

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124972.D
 Acq On : 7 Aug 2021 13:36
 Operator : JU/CG
 Sample : M3281-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03

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-BF080421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124972.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.440	567	570	575	rVB	62325	52260	21.77%	2.385%
2	6.451	739	742	746	rBB	45503	35127	14.63%	1.603%
3	6.828	803	806	809	rBB	43165	30220	12.59%	1.379%
4	6.987	829	833	835	rBV	186981	153753	64.06%	7.018%
5	7.010	835	837	839	rVB	11181	8537	3.56%	0.390%
6	7.075	846	848	850	rBB	4951	3308	1.38%	0.151%
7	7.363	894	897	899	rBV	28387	22713	9.46%	1.037%
8	7.392	899	902	905	rVB2	143434	135136	56.30%	6.169%
9	7.598	931	937	939	rBB	19482	17161	7.15%	0.783%
10	7.757	962	964	966	rBV	6158	5089	2.12%	0.232%
11	7.781	966	968	972	rVB	11003	8395	3.50%	0.383%
12	7.845	976	979	983	rBB2	59970	48982	20.41%	2.236%
13	7.975	999	1001	1004	rBB	4959	3848	1.60%	0.176%
14	8.010	1005	1007	1012	rBB	14759	11575	4.82%	0.528%
15	8.110	1018	1024	1026	rBV2	52475	61175	25.49%	2.792%
16	8.128	1026	1027	1029	rVB	22097	13400	5.58%	0.612%
17	8.151	1029	1031	1034	rVB	15206	12715	5.30%	0.580%
18	8.192	1035	1038	1041	rBB2	5644	4799	2.00%	0.219%
19	8.304	1055	1057	1060	rVB	12296	8044	3.35%	0.367%
20	8.351	1063	1065	1067	rBV	7795	6258	2.61%	0.286%
21	8.386	1067	1071	1074	rVB3	9877	9532	3.97%	0.435%
22	8.492	1086	1089	1092	rBV	19998	14367	5.99%	0.656%
23	8.575	1100	1103	1106	rBV2	20763	19004	7.92%	0.867%
24	8.610	1106	1109	1115	rVB3	30005	25566	10.65%	1.167%
25	8.669	1115	1119	1121	rVB2	7718	6630	2.76%	0.303%
26	8.698	1121	1124	1127	rBV2	12459	11187	4.66%	0.511%
27	8.739	1127	1131	1133	rVV2	5571	6599	2.75%	0.301%
28	8.769	1133	1136	1139	rVV2	25541	19546	8.14%	0.892%
29	8.798	1139	1141	1143	rVV	4641	4455	1.86%	0.203%
30	8.822	1143	1145	1148	rVB	26695	18365	7.65%	0.838%
31	8.922	1156	1162	1165	rBV2	27271	31232	13.01%	1.426%
32	8.951	1165	1167	1172	rVB	8866	7611	3.17%	0.347%
33	9.045	1182	1183	1186	rBB2	4250	4010	1.67%	0.183%
34	9.186	1203	1207	1210	rBV	294055	240031	100.00%	10.957%
35	9.333	1228	1232	1234	rBV2	10791	9789	4.08%	0.447%
36	9.357	1234	1236	1238	rVV	5184	5353	2.23%	0.244%

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37	9.381	1238	1240	1245	rVB	36024	36219	15.09%	1.653%
38	9.451	1247	1252	1255	rVB2	82560	106827	44.51%	4.876%
39	9.522	1260	1264	1267	rVV2	141088	152544	63.55%	6.963%
40	9.551	1267	1269	1273	rVB2	16434	15610	6.50%	0.713%
41	9.639	1281	1284	1289	rBB	55656	59272	24.69%	2.706%
42	9.722	1295	1298	1302	rVB2	36422	32345	13.48%	1.476%
43	9.863	1319	1322	1325	rBV	64727	51085	21.28%	2.332%
44	9.898	1325	1328	1331	rVB3	12250	12077	5.03%	0.551%
45	9.963	1336	1339	1344	rVV2	15116	19613	8.17%	0.895%
46	10.004	1344	1346	1351	rVV3	4917	6133	2.56%	0.280%
47	10.063	1351	1356	1360	rVV2	32249	29437	12.26%	1.344%
48	10.104	1360	1363	1366	rVB	26270	19289	8.04%	0.880%
49	10.180	1373	1376	1378	rBV	19339	16255	6.77%	0.742%
50	10.210	1378	1381	1383	rVB	14012	11080	4.62%	0.506%
51	10.269	1387	1391	1393	rBV	14830	17424	7.26%	0.795%
52	10.286	1393	1394	1396	rVB	9758	5117	2.13%	0.234%
53	10.410	1412	1415	1418	rBV2	12484	13505	5.63%	0.616%
54	10.475	1421	1426	1428	rVV	20983	18897	7.87%	0.863%
55	10.492	1428	1429	1432	rVB	5578	3879	1.62%	0.177%
56	10.569	1439	1442	1445	rVB	2451	3238	1.35%	0.148%
57	10.651	1452	1456	1459	rVB	116347	93770	39.07%	4.280%
58	10.951	1504	1507	1510	rBB2	3727	3806	1.59%	0.174%
59	10.986	1510	1513	1515	rBV	10483	7840	3.27%	0.358%
60	11.351	1571	1575	1577	rBV	56617	48932	20.39%	2.234%
61	11.375	1577	1579	1581	rVB	9582	7224	3.01%	0.330%
62	11.874	1661	1664	1668	rVB	15652	14145	5.89%	0.646%
63	12.663	1794	1798	1800	rBV2	7515	7813	3.25%	0.357%
64	12.821	1821	1825	1828	rBV	5534	5304	2.21%	0.242%
65	12.939	1840	1845	1848	rBV	255930	237286	98.86%	10.831%
66	13.986	2019	2023	2026	rBB	37515	29324	12.22%	1.339%
67	15.445	2266	2271	2275	rBB2	27833	29679	12.36%	1.355%

Sum of corrected areas: 2190741

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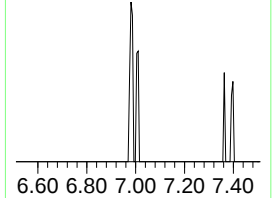
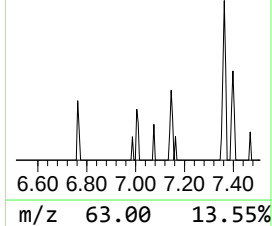
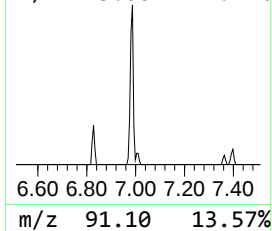
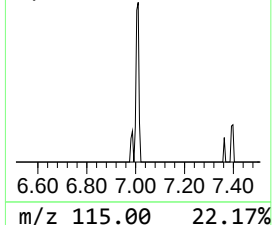
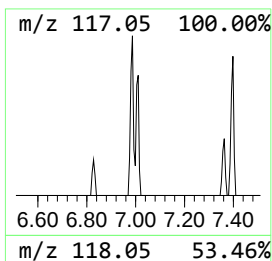
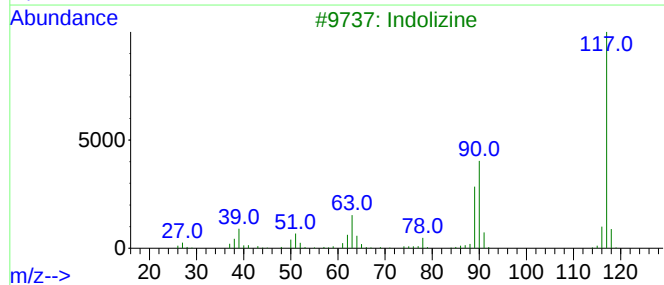
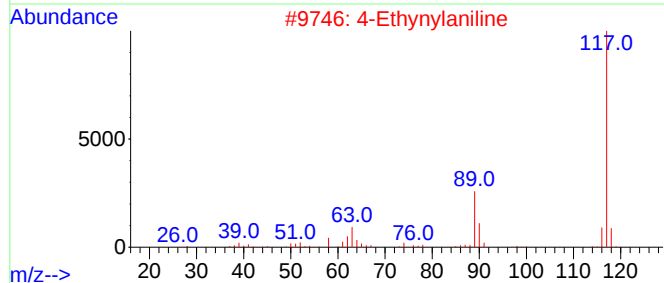
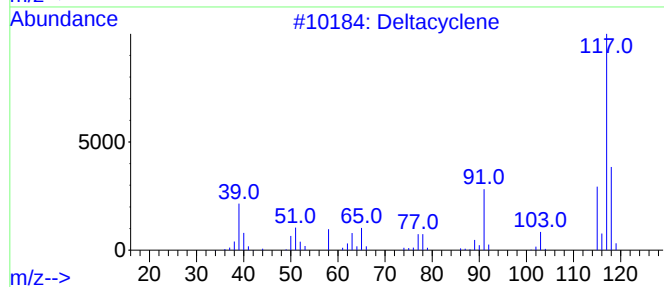
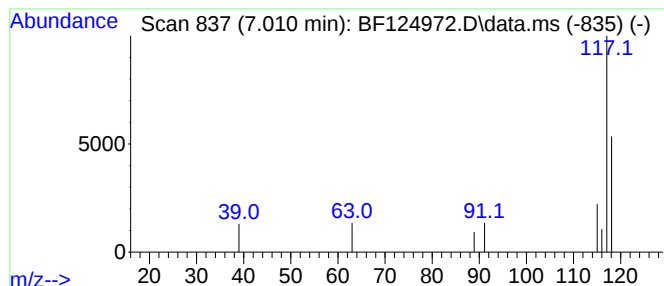
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Deltacyclene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	5.65 ng	8537	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Deltacyclene	118	C9H10	007785-10-6	56
2			4-Ethynylaniline	117	C8H7N	014235-81-5	9
3			Indolizine	117	C8H7N	000274-40-8	9
4			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	9
5			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	9



