

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136007.D
 Acq On : 28 Oct 2023 16:05
 Operator : CG\JU
 Sample : 04938-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0-3(5-10)

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-BF102523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	500	504	509	rVB	294752	317530	1.36%	0.202%
2	5.322	546	550	555	rVB	1601149	1492185	6.41%	0.949%
3	5.428	563	568	570	rBV	3621700	4331513	18.60%	2.755%
4	5.446	570	571	576	rVV2	3708685	3700811	15.89%	2.354%
5	5.657	603	607	608	rBV	297218	262360	1.13%	0.167%
6	5.687	608	612	615	rVB	2760197	2713217	11.65%	1.726%
7	6.216	699	702	705	rVB	396504	305414	1.31%	0.194%
8	6.293	712	715	717	rVB	721714	642896	2.76%	0.409%
9	6.357	722	726	728	rVV	2460218	2067838	8.88%	1.315%
10	6.387	728	731	735	rVV	1682044	1319105	5.66%	0.839%
11	6.434	735	739	740	rVV	2213134	2103101	9.03%	1.337%
12	6.457	740	743	746	rVV	2750901	2591007	11.13%	1.648%
13	6.516	748	753	755	rVV	1272000	1144279	4.91%	0.728%
14	6.540	755	757	763	rVB2	385175	381883	1.64%	0.243%
15	6.598	763	767	769	rBV	1330132	1030538	4.42%	0.655%
16	6.657	773	777	781	rVV	5928271	6323389	27.15%	4.021%
17	6.704	783	785	789	rVB2	342237	275324	1.18%	0.175%
18	6.781	793	798	799	rBV3	227399	276468	1.19%	0.176%
19	6.828	803	806	809	rBV	1073411	859866	3.69%	0.547%
20	6.887	812	816	818	rVV	3093351	2661199	11.43%	1.692%
21	6.928	818	823	825	rVB	2397554	2198633	9.44%	1.398%
22	7.010	833	837	840	rVB	2140582	1866771	8.02%	1.187%
23	7.057	840	845	847	rBV	564514	544764	2.34%	0.346%
24	7.098	847	852	855	rVV	8347623	9709045	41.69%	6.175%
25	7.145	855	860	862	rVV	1696980	1338220	5.75%	0.851%
26	7.222	870	873	877	rBV2	244067	301856	1.30%	0.192%
27	7.287	881	884	886	rBV2	634521	650731	2.79%	0.414%
28	7.316	886	889	891	rVV	773246	799681	3.43%	0.509%
29	7.363	894	897	899	rVV2	2972162	2691735	11.56%	1.712%
30	7.387	899	901	905	rVV2	2318792	2210355	9.49%	1.406%
31	7.434	905	909	913	rVV2	469492	677508	2.91%	0.431%
32	7.469	913	915	919	rVB2	459317	492237	2.11%	0.313%
33	7.510	919	922	923	rBV	354583	290665	1.25%	0.185%
34	7.528	923	925	928	rVV3	266964	269951	1.16%	0.172%
35	7.592	934	936	938	rVV	694124	507291	2.18%	0.323%
36	7.622	938	941	944	rVV	1904934	1470106	6.31%	0.935%

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37	7.657	944	947	949	rVV	349442	288399	1.24%	0.183%
38	7.692	950	953	955	rVV	728367	571130	2.45%	0.363%
39	7.716	955	957	959	rVV2	471900	452545	1.94%	0.288%
40	7.781	963	968	971	rVV2	554835	560987	2.41%	0.357%

41	7.863	975	982	984	rVV3	4256987	5886135	25.27%	3.743%
42	7.892	984	987	993	rVV	3487930	5022855	21.57%	3.194%
43	7.981	999	1002	1004	rBV	834184	728377	3.13%	0.463%
44	7.998	1004	1005	1008	rVB2	377961	248137	1.07%	0.158%
45	8.051	1008	1014	1017	rBV2	1498553	1356696	5.83%	0.863%

46	8.098	1019	1022	1023	rVV2	455540	418780	1.80%	0.266%
47	8.157	1023	1032	1035	rVV	9116654	23289091	100.00%	14.811%
48	8.192	1035	1038	1041	rVB	3165318	2170058	9.32%	1.380%
49	8.269	1047	1051	1055	rBV4	361012	453407	1.95%	0.288%
50	8.457	1080	1083	1087	rVV4	288940	473601	2.03%	0.301%

51	8.498	1087	1090	1093	rVV3	192296	276248	1.19%	0.176%
52	8.545	1093	1098	1100	rVV3	511308	748056	3.21%	0.476%
53	8.569	1100	1102	1104	rVV	486740	536653	2.30%	0.341%
54	8.610	1107	1109	1114	rVV3	665807	695875	2.99%	0.443%
55	8.663	1114	1118	1122	rVV3	1197091	1156847	4.97%	0.736%

56	8.704	1122	1125	1128	rVV2	446751	395455	1.70%	0.251%
57	8.775	1134	1137	1141	rVV	652700	611453	2.63%	0.389%
58	8.834	1141	1147	1150	rVB	8136738	9715657	41.72%	6.179%
59	8.875	1150	1154	1157	rBV	515470	437924	1.88%	0.279%
60	8.928	1157	1163	1166	rVB	6625333	7327560	31.46%	4.660%

61	9.186	1203	1207	1210	rVB	4439446	3506529	15.06%	2.230%
62	9.228	1210	1214	1217	rBV	654211	467340	2.01%	0.297%
63	9.286	1217	1224	1226	rBV2	1450854	1466752	6.30%	0.933%
64	9.357	1232	1236	1238	rBV3	476552	559304	2.40%	0.356%
65	9.381	1238	1240	1245	rVB2	607223	680241	2.92%	0.433%

66	9.451	1245	1252	1255	rBV	1337865	1769306	7.60%	1.125%
67	9.481	1255	1257	1260	rBV2	342584	287292	1.23%	0.183%
68	9.522	1260	1264	1267	rBV	1892641	1868466	8.02%	1.188%
69	9.551	1267	1269	1273	rVB2	1090191	914238	3.93%	0.581%
70	9.639	1281	1284	1286	rBV	771260	725933	3.12%	0.462%

71	9.722	1293	1298	1303	rBV	630188	573652	2.46%	0.365%
72	9.798	1308	1311	1315	rVB	438119	356503	1.53%	0.227%
73	9.845	1315	1319	1320	rBV2	349765	358373	1.54%	0.228%
74	9.863	1320	1322	1324	rVV	1622583	1184411	5.09%	0.753%
75	9.892	1324	1327	1331	rVB4	234417	361476	1.55%	0.230%

76	10.063	1354	1356	1360	rVV2	319355	297238	1.28%	0.189%
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77	10.104	1360	1363	1365	rVV	399268	311422	1.34%	0.198%
78	10.304	1393	1397	1399	rVB	643177	526711	2.26%	0.335%
79	10.410	1412	1415	1418	rBV	441674	396549	1.70%	0.252%
80	10.522	1431	1434	1439	rVB2	249101	269315	1.16%	0.171%
81	10.651	1451	1456	1459	rBV	1903014	1622718	6.97%	1.032%
82	10.780	1475	1478	1483	rBV	1004377	1109856	4.77%	0.706%
83	11.233	1551	1555	1557	rBV	1086017	983624	4.22%	0.626%
84	11.263	1557	1560	1565	rVB2	597219	617616	2.65%	0.393%
85	11.351	1572	1575	1578	rBV	1455268	1321772	5.68%	0.841%
86	11.375	1578	1579	1582	rVV	481471	297651	1.28%	0.189%
87	11.663	1624	1628	1631	rBV	1414871	1140330	4.90%	0.725%
88	11.892	1664	1667	1670	rBV2	487393	497653	2.14%	0.316%
89	11.963	1676	1679	1682	rBV3	203603	304439	1.31%	0.194%
90	12.069	1695	1697	1700	rBV	1093083	968332	4.16%	0.616%
91	12.227	1721	1724	1729	rBV3	151614	241484	1.04%	0.154%
92	12.357	1743	1746	1749	rVV	326462	329635	1.42%	0.210%
93	12.463	1761	1764	1767	rVB	833197	652547	2.80%	0.415%
94	12.680	1798	1801	1803	rBV3	218277	237338	1.02%	0.151%
95	12.839	1825	1828	1830	rVB	368783	287451	1.23%	0.183%
96	12.957	1843	1848	1851	rBV	3744850	3439224	14.77%	2.187%
97	14.004	2023	2026	2030	rVB	895212	845064	3.63%	0.537%
98	15.492	2274	2279	2287	rVB	636271	823124	3.53%	0.523%

