

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053251.D
 Acq On : 21 Apr 2022 21:24
 Operator : CG/JU
 Sample : N2480-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-3

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-BG040822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.681	381	390	399	rBV	479492	801572	20.14%	1.970%
2	6.063	450	455	460	rVV2	31604	59119	1.49%	0.145%
3	6.380	500	509	518	rBV5	49242	136512	3.43%	0.336%
4	6.492	523	528	537	rVB3	25783	62993	1.58%	0.155%
5	6.597	539	546	554	rBV6	44219	133206	3.35%	0.327%
6	6.662	554	557	562	rVB	81429	115913	2.91%	0.285%
7	6.750	562	572	574	rBV3	83842	169253	4.25%	0.416%
8	7.003	608	615	623	rVB5	36595	96636	2.43%	0.238%
9	7.103	623	632	638	rBV8	28233	76491	1.92%	0.188%
10	7.273	653	661	673	rVB	564672	1109135	27.86%	2.727%
11	7.443	685	690	695	rVB6	32300	61429	1.54%	0.151%
12	7.502	695	700	704	rVV5	37511	68503	1.72%	0.168%
13	7.567	704	711	714	rVV5	37757	98243	2.47%	0.242%
14	7.602	714	717	726	rVV4	62611	169624	4.26%	0.417%
15	7.678	726	730	741	rVB6	51262	133153	3.34%	0.327%
16	7.937	768	774	780	rBV4	29373	59511	1.49%	0.146%
17	8.025	781	789	790	rBV5	35596	72483	1.82%	0.178%
18	8.113	796	804	810	rVB2	137775	370642	9.31%	0.911%
19	8.183	810	816	822	rVB4	49950	106697	2.68%	0.262%
20	8.301	831	836	841	rVV3	83621	139939	3.52%	0.344%
21	8.371	841	848	850	rVV3	54107	114882	2.89%	0.282%
22	8.407	850	854	860	rVV4	105900	202194	5.08%	0.497%
23	8.465	861	864	872	rVB5	34473	77310	1.94%	0.190%
24	8.612	884	889	893	rVV4	39022	80223	2.02%	0.197%
