

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059770.D
 Acq On : 20 Nov 2023 15:46
 Operator : MA/JU
 Sample : 05359-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC-48-WC-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.368	331	337	343	rVB3	96761	159488	3.31%	0.273%
2	5.827	405	415	422	rVB2	390127	659373	13.67%	1.129%
3	7.454	685	692	699	rVB	534763	944860	19.59%	1.618%
4	8.218	813	822	829	rVB6	80300	171173	3.55%	0.293%
5	8.329	834	841	847	rBV3	139923	264545	5.48%	0.453%
6	8.788	912	919	924	rBV6	118291	225367	4.67%	0.386%
7	8.841	924	928	934	rVB8	82637	150494	3.12%	0.258%
8	8.946	934	946	951	rBV9	112480	288087	5.97%	0.493%
9	9.158	977	982	992	rVB10	58085	157796	3.27%	0.270%
10	9.416	1018	1026	1034	rVV3	276360	566650	11.75%	0.970%
11	9.528	1034	1045	1051	rVV2	385835	896222	18.58%	1.534%
12	9.657	1061	1067	1074	rVB6	110198	244757	5.07%	0.419%
13	9.945	1111	1116	1122	rVB2	195864	336983	6.99%	0.577%
14	10.045	1130	1133	1142	rVB4	131825	235679	4.89%	0.403%
15	10.133	1142	1148	1153	rBV7	69503	148681	3.08%	0.255%
16	10.204	1154	1160	1162	rBV3	129784	223309	4.63%	0.382%
17	10.315	1171	1179	1187	rBV9	240737	554897	11.50%	0.950%
18	10.398	1187	1193	1200	rVV4	190162	437190	9.06%	0.748%
19	10.539	1211	1217	1221	rVV	338475	599310	12.43%	1.026%
20	10.592	1221	1226	1232	rVB6	152982	305884	6.34%	0.524%
21	10.703	1241	1245	1252	rVB4	140417	234207	4.86%	0.401%
22	10.791	1254	1260	1263	rBV3	183998	343647	7.12%	0.588%
23	10.827	1263	1266	1271	rVB2	163897	236094	4.89%	0.404%
24	11.056	1301	1305	1308	rVV5	131009	239182	4.96%	0.409%
25	11.120	1308	1316	1320	rVV2	298698	760904	15.78%	1.303%
26	11.173	1320	1325	1332	rVV3	314637	930459	19.29%	1.593%
27	11.238	1332	1336	1346	rVB6	348924	801938	16.63%	1.373%
28	11.344	1346	1354	1360	rVB4	166448	386193	8.01%	0.661%
29	11.626	1394	1402	1407	rVB2	232243	419666	8.70%	0.718%
30	11.737	1413	1421	1425	rBV5	188306	345111	7.15%	0.591%
31	11.808	1428	1433	1444	rVB7	259334	664509	13.78%	1.138%
32	11.908	1444	1450	1455	rBV6	107477	184520	3.83%	0.316%
33	12.055	1470	1475	1478	rVV	197213	299634	6.21%	0.513%
34	12.090	1478	1481	1486	rVB2	237737	334009	6.92%	0.572%
35	12.160	1488	1493	1500	rBV8	62405	171020	3.55%	0.293%
36	12.243	1502	1507	1512	rVB2	155884	265727	5.51%	0.455%

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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-BG111623.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.331	1512	1522	1527	rBV	556878	1113931	23.09%	1.907%
38	12.372	1527	1529	1533	rVB5	146721	171751	3.56%	0.294%
39	12.436	1533	1540	1541	rBV7	97197	169867	3.52%	0.291%
40	12.530	1547	1556	1559	rBV4	158509	357423	7.41%	0.612%
41	12.683	1578	1582	1588	rBV6	310489	525085	10.89%	0.899%
42	12.742	1589	1592	1598	rVB6	82587	140286	2.91%	0.240%
43	12.812	1599	1604	1609	rBV	286538	465080	9.64%	0.796%
44	13.036	1636	1642	1646	rBV3	938626	1634782	33.89%	2.799%
45	13.112	1651	1655	1660	rVV3	175221	239291	4.96%	0.410%
46	13.200	1663	1670	1677	rVB8	155513	425099	8.81%	0.728%
47	13.283	1677	1684	1690	rBV4	279173	579416	12.01%	0.992%
48	13.341	1690	1694	1697	rBV4	175960	248480	5.15%	0.425%
49	13.418	1703	1707	1714	rBV6	240556	501378	10.39%	0.858%
50	13.506	1718	1722	1729	rVB5	155094	303751	6.30%	0.520%
51	13.582	1730	1735	1742	rBV2	812840	1353927	28.07%	2.318%
52	13.647	1742	1746	1750	rBV7	99979	182637	3.79%	0.313%
53	13.717	1753	1758	1762	rVB6	160873	300621	6.23%	0.515%
54	13.805	1767	1773	1776	rBV8	180321	307193	6.37%	0.526%
55	13.888	1777	1787	1792	rBV	500863	1103697	22.88%	1.889%
56	13.946	1792	1797	1800	rBV5	216259	334963	6.94%	0.573%
57	13.993	1802	1805	1808	rBV3	149233	197395	4.09%	0.338%
58	14.140	1818	1830	1835	rBV7	996796	3713544	76.99%	6.357%
59	14.275	1849	1853	1858	rVB	748190	1318203	27.33%	2.257%
60	14.346	1860	1865	1870	rVB4	698530	1332232	27.62%	2.281%
61	14.440	1878	1881	1887	rVB4	351516	528863	10.96%	0.905%
62	14.516	1888	1894	1903	rVB6	655729	1274533	26.42%	2.182%
63	14.675	1915	1921	1928	rVB6	206456	522691	10.84%	0.895%
64	14.845	1946	1950	1954	rBV7	117138	208455	4.32%	0.357%
65	14.963	1967	1970	1973	rBV3	128846	191124	3.96%	0.327%
66	15.033	1977	1982	1996	rVB3	253459	845303	17.53%	1.447%
67	15.151	1996	2002	2009	rBV2	373481	924415	19.17%	1.583%
68	15.333	2028	2033	2039	rBV	501918	903517	18.73%	1.547%
69	15.415	2043	2047	2064	rVB	722420	1596940	33.11%	2.734%
70	15.556	2064	2071	2076	rBV4	513526	1199154	24.86%	2.053%
71	15.609	2076	2080	2086	rVB3	482863	808269	16.76%	1.384%
72	15.709	2093	2097	2103	rBV6	231719	584032	12.11%	1.000%
73	15.768	2103	2107	2113	rVB4	264682	495484	10.27%	0.848%
74	16.026	2146	2151	2158	rVB7	233530	495458	10.27%	0.848%
75	16.120	2162	2167	2174	rVB5	422636	927504	19.23%	1.588%
76	16.250	2185	2189	2190	rBV4	131615	146413	3.04%	0.251%

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77	16.355	2202	2207	2209	rBV6	133159	220796	4.58%	0.378%
78	16.444	2215	2222	2227	rBV5	354237	757819	15.71%	1.297%
79	16.596	2244	2248	2252	rBV	532347	684756	14.20%	1.172%
80	16.649	2252	2257	2266	rVB3	275709	606402	12.57%	1.038%
81	16.790	2277	2281	2286	rVB4	159154	252045	5.23%	0.431%
82	16.919	2299	2303	2307	rVB6	131040	198913	4.12%	0.341%
83	16.972	2308	2312	2315	rBV5	245943	400475	8.30%	0.686%
84	17.060	2321	2327	2335	rBV4	483691	1113647	23.09%	1.906%
85	17.201	2347	2351	2354	rBV5	214754	323505	6.71%	0.554%
86	17.395	2370	2384	2386	rBV5	1541576	4823392	100.00%	8.257%
87	17.713	2434	2438	2442	rBV2	288543	406264	8.42%	0.695%
88	17.760	2442	2446	2454	rVB	236998	415306	8.61%	0.711%
89	18.024	2488	2491	2497	rVB6	155158	253213	5.25%	0.433%
90	18.288	2534	2536	2544	rVB4	166223	293731	6.09%	0.503%
91	18.576	2582	2585	2589	rVB	230723	311121	6.45%	0.533%
92	18.623	2590	2593	2600	rVB2	269516	385882	8.00%	0.661%
93	18.758	2614	2616	2621	rVB4	122531	143954	2.98%	0.246%
94	19.469	2733	2737	2742	rBV2	214394	311964	6.47%	0.534%
95	19.728	2777	2781	2782	rBV4	176883	191786	3.98%	0.328%
96	19.781	2787	2790	2795	rVB4	514263	774922	16.07%	1.327%
97	20.286	2871	2876	2881	rBV	1506030	1864235	38.65%	3.191%
98	20.774	2955	2959	2964	rVB6	83360	148575	3.08%	0.254%
99	22.037	3169	3174	3180	rVB	244482	433528	8.99%	0.742%
100	25.615	3776	3783	3784	rBV2	130740	238415	4.94%	0.408%