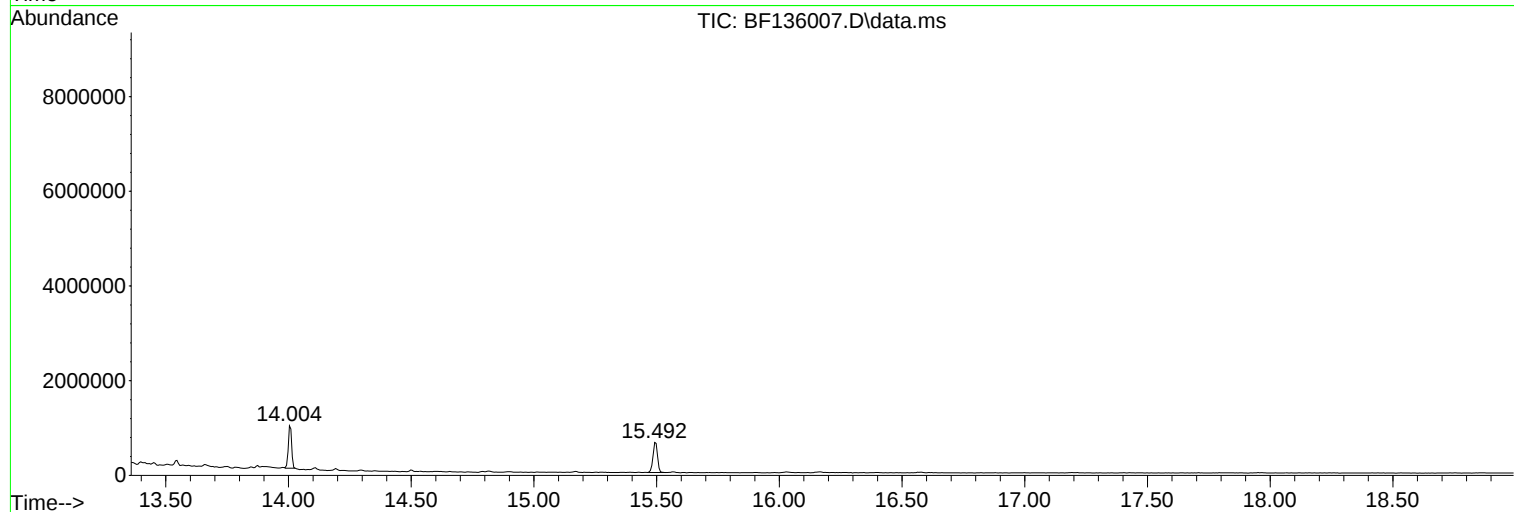
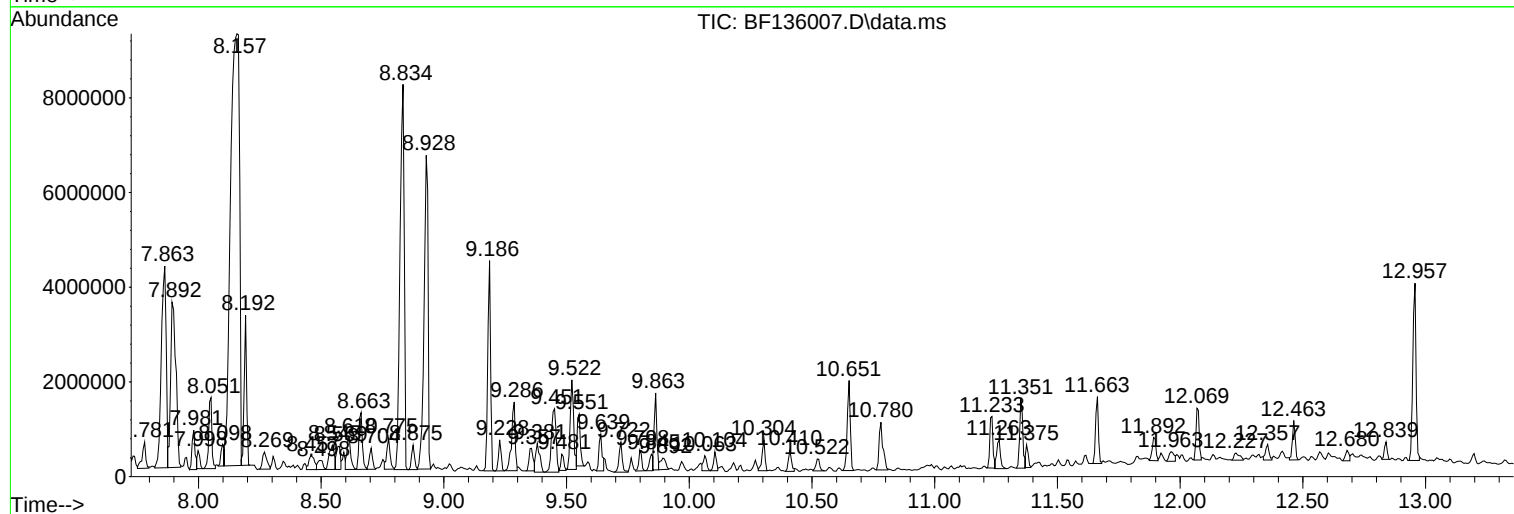
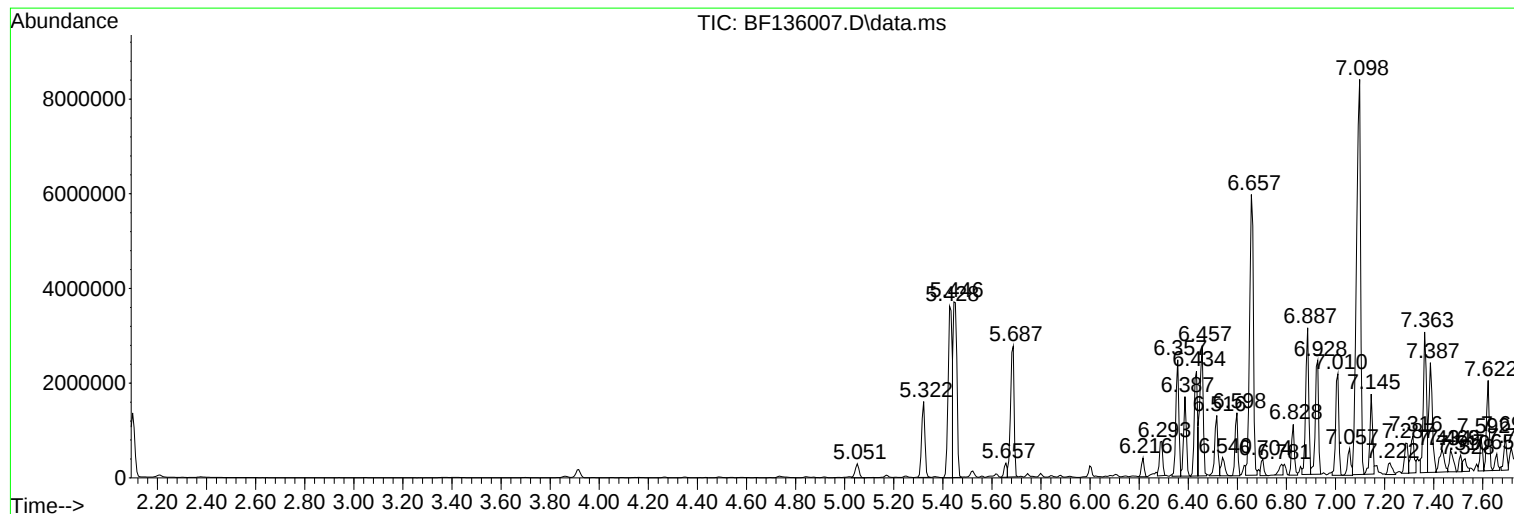
Sum of corrected areas: 157242307

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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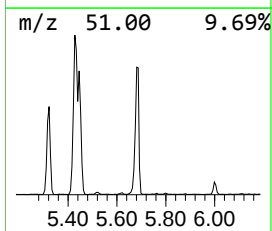
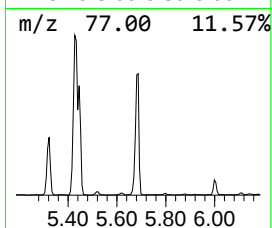
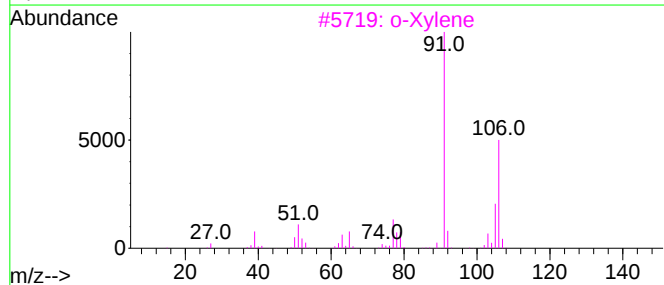
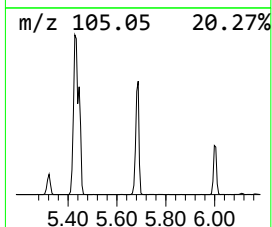
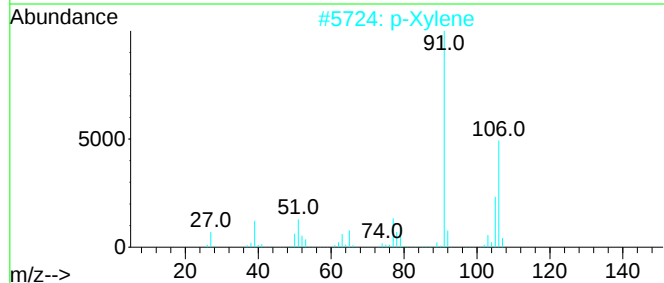
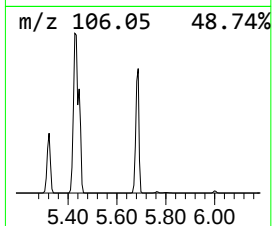
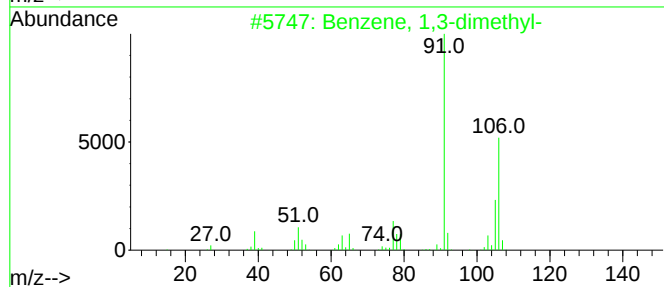
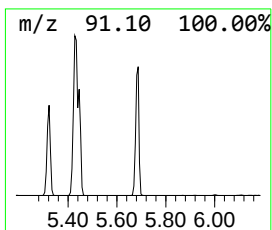
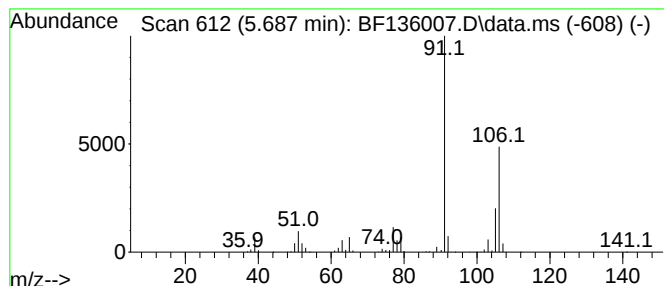
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.687	63.11 ng	2713220	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2			p-Xylene	106	C8H10	000106-42-3	95
3			o-Xylene	106	C8H10	000095-47-6	95
4			Ethylbenzene	106	C8H10	000100-41-4	87
5			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83



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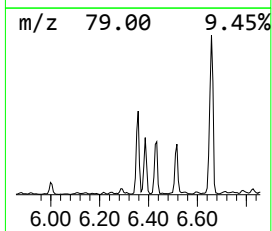
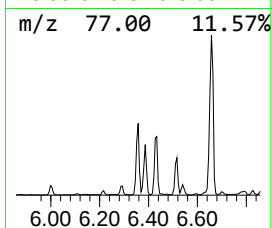
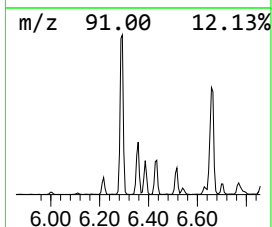
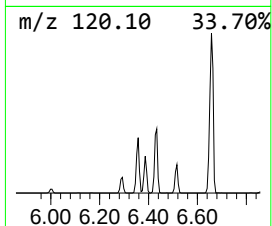
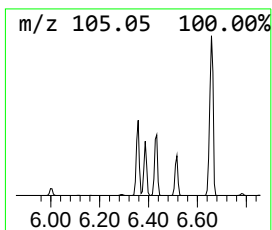
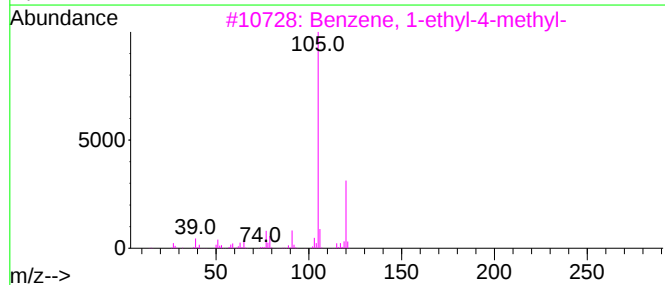
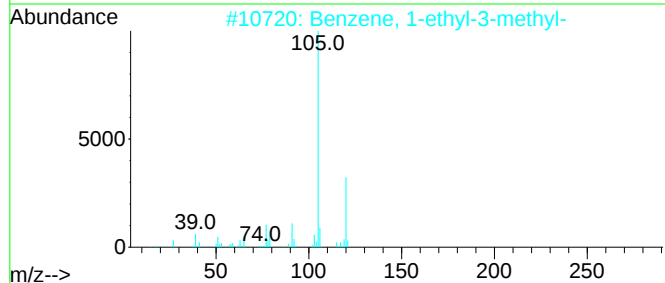
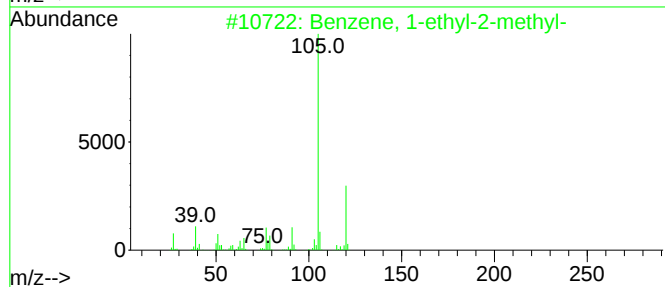
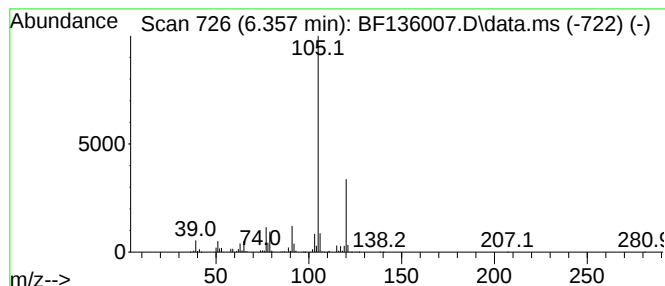
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	48.10 ng	2067840	1,4-Dichlorobenzene-d4	6.828

