

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059978.D
 Acq On : 6 Dec 2023 20:41
 Operator : MA/JU
 Sample : 05592-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW04S

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_G\Methods\8270-BG120423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059978.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.149	4	10	24	rVB	968547	1758104	9.56%	1.333%
2	5.529	408	415	421	rBV	960977	1497937	8.15%	1.136%
3	7.109	677	684	692	rBV	658493	1128053	6.13%	0.855%
4	7.961	822	829	834	rBV	520234	894180	4.86%	0.678%
5	8.337	886	893	899	rVB	411709	713661	3.88%	0.541%
6	8.449	906	912	918	rBV2	374864	609564	3.32%	0.462%
7	8.602	931	938	942	rBV	240489	393402	2.14%	0.298%
8	9.066	1006	1017	1021	rBV2	436985	762086	4.14%	0.578%
9	9.119	1021	1026	1037	rVB2	1485587	3694275	20.09%	2.802%
10	9.589	1101	1106	1110	rVB	138302	205505	1.12%	0.156%
11	9.647	1110	1116	1122	rVB2	175525	311338	1.69%	0.236%
12	10.012	1172	1178	1187	rVB	546452	952483	5.18%	0.722%
13	10.159	1196	1203	1212	rBV2	934447	1717781	9.34%	1.303%
14	10.258	1212	1220	1226	rBV6	139840	372496	2.03%	0.282%
15	10.764	1299	1306	1311	rVV2	664265	1427563	7.76%	1.083%
16	10.875	1321	1325	1331	rVB3	146280	241861	1.32%	0.183%
17	10.975	1335	1342	1350	rVB2	118758	209248	1.14%	0.159%
18	11.128	1359	1368	1373	rBV8	89005	233987	1.27%	0.177%
19	11.369	1397	1409	1414	rBV9	159005	474690	2.58%	0.360%
20	11.422	1414	1418	1423	rVB	218016	346170	1.88%	0.263%
21	11.680	1457	1462	1465	rBV4	112064	205429	1.12%	0.156%
22	11.804	1477	1483	1487	rBV2	218164	416443	2.26%	0.316%
23	11.868	1487	1494	1498	rVV5	268382	561366	3.05%	0.426%
24	11.956	1503	1509	1521	rVB2	293849	697973	3.80%	0.529%
25	12.139	1535	1540	1549	rVB4	382433	714614	3.89%	0.542%
26	12.268	1553	1562	1565	rBV5	98614	229442	1.25%	0.174%
27	12.315	1565	1570	1578	rVB4	226993	447026	2.43%	0.339%
28	12.421	1581	1588	1593	rBV2	138255	237643	1.29%	0.180%
29	12.638	1613	1625	1632	rBV2	2062074	3727845	20.27%	2.827%
30	12.808	1647	1654	1658	rBV6	102872	224819	1.22%	0.170%
31	13.220	1715	1724	1731	rBV	5842044	8697589	47.30%	6.596%
32	13.431	1755	1760	1765	rBV2	192979	276101	1.50%	0.209%
33	13.572	1774	1784	1787	rBV6	157263	355789	1.93%	0.270%
34	13.649	1787	1797	1802	rVV4	320385	858265	4.67%	0.651%
35	13.760	1803	1816	1825	rVV2	909983	2394301	13.02%	1.816%
36	13.837	1825	1829	1832	rVV2	157341	220770	1.20%	0.167%

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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_G\Methods\8270-BG120423.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.919	1836	1843	1848	rVV	2085398	3771543	20.51%	2.860%
38	13.972	1848	1852	1860	rVB2	617679	1071387	5.83%	0.813%
39	14.154	1873	1883	1886	rBV	710009	1189012	6.47%	0.902%
40	14.183	1886	1888	1894	rVB2	378258	467018	2.54%	0.354%
41	14.318	1906	1911	1916	rVB2	431037	647841	3.52%	0.491%
42	14.595	1948	1958	1963	rBV	1310164	2142748	11.65%	1.625%
43	14.665	1963	1970	1977	rVB	8347131	12708800	69.11%	9.638%
44	14.806	1989	1994	2003	rVB5	177106	480606	2.61%	0.364%
45	14.906	2005	2011	2016	rVV3	231873	413979	2.25%	0.314%
46	14.988	2020	2025	2033	rVB	432066	806659	4.39%	0.612%
47	15.070	2033	2039	2044	rBV2	211729	363881	1.98%	0.276%
48	15.212	2054	2063	2069	rBV3	251377	517963	2.82%	0.393%
49	15.382	2085	2092	2095	rBV6	125595	305236	1.66%	0.231%
50	15.517	2109	2115	2120	rVV	1406324	2191600	11.92%	1.662%
51	15.576	2122	2125	2131	rVB2	218971	334882	1.82%	0.254%
52	15.640	2131	2136	2146	rVB	2036178	3238212	17.61%	2.456%
53	15.740	2146	2153	2154	rBV	462593	717808	3.90%	0.544%
54	15.770	2154	2158	2162	rVB3	529860	823419	4.48%	0.624%
55	15.852	2168	2172	2176	rBV2	302986	434437	2.36%	0.329%
56	15.893	2176	2179	2183	rVV	260154	342890	1.86%	0.260%
57	16.081	2202	2211	2218	rVB	5893174	9071304	49.33%	6.879%
58	16.310	2240	2250	2257	rBV2	6075271	9569642	52.04%	7.257%
59	16.375	2259	2261	2269	rVB8	114212	223293	1.21%	0.169%
60	16.645	2301	2307	2312	rBV2	224300	430977	2.34%	0.327%
61	16.692	2312	2315	2319	rVV	166952	278671	1.52%	0.211%
62	16.745	2322	2324	2328	rVB5	165115	215172	1.17%	0.163%
63	16.798	2328	2333	2340	rBV2	265231	419812	2.28%	0.318%
64	16.962	2356	2361	2365	rBV	590486	875281	4.76%	0.664%
65	17.080	2375	2381	2385	rBV7	96748	196555	1.07%	0.149%
66	17.162	2390	2395	2399	rVV	227798	390207	2.12%	0.296%
67	17.209	2399	2403	2407	rVV6	130564	210507	1.14%	0.160%
68	17.250	2407	2410	2415	rVB2	122012	184652	1.00%	0.140%
69	17.344	2420	2426	2431	rBV	2164724	3266035	17.76%	2.477%
70	17.474	2443	2448	2453	rBV	585820	838537	4.56%	0.636%
71	17.697	2481	2486	2492	rBV2	384124	608010	3.31%	0.461%
72	17.867	2506	2515	2520	rBV8	76500	212252	1.15%	0.161%
73	18.008	2534	2539	2544	rBV2	217326	343312	1.87%	0.260%
74	18.237	2573	2578	2588	rBV4	620896	1002828	5.45%	0.761%
75	18.419	2602	2609	2613	rBV	599115	1072635	5.83%	0.813%
76	19.401	2771	2776	2781	rVB	647310	912403	4.96%	0.692%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.512	2791	2795	2798	rVV2	353839	432277	2.35%	0.328%
78	19.765	2832	2838	2847	rVB	850105	1349970	7.34%	1.024%
79	19.971	2866	2873	2878	rBV	13305793	18387975	100.00%	13.945%
80	21.269	3091	3094	3100	rBV6	120731	192654	1.05%	0.146%
81	21.616	3145	3153	3158	rBV	3046576	4940839	26.87%	3.747%
82	24.812	3686	3697	3709	rBV2	1810279	5054432	27.49%	3.833%

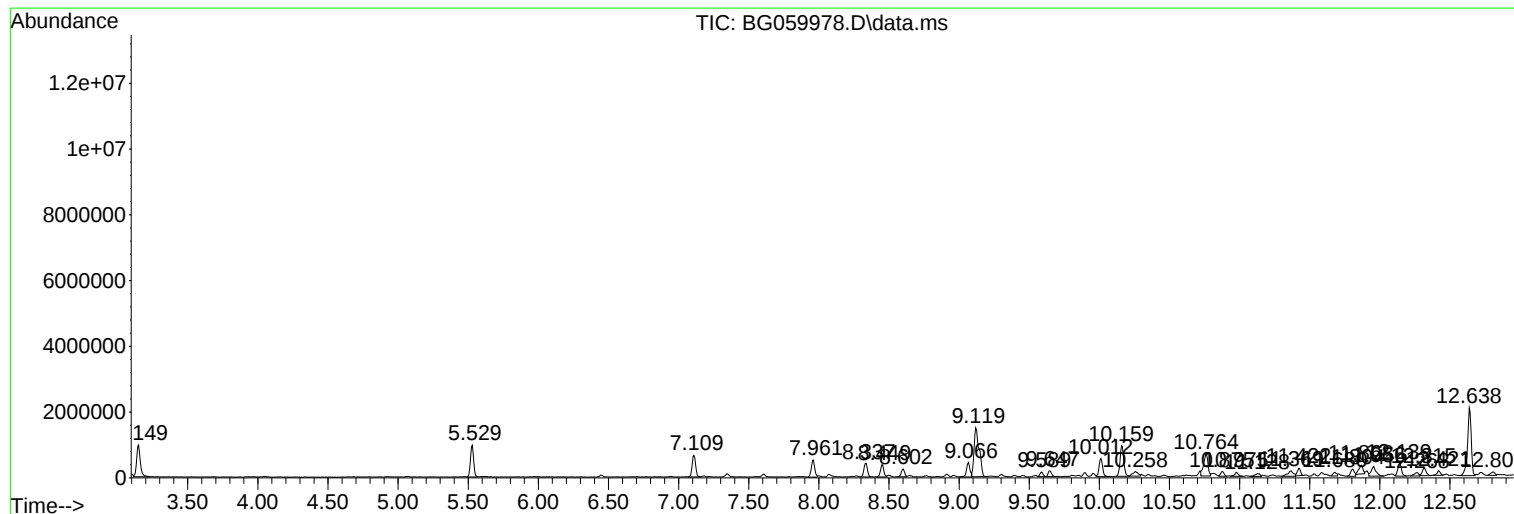
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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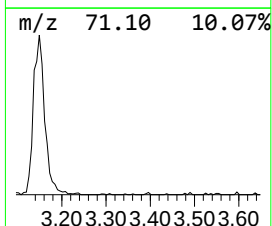
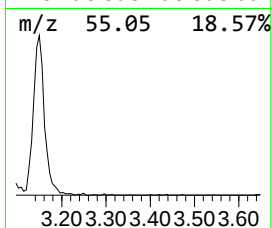
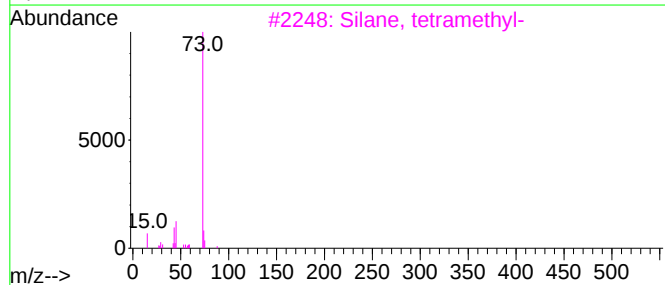
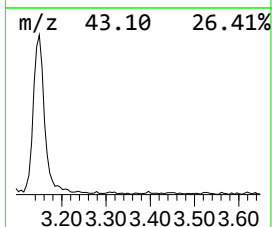
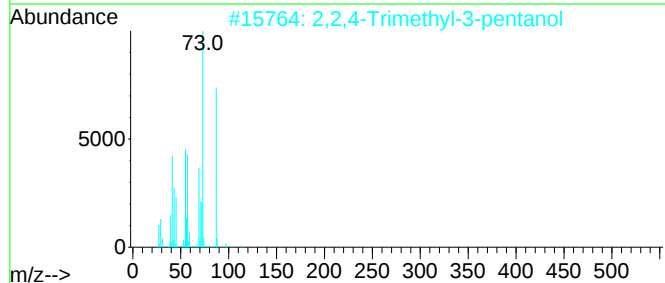
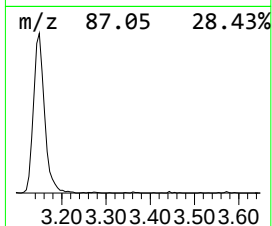
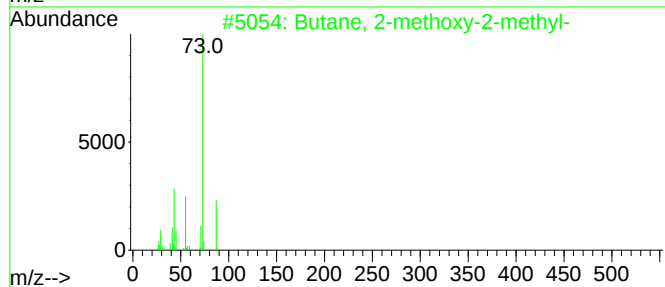
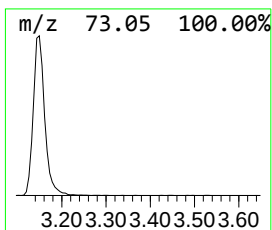
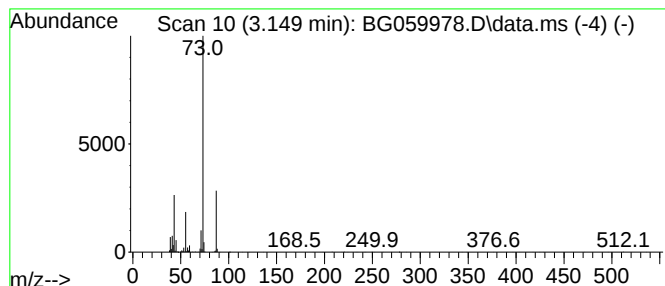
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.149	39.32 ng	1758100	1,4-Dichlorobenzene-d4	7.961