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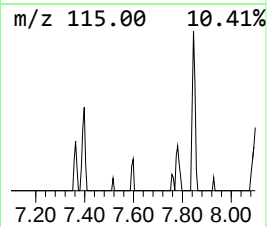
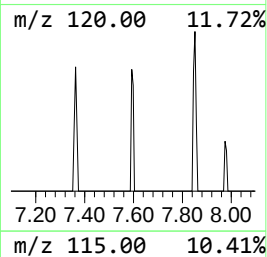
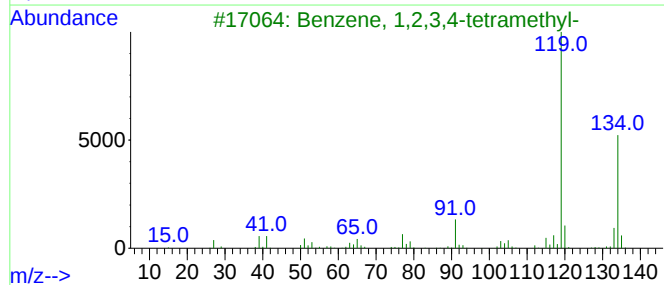
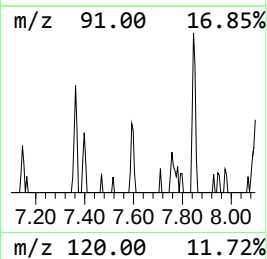
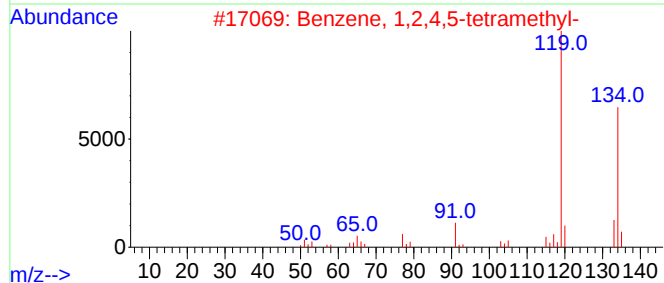
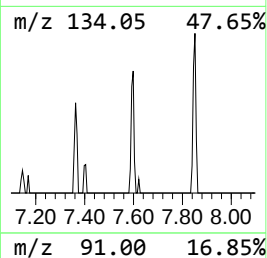
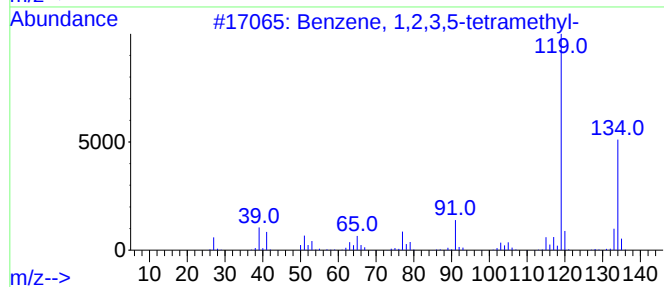
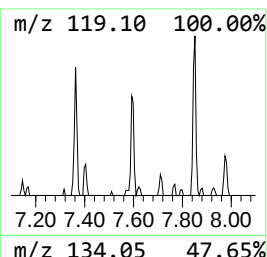
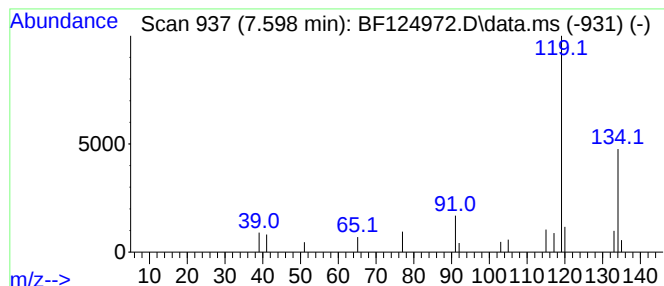
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	5.61 ng	17161	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



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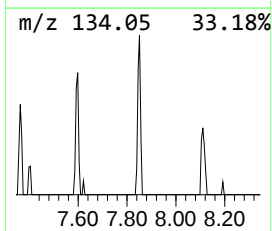
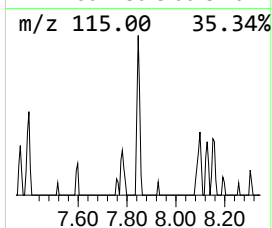
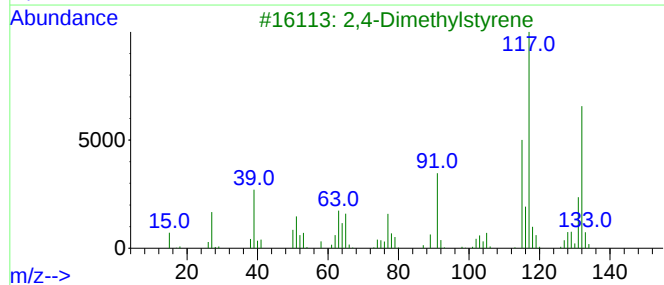
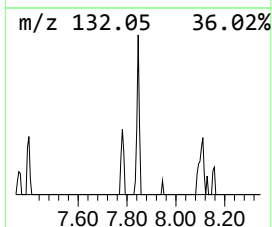
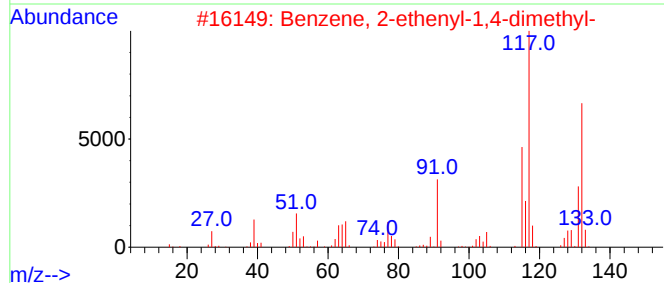
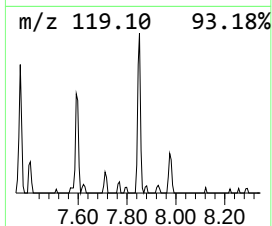
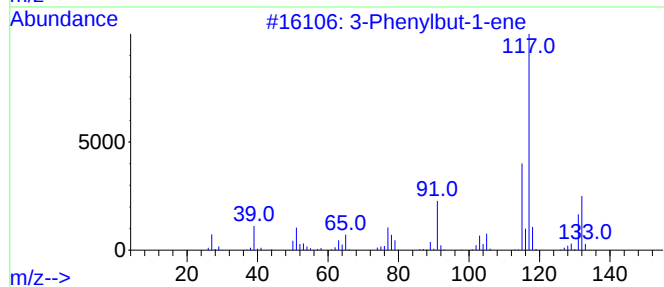
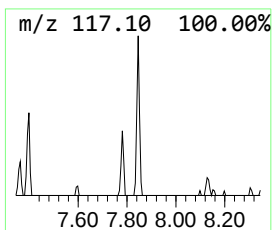
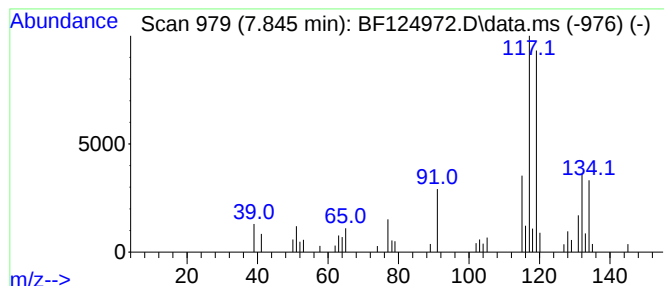
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Peak Number 4 3-Phenylbut-1-ene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.845	16.01 ng	48982	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55



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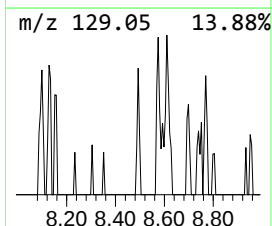
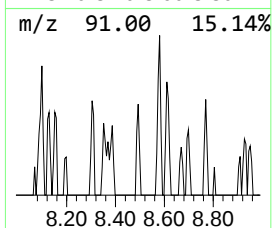
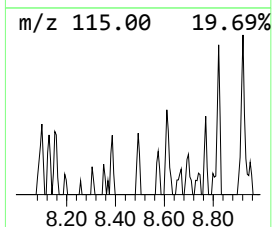
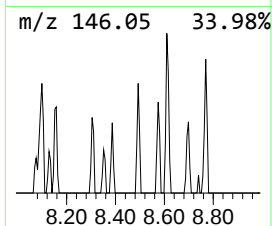
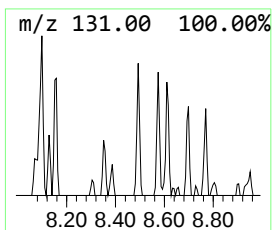
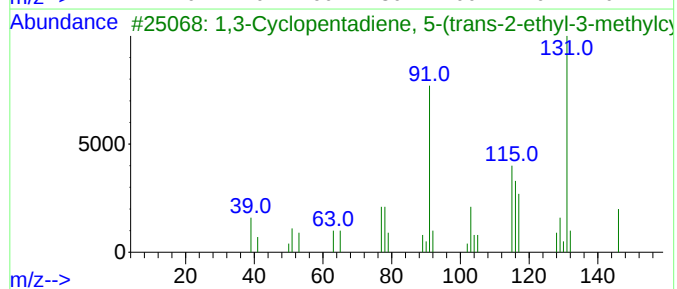
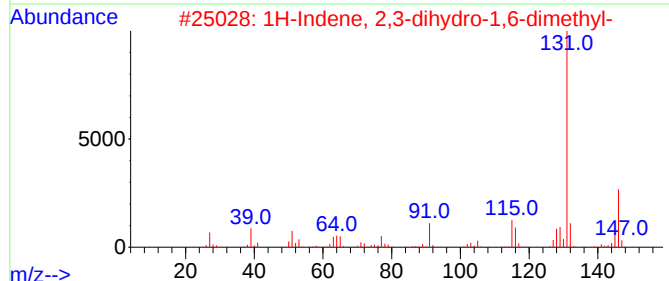
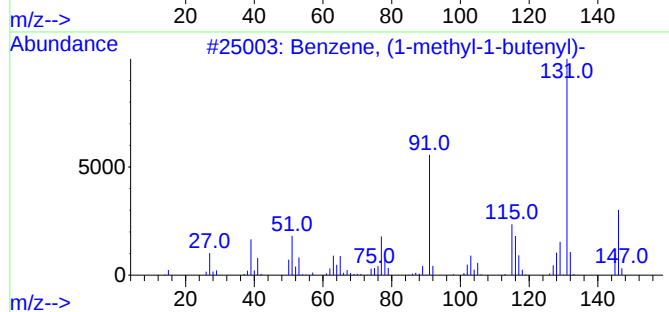
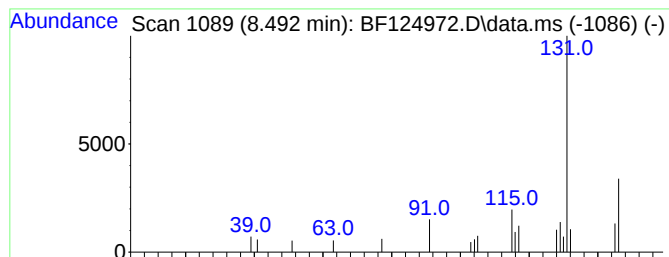
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, (1-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.492	4.70 ng	14367	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	90
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	86