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-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



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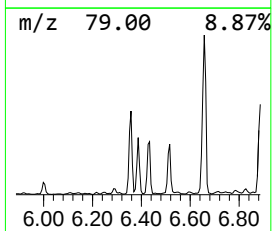
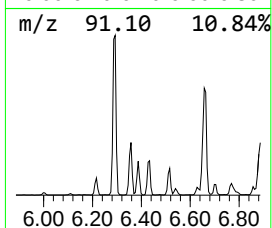
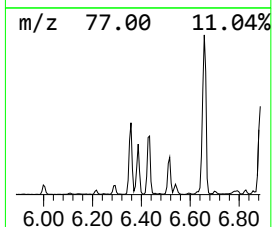
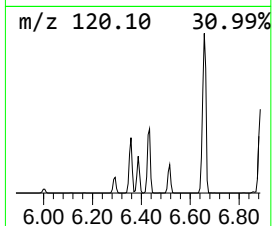
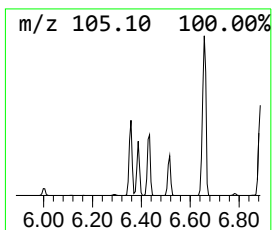
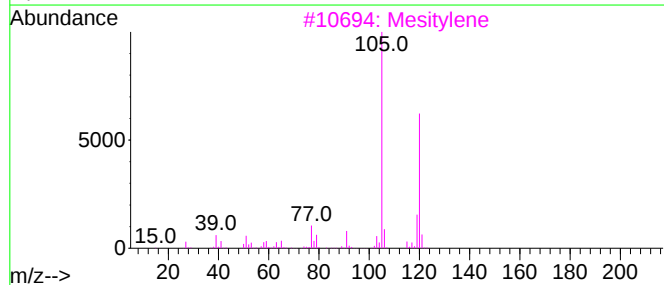
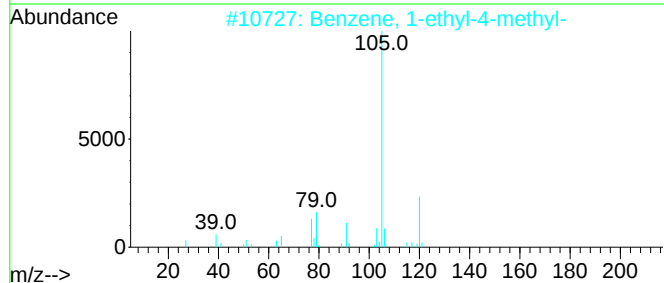
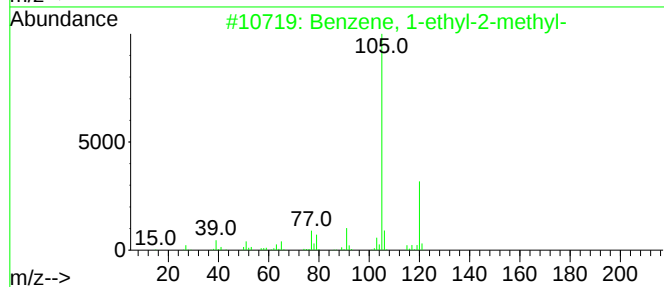
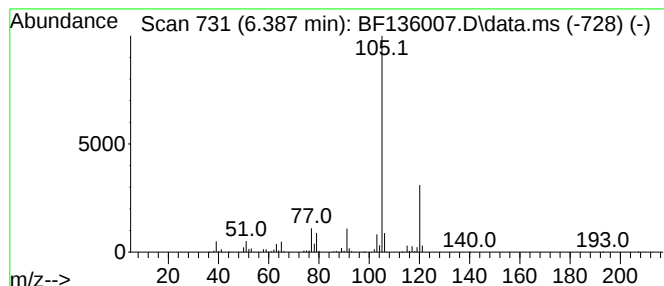
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	30.68 ng	1319110	1,4-Dichlorobenzene-d4	6.828

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			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

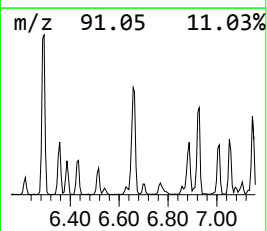
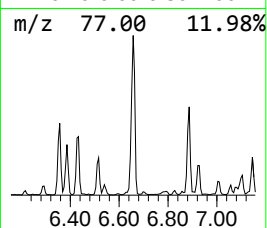
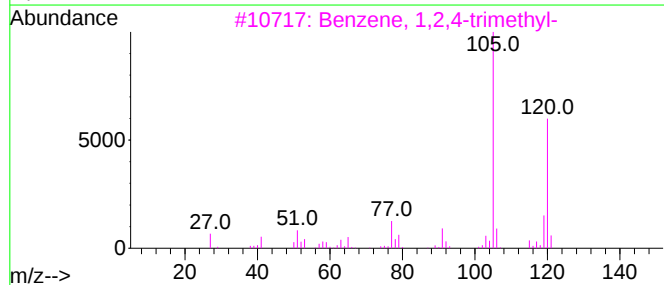
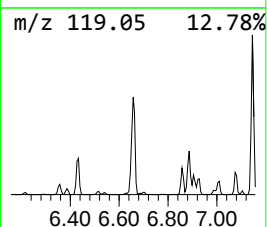
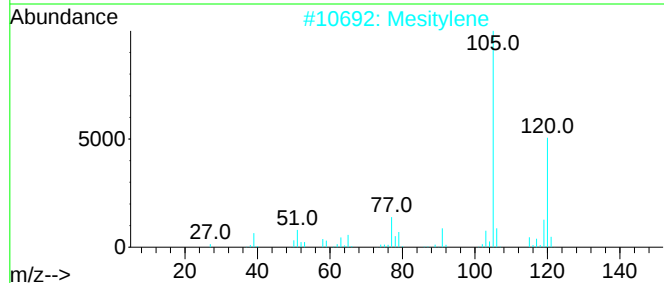
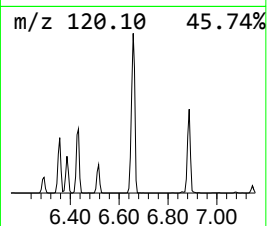
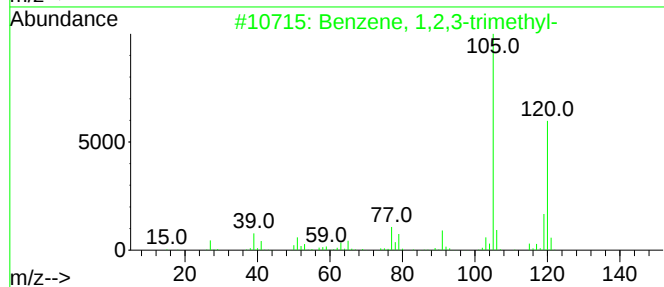
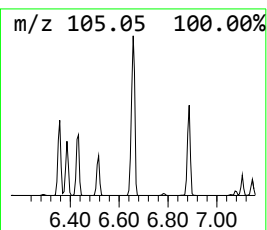
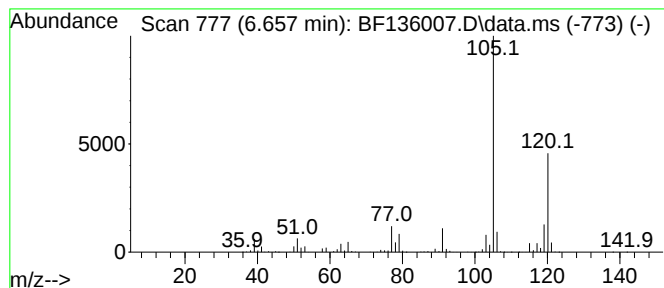
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.657	147.08 ng	6323390	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
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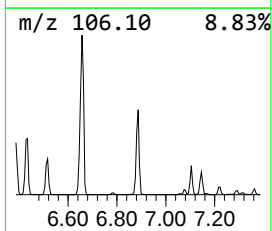
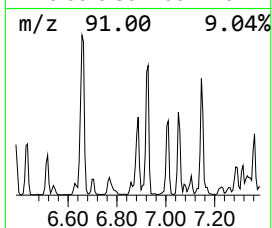
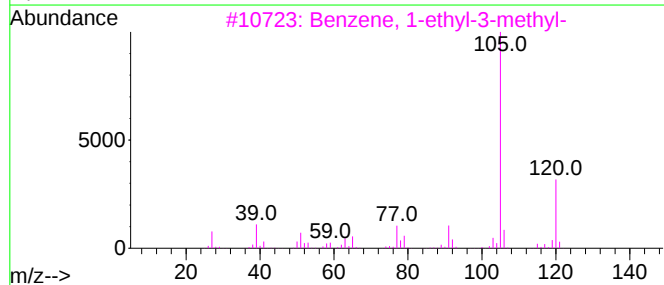
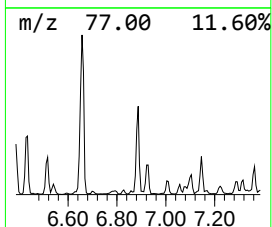
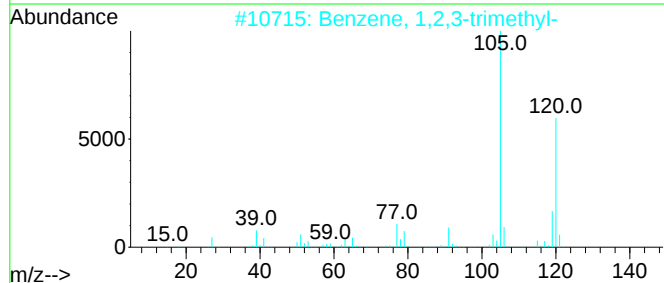
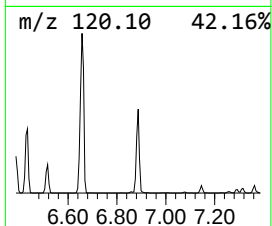
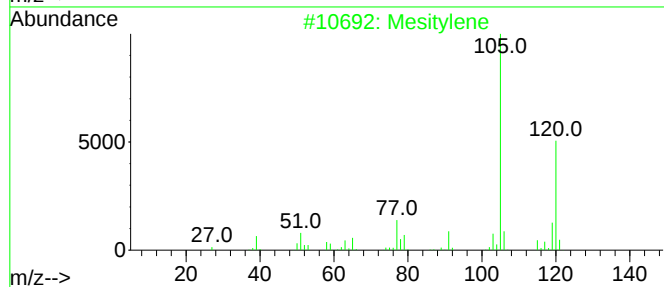
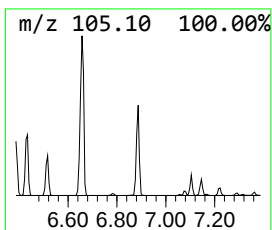
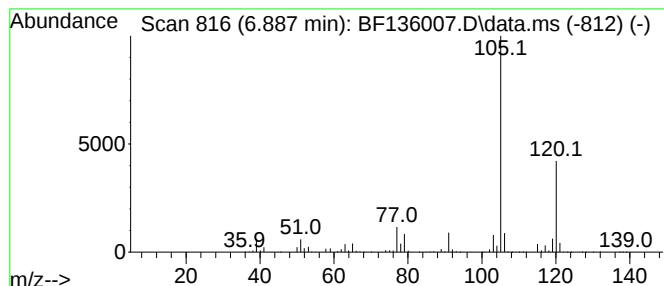
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.887	61.90 ng	2661200	1,4-Dichlorobenzene-d4	6.828