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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ALS Vial : 17 Sample Multiplier: 1

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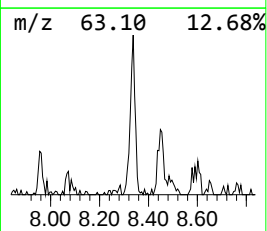
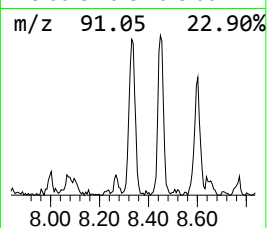
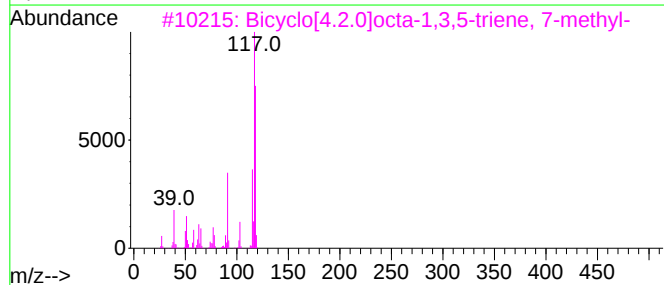
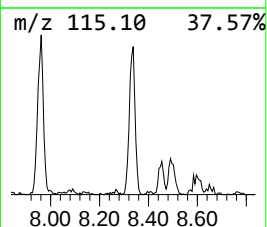
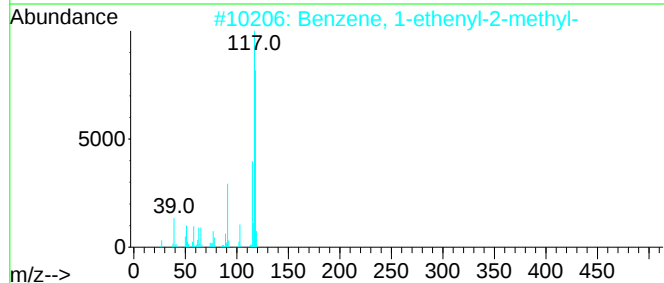
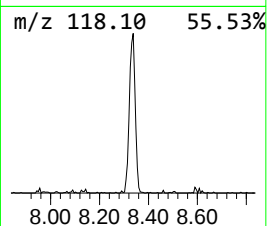
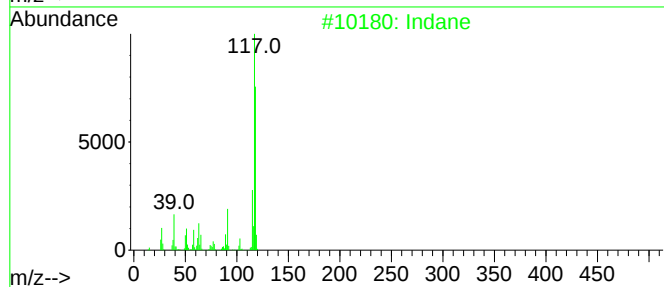
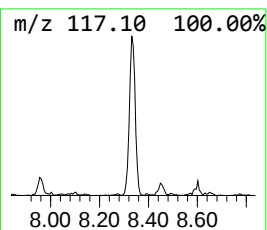
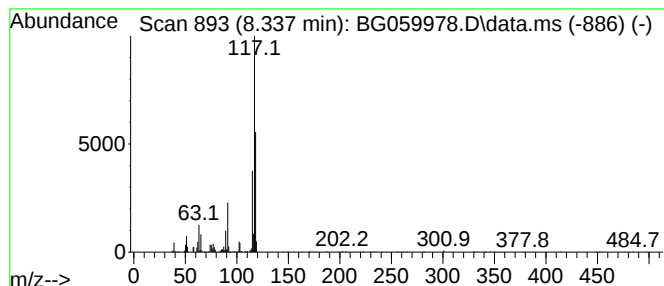
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.337	15.96 ng	713661	1,4-Dichlorobenzene-d4	7.961

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	90
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	74
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72



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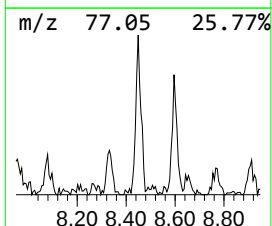
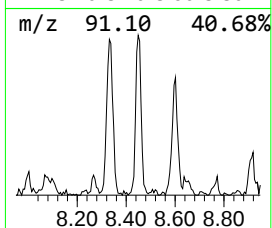
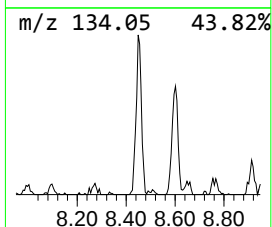
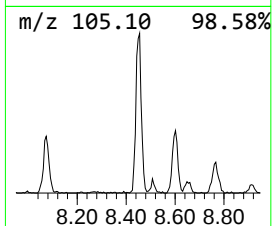
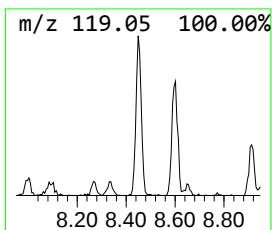
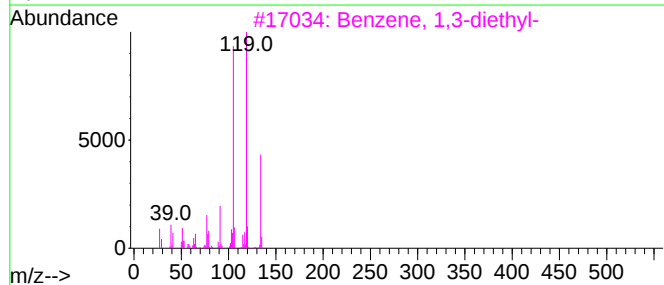
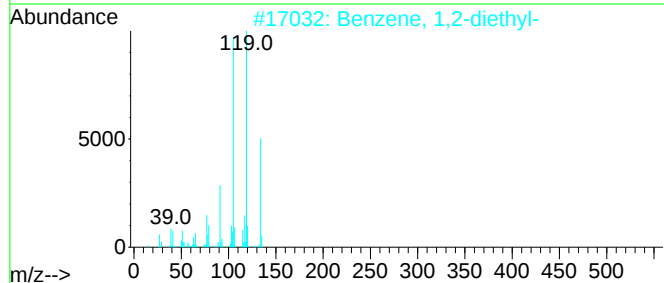
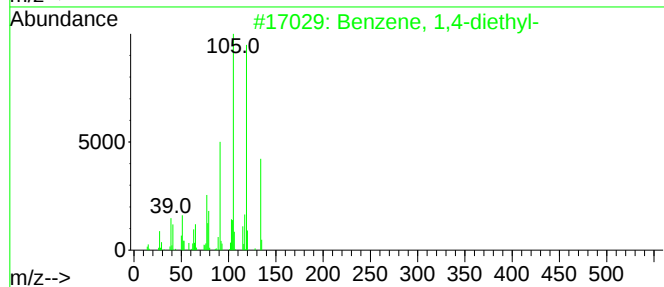
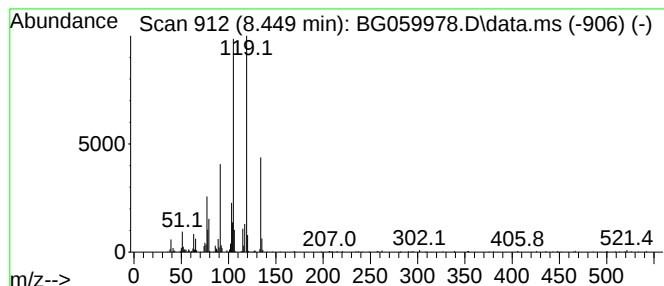
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.449	13.63 ng	609564	1,4-Dichlorobenzene-d4	7.961

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4			o-Cymene	134	C10H14	000527-84-4	76
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72