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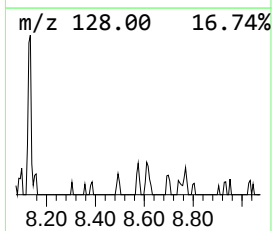
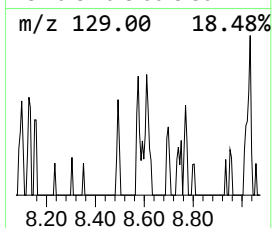
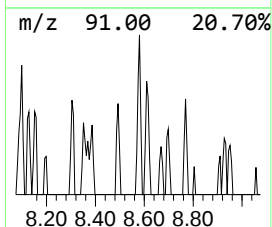
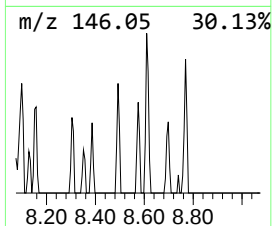
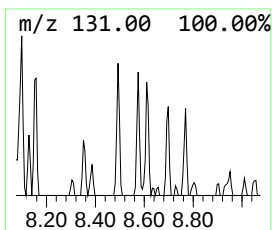
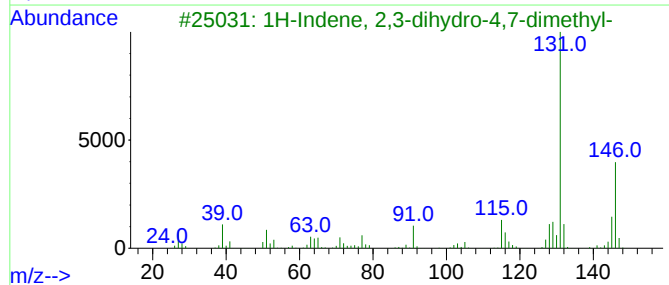
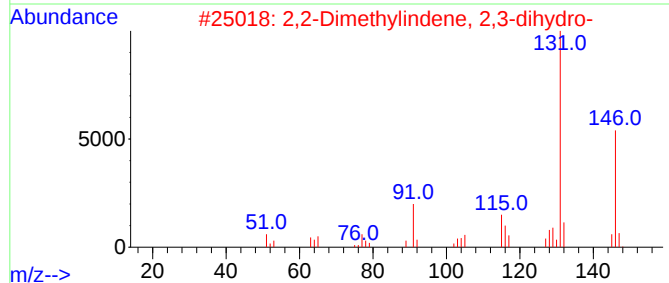
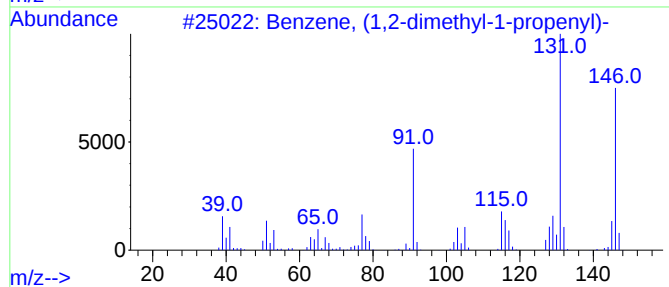
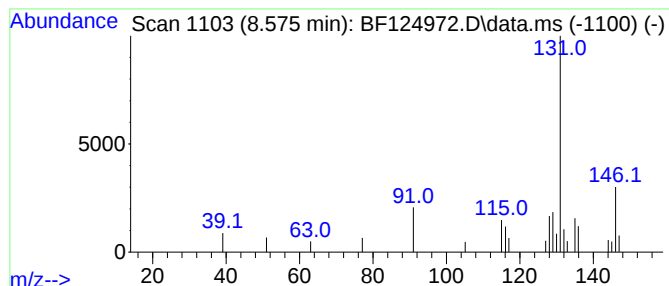
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	6.21 ng	19004	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP03

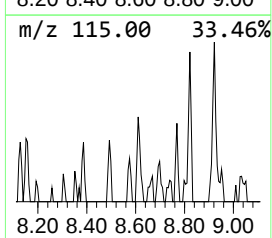
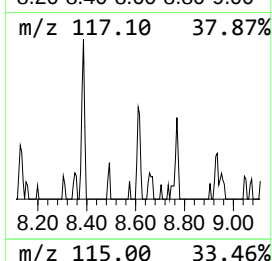
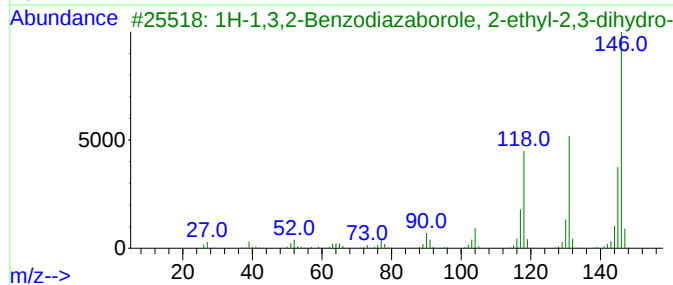
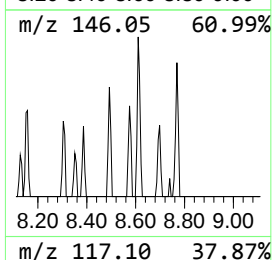
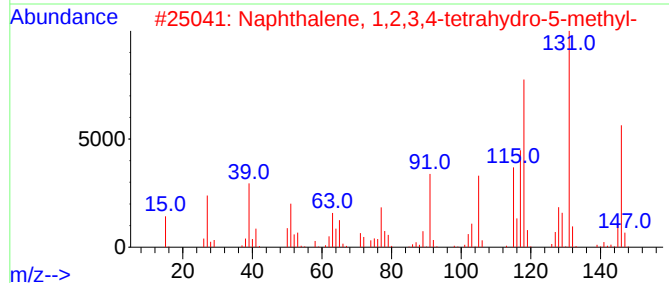
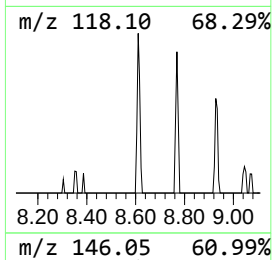
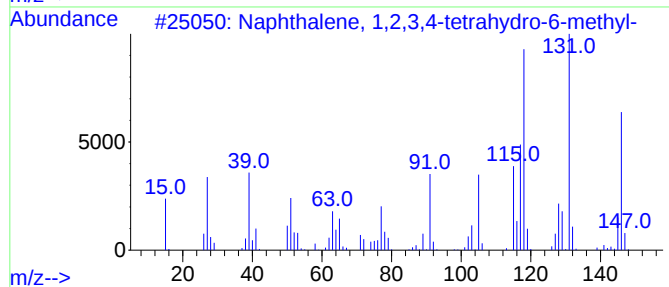
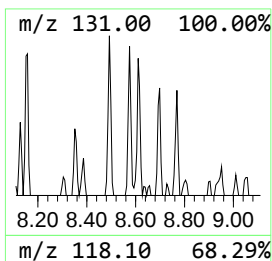
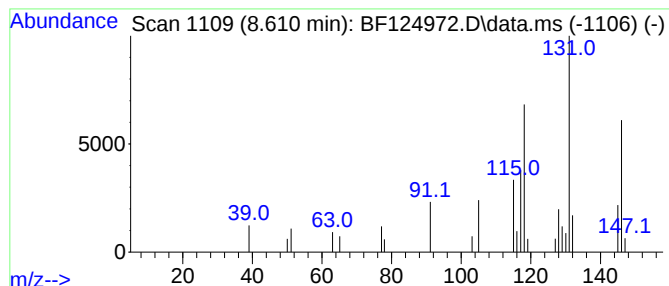
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	8.36 ng	25566	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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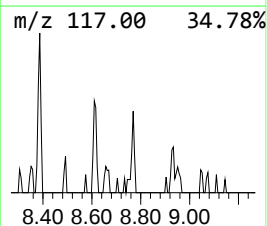
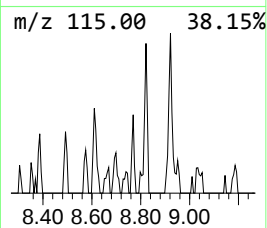
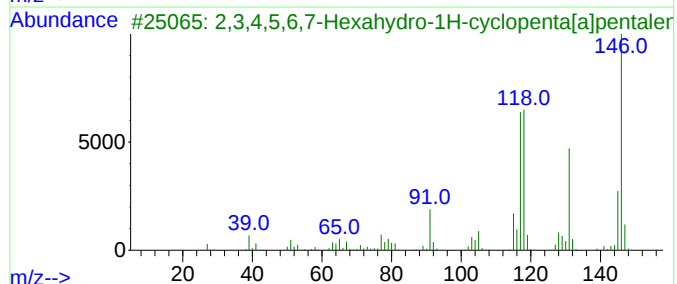
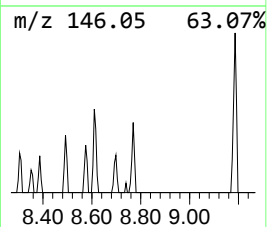
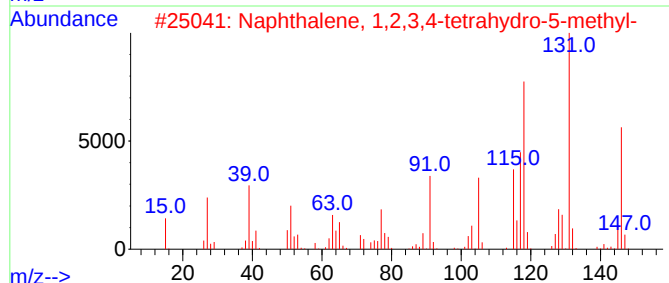
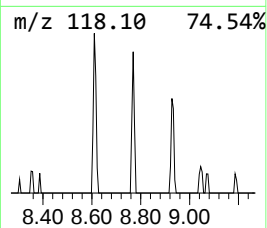
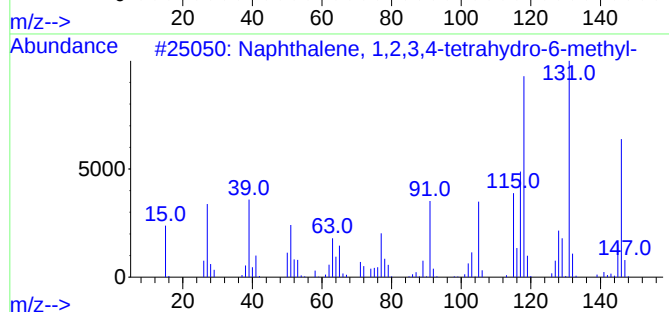
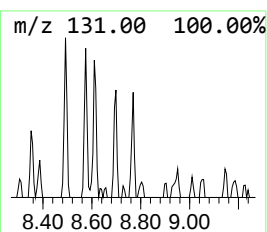
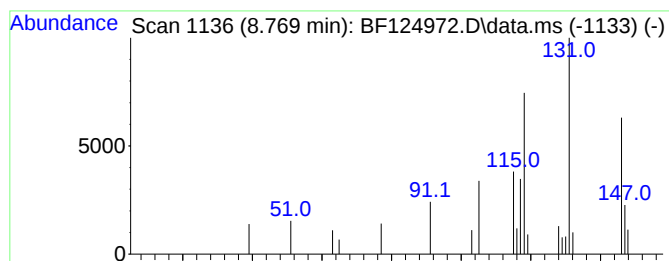
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.769	6.39 ng	19546	Naphthalene-d8	8.110