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
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ClientSampleId :
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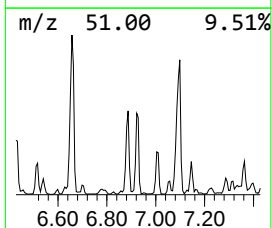
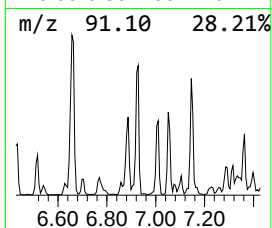
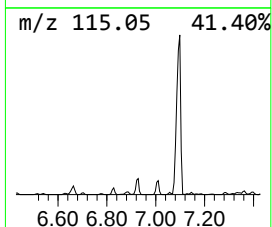
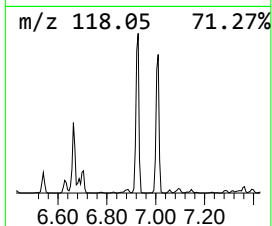
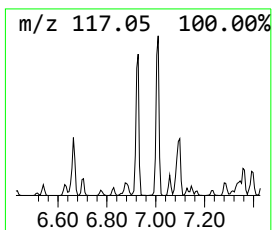
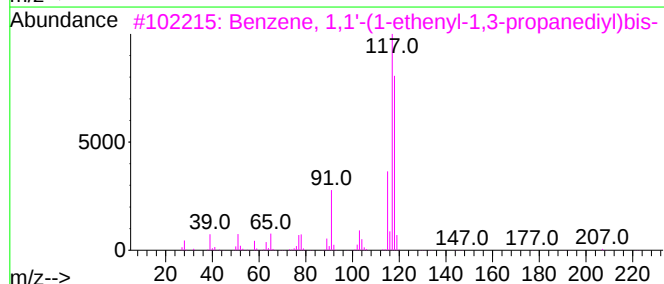
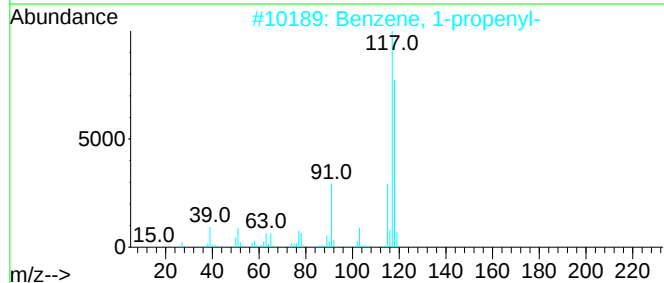
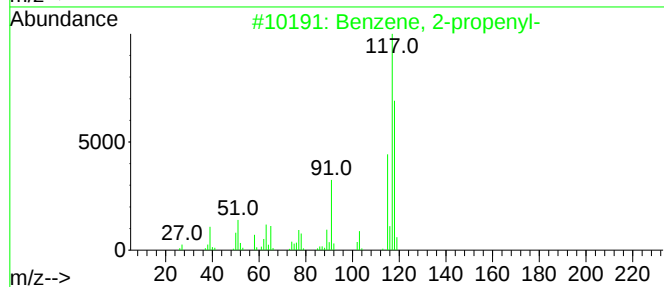
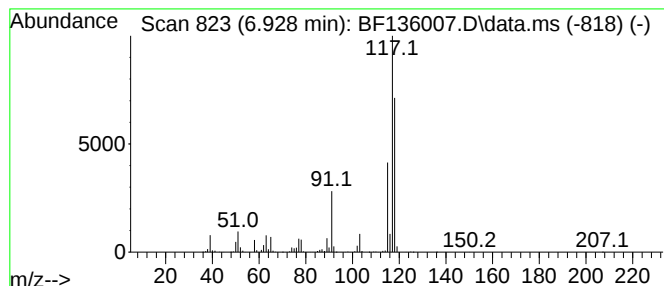
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 2-propenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	51.14 ng	2198630	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-propenyl-	118	C9H10	000300-57-2	89
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	86
3			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	86
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	86
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
0-3(5-10)

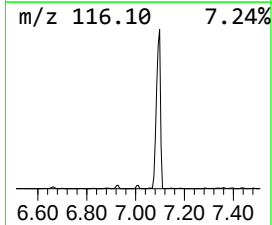
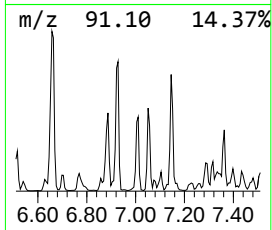
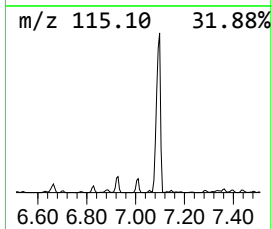
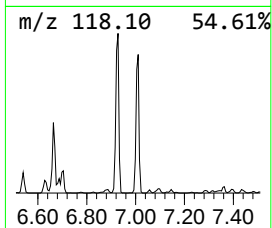
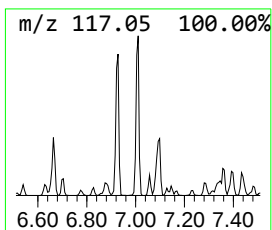
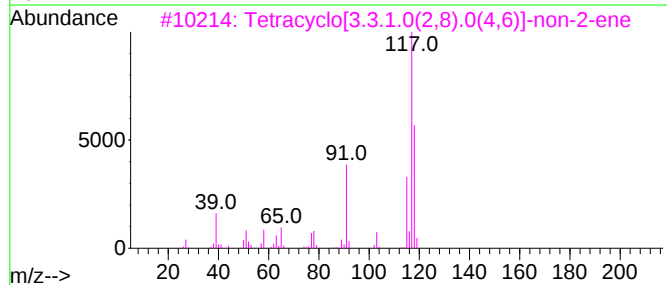
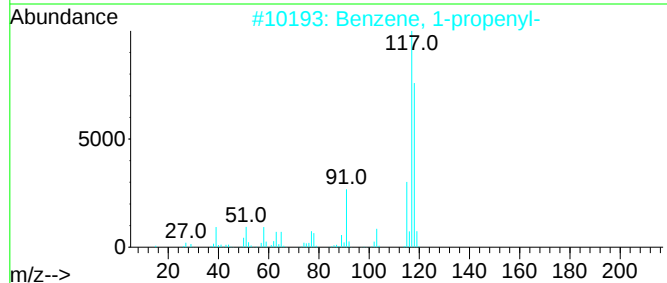
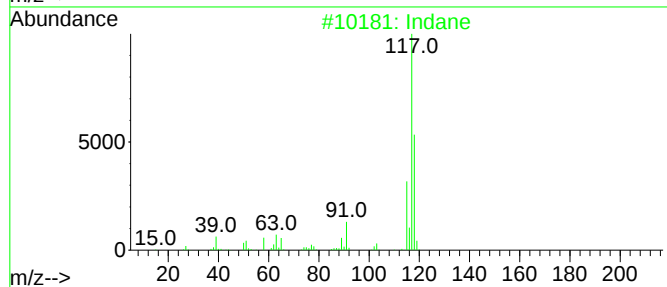
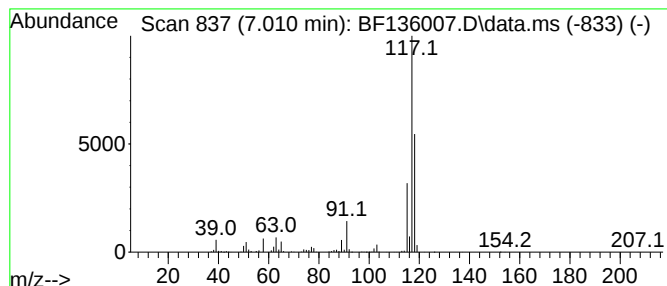
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	43.42 ng	1866770	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4			1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
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Misc :
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Instrument :
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ClientSampleId :
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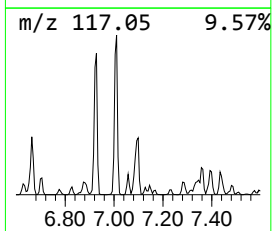
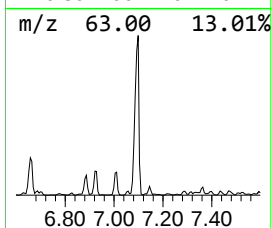
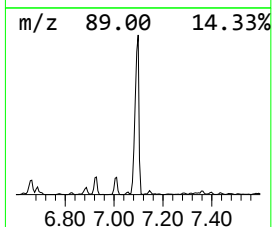
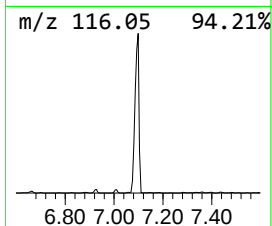
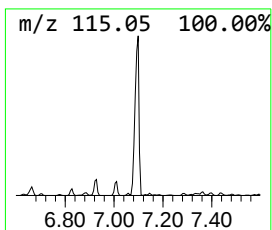
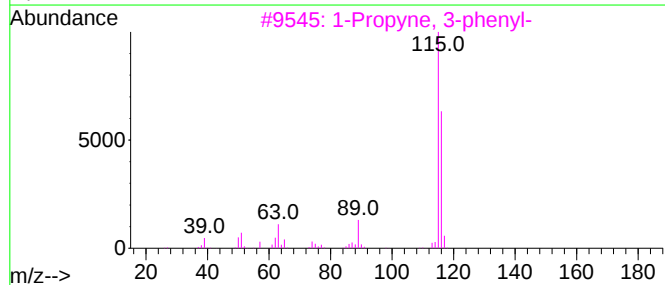
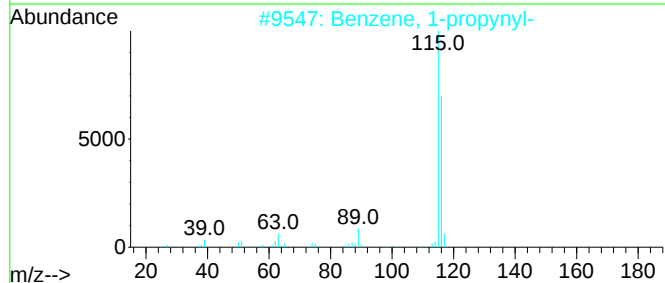
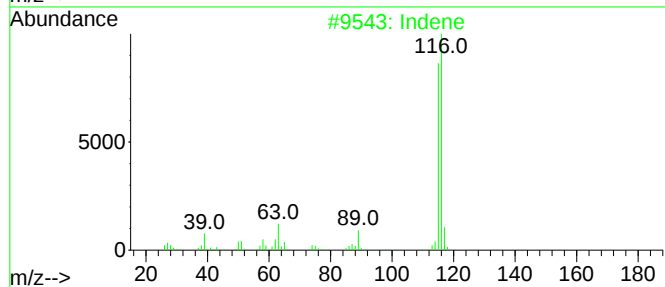
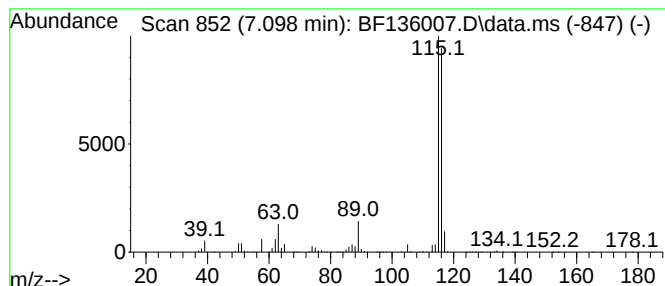
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	225.83 ng	9709050	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5			2-Methylphenylacetylene	116	C9H8	000766-47-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
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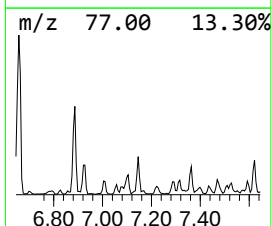
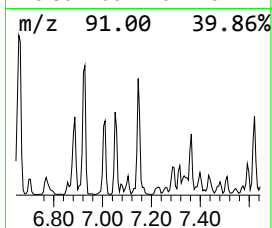
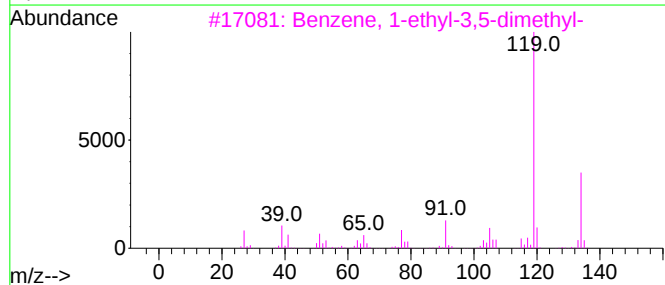
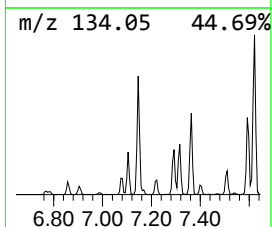
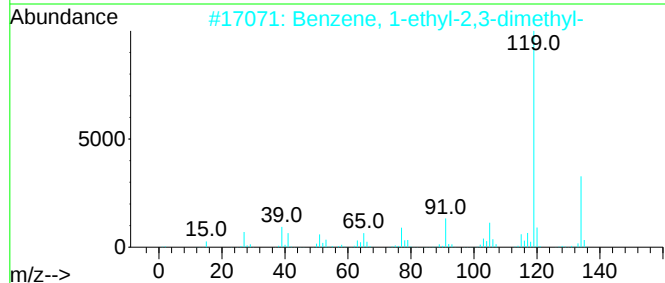
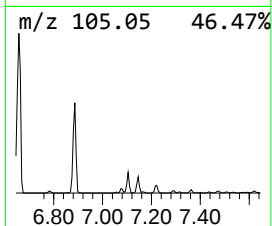
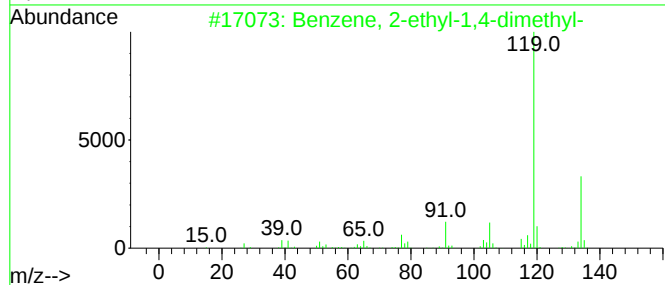
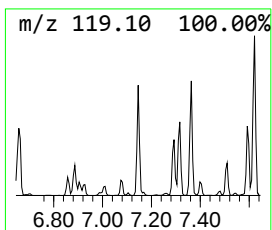
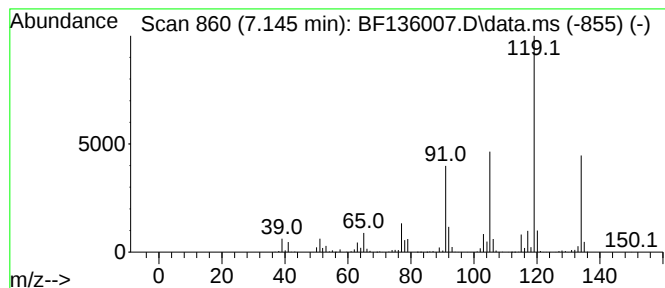
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.145	31.13 ng	1338220	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
0-3(5-10)