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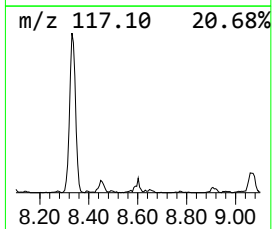
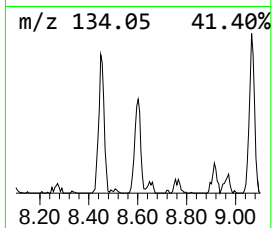
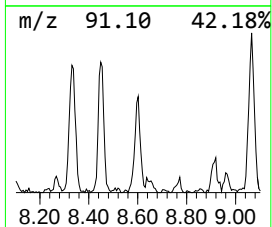
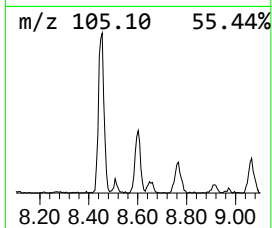
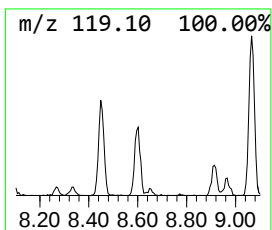
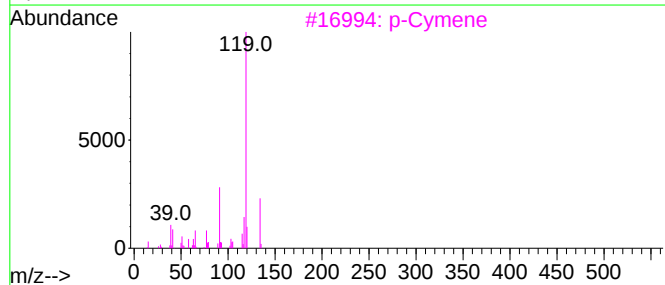
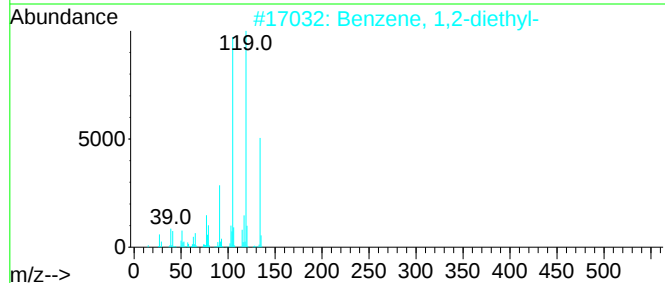
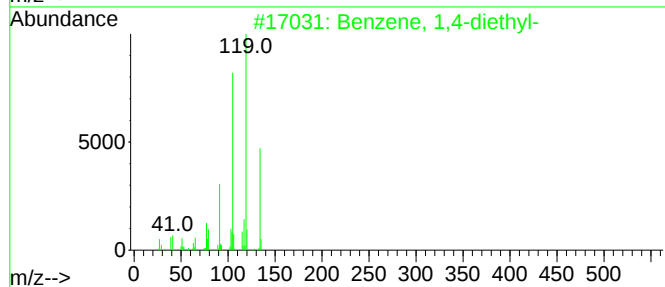
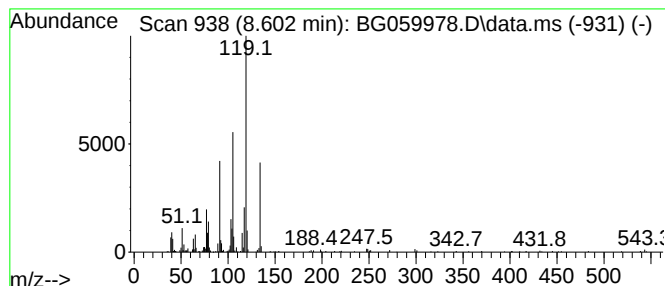
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.602	8.80 ng	393402	1,4-Dichlorobenzene-d4	7.961

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
3			p-Cymene	134	C10H14	000099-87-6	83
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW04S

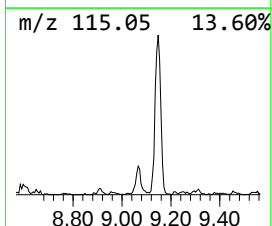
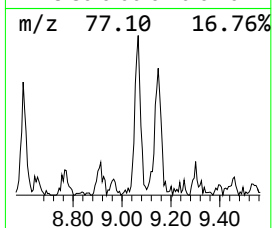
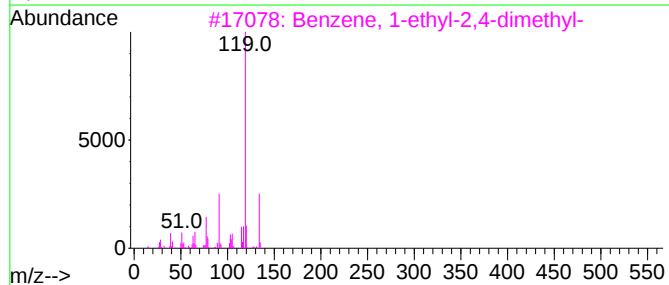
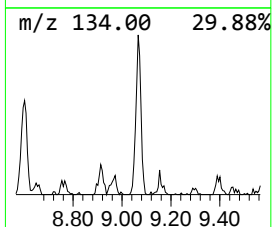
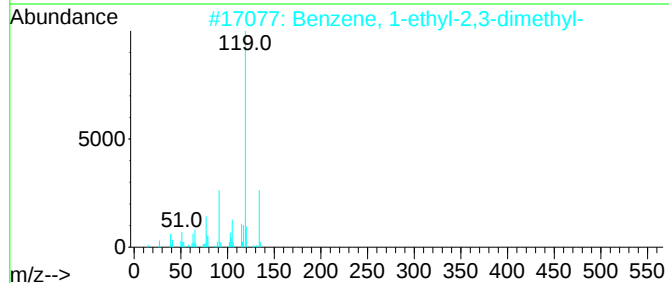
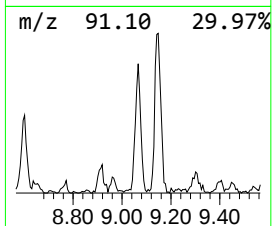
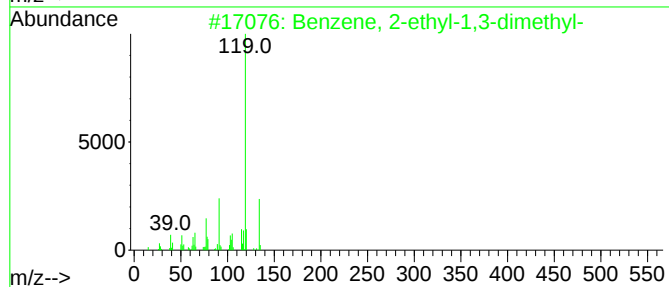
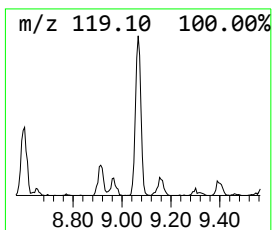
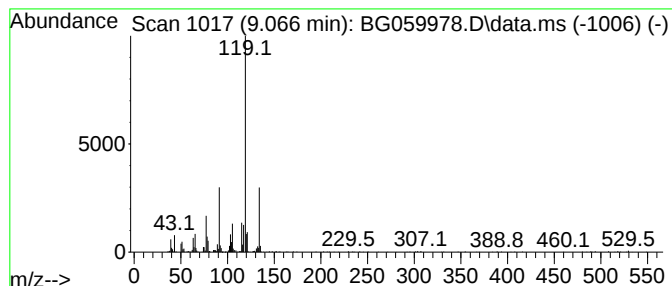
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.066	17.05 ng	762086	1,4-Dichlorobenzene-d4	7.961

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

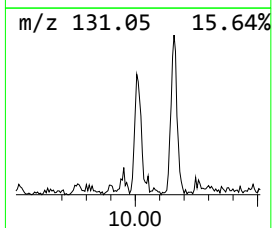
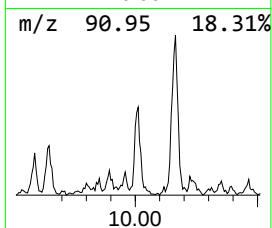
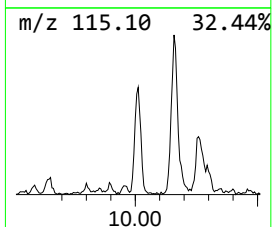
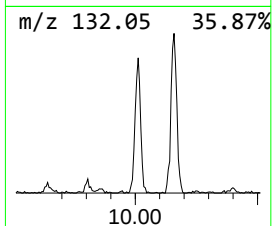
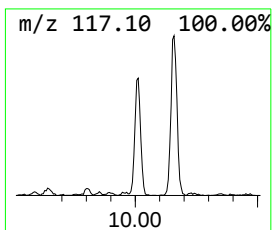
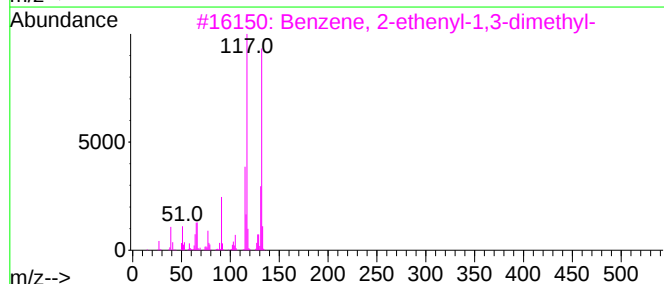
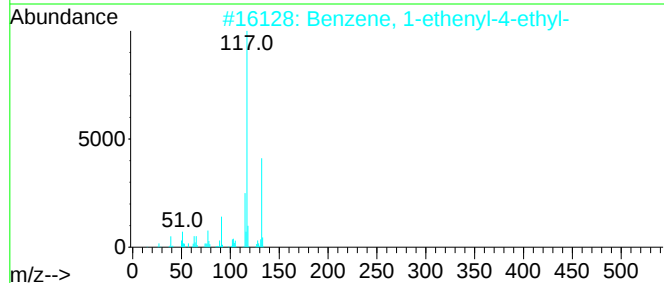
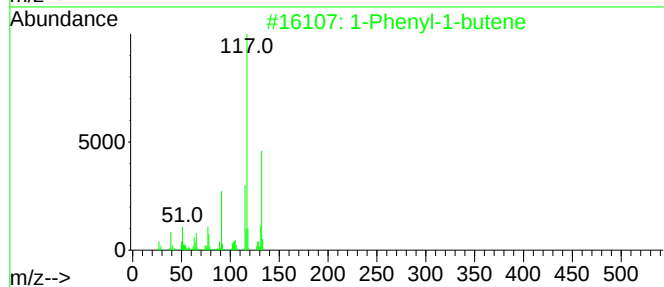
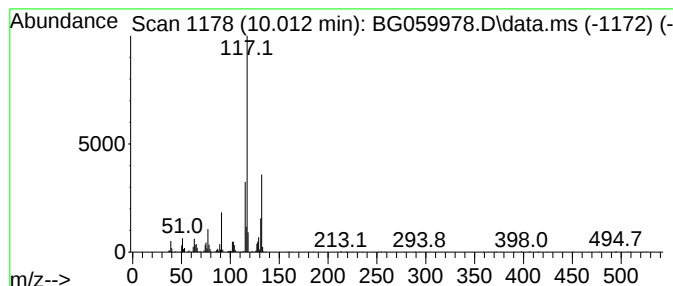
Instrument :
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ClientSampleId :
MW04S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.012	13.34 ng	952483	Naphthalene-d8	10.764	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