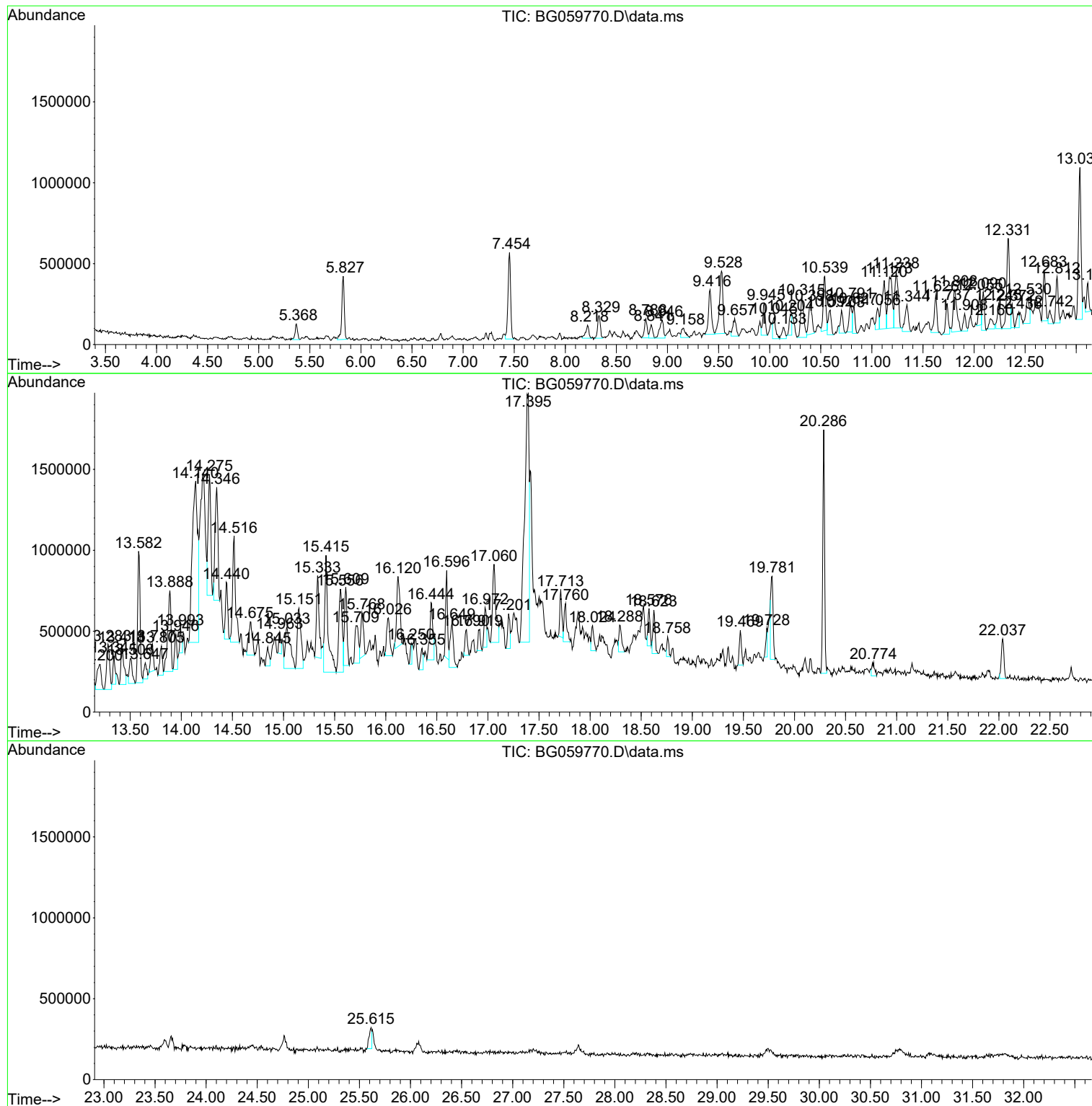
Sum of corrected areas: 58414398

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.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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Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
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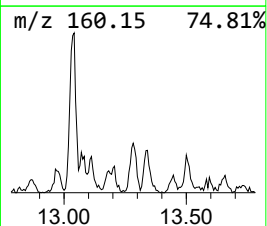
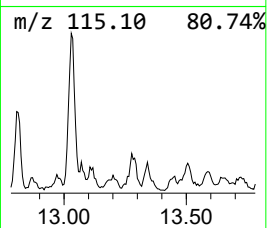
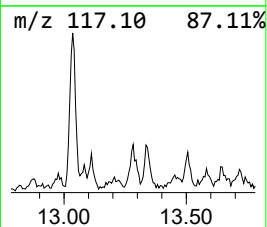
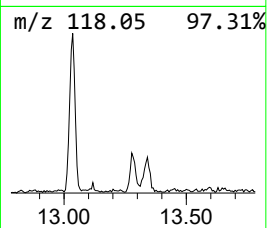
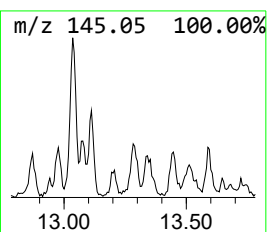
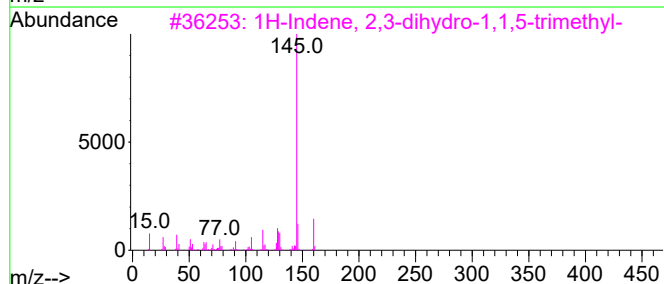
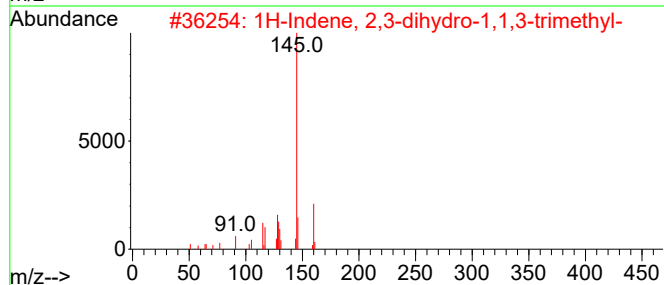
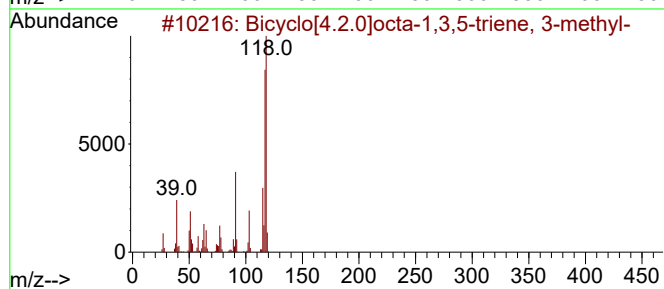
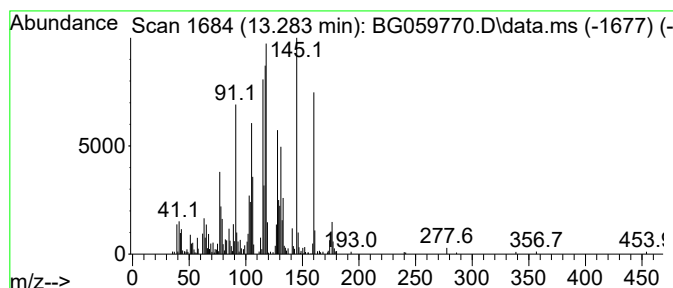
Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.283	60.63 ng	579416	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	74
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	58
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	52
5	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	50



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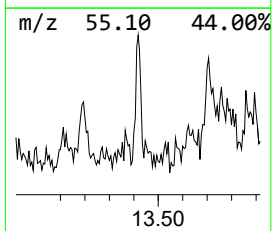
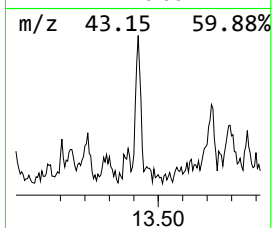
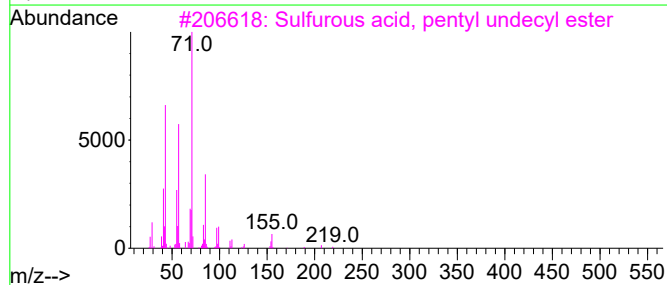
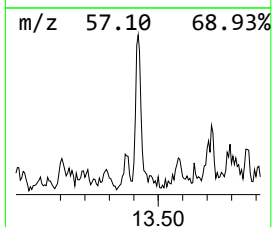
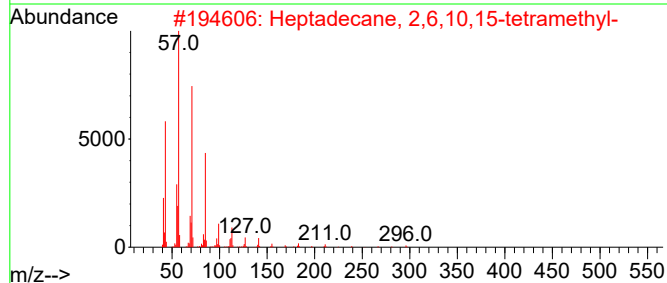
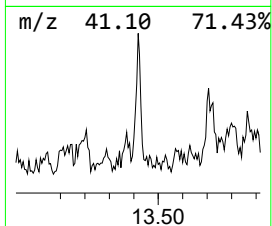
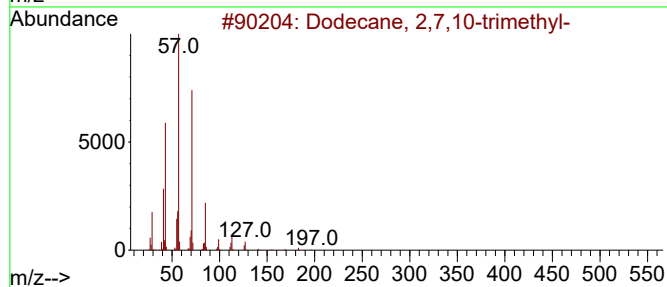
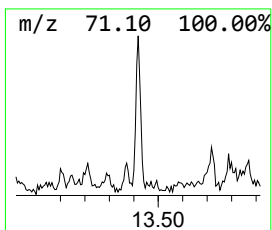
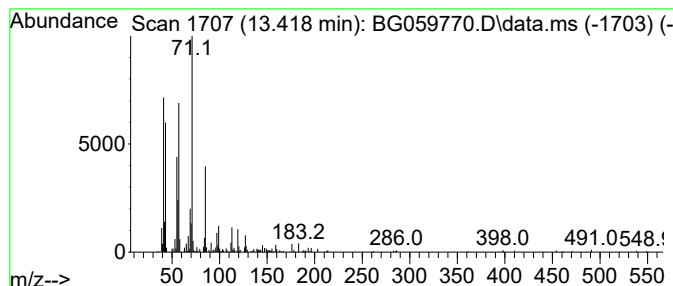
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.418	52.47 ng	501378	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68
5	Octane, 2-methyl-	128	C9H20	003221-61-2	53



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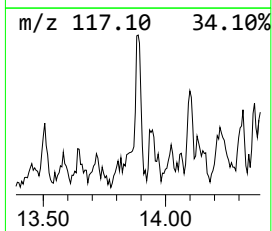
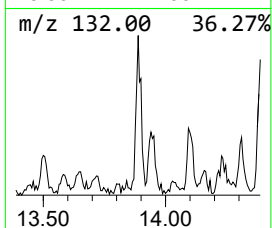
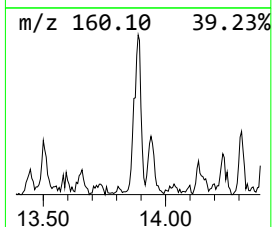
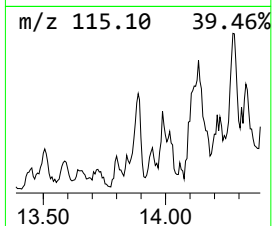
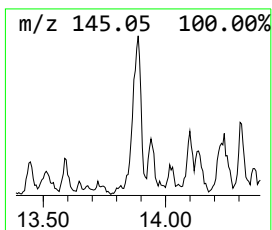
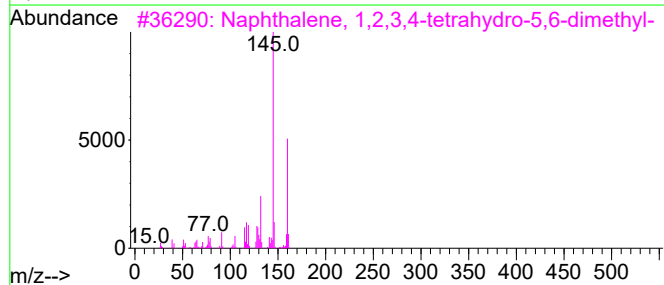
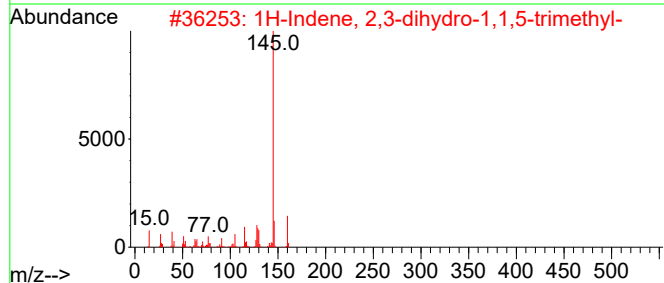
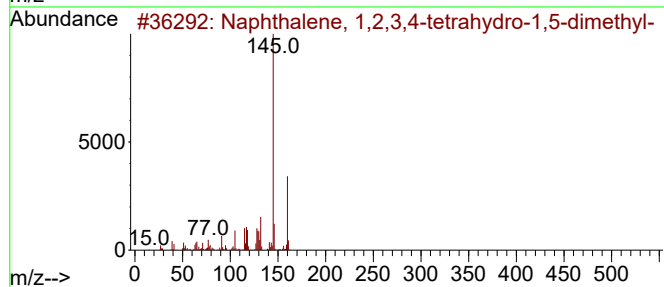
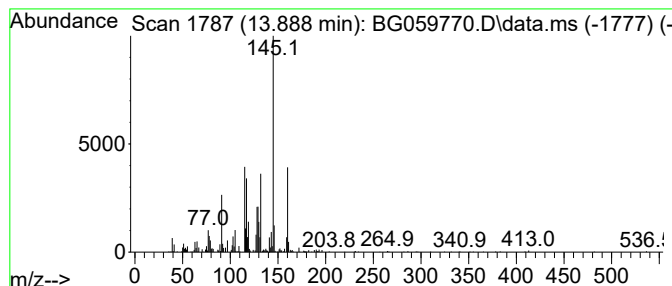
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ClientSampleId :
EC-48-WC-1