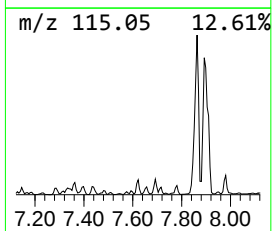
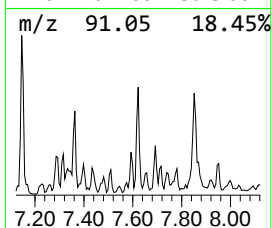
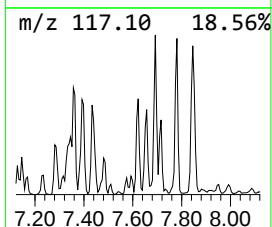
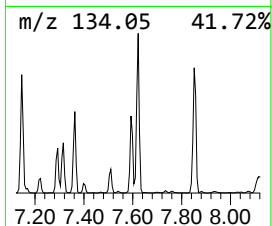
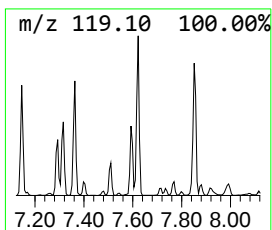
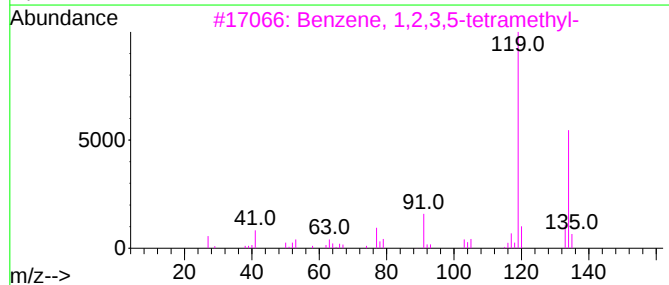
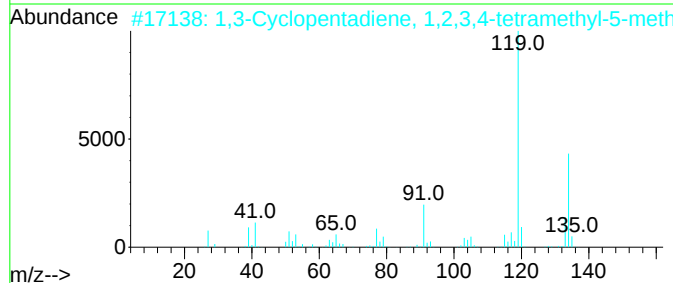
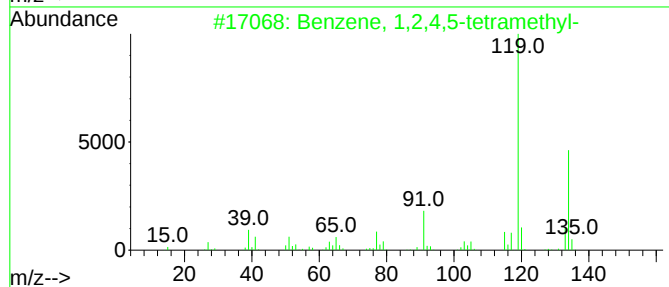
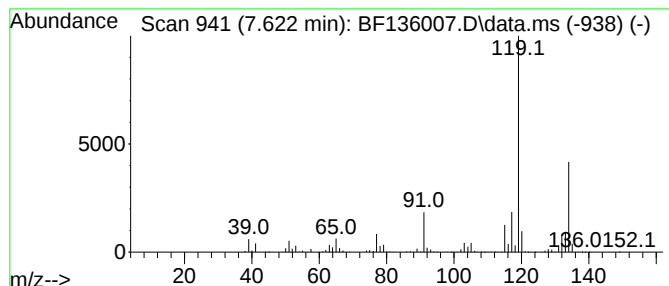
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.622	70.21 ng	1470110	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4		o-Cymene	134	C10H14	000527-84-4	90
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

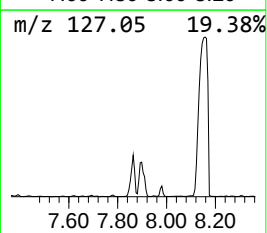
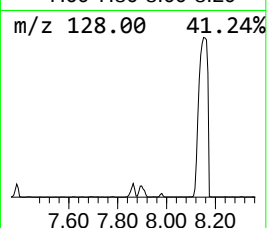
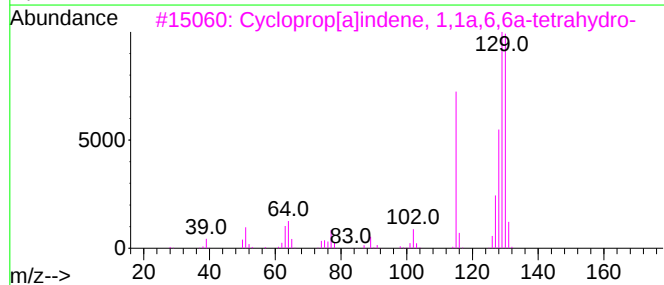
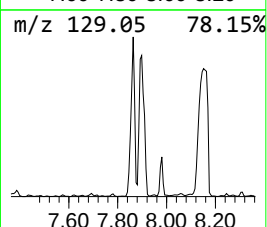
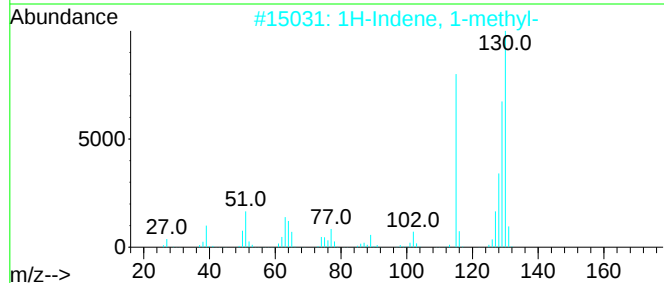
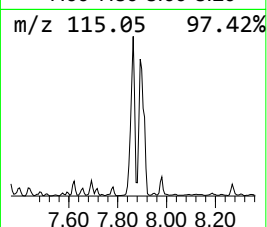
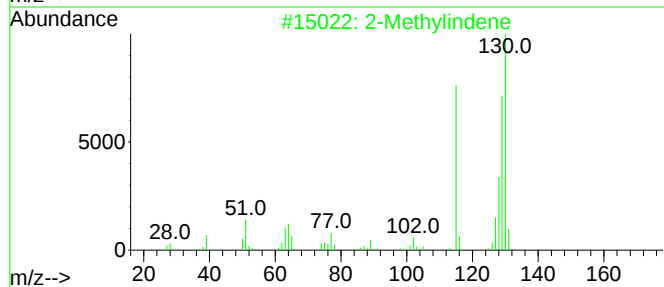
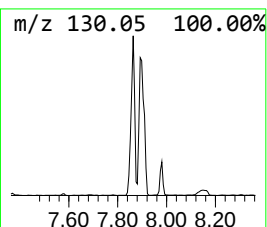
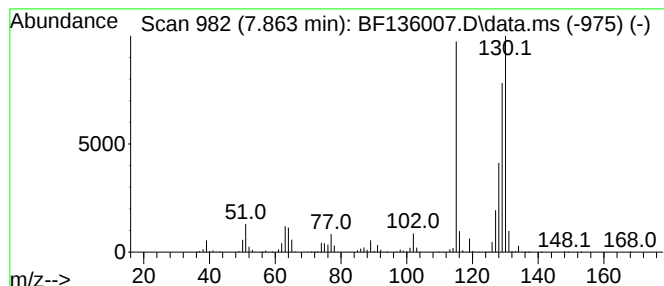
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2-Methylindene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	281.11 ng	5886140	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene		130	C10H10	002177-47-1	97
2	1H-Indene, 1-methyl-		130	C10H10	000767-59-9	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...		130	C10H10	015677-15-3	95
4	1H-Indene, 3-methyl-		130	C10H10	000767-60-2	93
5	1,4-Dihydronaphthalene		130	C10H10	000612-17-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