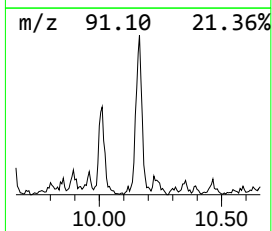
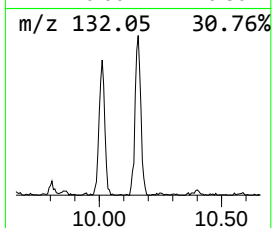
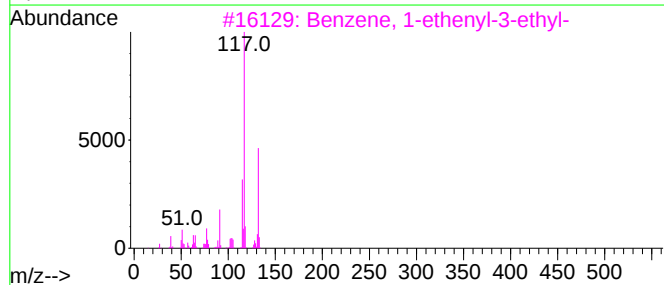
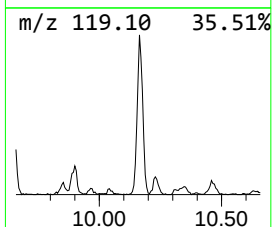
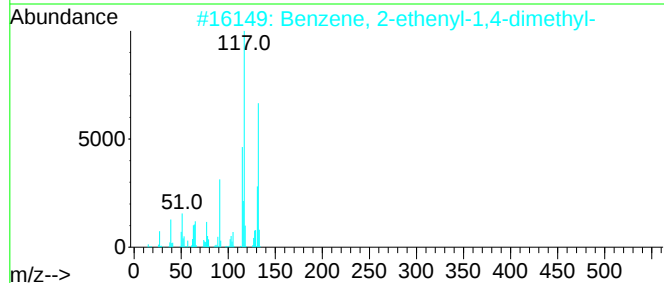
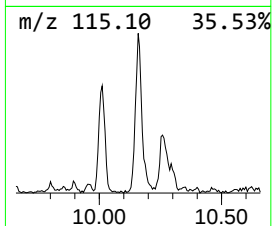
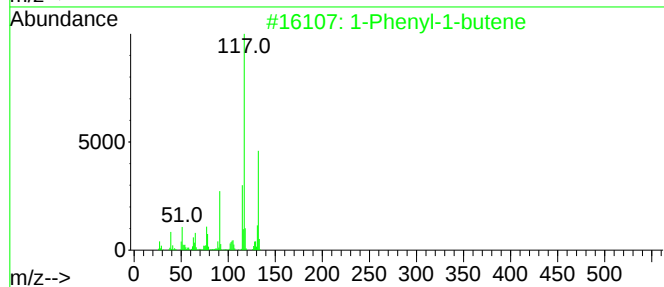
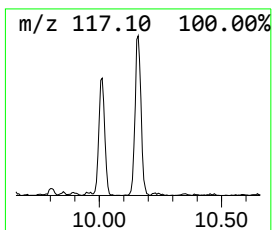
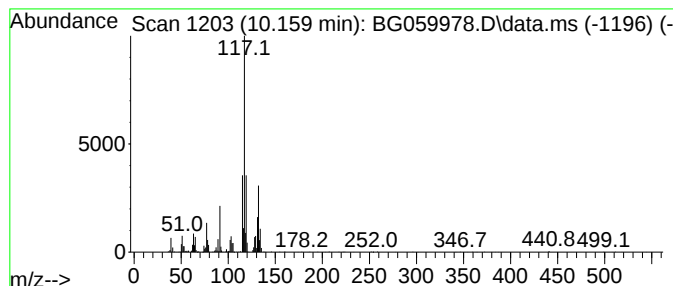
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.159	24.07 ng	1717780	Naphthalene-d8	10.764	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	89
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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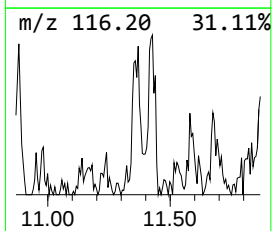
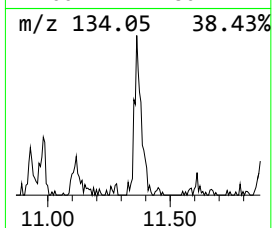
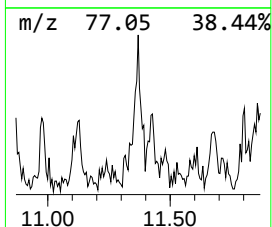
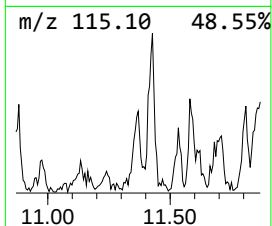
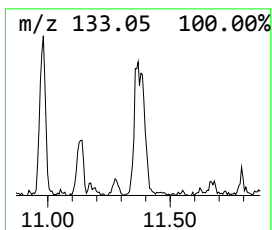
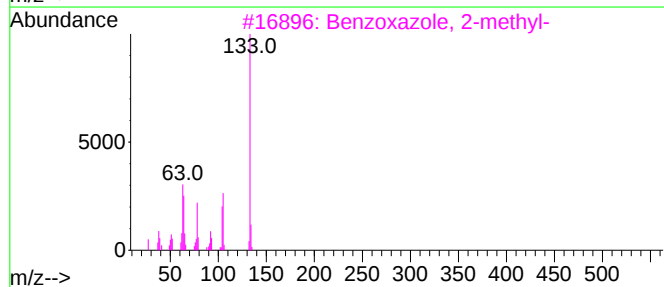
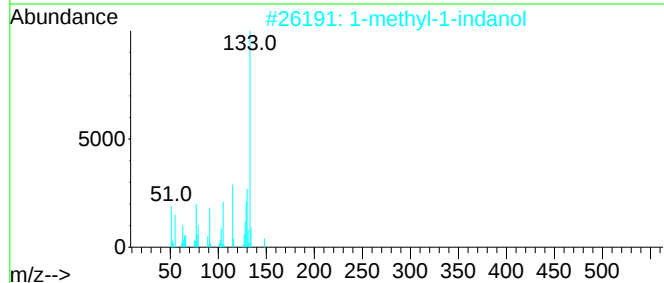
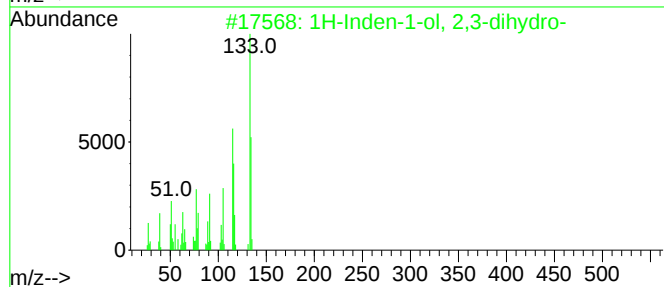
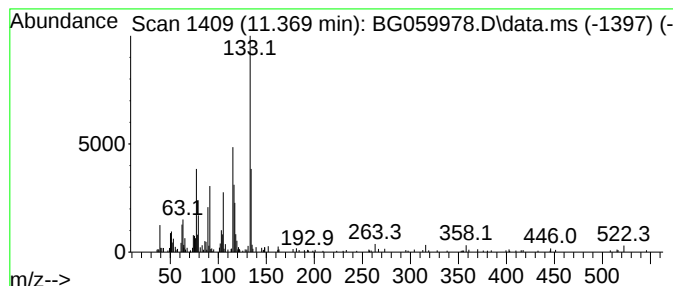
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Inden-1-ol, 2,3-dihydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.369	6.65 ng	474690	Naphthalene-d8	10.764

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	49
2			1-methyl-1-indanol	148	C10H12O	064666-42-8	38
3			Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	27
4			3-Bromophthalide	212	C8H5BrO2	006940-49-4	27
5			Pyridine, 2-methyl-5-(1-methylet...	133	C9H11N	056057-93-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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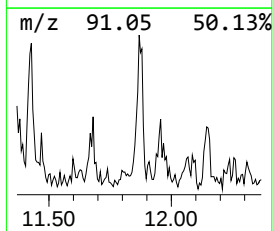
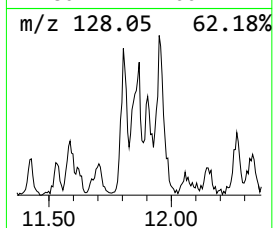
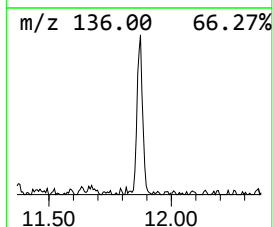
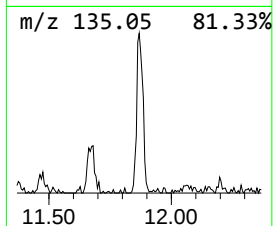
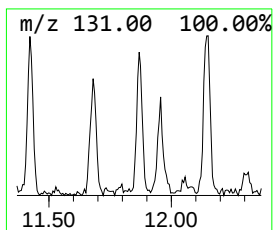
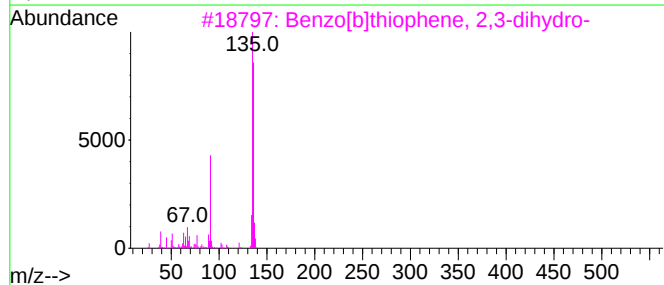
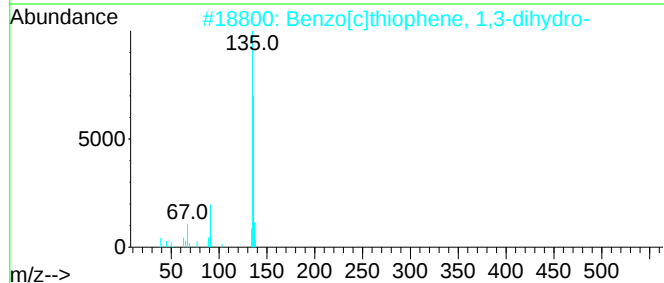
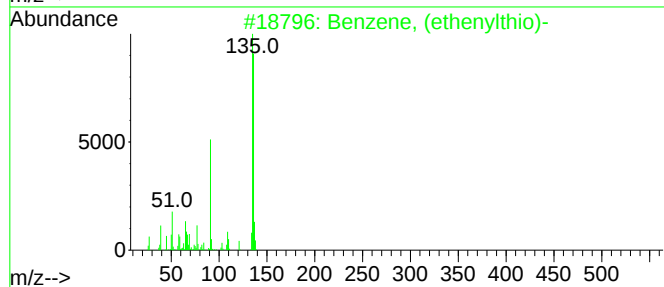
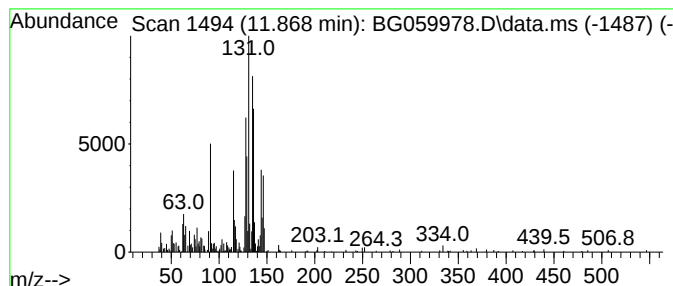
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.868 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	7.86 ng	561366	Naphthalene-d8	10.764