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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 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.888	115.50 ng	1103700	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	94
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

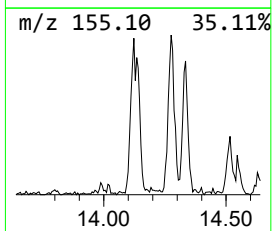
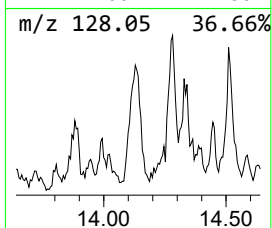
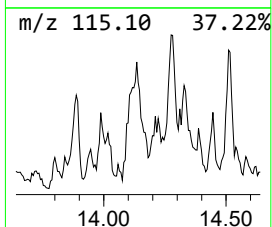
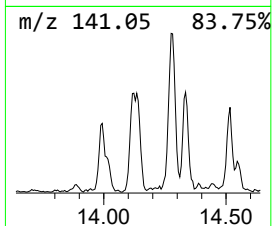
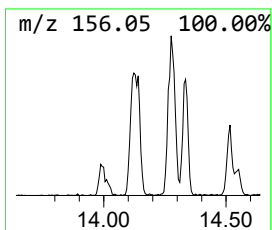
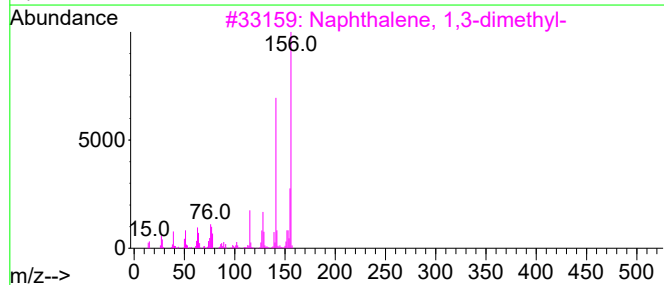
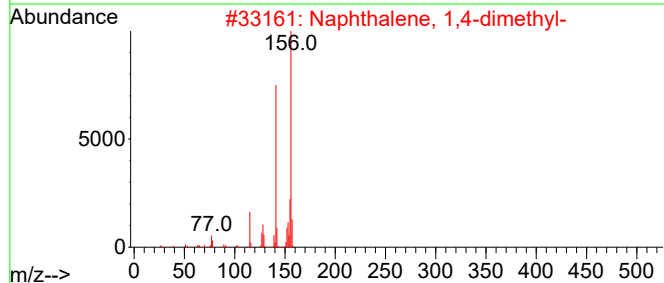
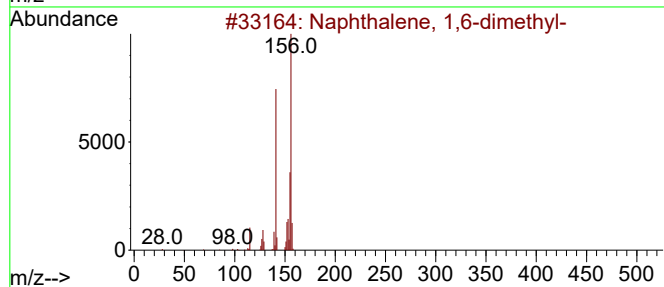
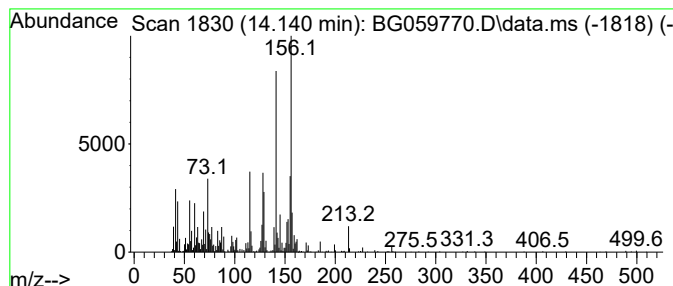
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.140	388.60 ng	3713540	Acenaphthene-d10	14.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	76
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

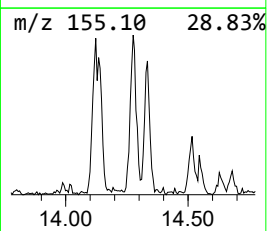
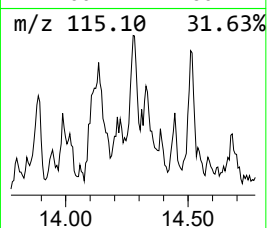
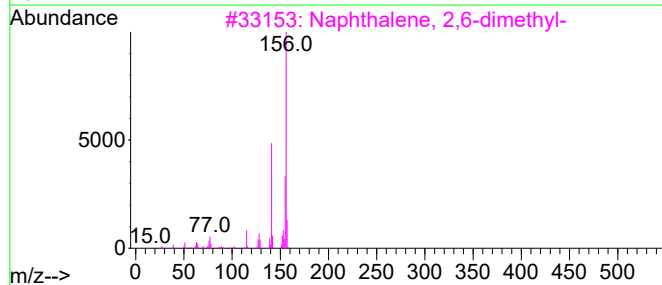
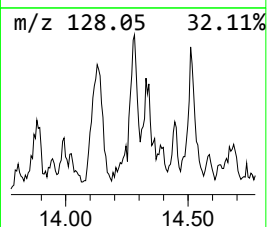
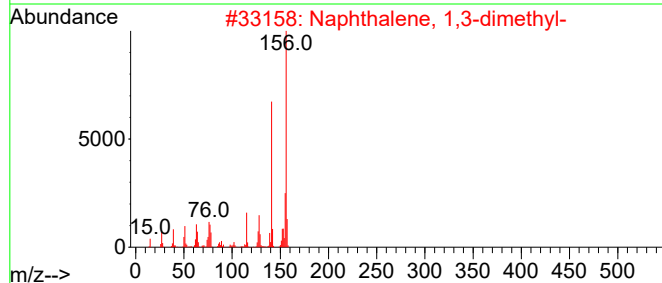
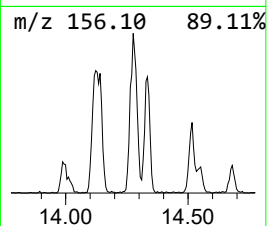
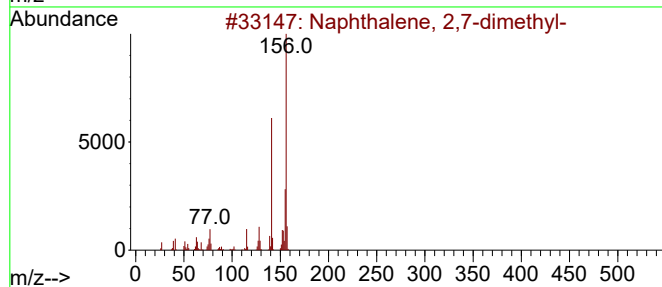
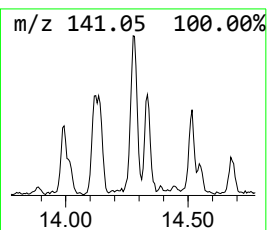
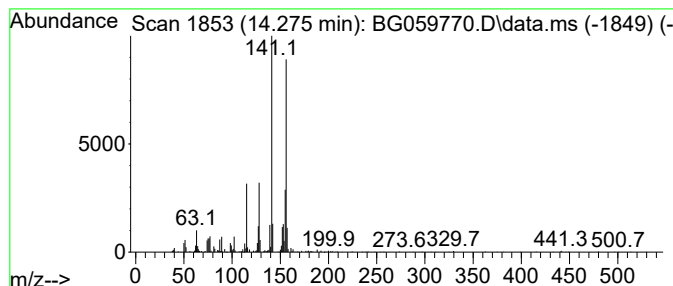
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ClientSampleId :
EC-48-WC-1

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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 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.275	137.94 ng	1318200	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EC-48-WC-1

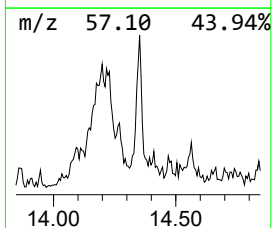
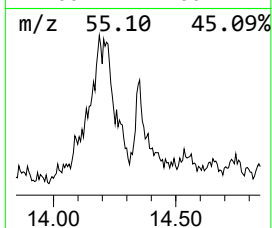
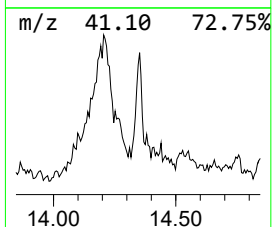
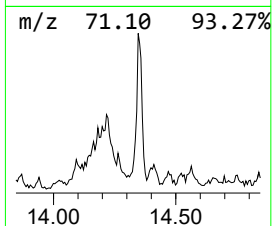
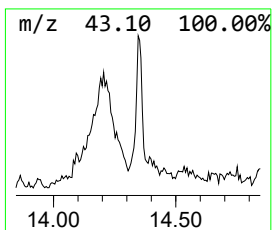
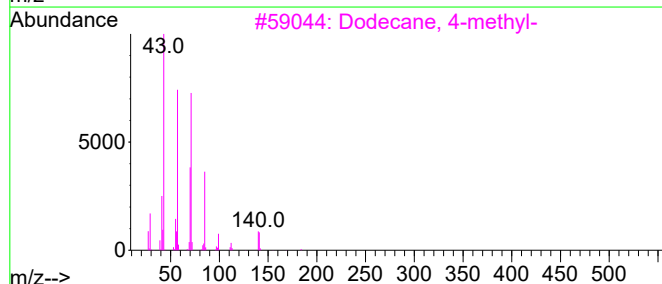
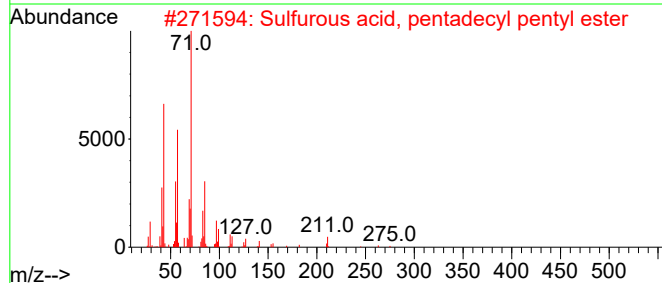
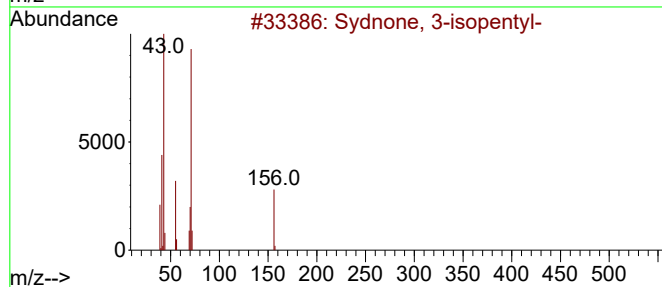
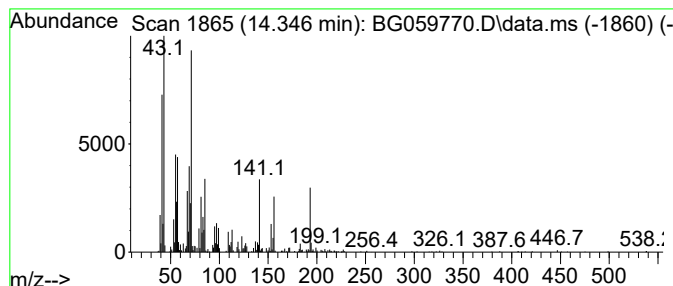
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown14.346 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.346	139.41 ng	1332230	Acenaphthene-d10	14.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sydnone, 3-isopentyl-	156	C7H12N2O2	026537-51-9	43
2			Sulfurous acid, pentadecyl penty...	362	C20H42O3S	1000309-14-8	43
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
4			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	43
5			Octane, 3-ethyl-	142	C10H22	005881-17-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