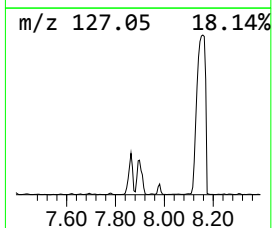
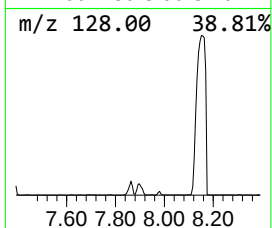
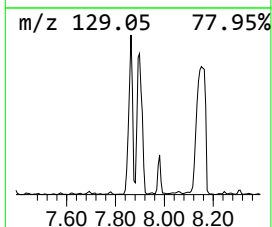
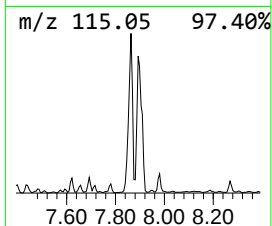
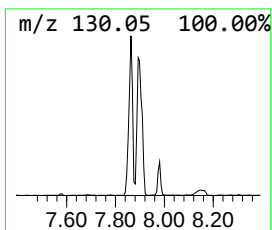
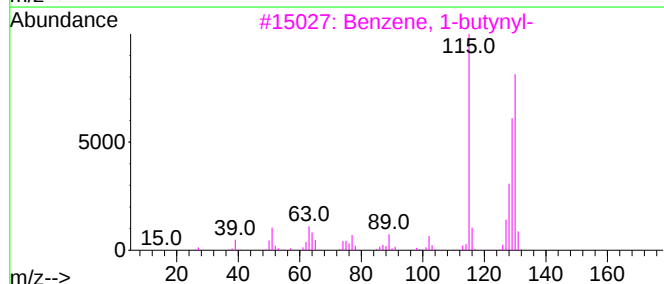
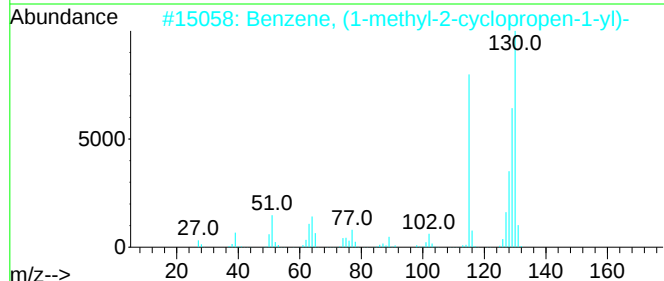
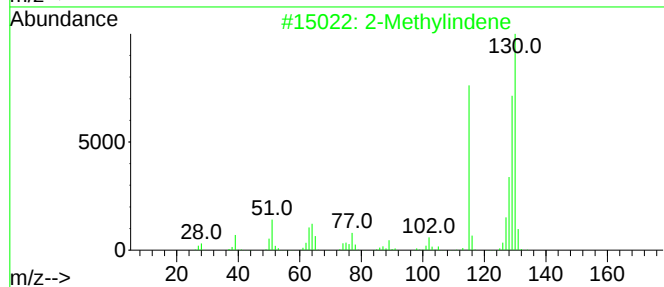
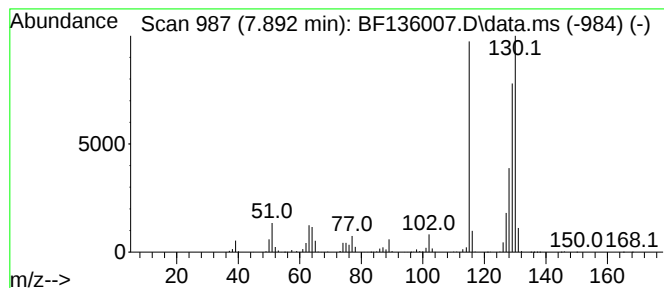
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, (1-methyl-2-cyclop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.892	239.88 ng	5022860	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene		130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...		130	C10H10	065051-83-4	96
3	Benzene, 1-butynyl-		130	C10H10	000622-76-4	95
4	1H-Indene, 1-methyl-		130	C10H10	000767-59-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...		130	C10H10	015677-15-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

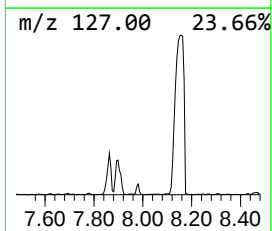
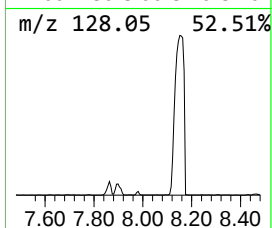
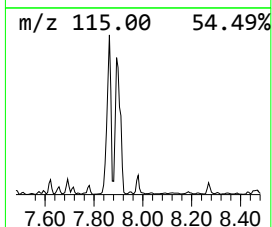
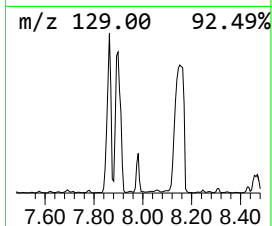
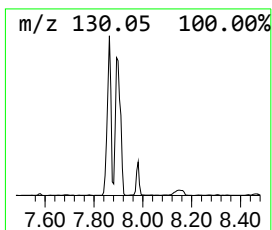
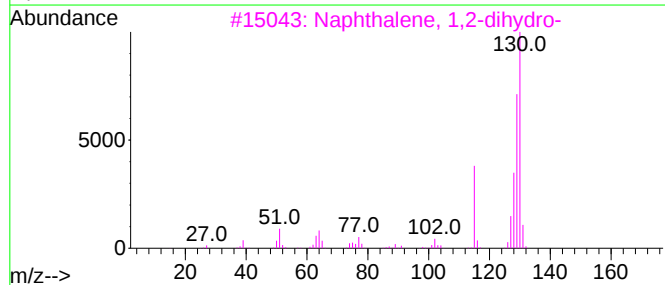
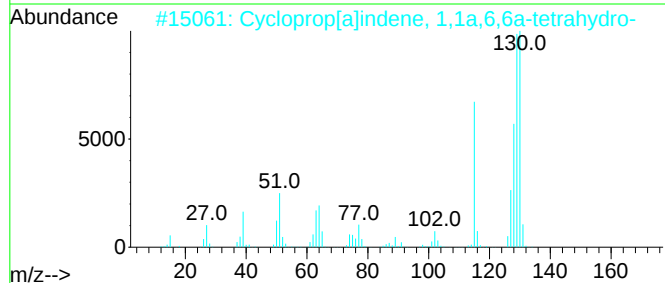
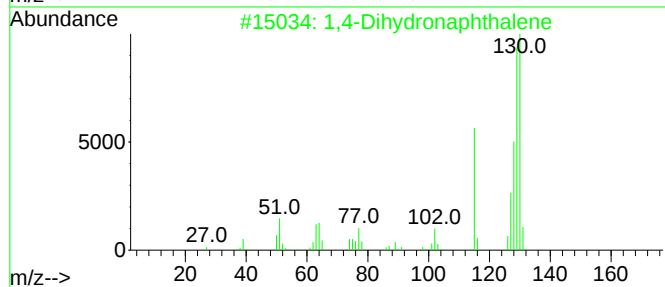
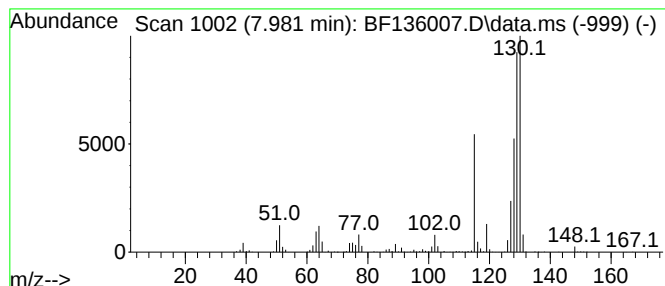
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1,4-Dihydronaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.981	34.79 ng	728377	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	97
2			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	90
4			2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	68
5			Benzene, 1-cyclobuten-1-yl-	130	C10H10	003365-26-2	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

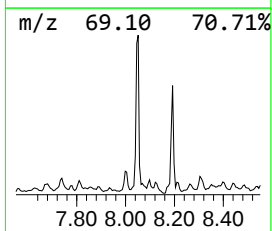
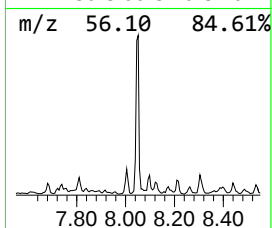
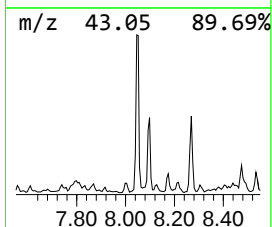
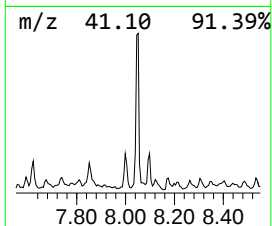
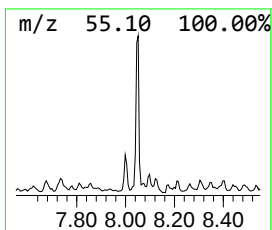
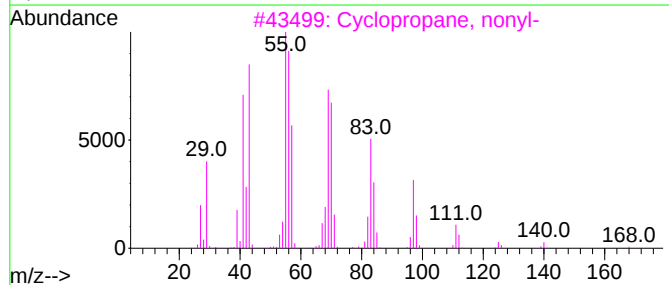
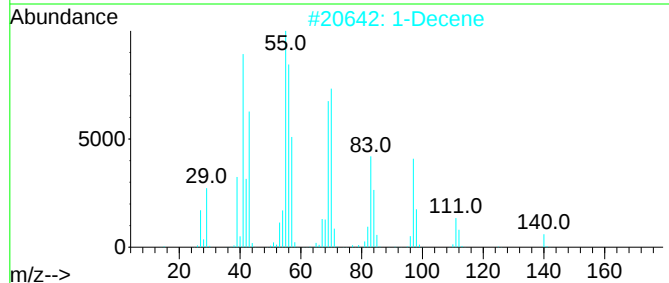
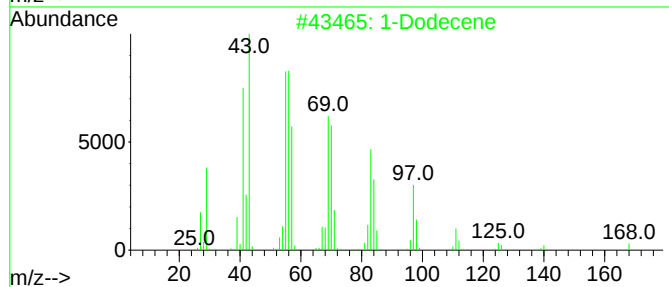
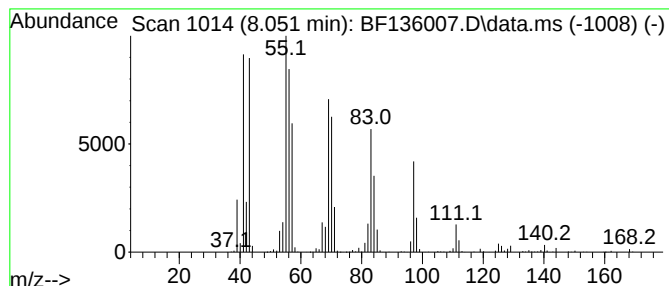
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Dodecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.051	64.79 ng	1356700	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene		168	C12H24	000112-41-4	96
2	1-Decene		140	C10H20	000872-05-9	93
3	Cyclopropane, nonyl-		168	C12H24	074663-85-7	93
4	4-Dodecene, (E)-		168	C12H24	007206-15-7	93
5	1-Undecene		154	C11H22	000821-95-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