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	35
2			Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	35
3			Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	35
4			Benzenepropanoic acid, 4-(1H-1,2...	218	C10H10N4O2	1000349-98-4	25
5			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
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Sample : 05592-01
Misc :
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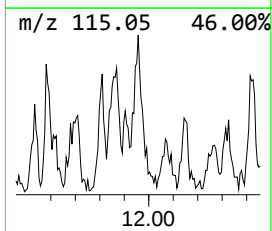
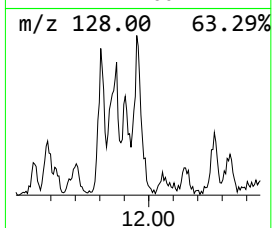
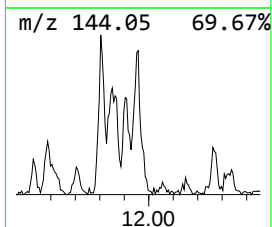
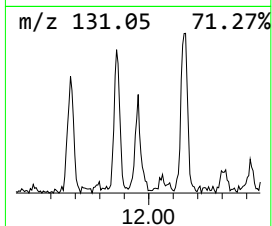
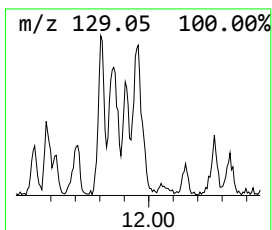
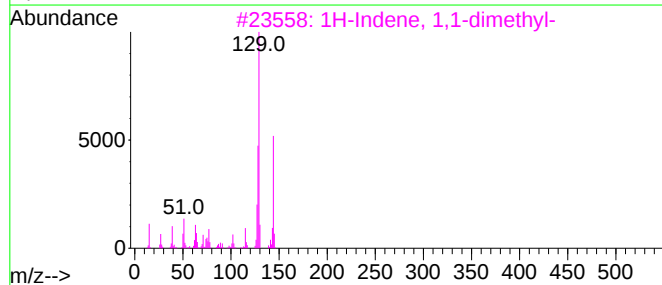
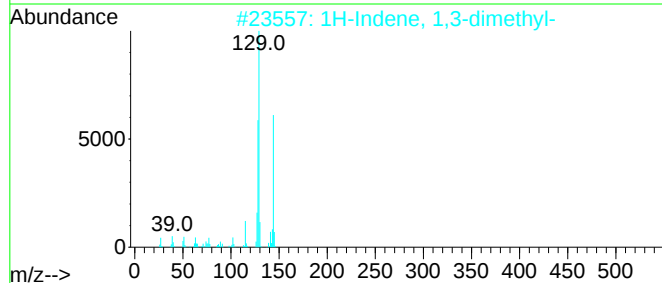
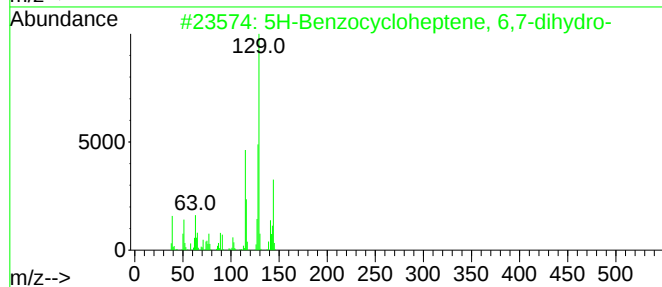
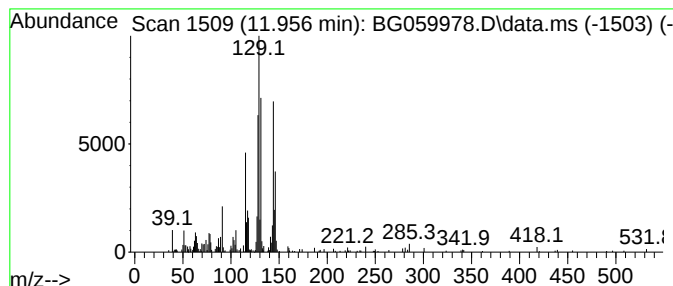
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BNA_G
ClientSampleId :
MW04S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5H-Benzocycloheptene, 6,7-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.957	9.78 ng	697973	Naphthalene-d8	10.764	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	58
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	55
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	55
4	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	53
5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