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	64
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
5			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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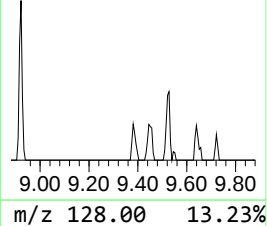
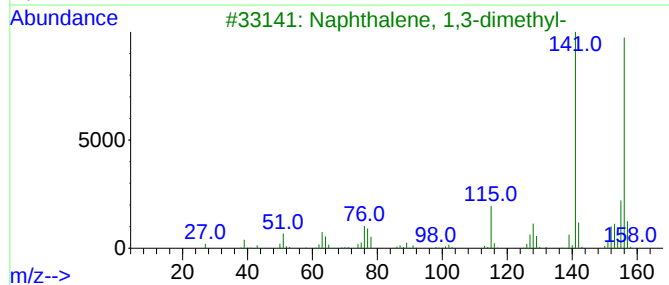
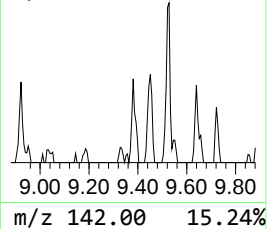
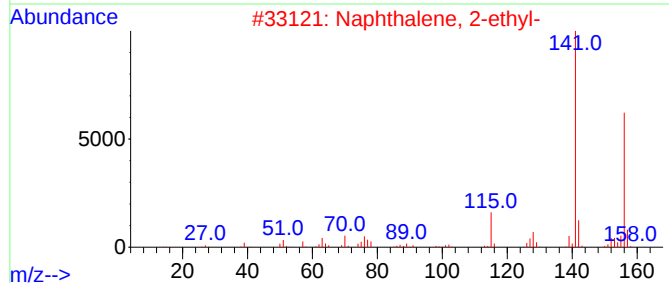
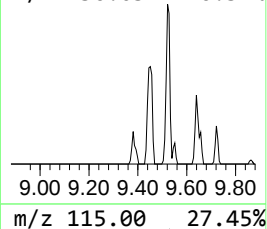
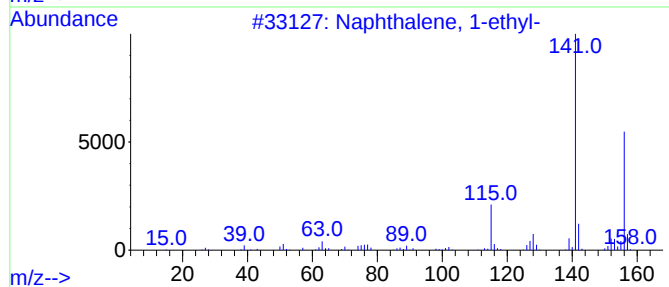
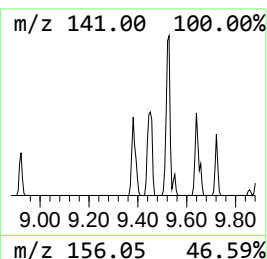
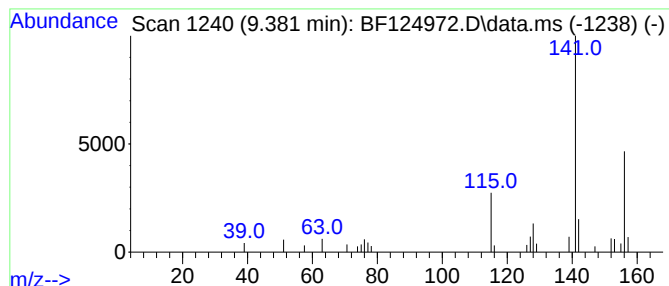
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	14.18 ng	36219	Acenaphthene-d10	9.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
5			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
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Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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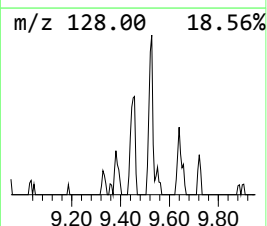
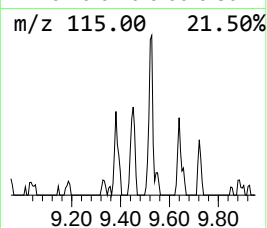
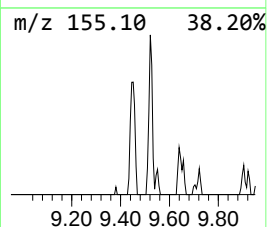
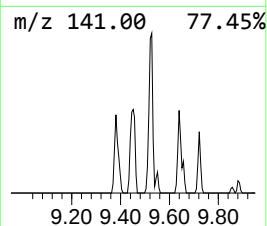
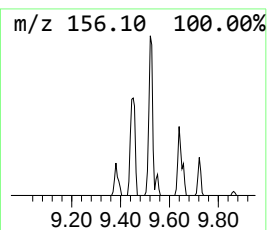
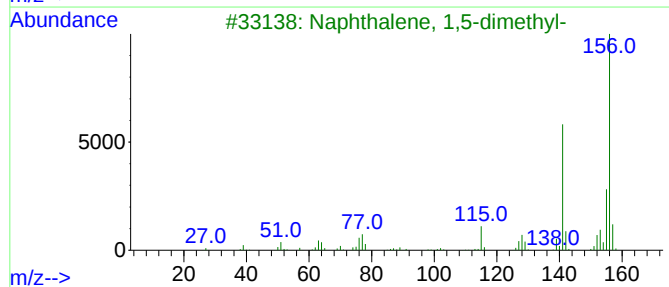
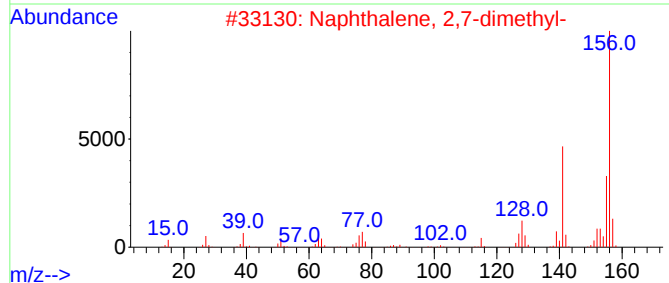
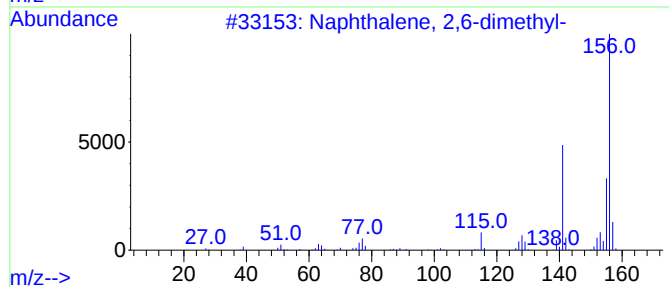
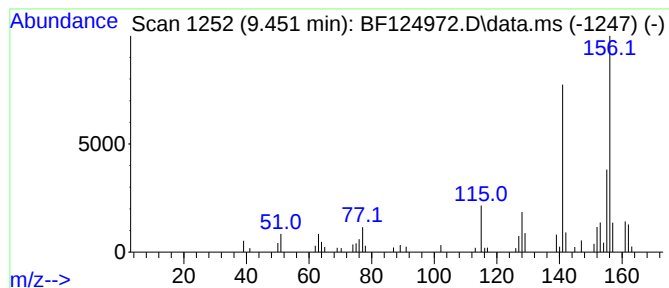
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	41.82 ng	106827	Acenaphthene-d10	9.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP03