25	8.683	897	901	909	rVB3	58064	112440	2.82%	0.276%
26	8.959	943	948	953	rBV2	91106	167799	4.22%	0.412%
27	9.223	983	993	997	rBV3	201873	482804	12.13%	1.187%
28	9.276	997	1002	1007	rVV	272391	466209	11.71%	1.146%
29	9.435	1025	1029	1030	rBV	74095	85365	2.14%	0.210%
30	9.582	1045	1054	1062	rBV8	54778	162448	4.08%	0.399%
31	9.699	1064	1074	1078	rBV10	43849	130357	3.27%	0.320%
32	9.752	1078	1083	1088	rBV3	88549	155237	3.90%	0.382%
33	9.852	1095	1100	1104	rVV2	81687	122373	3.07%	0.301%
34	10.005	1117	1126	1130	rBV8	87149	215792	5.42%	0.530%
35	10.046	1130	1133	1138	rVB2	114000	176704	4.44%	0.434%
36	10.110	1138	1144	1150	rBV6	183186	352439	8.85%	0.866%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.328	1175	1181	1185	rBV3	139080	267140	6.71%	0.657%
38	10.504	1206	1211	1221	rBV7	67800	159217	4.00%	0.391%
39	10.621	1226	1231	1235	rBV3	80239	161860	4.07%	0.398%
40	10.709	1240	1246	1251	rBV7	51422	108786	2.73%	0.267%
41	10.786	1255	1259	1261	rBV3	51633	76319	1.92%	0.188%
42	10.815	1262	1264	1272	rVB6	51410	90815	2.28%	0.223%
43	10.927	1272	1283	1291	rBV3	201080	687121	17.26%	1.689%
44	11.038	1298	1302	1305	rBV3	87558	153494	3.86%	0.377%
45	11.080	1305	1309	1314	rVB	232925	374063	9.40%	0.920%
46	11.144	1315	1320	1328	rBV5	103325	191577	4.81%	0.471%
47	11.297	1342	1346	1350	rBV5	55343	101605	2.55%	0.250%
48	11.350	1352	1355	1360	rVV4	56745	101177	2.54%	0.249%
49	11.426	1363	1368	1373	rVB5	97316	180237	4.53%	0.443%
50	11.479	1373	1377	1384	rBV6	38326	90427	2.27%	0.222%
51	11.591	1392	1396	1397	rBV2	70411	90470	2.27%	0.222%