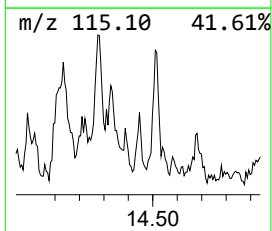
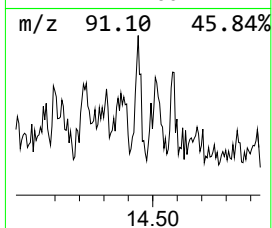
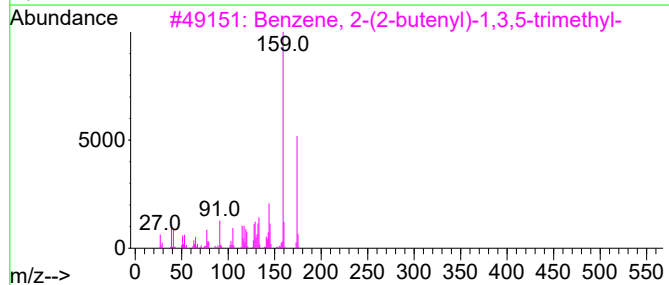
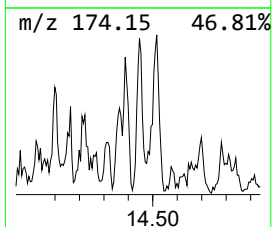
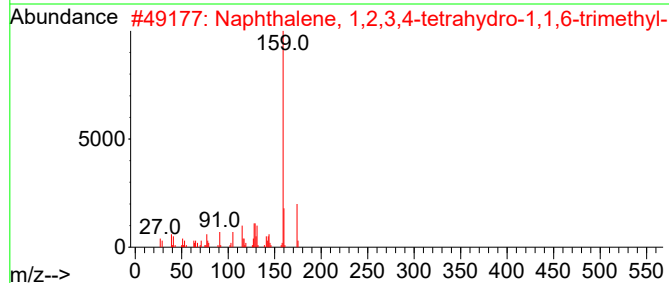
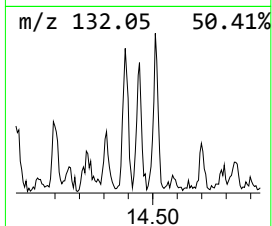
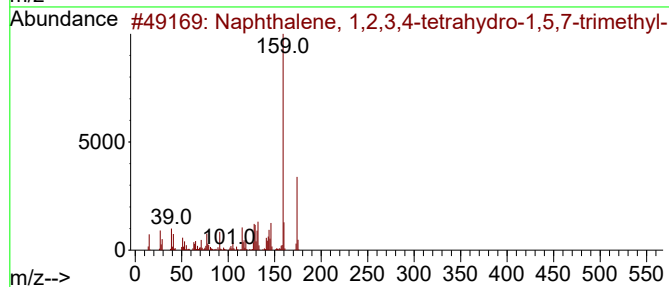
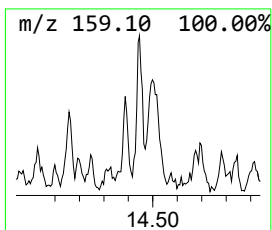
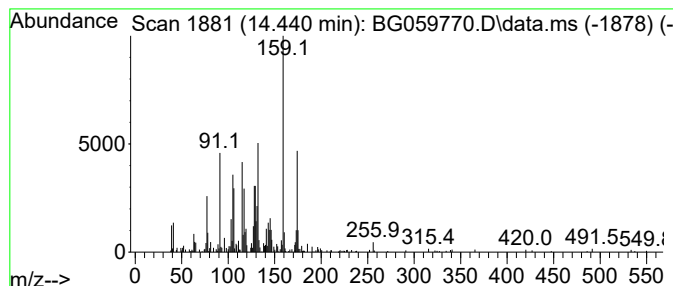
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-(2-butenyl)-1,3,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.440	55.34 ng	528863	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	89
3	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	70
5	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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Acq On : 20 Nov 2023 15:46
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Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

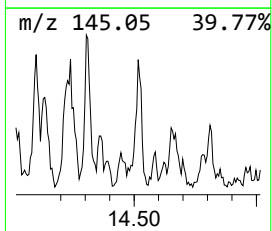
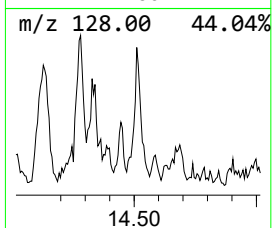
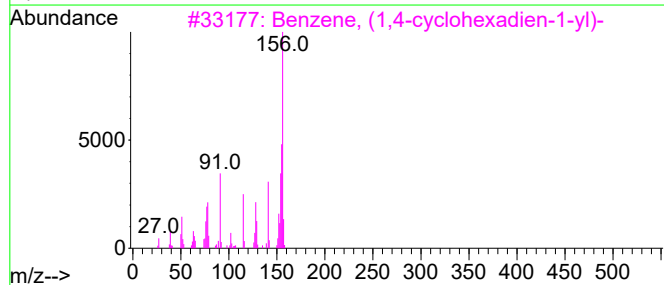
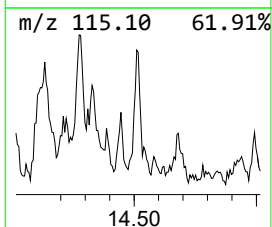
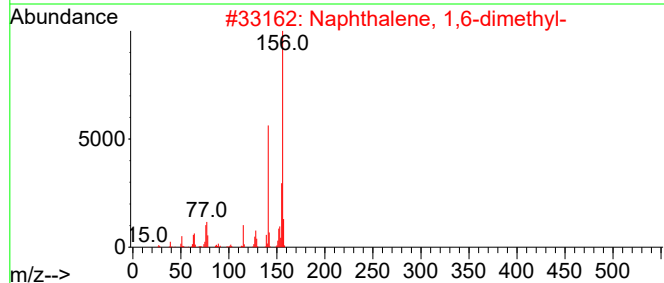
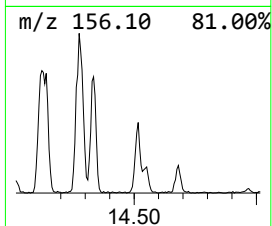
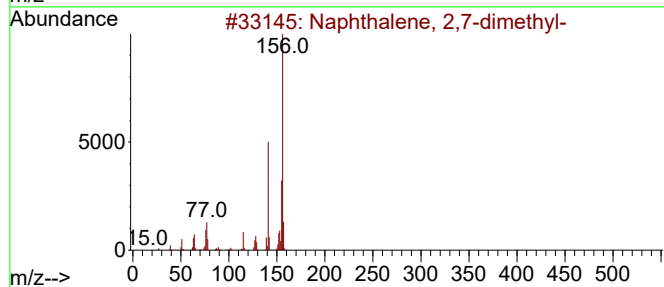
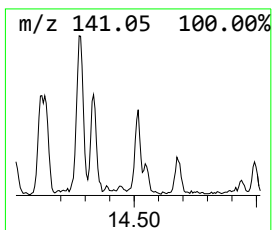
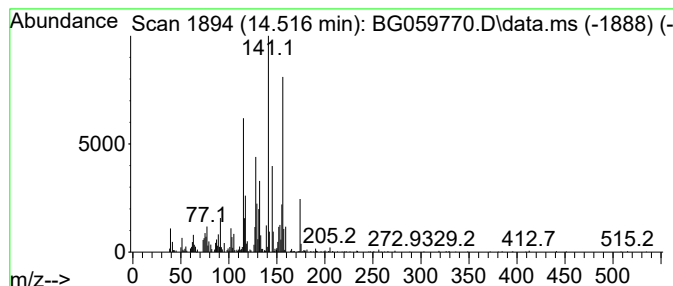
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, (1,4-cyclohexadien... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.516	133.37 ng	1274530	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
3	Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	64
4	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	56
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
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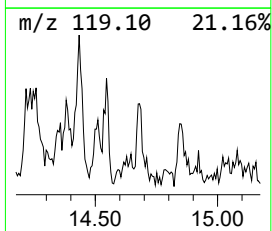
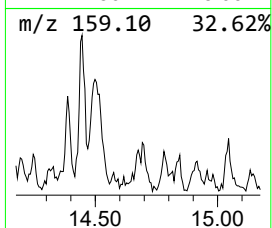
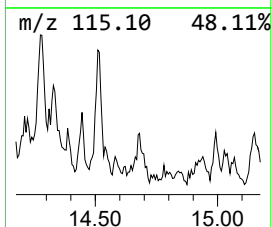
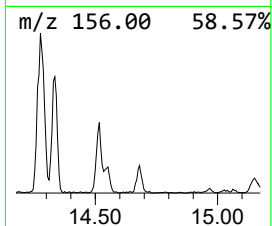
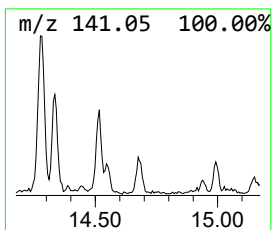
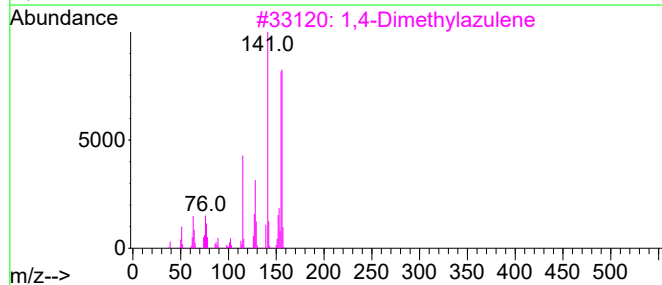
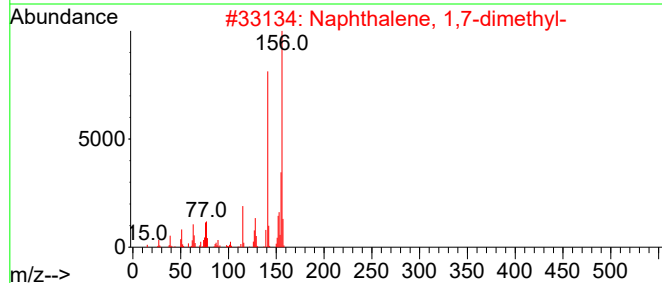
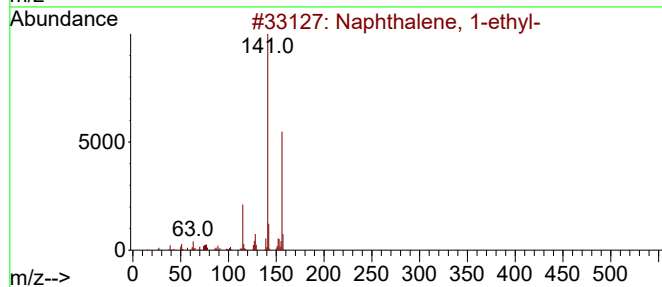
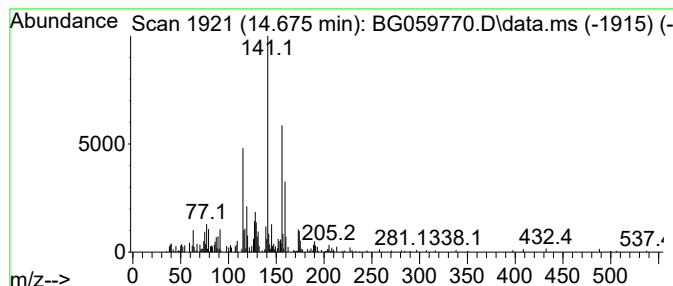
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.675	54.70 ng	522691	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	68
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
3	1,4-Dimethylazulene	156	C12H12	001127-69-1	64
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	64
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