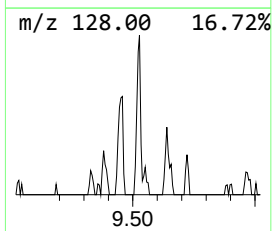
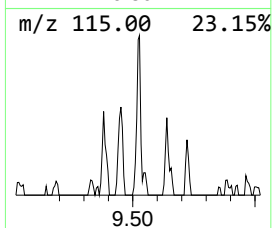
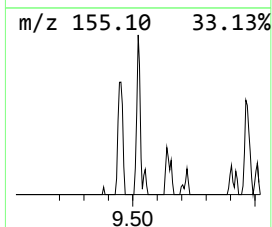
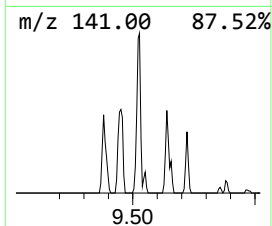
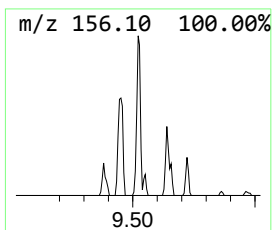
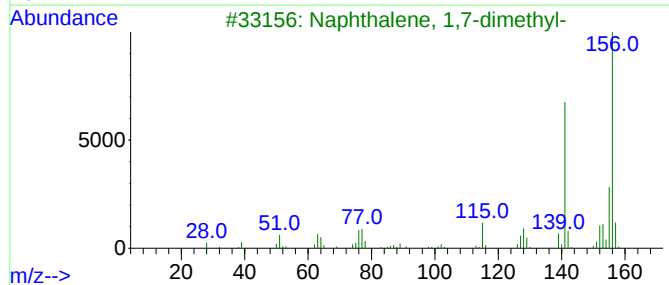
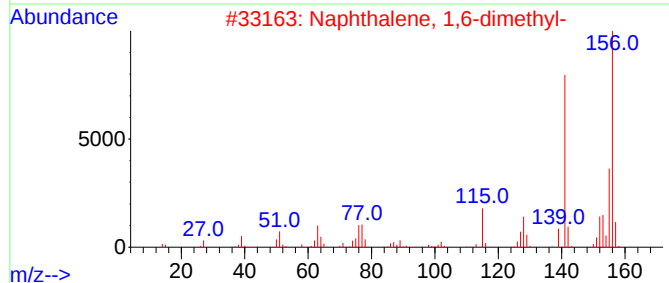
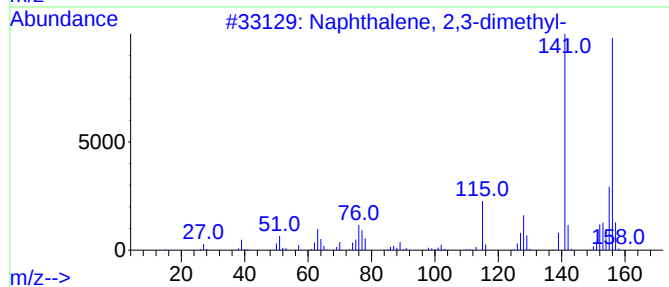
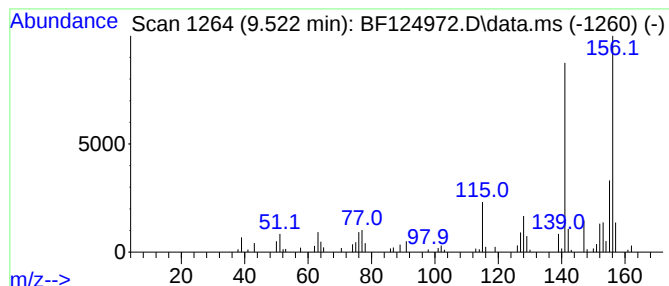
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	59.72 ng	152544	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
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Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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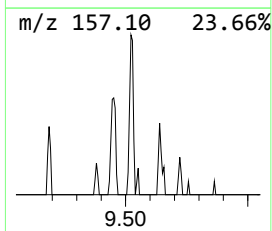
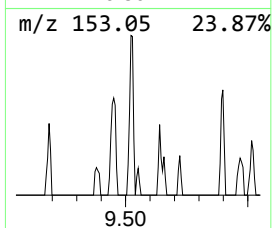
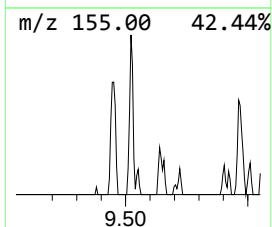
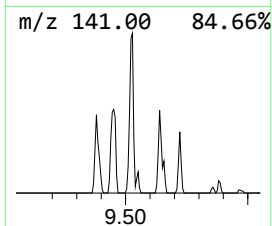
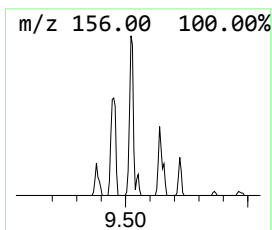
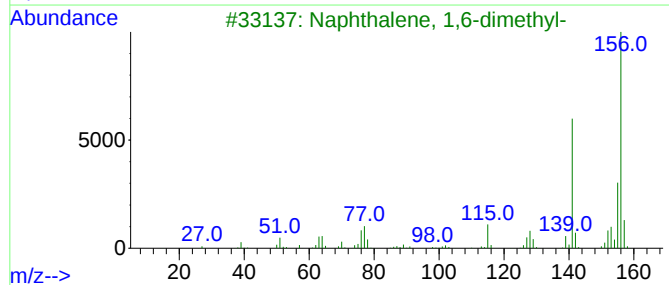
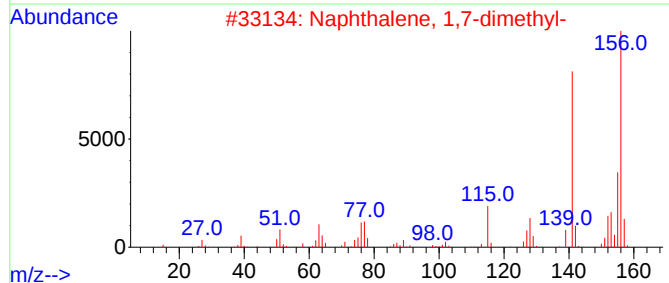
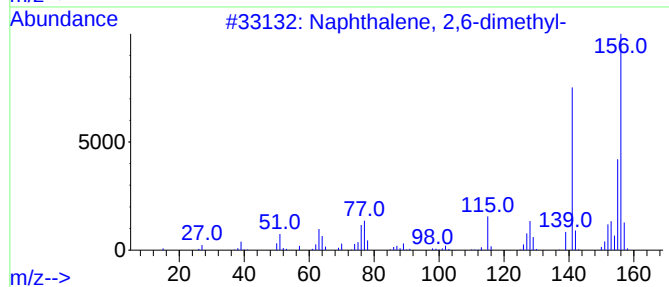
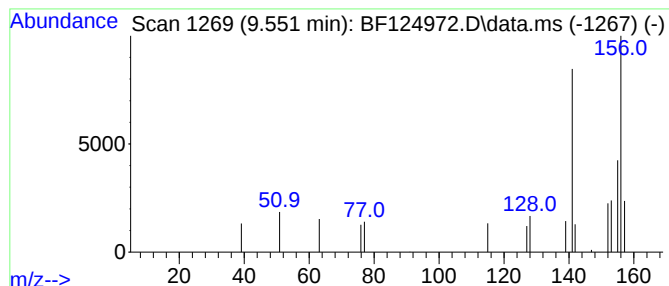
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	6.11 ng	15610	Acenaphthene-d10	9.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	87
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP03