52	11.626	1398	1402	1409	rVB5	239709	470784	11.83%	1.157%
53	11.702	1410	1415	1419	rBV4	68017	120234	3.02%	0.296%
54	11.761	1421	1425	1430	rVB8	59074	102293	2.57%	0.251%
55	11.837	1432	1438	1445	rVB7	100478	251416	6.32%	0.618%
56	11.943	1451	1456	1460	rBV	605236	892547	22.42%	2.194%
57	11.978	1460	1462	1466	rVV4	120798	177688	4.46%	0.437%
58	12.031	1467	1471	1476	rVB3	150005	252454	6.34%	0.621%
59	12.113	1481	1485	1492	rVB6	93676	202896	5.10%	0.499%
60	12.207	1498	1501	1505	rBV3	75212	103030	2.59%	0.253%
61	12.548	1554	1559	1568	rVB5	201391	495411	12.44%	1.218%
62	12.660	1573	1578	1585	rBV7	78618	212376	5.33%	0.522%
63	13.024	1636	1640	1648	rVB3	236118	443905	11.15%	1.091%
64	13.094	1648	1652	1658	rBV8	90271	178442	4.48%	0.439%
65	13.277	1678	1683	1689	rVB	829020	1215413	30.53%	2.988%
66	13.365	1692	1698	1703	rVB	853770	1375220	34.55%	3.381%
67	13.541	1723	1728	1733	rBV6	206220	499006	12.53%	1.227%
68	13.770	1764	1767	1769	rBV3	79831	115874	2.91%	0.285%
69	13.799	1769	1772	1778	rVB6	158048	237905	5.98%	0.585%
70	13.923	1786	1793	1801	rVB2	314053	783944	19.69%	1.927%
71	14.017	1806	1809	1812	rVV3	114786	189618	4.76%	0.466%
72	14.064	1812	1817	1822	rVV	548432	1003486	25.21%	2.467%
73	14.117	1822	1826	1831	rVV	226459	382540	9.61%	0.940%
74	14.169	1831	1835	1839	rVV	323398	504816	12.68%	1.241%
75	14.216	1839	1843	1848	rVB	1199593	1597373	40.13%	3.927%
76	14.299	1854	1857	1861	rVB	174774	216443	5.44%	0.532%

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77	14.422	1876	1878	1882	rBV3	81331	107267	2.69%	0.264%
78	14.469	1883	1886	1888	rBV	101342	141329	3.55%	0.347%