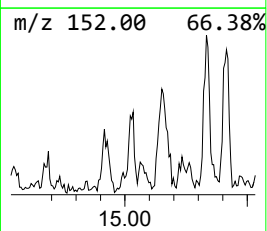
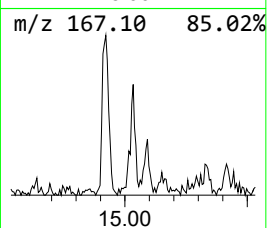
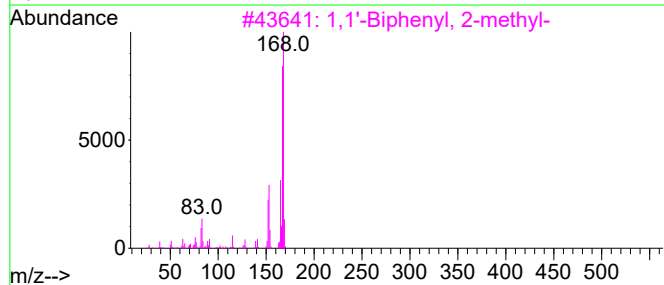
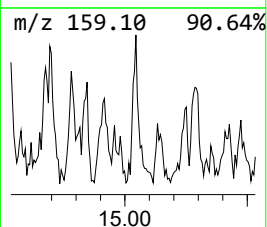
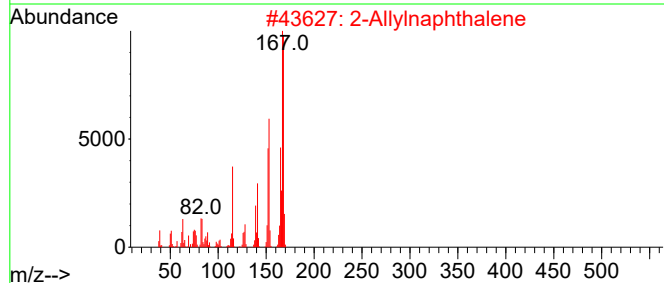
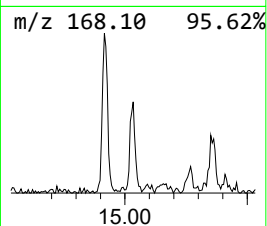
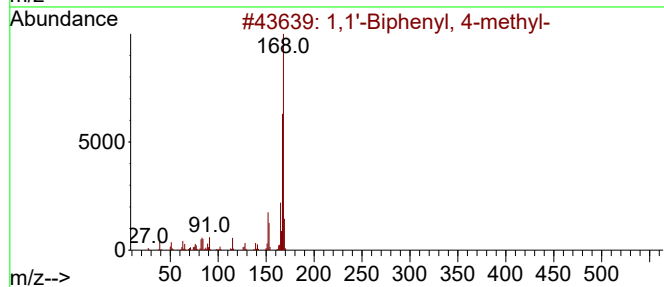
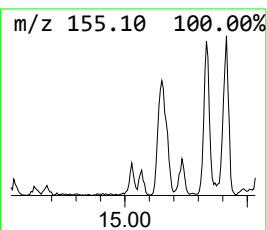
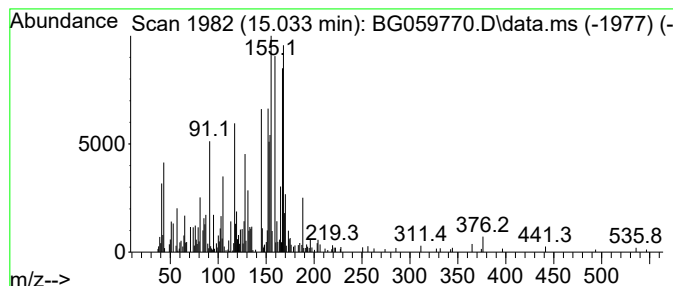
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown15.033 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.033	88.46 ng	845303	Acenaphthene-d10	14.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-		168	C13H12	000644-08-6	46	
2	2-Allylnaphthalene		168	C13H12	002489-87-4	38	
3	1,1'-Biphenyl, 2-methyl-		168	C13H12	000643-58-3	35	
4	Naphthalene, 1-(2-propenyl)-		168	C13H12	002489-86-3	27	
5	Benzene, 2-chloro-1-methyl-4-(1-...		168	C10H13Cl	004395-79-3	25	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

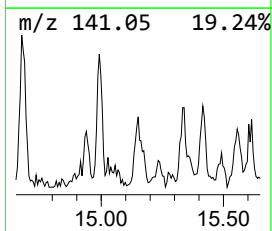
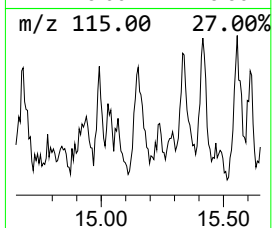
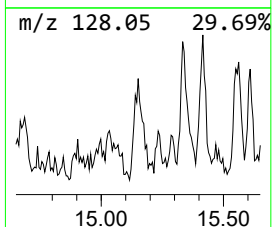
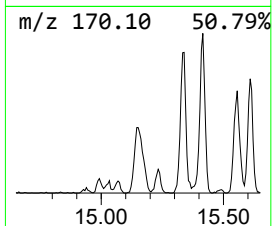
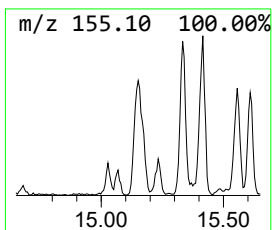
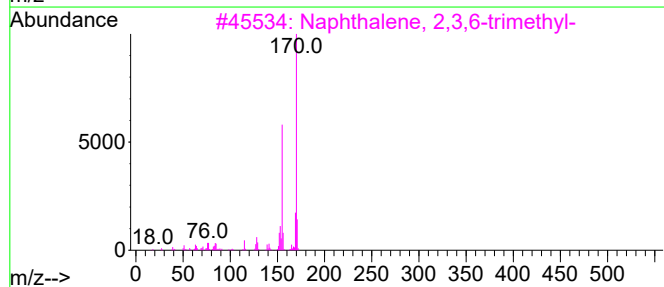
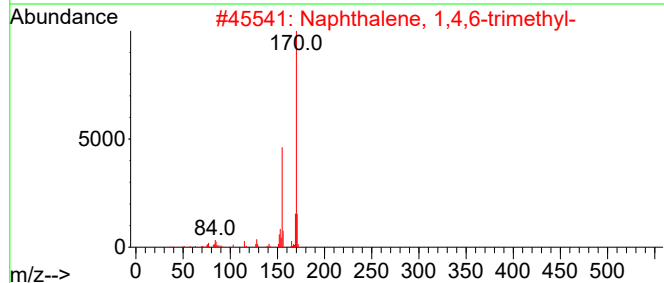
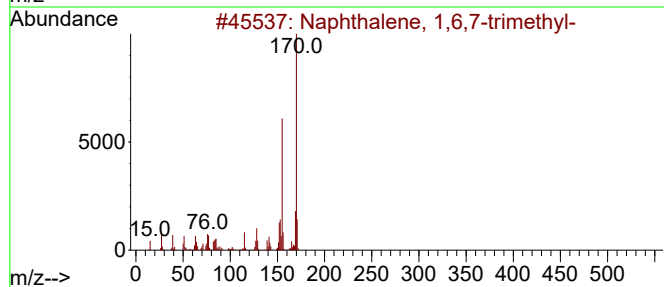
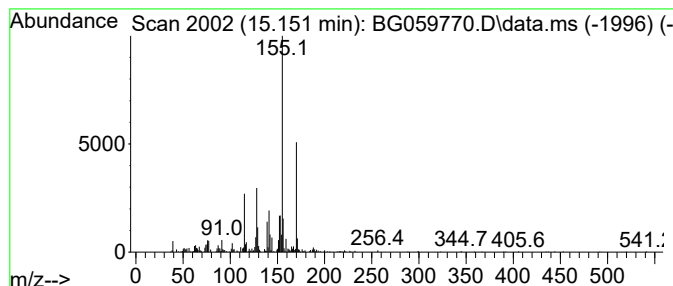
Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.151	96.73 ng	924415	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
5	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

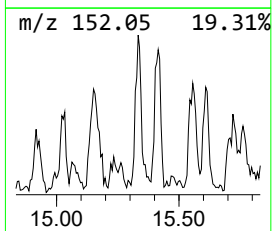
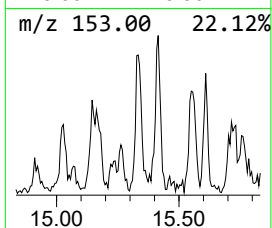
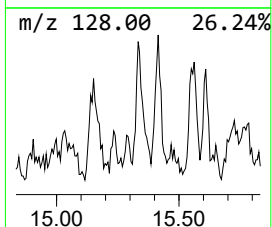
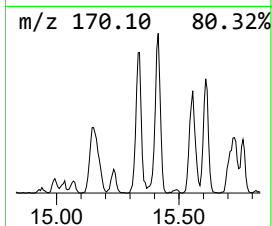
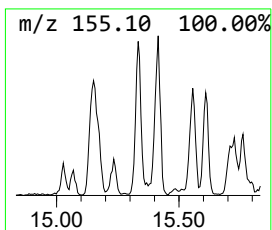
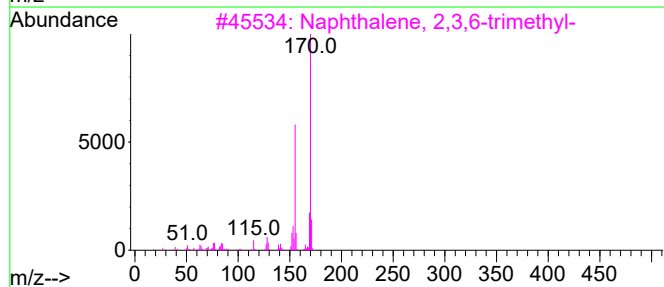
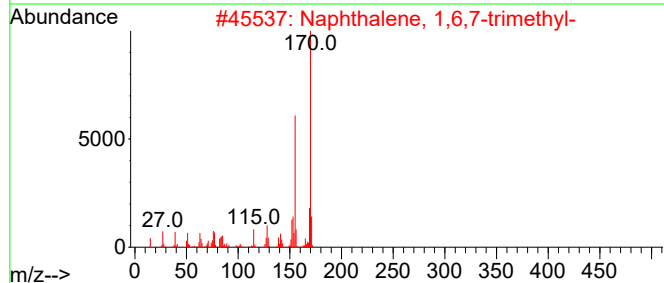
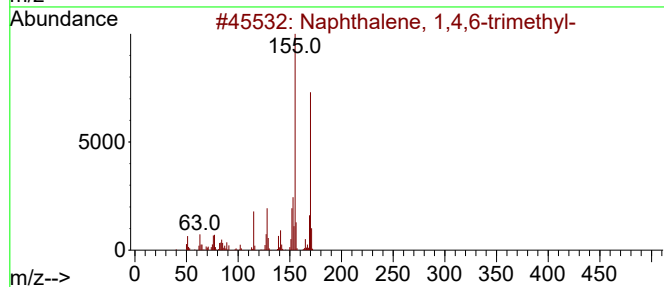
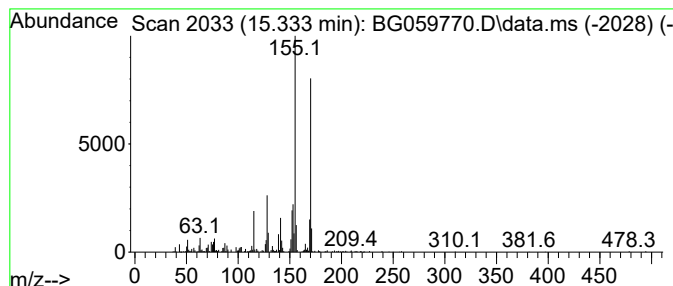
Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.333	94.55 ng	903517	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