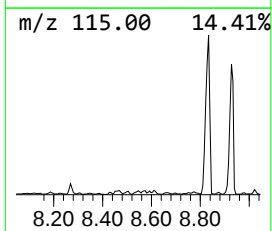
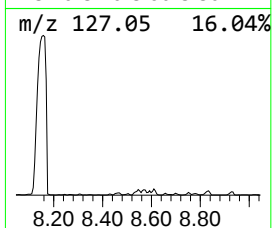
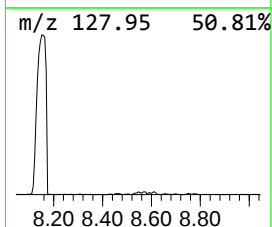
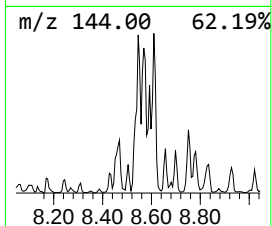
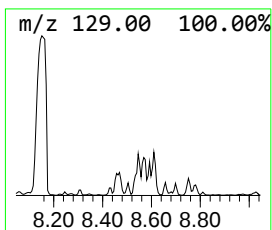
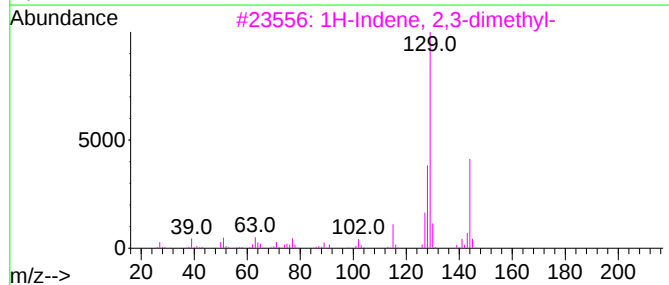
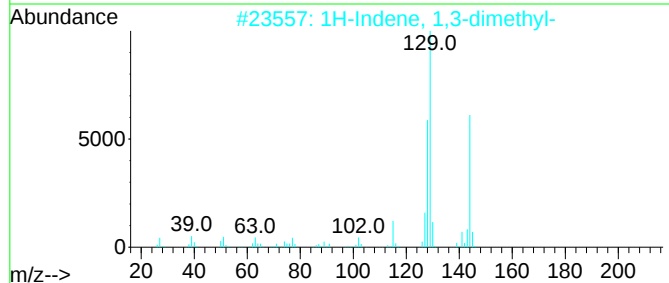
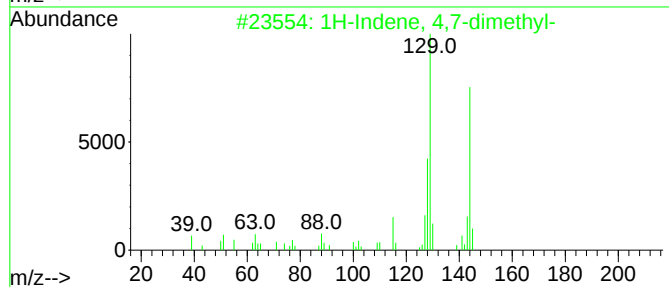
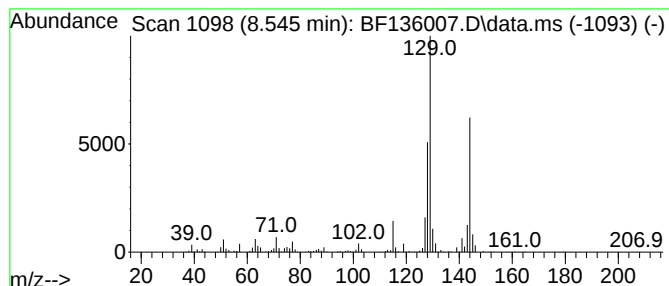
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Indene, 4,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	35.73 ng	748056	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	97
2			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
3			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	94
4			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	94
5			1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
0-3(5-10)

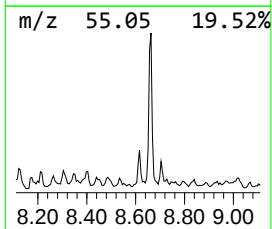
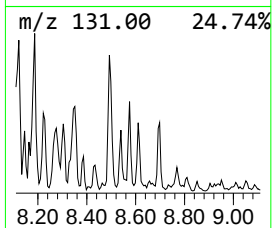
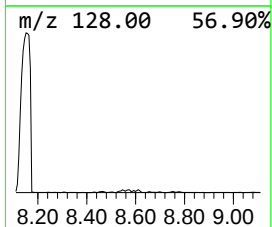
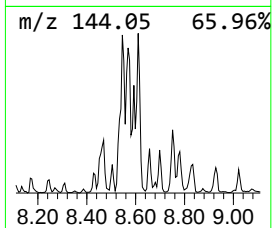
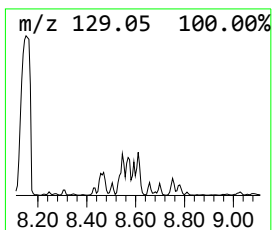
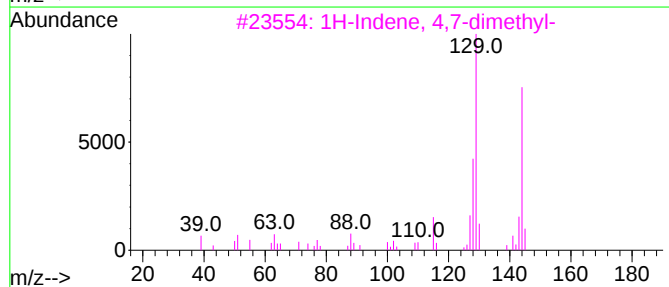
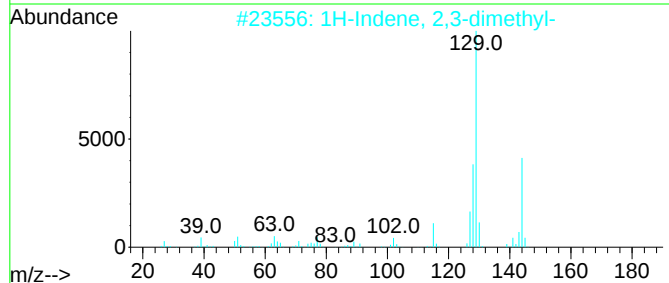
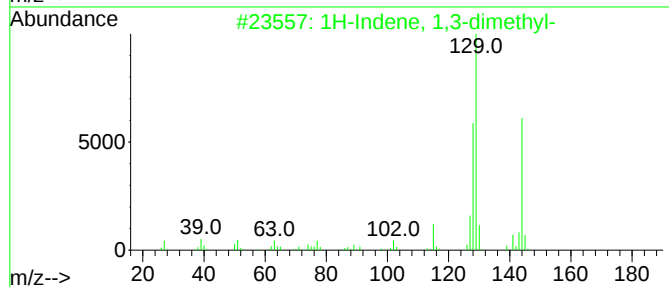
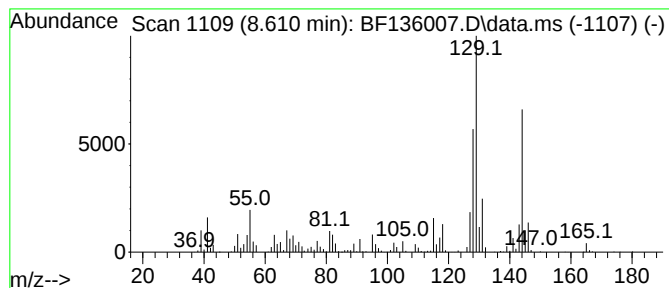
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1H-Indene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	33.23 ng	695875	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	89
3		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	81
4		(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	81
5		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

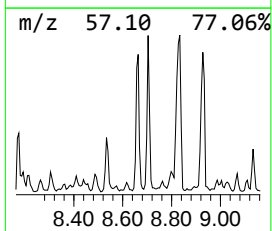
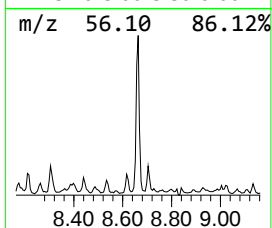
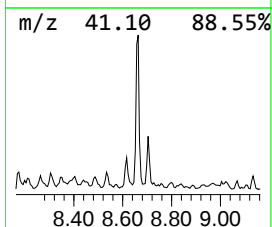
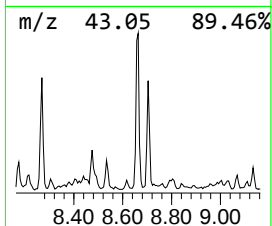
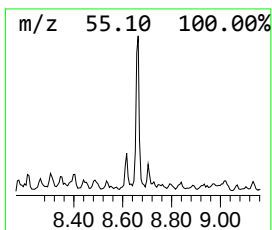
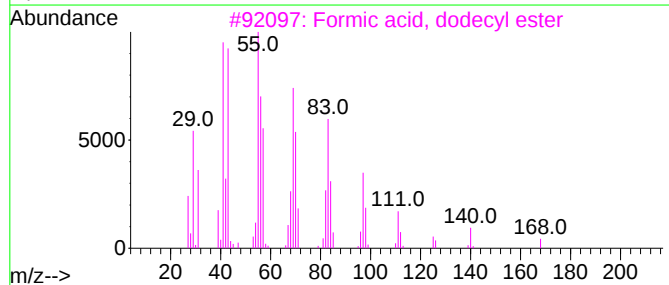
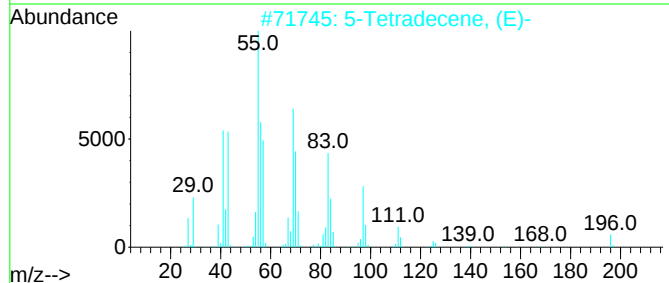
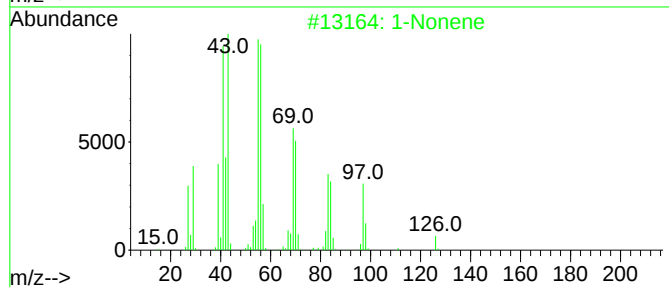
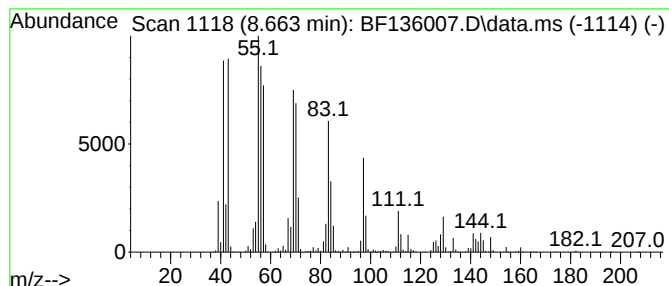
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1-Nonene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	55.25 ng	1156850	Naphthalene-d8	8.116