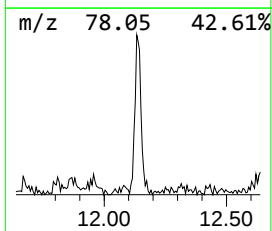
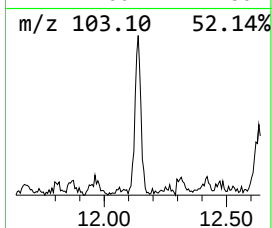
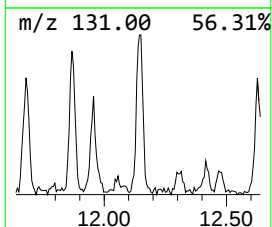
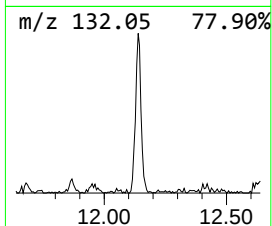
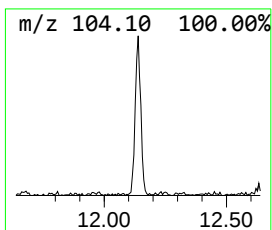
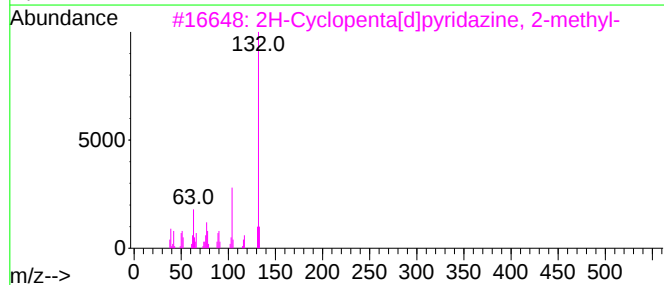
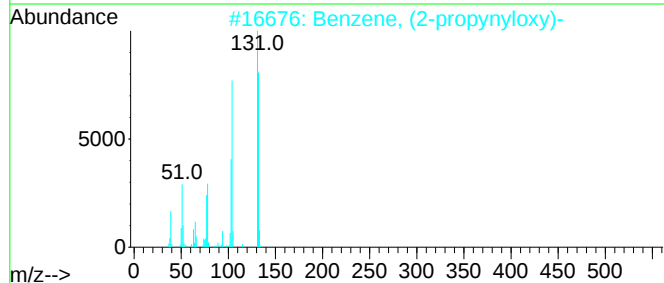
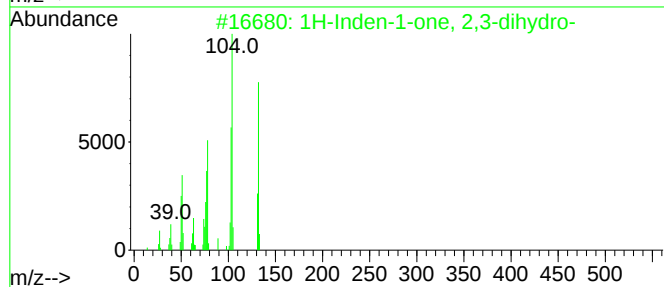
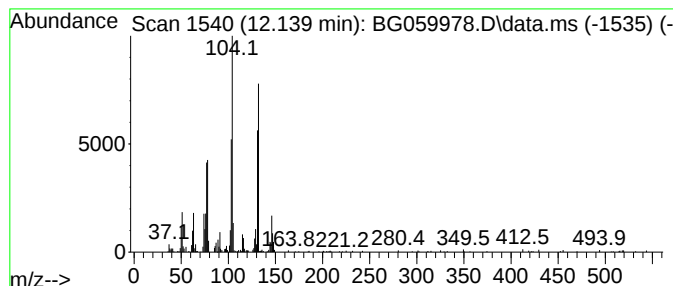
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.139	10.01 ng	714614	Naphthalene-d8	10.764	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	89
2	Benzene, (2-propynyloxy)-	132	C9H8O	013610-02-1	64
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	58
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	49
5	Benzonitrile, 4-(1-hydroxyethyl)-	147	C9H9NO	052067-35-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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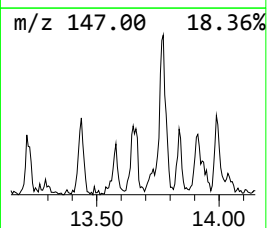
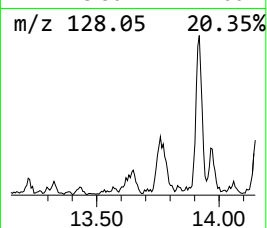
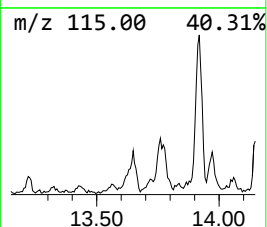
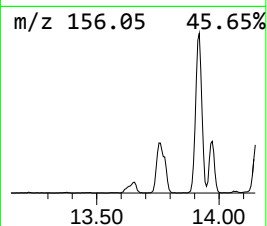
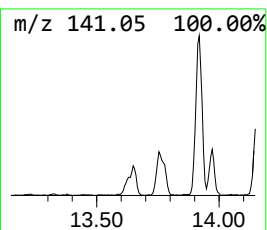
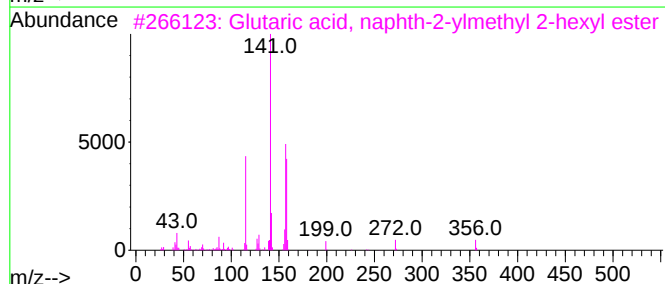
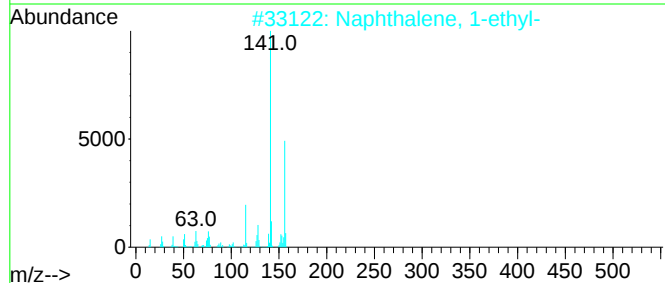
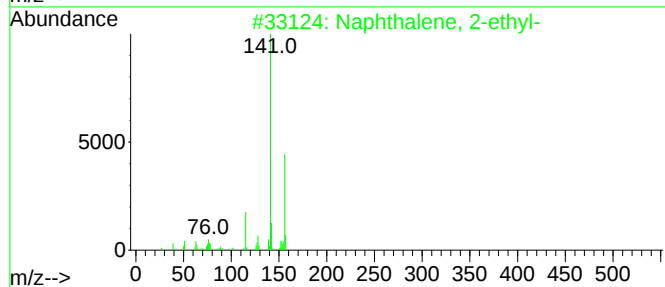
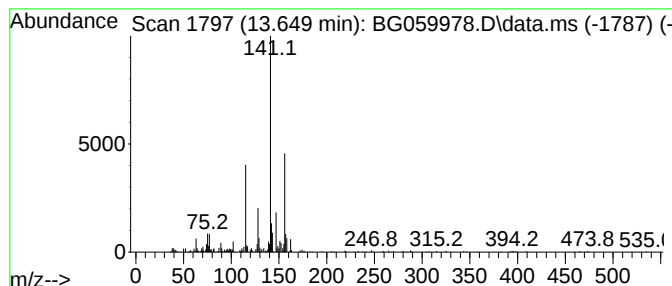
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.649	8.01 ng	858265	Acenaphthene-d10	14.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	58
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	58
3			Glutaric acid, naphth-2-ylmethyl...	356	C22H28O4	1000393-61-0	50
4			Glutaric acid, cyclopentyl napht...	340	C21H24O4	1000405-40-4	50
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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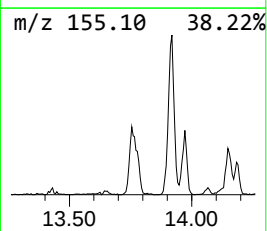
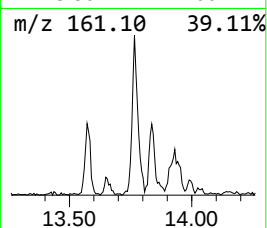
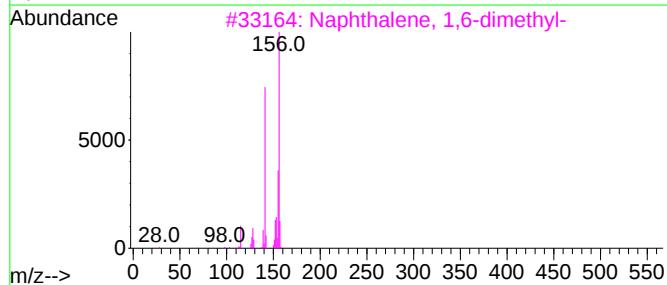
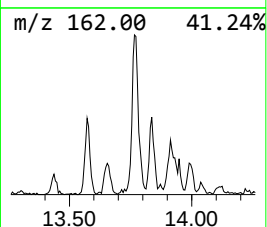
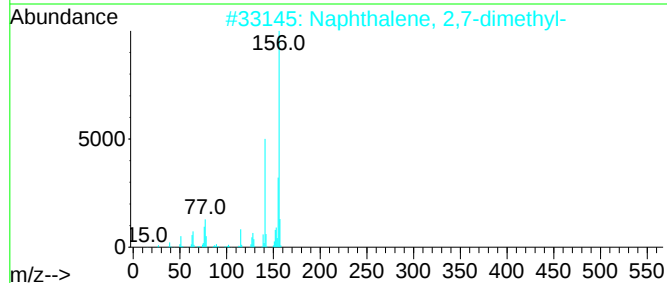
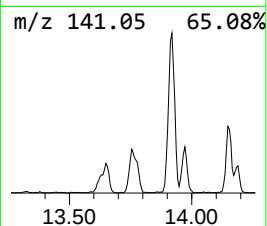
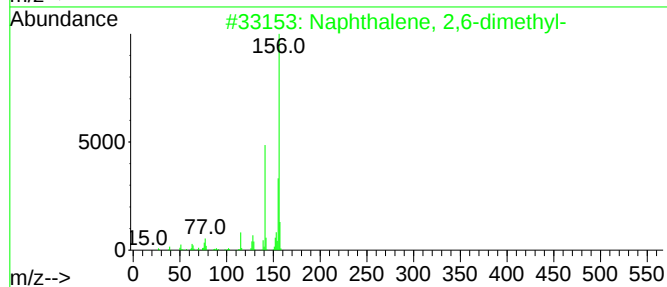
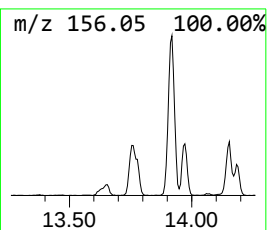
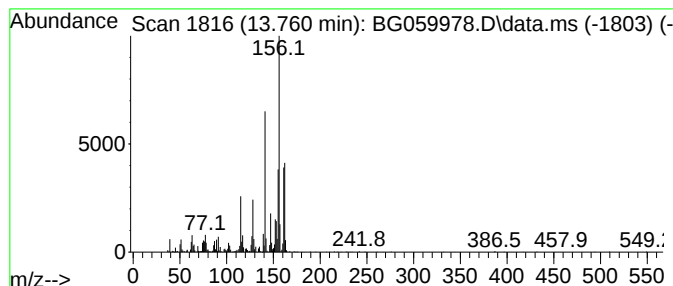
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.760	22.35 ng	2394300	Acenaphthene-d10	14.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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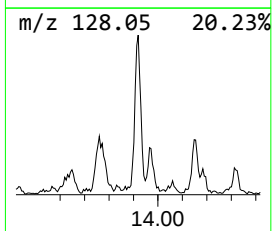
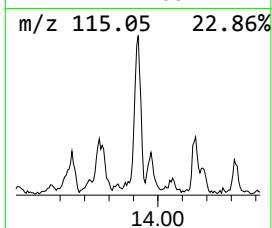
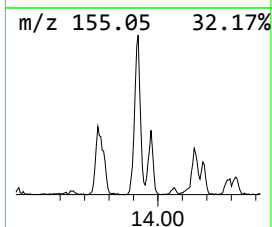
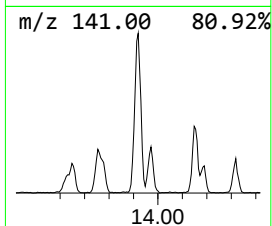
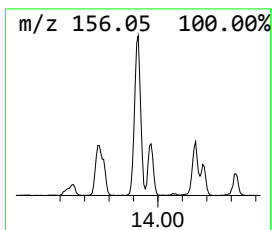
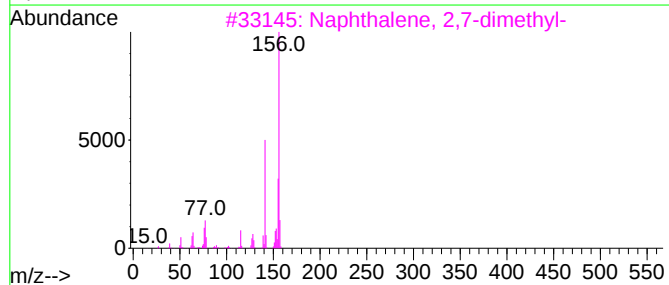
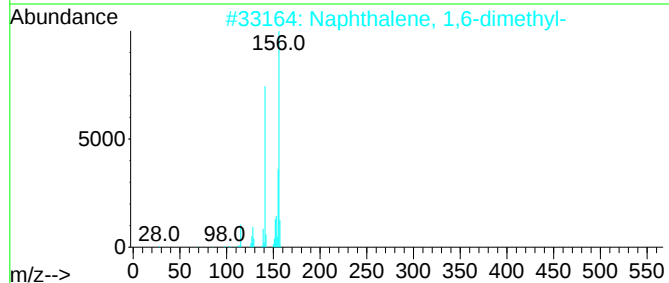
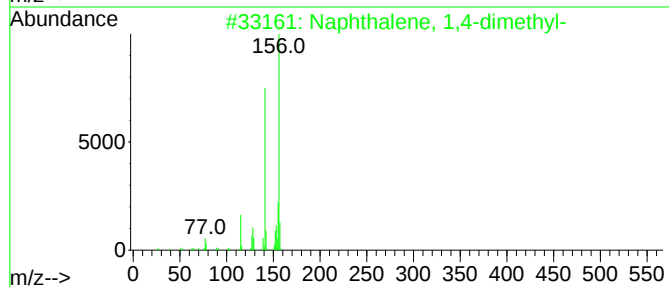
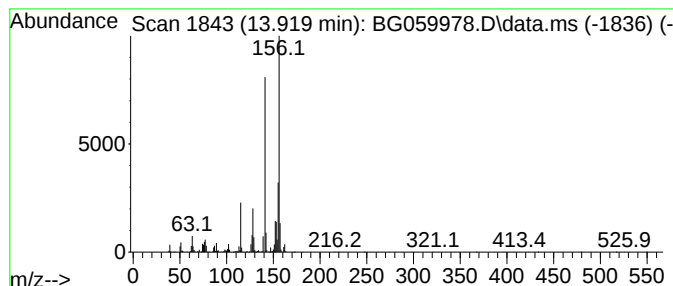
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.919	35.20 ng	3771540	Acenaphthene-d10	14.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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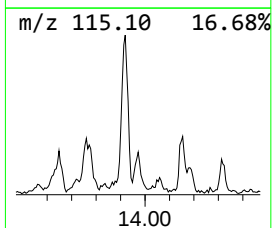
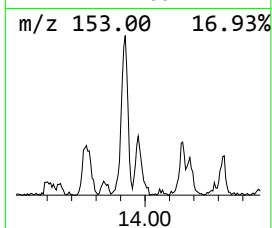
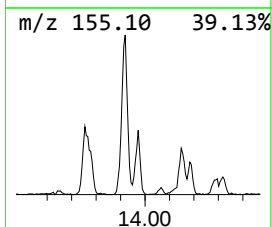
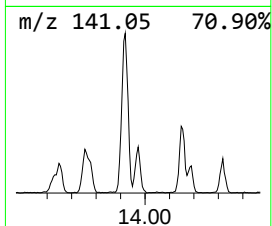
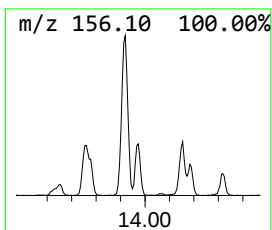
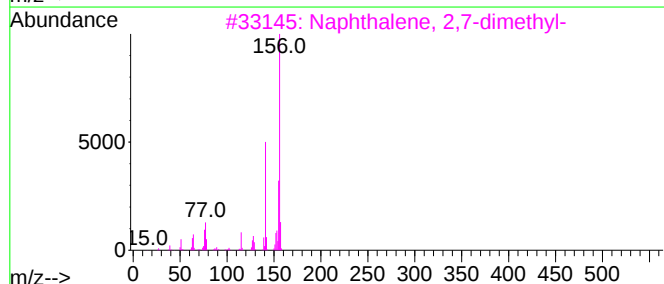
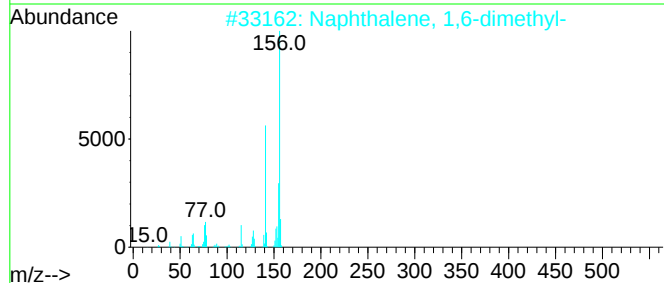
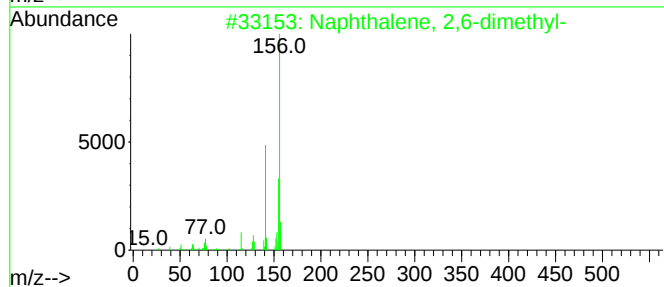
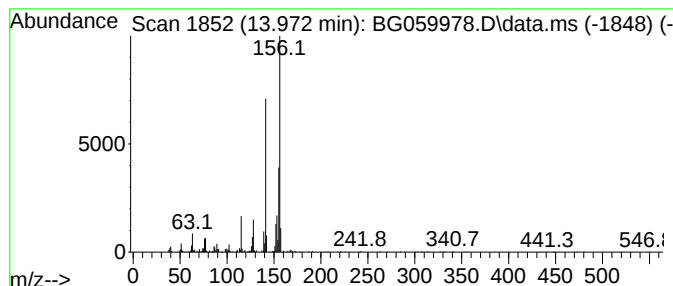
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.972	10.00 ng	1071390	Acenaphthene-d10	14.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

