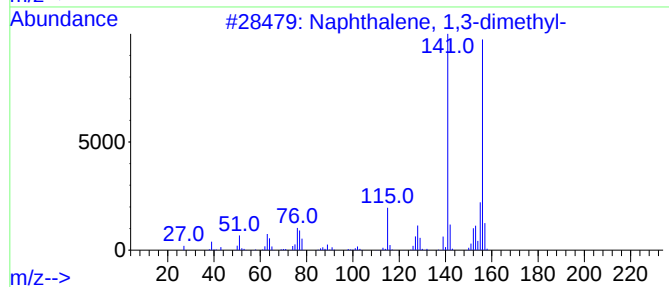
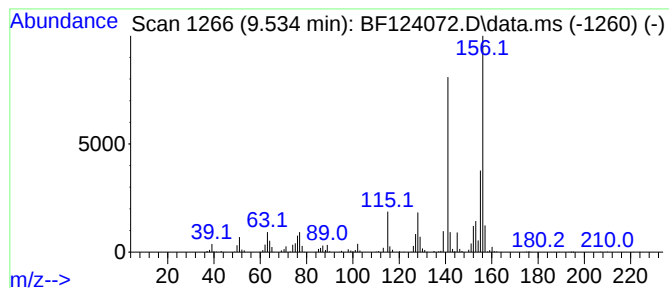
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	16.59 ng	2542070	Acenaphthene-d10	9.933

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124072.D
 Acq On : 26 May 2021 19:36
 Operator : JU/CG
 Sample : M2535-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHOST-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3,4-...	3.657	12.1	ng	12499000	1	7.034	20620800	20.0
Octane	4.599	15.8	ng	16234700	1	7.034	20620800	20.0
Benzene, 1,3-di...	5.916	112.7	ng	116150000	1	7.034	20620800	20.0
Benzene, 1,2,3-...	6.922	143.3	ng	147722000	1	7.034	20620800	20.0
Benzene, 4-ethy...	7.122	19.5	ng	20139100	1	7.034	20620800	20.0
2-Tolyloxirane	7.322	72.7	ng	74987900	1	7.034	20620800	20.0
Decane, 3,8-dim...	7.375	31.8	ng	32805800	1	7.034	20620800	20.0
Benzene, 1-ethy...	7.487	31.4	ng	32410300	1	7.034	20620800	20.0
Benzene, 2-ethy...	7.687	14.9	ng	17506100	2	8.263	23430300	20.0
Benzene, 1,2,4,...	7.757	13.0	ng	15206900	2	8.263	23430300	20.0
Benzene, 1-ethy...	7.787	23.3	ng	27262900	2	8.263	23430300	20.0
1,3-Cyclopentad...	7.816	20.3	ng	23780700	2	8.263	23430300	20.0
Benzene, 2-bute...	7.939	22.2	ng	26051800	2	8.263	23430300	20.0
unknown7.963	7.963	12.6	ng	14751600	2	8.263	23430300	20.0
Benzene, 1-meth...	8.016	40.0	ng	46866900	2	8.263	23430300	20.0
Benzene, 1,3-di...	8.045	30.5	ng	35681600	2	8.263	23430300	20.0
unknown9.134	9.134	14.0	ng	2147760	3	9.933	3063750	20.0
Naphthalene, 1,...	9.534	16.6	ng	2542070	3	9.933	3063750	20.0