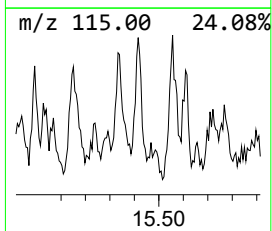
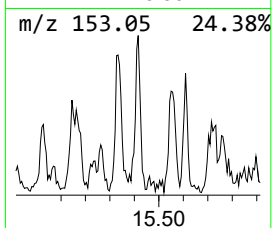
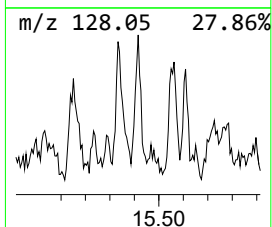
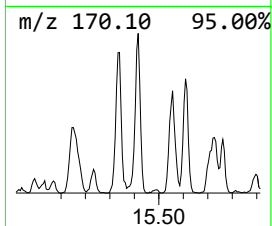
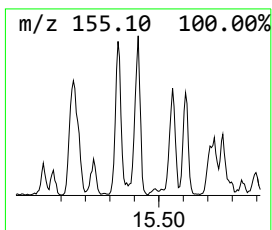
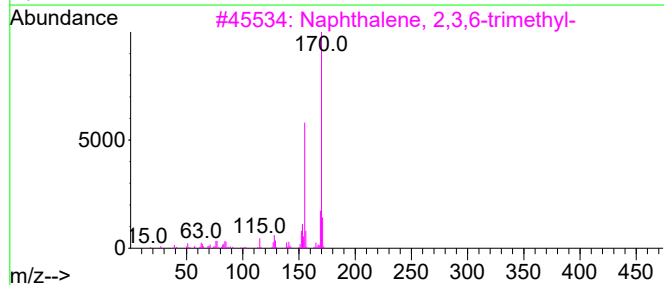
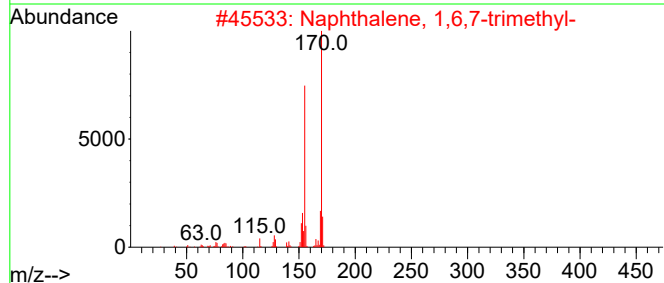
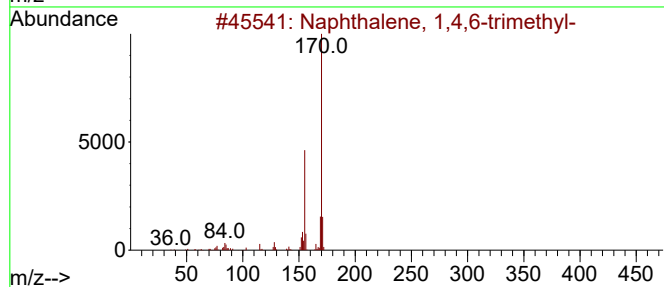
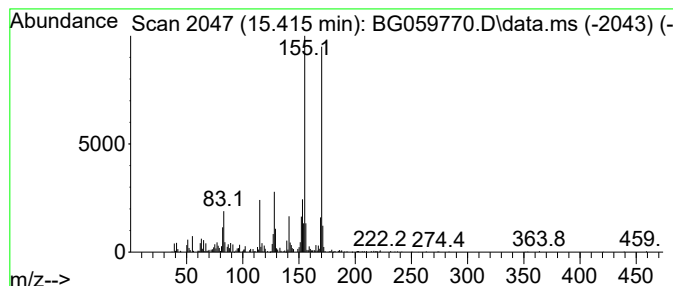
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	167.11 ng	1596940	Acenaphthene-d10	14.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

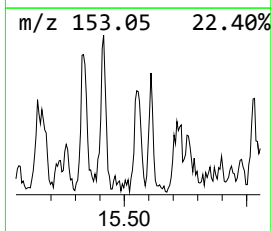
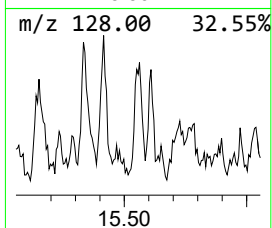
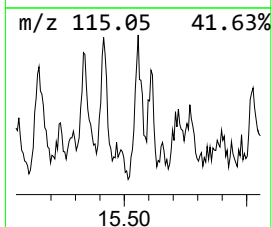
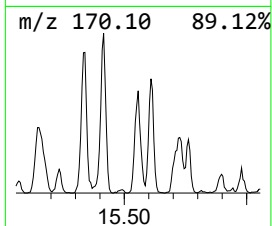
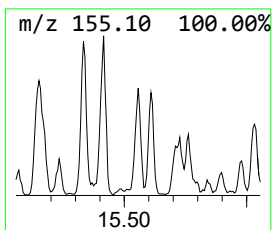
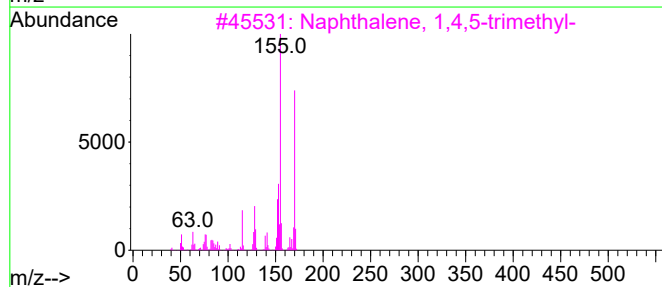
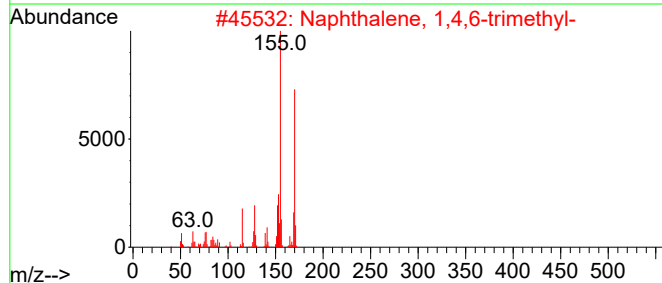
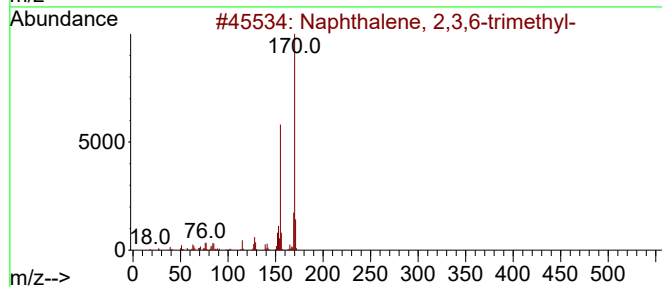
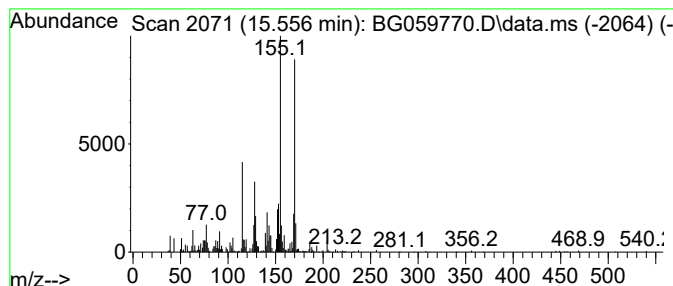
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.556	125.48 ng	1199150	Acenaphthene-d10	14.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

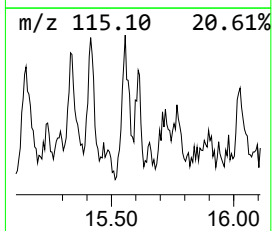
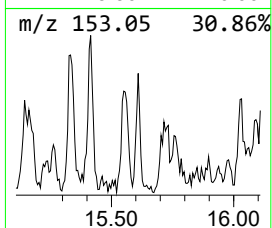
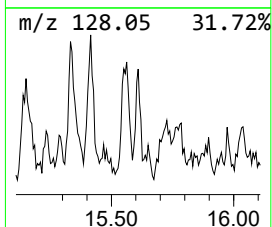
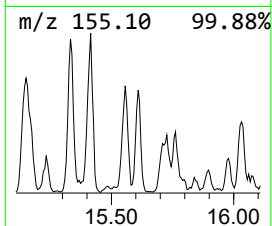
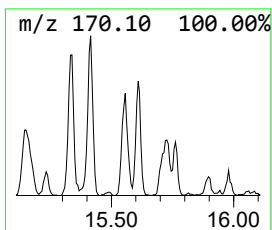
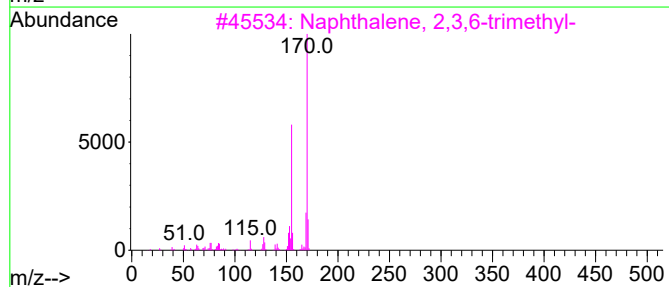
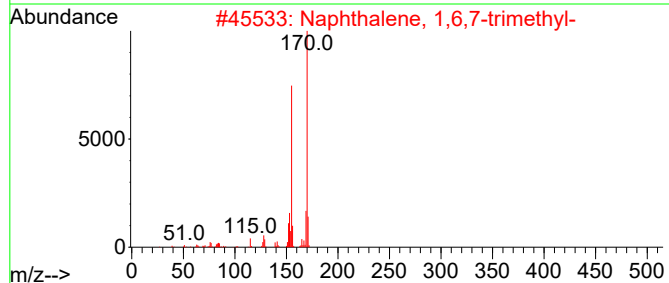
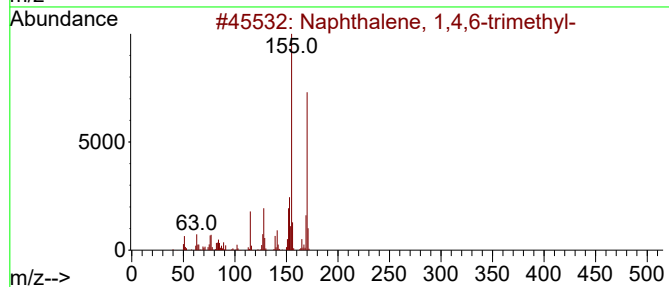
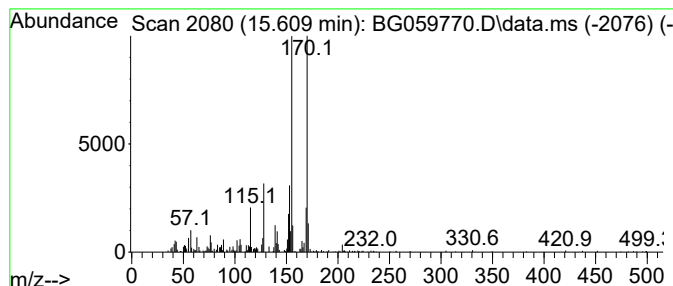
Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.609	84.58 ng	808269	Acenaphthene-d10	14.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EC-48-WC-1