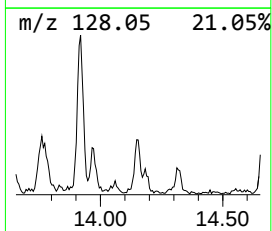
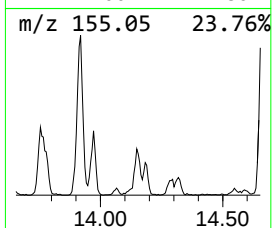
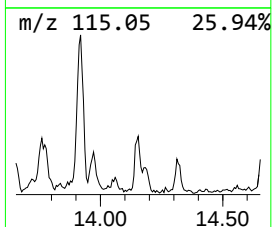
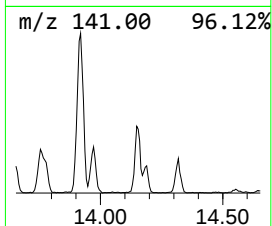
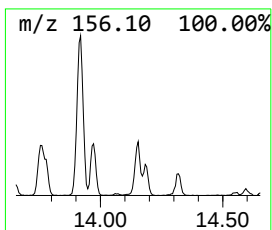
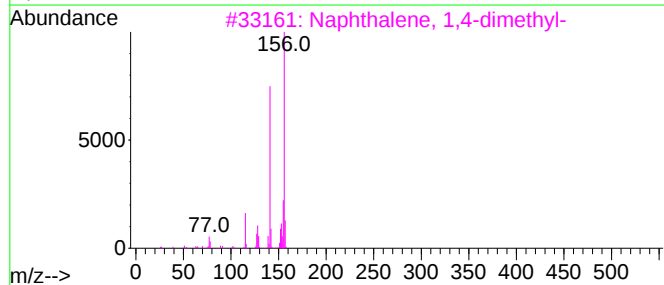
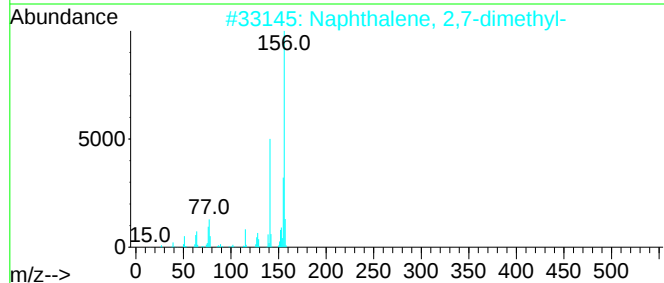
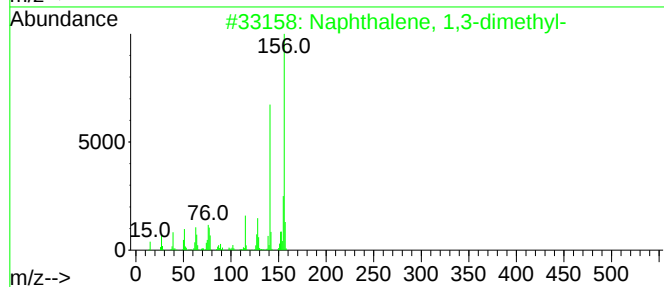
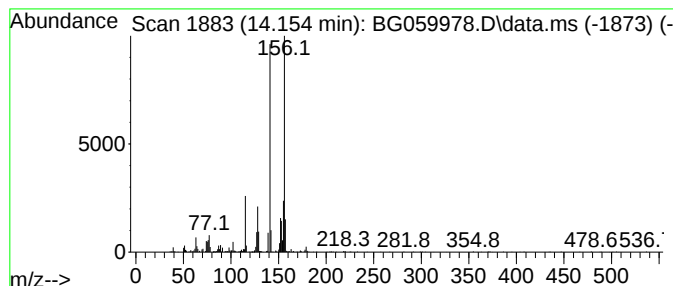
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.154	11.10 ng	1189010	Acenaphthene-d10	14.595	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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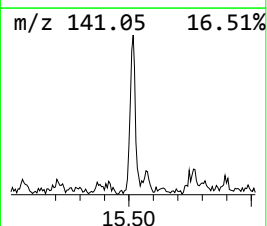
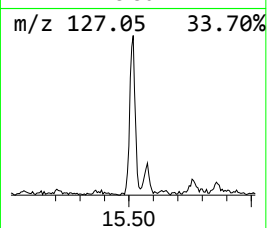
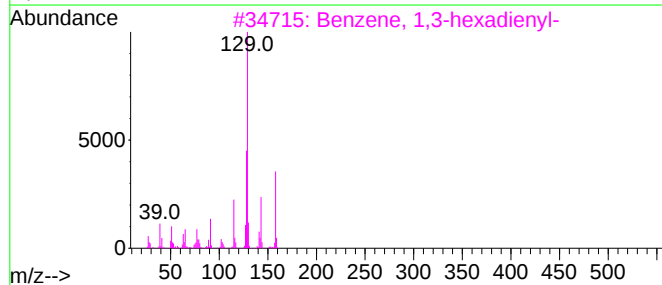
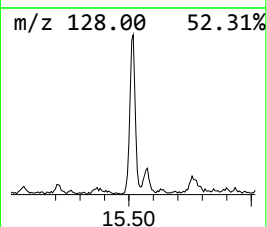
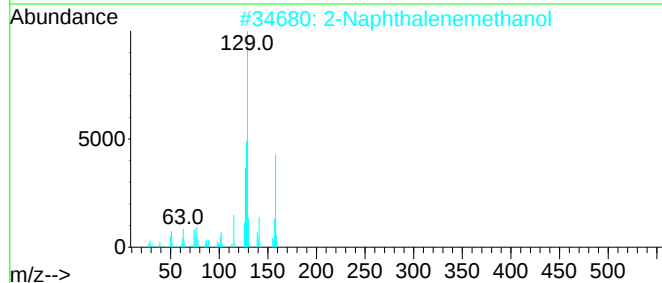
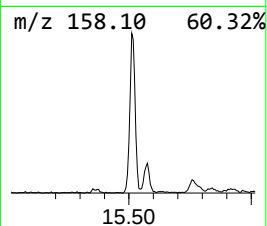
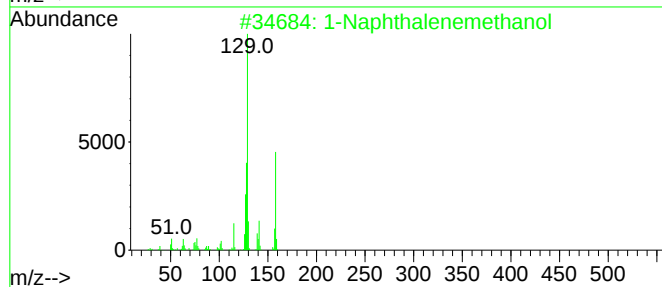
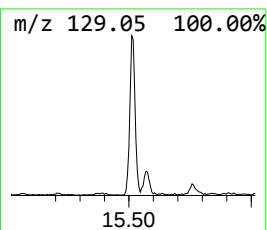
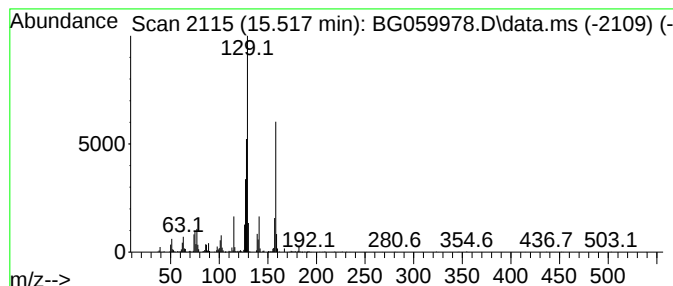
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Naphthalenemethanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.517	20.46 ng	2191600	Acenaphthene-d10	14.595

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	96	
2	2-Naphthalenemethanol	158	C11H10O	001592-38-7	94	
3	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	80	
4	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	64	
5	8-Aminoquinaldine	158	C10H10N2	018978-78-4	35	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW04S

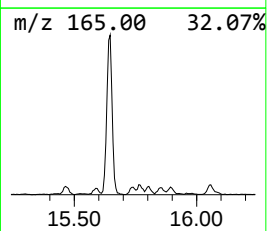
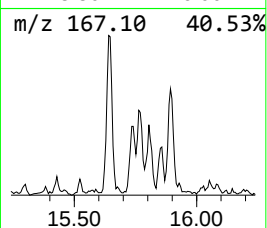
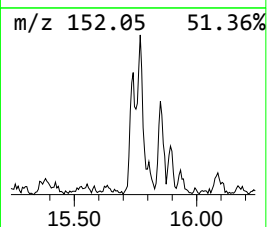
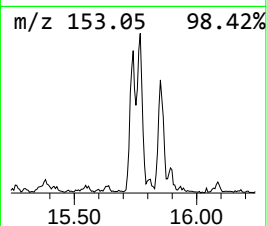
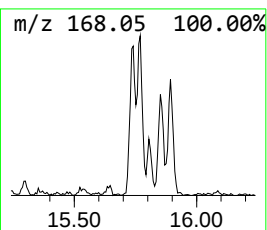
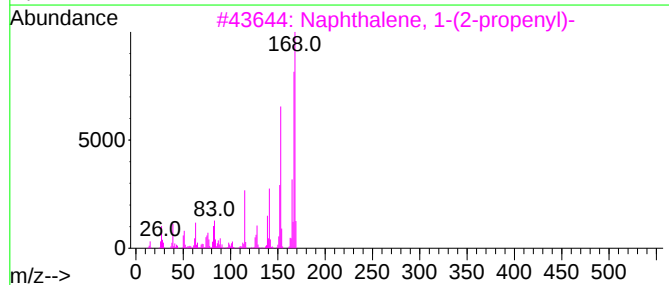
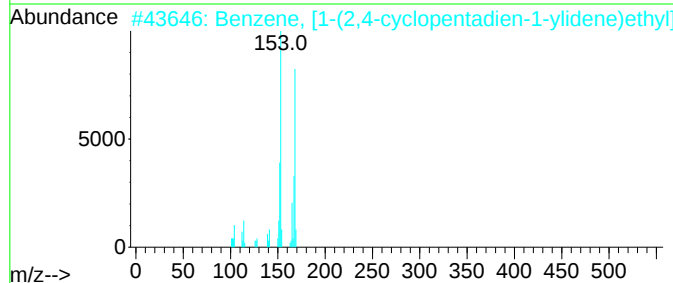
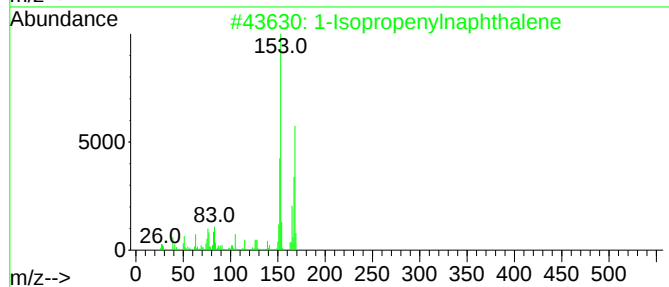
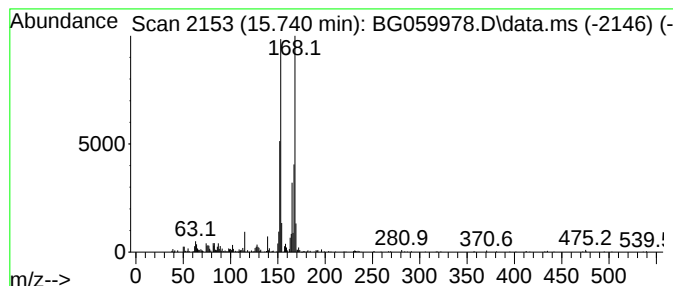
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	6.70 ng	717808	Acenaphthene-d10	14.595