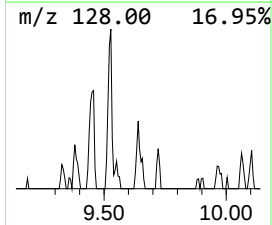
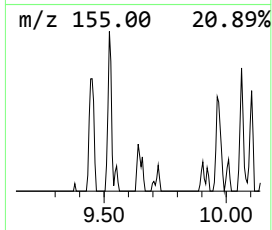
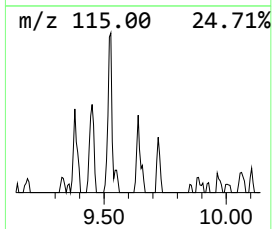
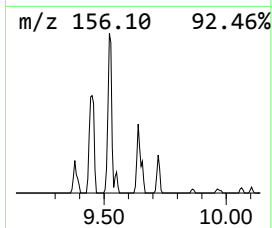
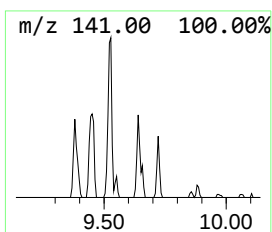
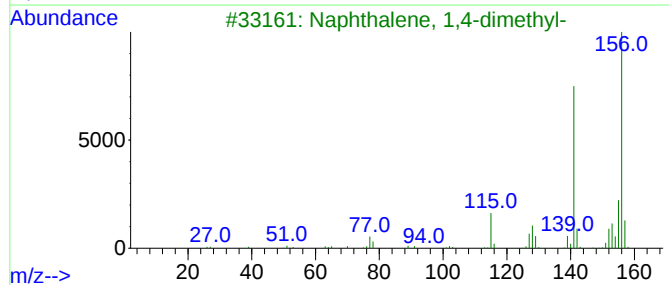
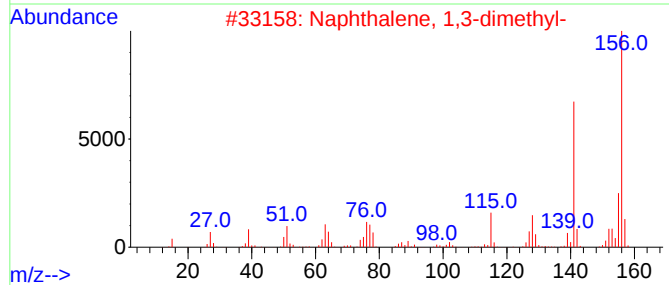
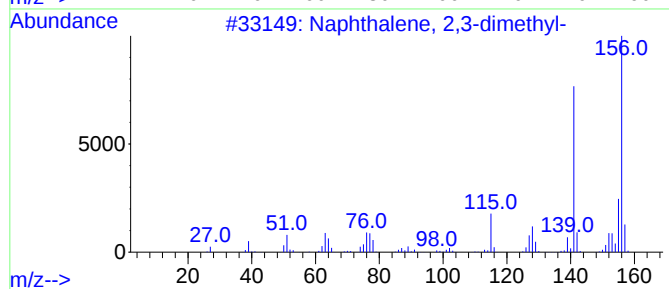
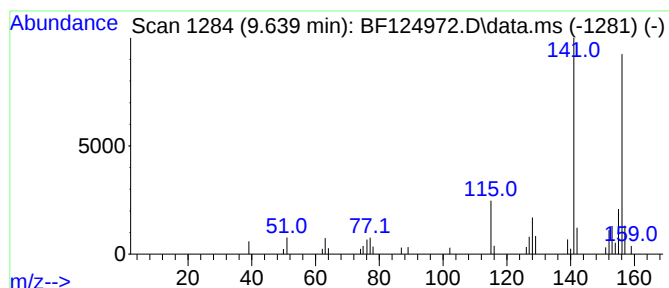
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	23.21 ng	59272	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
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Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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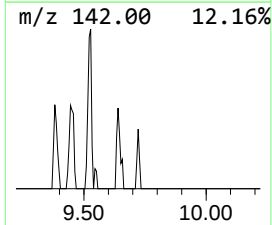
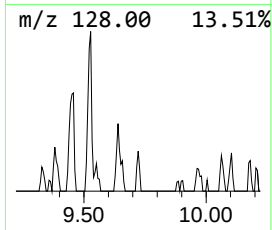
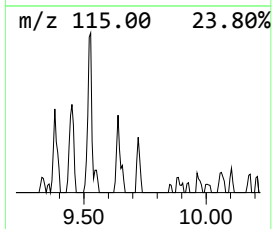
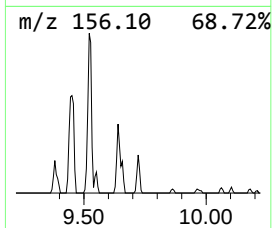
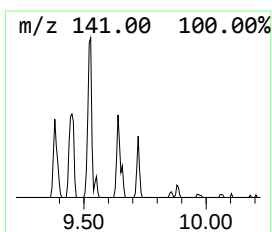
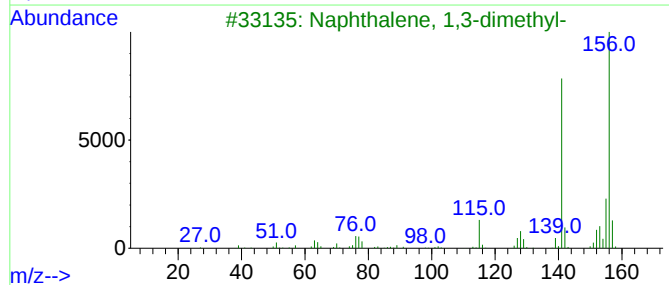
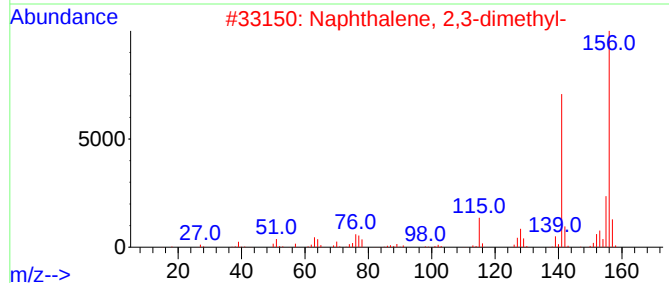
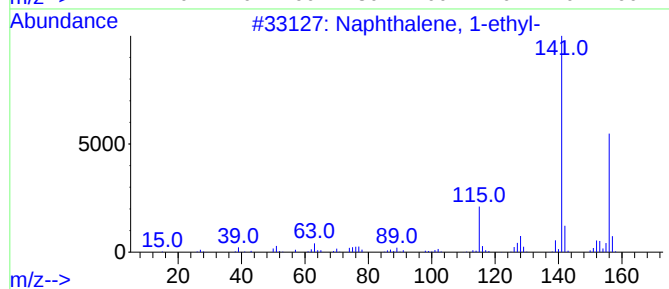
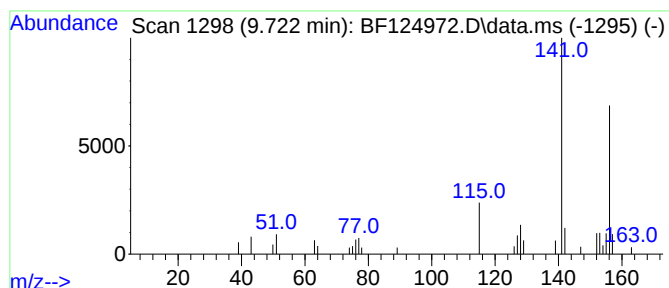
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	12.66 ng	32345	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
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Instrument :
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ClientSampleId :
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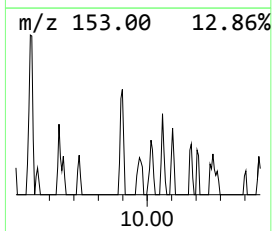
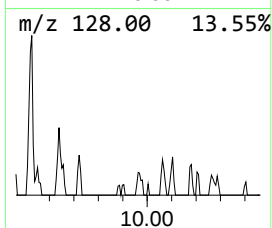
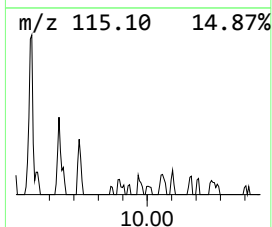
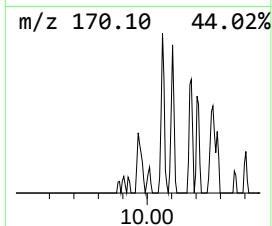
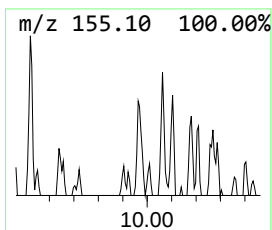
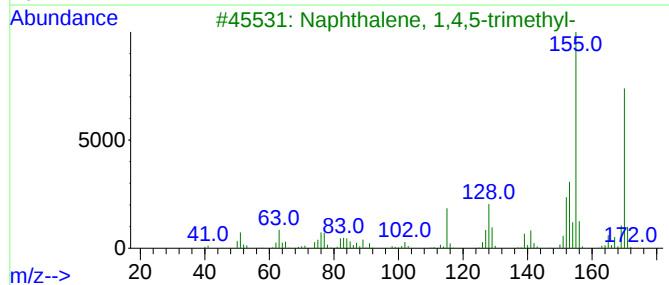
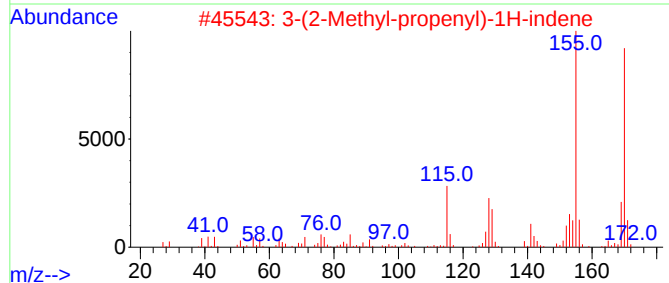
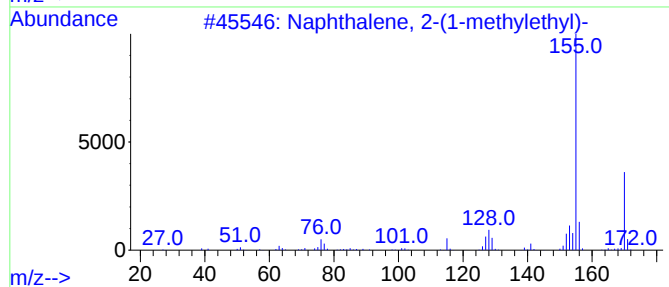
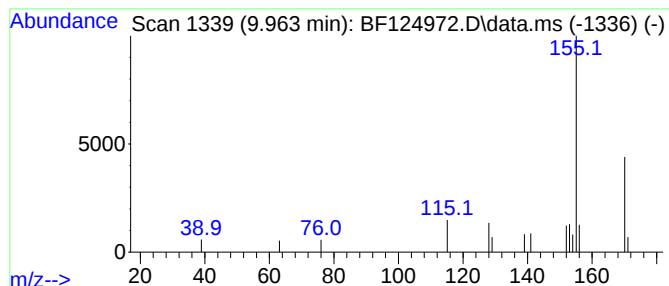
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-(1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	7.68 ng	19613	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