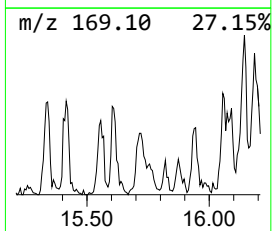
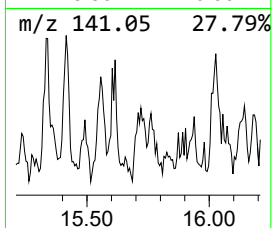
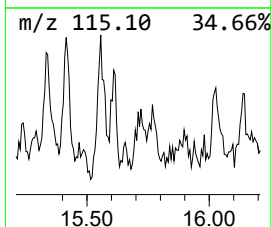
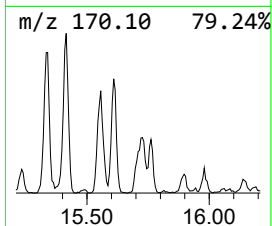
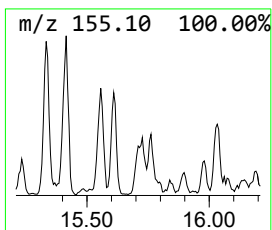
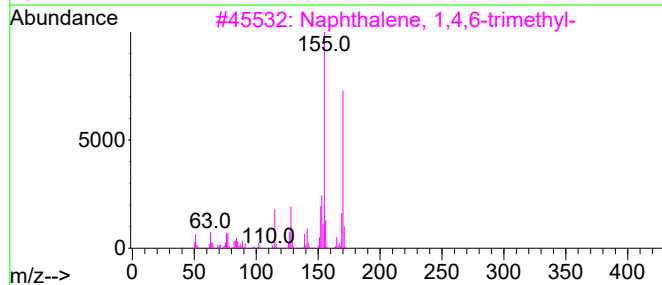
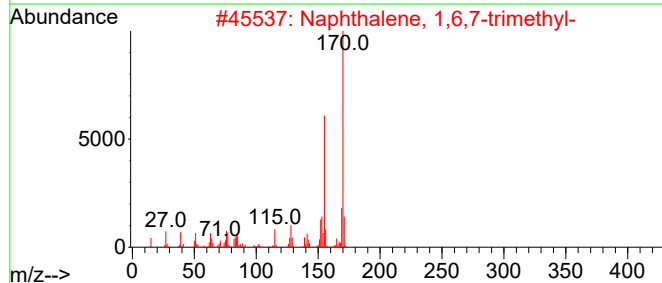
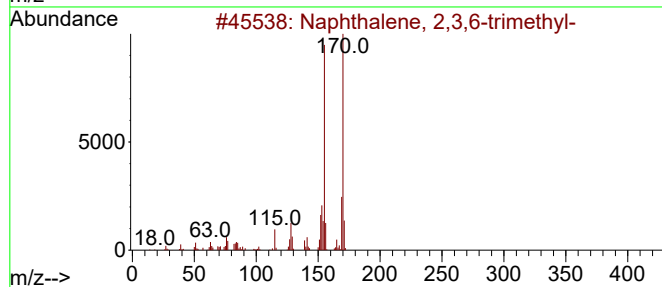
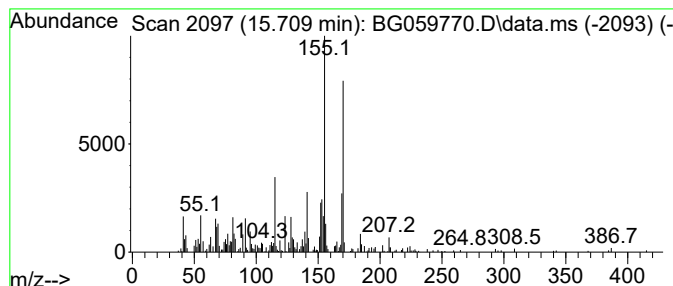
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.709 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.709	61.12 ng	584032	Acenaphthene-d10	14.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	49
5		Z-6-Phenyldec-4-en-2-yne	212	C16H20	103240-99-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

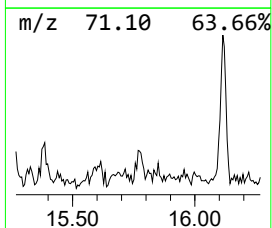
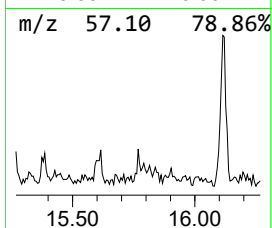
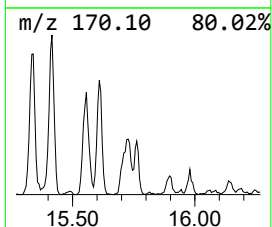
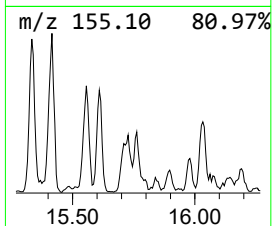
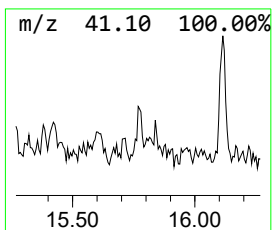
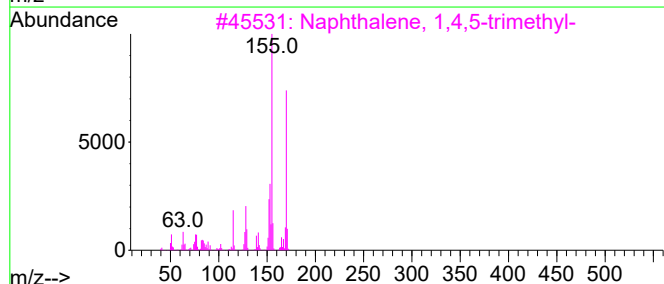
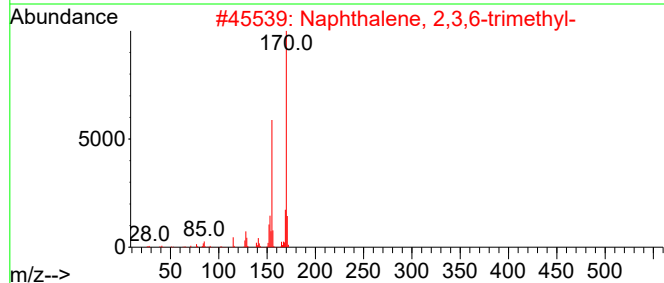
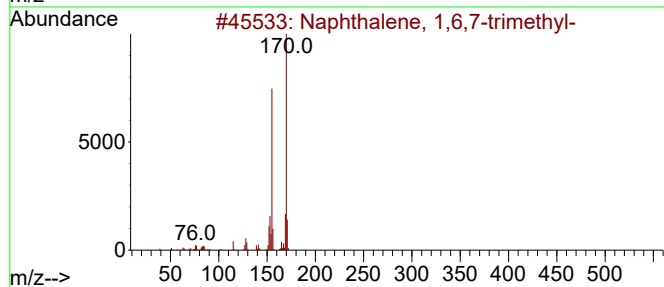
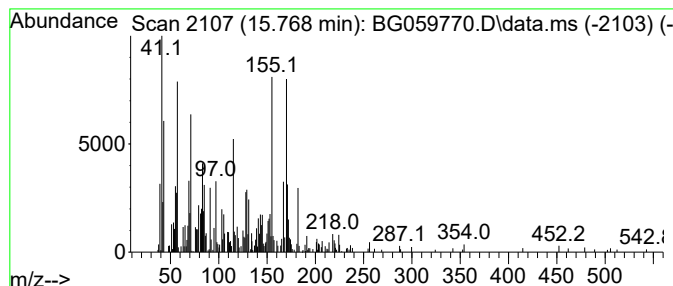
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	51.85 ng	495484	Acenaphthene-d10	14.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	62
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

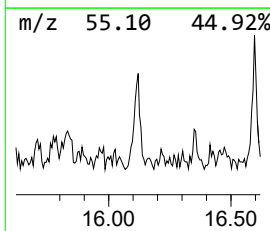
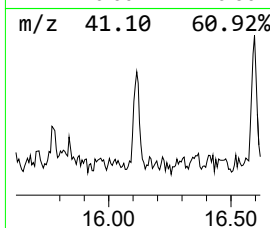
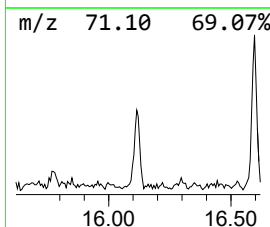
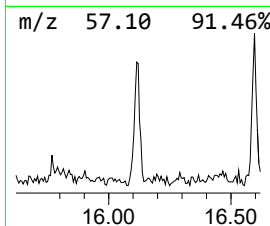
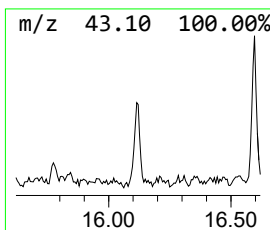
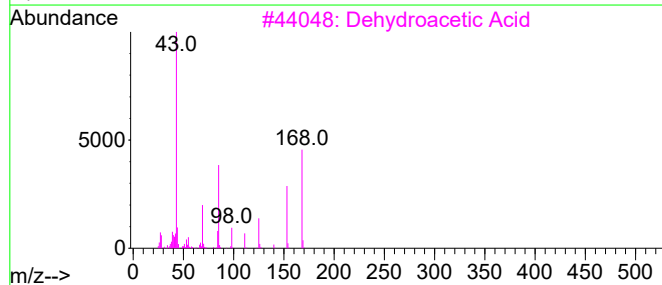
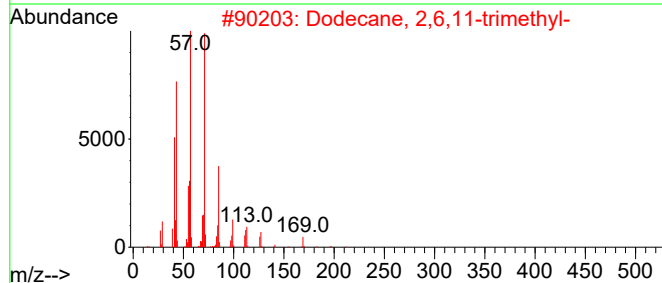
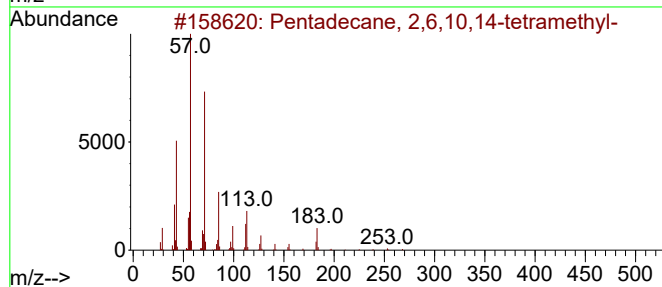
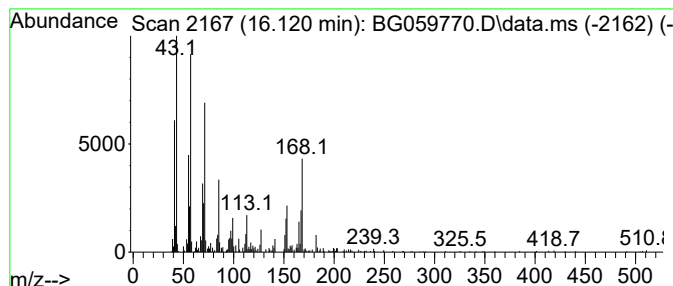
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.120 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.120	97.06 ng	927504	Acenaphthene-d10	14.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
3			Dehydroacetic Acid	168	C8H8O4	000520-45-6	38
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
5			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