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50
5			2-([1,1'-Biphenyl]-4-yl)-N-(tert...	267	C18H21NO	1001477-17-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW04S

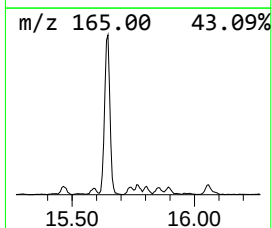
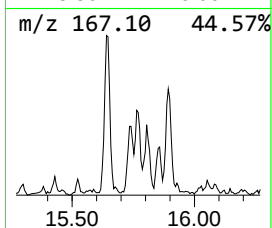
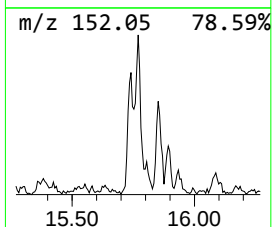
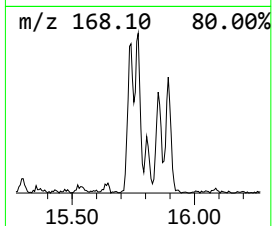
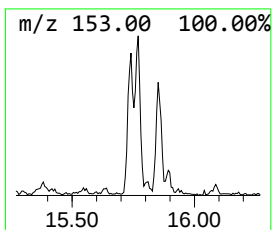
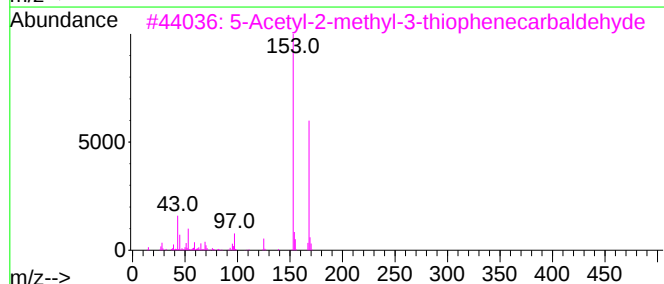
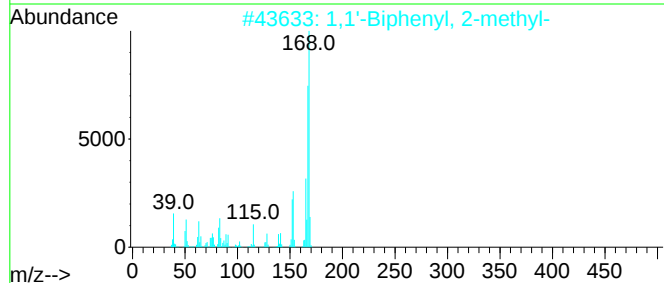
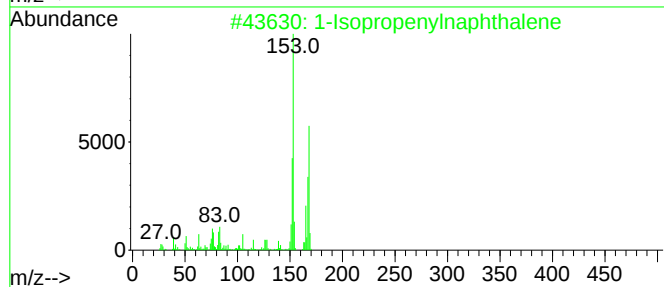
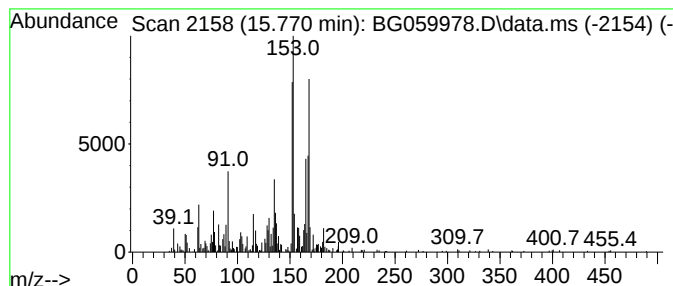
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.770 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.770	7.69 ng	823419	Acenaphthene-d10	14.595

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1	Isopropenylnaphthalene	168	C13H12	001855-47-6	60
2	1,1'	Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
3	5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S		090345-55-4	30
4	1,1'	Biphenyl, 4-methyl-	168	C13H12	000644-08-6	25
5	1,1'	Biphenyl, 3-methyl-	168	C13H12	000643-93-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059978.D
Acq On : 6 Dec 2023 20:41
Operator : MA/JU
Sample : 05592-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW04S

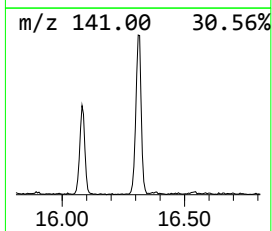
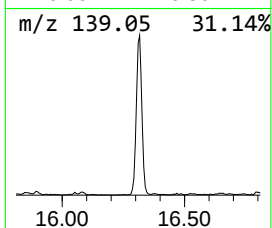
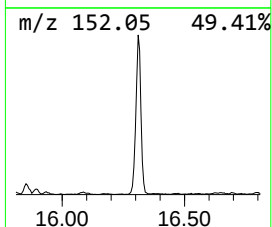
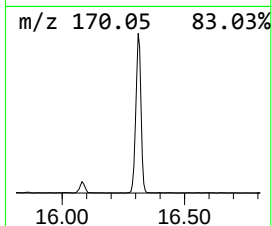
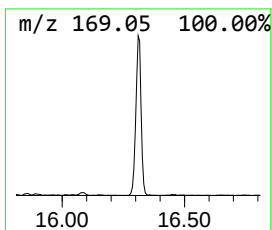
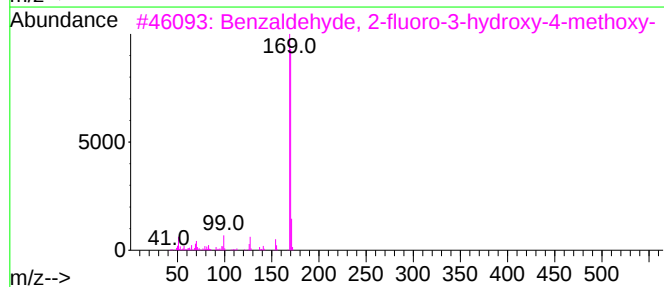
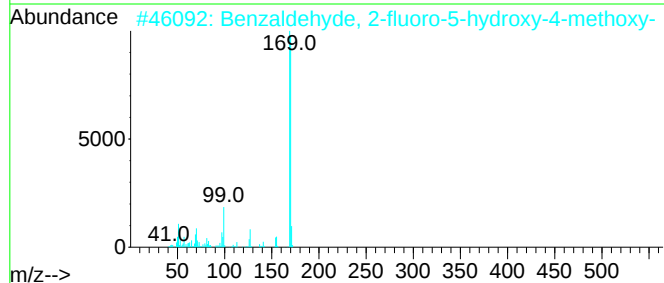
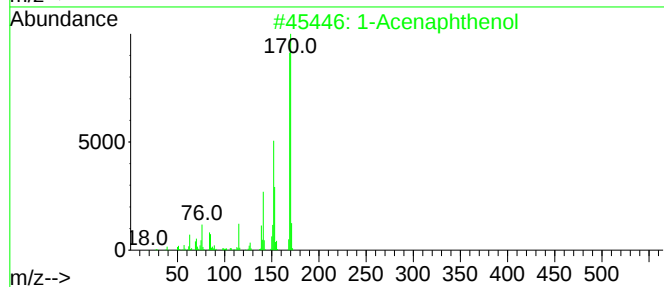
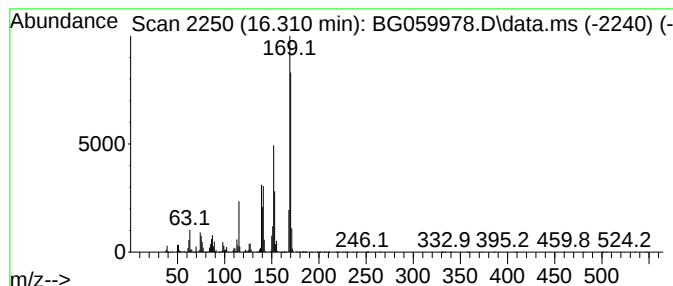
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Acenaphthenol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	58.60 ng	9569640	Phenanthrene-d10	17.344

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Acenaphthenol	170	C12H10O	006306-07-6	93
2		Benzaldehyde, 2-fluoro-5-hydroxy...	170	C8H7FO3	079418-76-1	43
3		Benzaldehyde, 2-fluoro-3-hydroxy...	170	C8H7FO3	079418-73-8	43
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	38
5		p-Hydroxybiphenyl	170	C12H10O	000092-69-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059978.D
 Acq On : 6 Dec 2023 20:41
 Operator : MA/JU
 Sample : 05592-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW04S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.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
Butane, 2-metho...	3.149	39.3	ng	1758100	1	7.961	894180	20.0
Indane	8.337	16.0	ng	713661	1	7.961	894180	20.0
Benzene, 1,4-di...	8.449	13.6	ng	609564	1	7.961	894180	20.0
Benzene, 1,2-di...	8.602	8.8	ng	393402	1	7.961	894180	20.0
Benzene, 2-ethy...	9.066	17.1	ng	762086	1	7.961	894180	20.0
1-Phenyl-1-butene	10.012	13.3	ng	952483	2	10.764	1427560	20.0
Benzene, 2-ethe...	10.159	24.1	ng	1717780	2	10.764	1427560	20.0
1H-Inden-1-ol, ...	11.369	6.7	ng	474690	2	10.764	1427560	20.0
unknown11.868	11.868	7.9	ng	561366	2	10.764	1427560	20.0
5H-Benzocyclohe...	11.957	9.8	ng	697973	2	10.764	1427560	20.0
1H-Inden-1-one,...	12.139	10.0	ng	714614	2	10.764	1427560	20.0
Naphthalene, 2-...	13.649	8.0	ng	858265	3	14.595	2142750	20.0
Naphthalene, 2,...	13.760	22.4	ng	2394300	3	14.595	2142750	20.0
Naphthalene, 1,...	13.919	35.2	ng	3771540	3	14.595	2142750	20.0
Naphthalene, 1,...	13.972	10.0	ng	1071390	3	14.595	2142750	20.0
Naphthalene, 1,...	14.154	11.1	ng	1189010	3	14.595	2142750	20.0
1-Naphthaleneme...	15.517	20.5	ng	2191600	3	14.595	2142750	20.0
1-Isopropenylna...	15.740	6.7	ng	717808	3	14.595	2142750	20.0
unknown15.770	15.770	7.7	ng	823419	3	14.595	2142750	20.0
1-Acenaphthenol	16.310	58.6	ng	9569640	4	17.344	3266040	20.0