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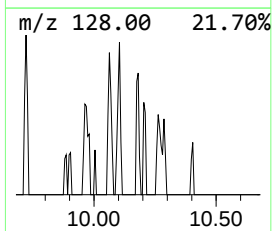
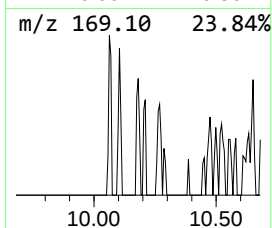
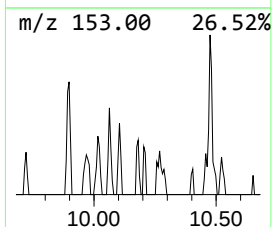
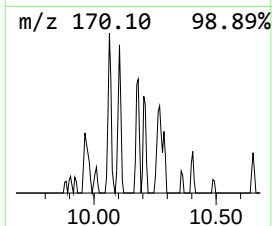
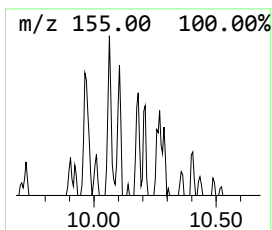
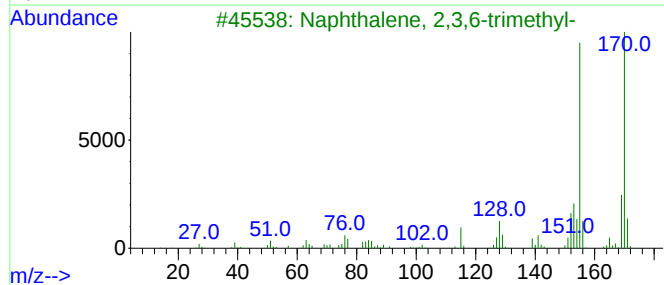
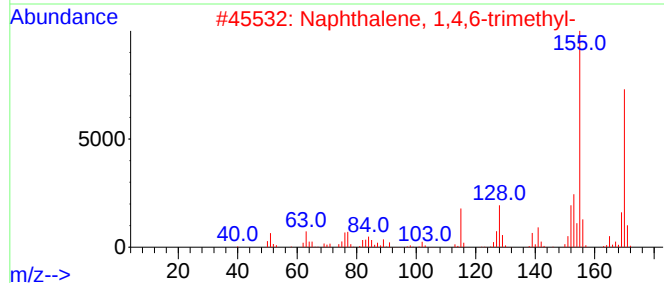
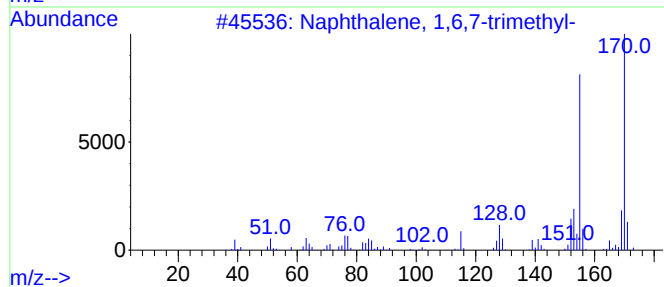
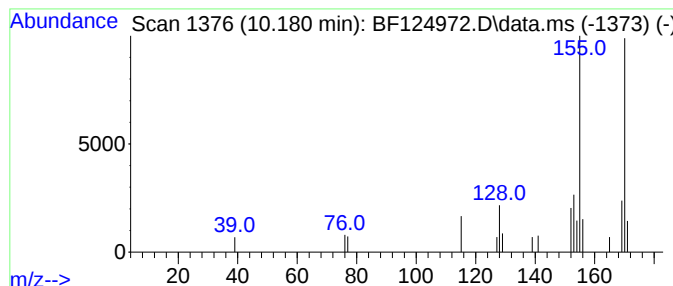
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	6.36 ng	16255	Acenaphthene-d10	9.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
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Misc :
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ClientSampleId :
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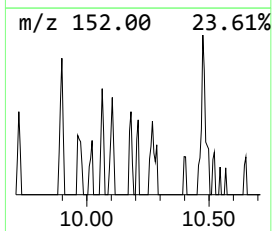
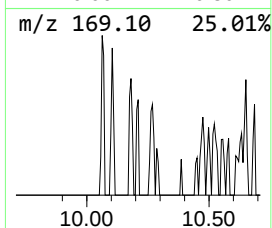
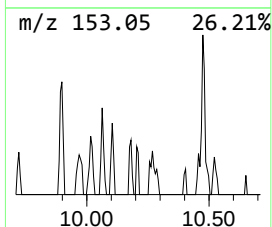
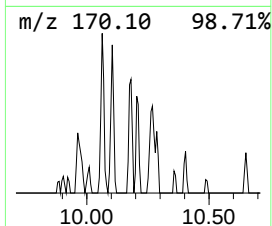
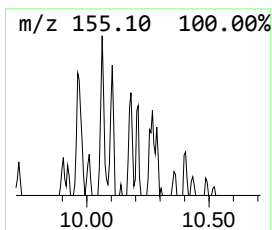
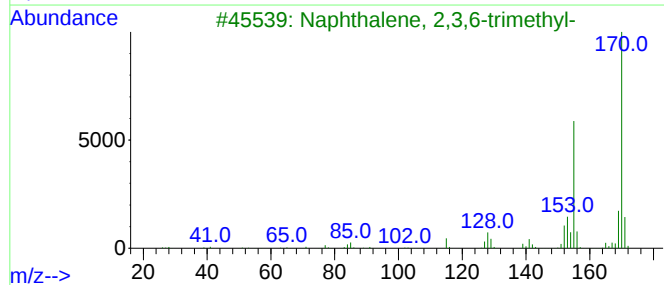
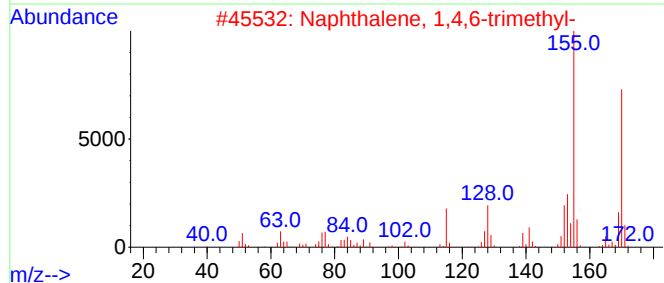
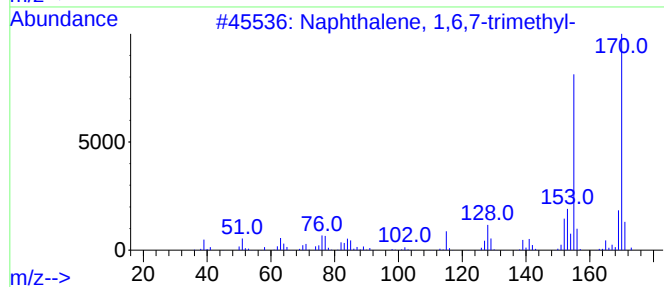
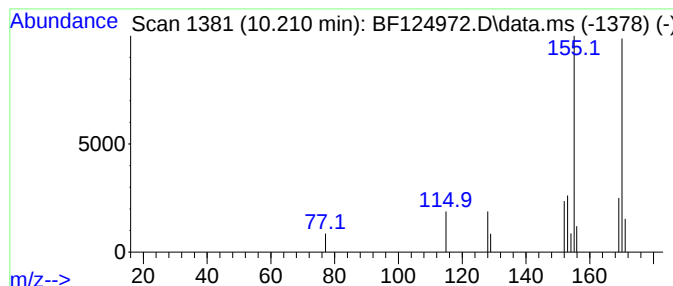
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	4.34 ng	11080	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
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Misc :
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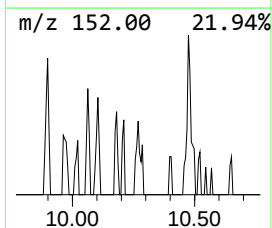
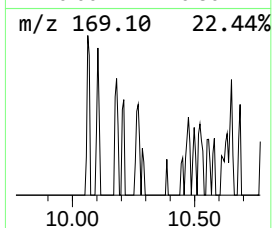
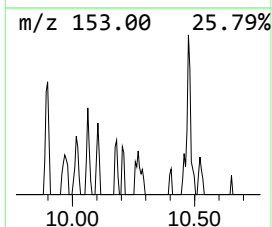
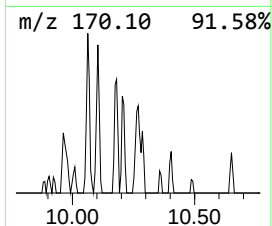
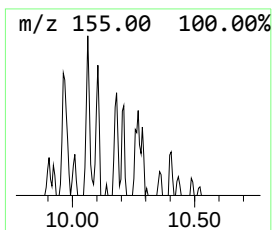
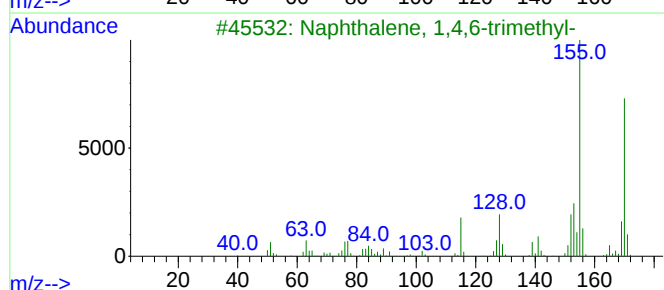
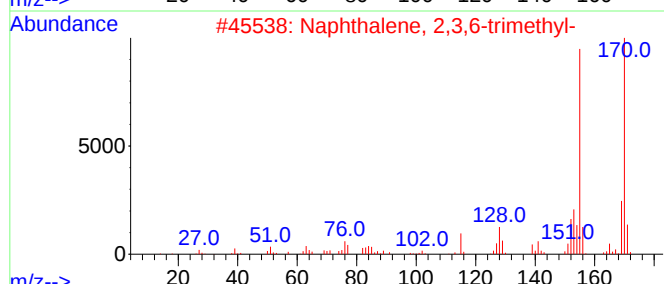
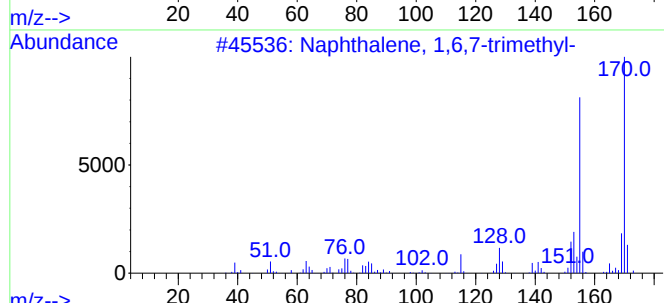
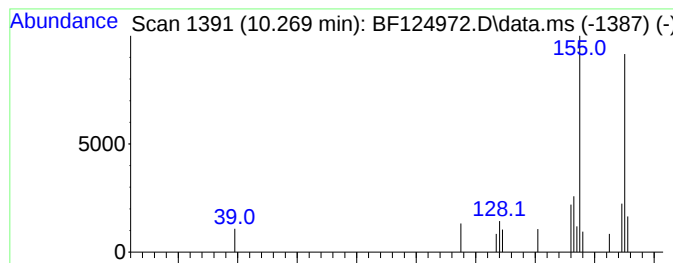
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.269	6.82 ng	17424	Acenaphthene-d10	9.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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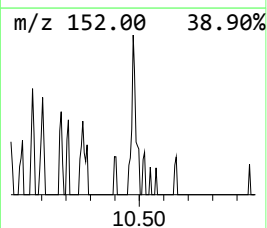
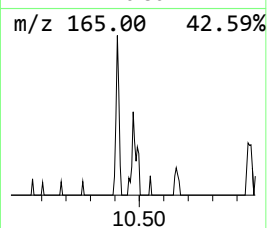
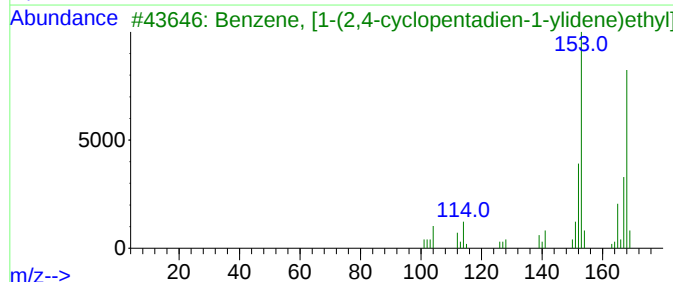
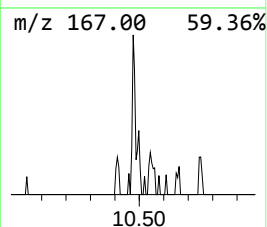
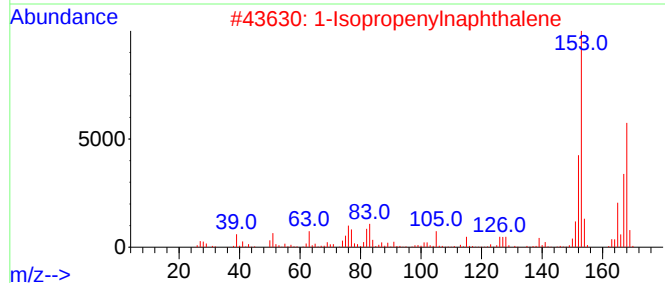
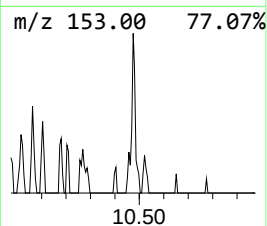
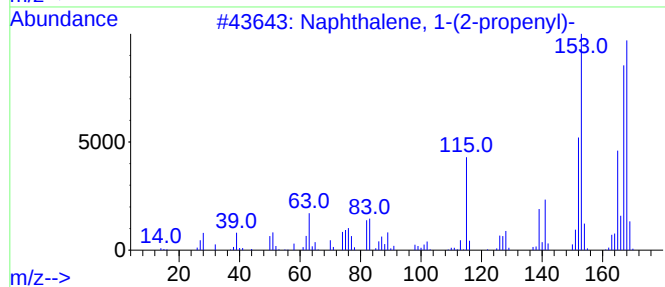
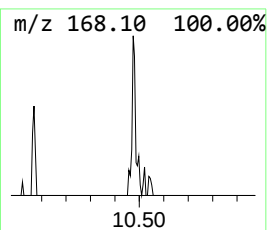
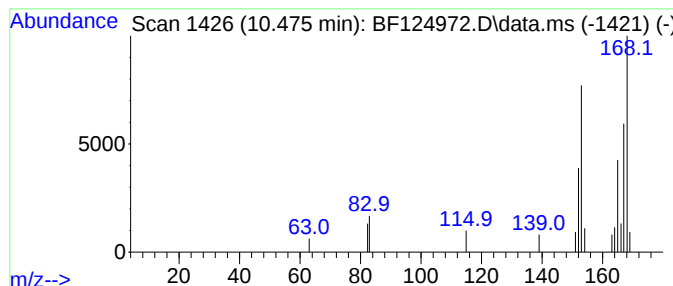
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1-(2-propenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	7.40 ng	18897	Acenaphthene-d10	9.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	87
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
3		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	59
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124972.D
Acq On : 7 Aug 2021 13:36
Operator : JU/CG
Sample : M3281-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TWP03