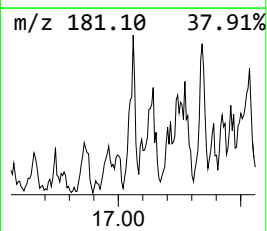
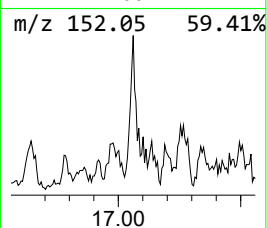
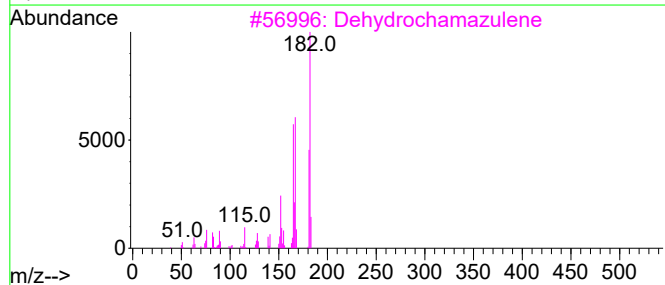
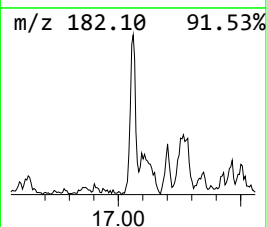
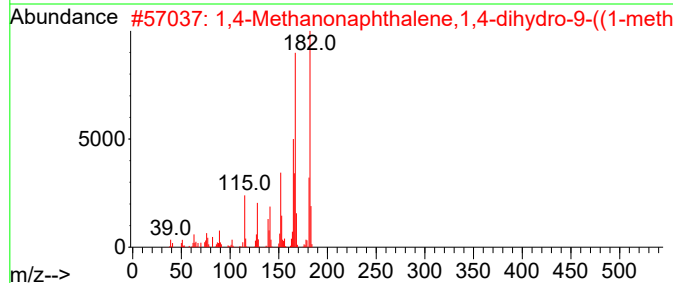
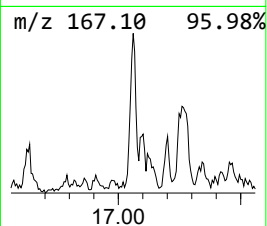
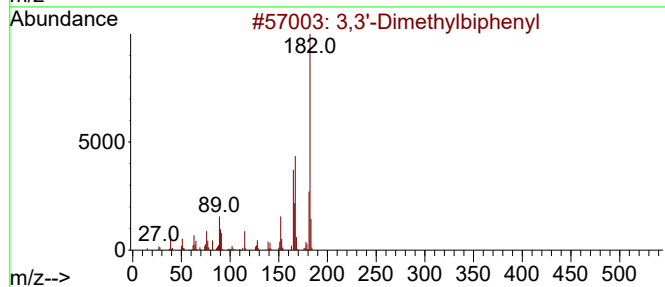
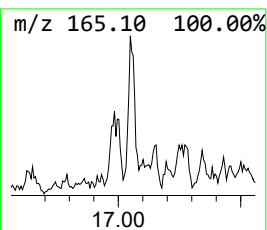
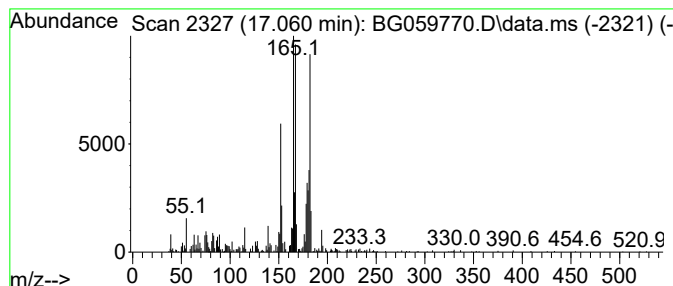
Instrument :
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ClientSampleId :
EC-48-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,3'-Dimethylbiphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.060	54.82 ng	1113650	Phenanthrene-d10	17.713	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	68
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
3	Dehydrochamazulene	182	C14H14	321732-25-6	58
4	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	58
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

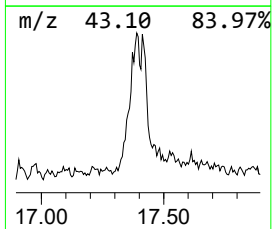
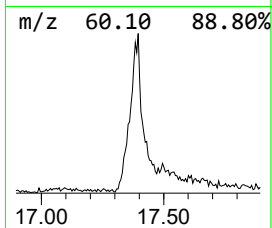
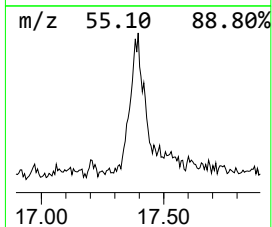
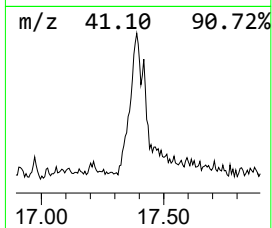
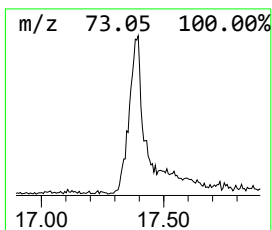
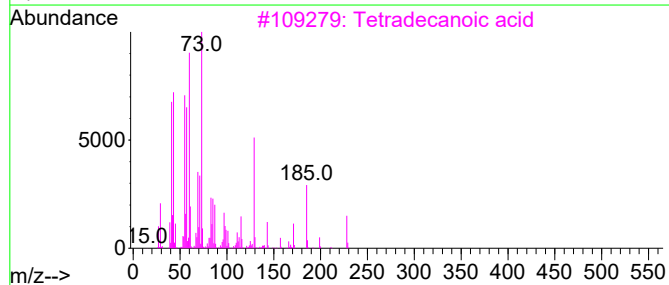
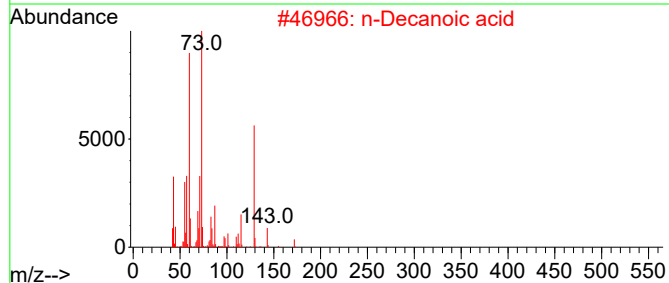
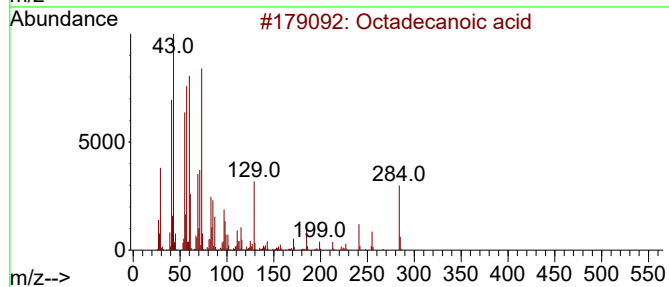
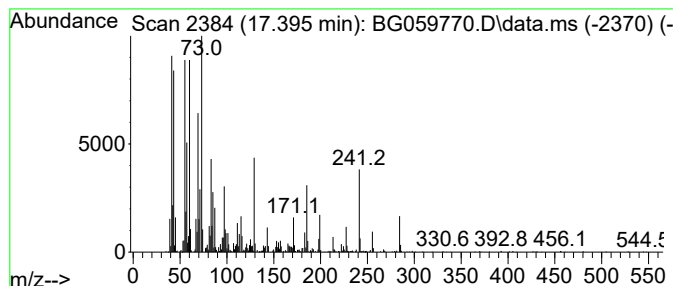
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.395	237.45 ng	4823390	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	90
2		n-Decanoic acid	172	C10H20O2	000334-48-5	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
Data File : BG059770.D
Acq On : 20 Nov 2023 15:46
Operator : MA/JU
Sample : 05359-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EC-48-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.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
Bicyclo[4.2.0]o...	13.283	60.6	ng	579416	3	14.963	191124	20.0
Dodecane, 2,7,1...	13.418	52.5	ng	501378	3	14.963	191124	20.0
Naphthalene, 1,...	13.888	115.5	ng	1103700	3	14.963	191124	20.0
Naphthalene, 1,...	14.140	388.6	ng	3713540	3	14.963	191124	20.0
Naphthalene, 2,...	14.275	137.9	ng	1318200	3	14.963	191124	20.0
unknown14.346	14.346	139.4	ng	1332230	3	14.963	191124	20.0
Benzene, 2-(2-b...	14.440	55.3	ng	528863	3	14.963	191124	20.0
Benzene, (1,4-c...	14.516	133.4	ng	1274530	3	14.963	191124	20.0
Naphthalene, 1-...	14.675	54.7	ng	522691	3	14.963	191124	20.0
unknown15.033	15.033	88.5	ng	845303	3	14.963	191124	20.0
Naphthalene, 1,...	15.151	96.7	ng	924415	3	14.963	191124	20.0
Naphthalene, 1,...	15.333	94.5	ng	903517	3	14.963	191124	20.0
Naphthalene, 2,...	15.415	167.1	ng	1596940	3	14.963	191124	20.0
1-(2,2-Dimethyl...	15.556	125.5	ng	1199150	3	14.963	191124	20.0
3-(2-Methyl-pro...	15.609	84.6	ng	808269	3	14.963	191124	20.0
unknown15.709	15.709	61.1	ng	584032	3	14.963	191124	20.0
Naphthalene, 1,...	15.768	51.9	ng	495484	3	14.963	191124	20.0
unknown16.120	16.120	97.1	ng	927504	3	14.963	191124	20.0
3,3'-Dimethylbi...	17.060	54.8	ng	1113650	4	17.713	406264	20.0
Octadecanoic acid	17.395	237.4	ng	4823390	4	17.713	406264	20.0