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene		126	C9H18	000124-11-8	91
2	5-Tetradecene, (E)-		196	C14H28	041446-66-6	91
3	Formic acid, dodecyl ester		214	C13H26O2	028303-42-6	90
4	1-Undecene		154	C11H22	000821-95-4	87
5	Cyclooctane, 1,4-dimethyl-, cis-		140	C10H20	013151-99-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

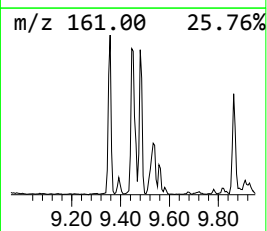
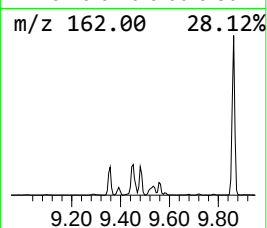
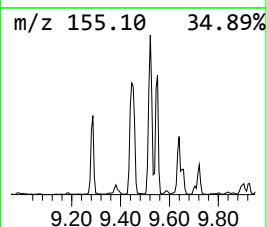
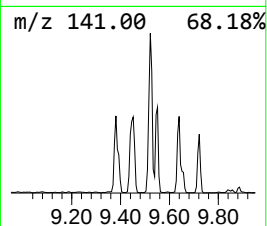
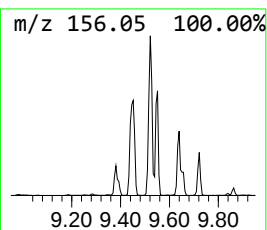
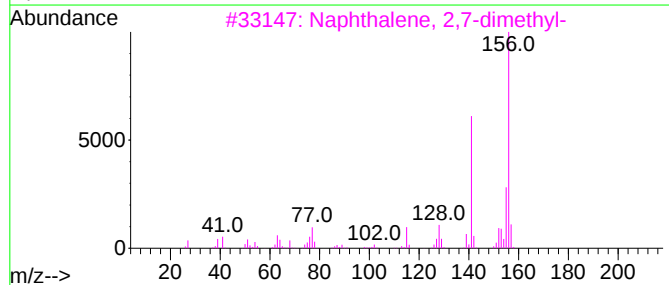
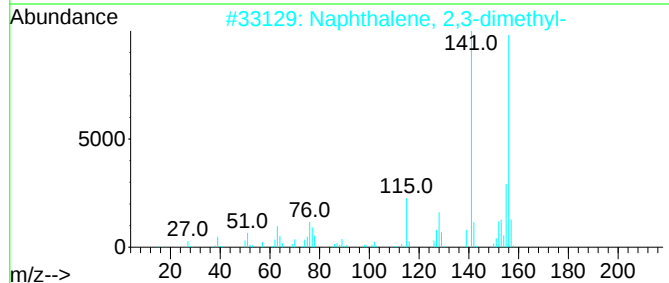
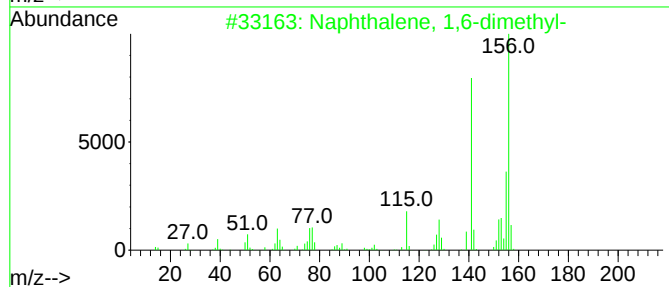
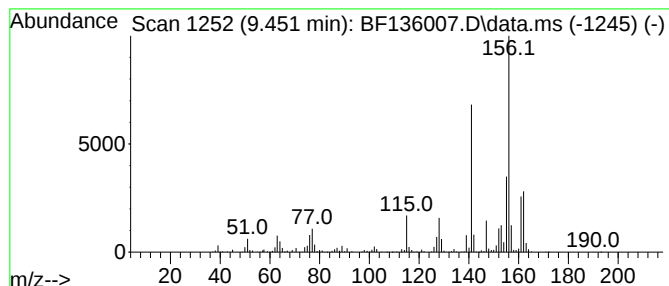
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	29.88 ng	1769310	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136007.D
Acq On : 28 Oct 2023 16:05
Operator : CG\JU
Sample : 04938-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-3(5-10)

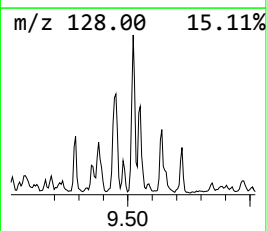
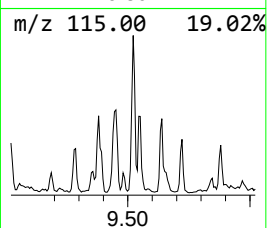
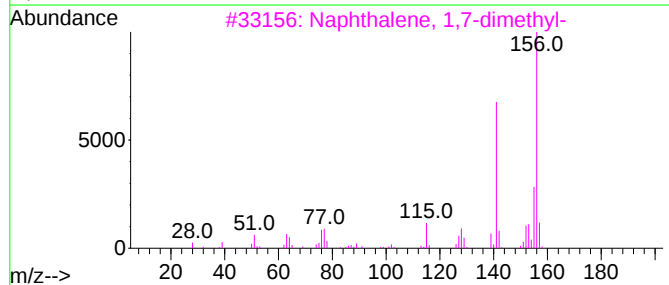
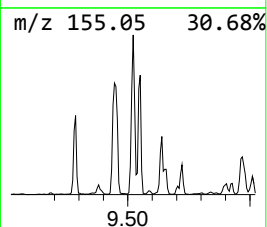
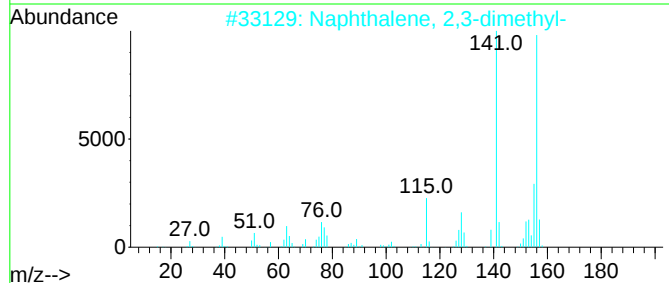
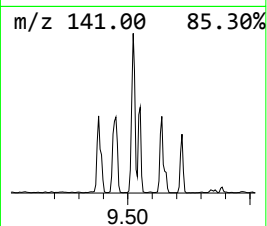
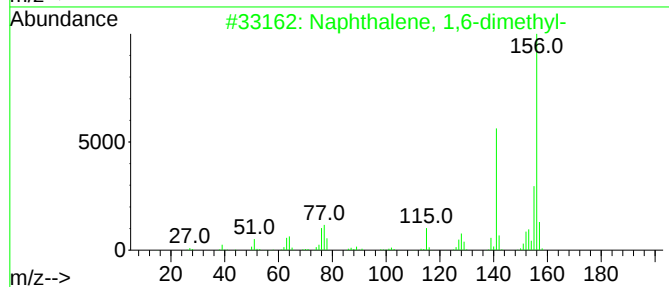
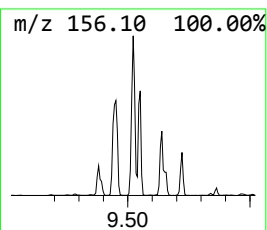
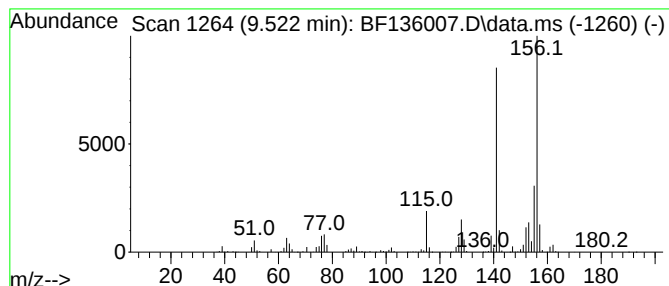
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	31.55 ng	1868470	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136007.D
 Acq On : 28 Oct 2023 16:05
 Operator : CG\JU
 Sample : 04938-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0-3(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-di...	5.687	63.1	ng	2713220	1	6.828	859866	20.0
Benzene, 1-ethy...	6.357	48.1	ng	2067840	1	6.828	859866	20.0
Benzene, 1-ethy...	6.387	30.7	ng	1319110	1	6.828	859866	20.0
Benzene, 1,2,3-...	6.657	147.1	ng	6323390	1	6.828	859866	20.0
Mesitylene	6.887	61.9	ng	2661200	1	6.828	859866	20.0
Benzene, 2-prop...	6.928	51.1	ng	2198630	1	6.828	859866	20.0
Indane	7.010	43.4	ng	1866770	1	6.828	859866	20.0
Indene	7.098	225.8	ng	9709050	1	6.828	859866	20.0
Benzene, 2-ethy...	7.145	31.1	ng	1338220	1	6.828	859866	20.0
Benzene, 1,2,4,...	7.622	70.2	ng	1470110	2	8.116	418780	20.0
2-Methylindene	7.863	281.1	ng	5886140	2	8.116	418780	20.0
Benzene, (1-met...	7.892	239.9	ng	5022860	2	8.116	418780	20.0
1,4-Dihydronaph...	7.981	34.8	ng	728377	2	8.116	418780	20.0
1-Dodecene	8.051	64.8	ng	1356700	2	8.116	418780	20.0
1H-Indene, 4,7-...	8.545	35.7	ng	748056	2	8.116	418780	20.0
1H-Indene, 1,3-...	8.610	33.2	ng	695875	2	8.116	418780	20.0
1-Nonene	8.663	55.3	ng	1156850	2	8.116	418780	20.0
Naphthalene, 1,...	9.451	29.9	ng	1769310	3	9.863	1184410	20.0
Naphthalene, 2,...	9.522	31.6	ng	1868470	3	9.863	1184410	20.0