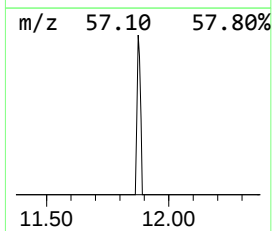
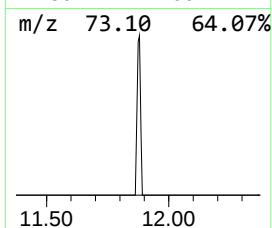
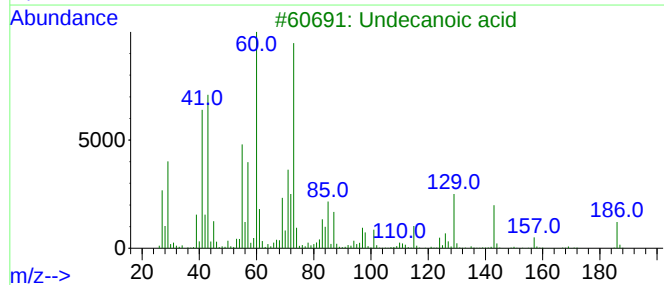
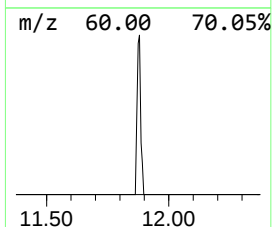
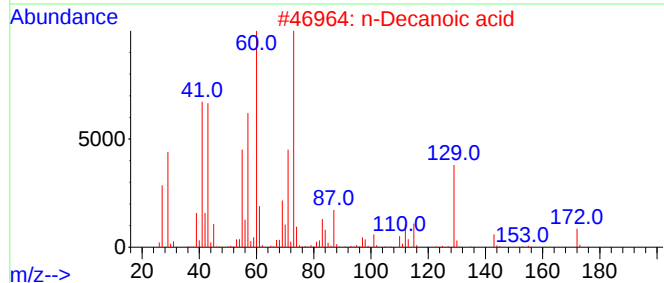
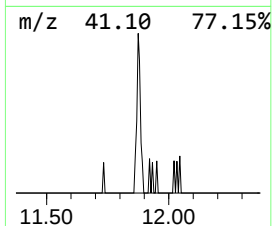
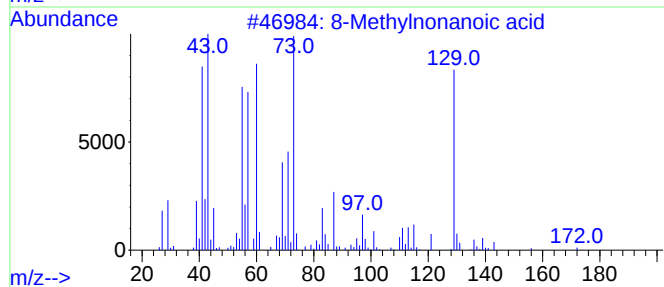
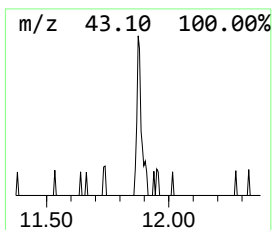
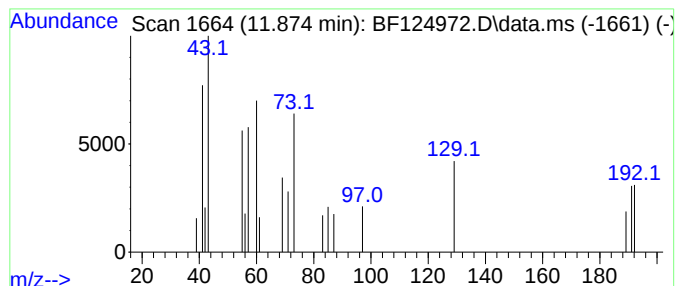
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown11.874 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	5.78 ng	14145	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	47
2			n-Decanoic acid	172	C10H20O2	000334-48-5	43
3			Undecanoic acid	186	C11H22O2	000112-37-8	37
4			Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	32
5			.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124972.D
 Acq On : 7 Aug 2021 13:36
 Operator : JU/CG
 Sample : M3281-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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
Deltacyclene	7.010	5.7	ng	8537	1	6.828	30220	20.0
Benzene, 1,2,3,...	7.598	5.6	ng	17161	2	8.110	61175	20.0
3-Phenylbut-1-ene	7.845	16.0	ng	48982	2	8.110	61175	20.0
Benzene, (1-met...	8.492	4.7	ng	14367	2	8.110	61175	20.0
Benzene, (1,2-d...	8.575	6.2	ng	19004	2	8.110	61175	20.0
Naphthalene, 1,...	8.610	8.4	ng	25566	2	8.110	61175	20.0
Naphthalene, 1,...	8.769	6.4	ng	19546	2	8.110	61175	20.0
Naphthalene, 2-...	9.381	14.2	ng	36219	3	9.863	51085	20.0
Naphthalene, 2,...	9.451	41.8	ng	106827	3	9.863	51085	20.0
Naphthalene, 2,...	9.522	59.7	ng	152544	3	9.863	51085	20.0
Naphthalene, 1,...	9.551	6.1	ng	15610	3	9.863	51085	20.0
Naphthalene, 1,...	9.639	23.2	ng	59272	3	9.863	51085	20.0
Naphthalene, 1-...	9.722	12.7	ng	32345	3	9.863	51085	20.0
Naphthalene, 2-...	9.963	7.7	ng	19613	3	9.863	51085	20.0
Naphthalene, 1,...	10.181	6.4	ng	16255	3	9.863	51085	20.0
Naphthalene, 1,...	10.210	4.3	ng	11080	3	9.863	51085	20.0
Naphthalene, 2,...	10.269	6.8	ng	17424	3	9.863	51085	20.0
Naphthalene, 1-...	10.475	7.4	ng	18897	3	9.863	51085	20.0
unknown11.874	11.874	5.8	ng	14145	4	11.351	48932	20.0