79	14.575	1900	1904	1909	rVB3	379797	568851	14.29%	1.398%
80	14.704	1922	1926	1929	rBV3	259236	466283	11.71%	1.146%
81	14.739	1929	1932	1938	rVB2	338330	567055	14.24%	1.394%
82	14.827	1944	1947	1951	rVB4	135880	170646	4.29%	0.419%
83	15.027	1978	1981	1984	rBV2	112566	165514	4.16%	0.407%
84	15.133	1994	1999	2006	rVB2	454551	750616	18.86%	1.845%
85	15.209	2009	2012	2016	rVV	299858	421759	10.59%	1.037%
86	15.256	2016	2020	2031	rVB6	346670	753723	18.93%	1.853%
87	15.356	2032	2037	2042	rBV	353422	666935	16.75%	1.640%
88	15.409	2042	2046	2050	rVB	248705	349116	8.77%	0.858%
89	15.526	2060	2066	2070	rBV5	274611	626143	15.73%	1.539%
90	15.626	2080	2083	2088	rBV6	113987	201884	5.07%	0.496%
91	15.779	2105	2109	2112	rBV2	199972	311132	7.82%	0.765%
92	15.985	2139	2144	2150	rVB	1031087	1697272	42.64%	4.172%
93	16.196	2177	2180	2182	rBV2	163665	198155	4.98%	0.487%
94	16.231	2182	2186	2191	rVB2	630569	900038	22.61%	2.213%
95	16.466	2218	2226	2231	rBV	2464777	3980922	100.00%	9.786%
96	16.842	2287	2290	2295	rVB3	296754	393326	9.88%	0.967%
97	17.283	2360	2365	2377	rVB	1244216	2176822	54.68%	5.351%
98	17.483	2395	2399	2404	rBV2	370299	714245	17.94%	1.756%
99	17.894	2465	2469	2474	rVB2	435071	622916	15.65%	1.531%
100	20.091	2839	2843	2848	rVB	1376688	1722162	43.26%	4.234%

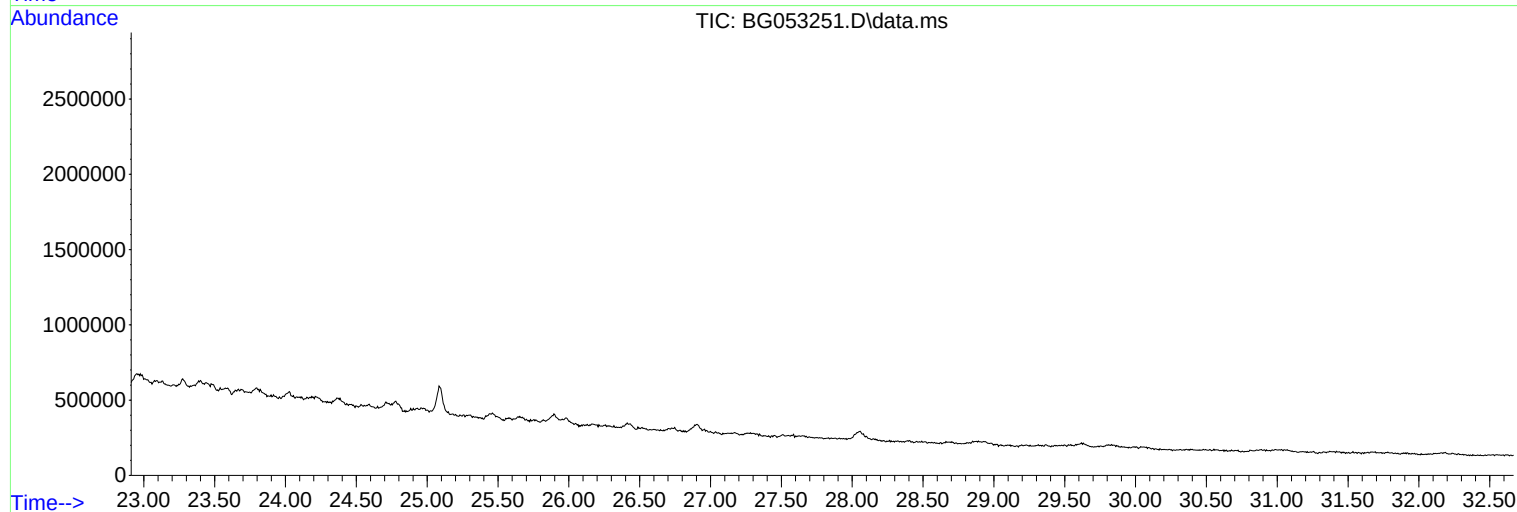
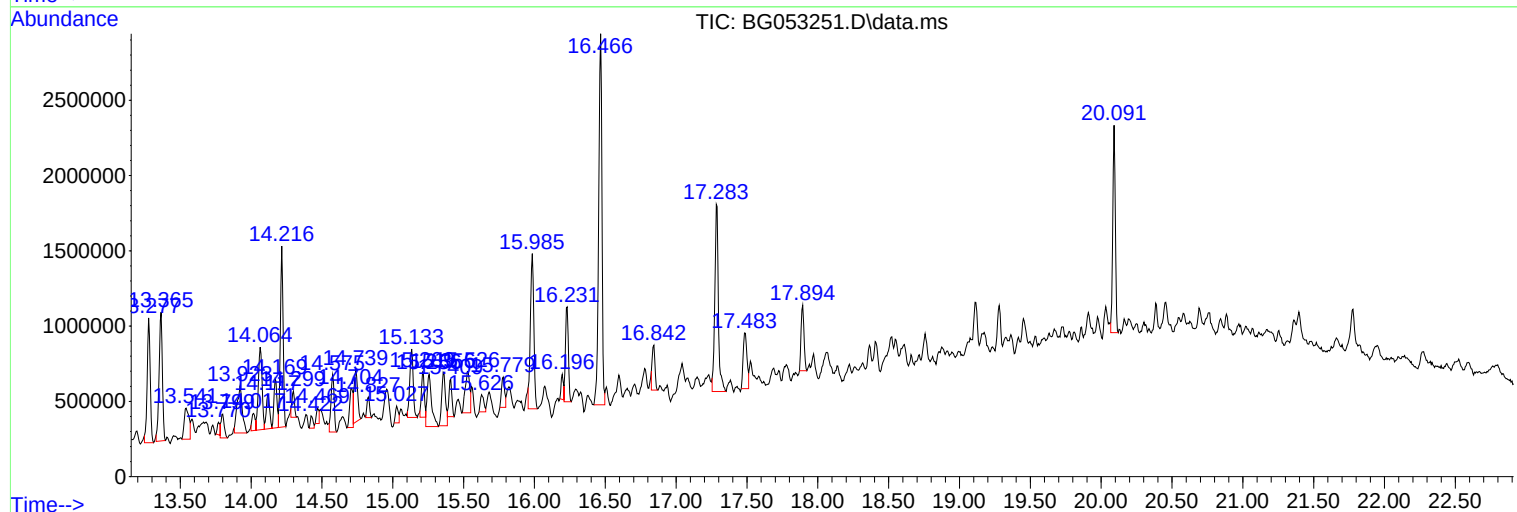
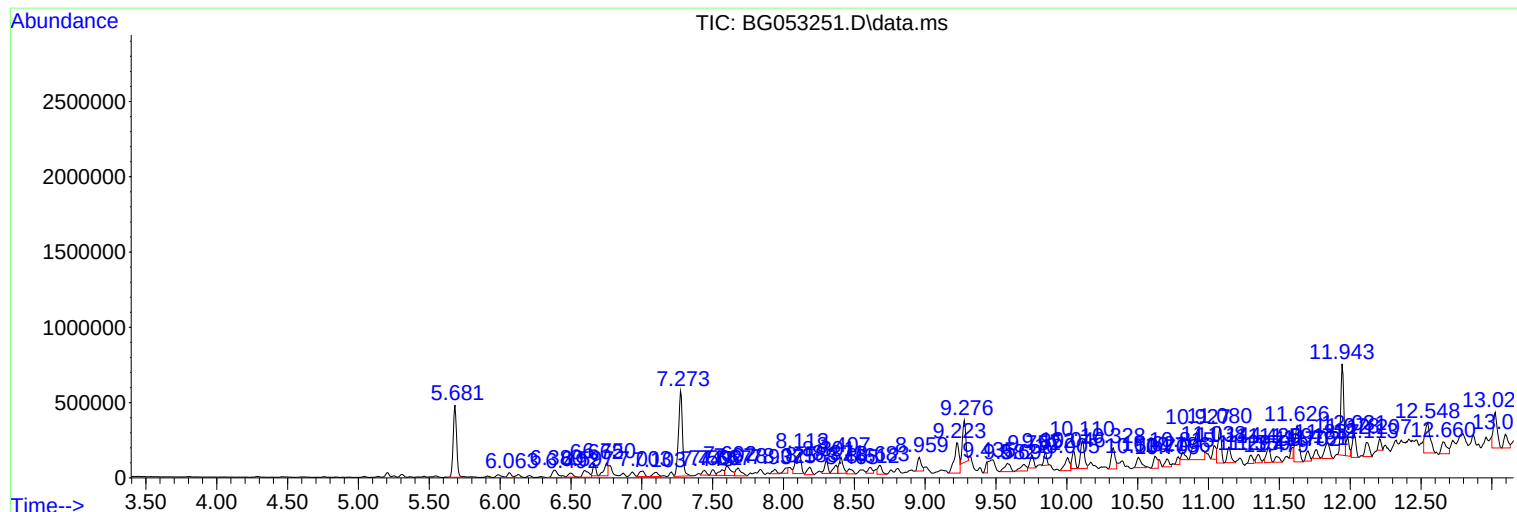
Sum of corrected areas: 40679163

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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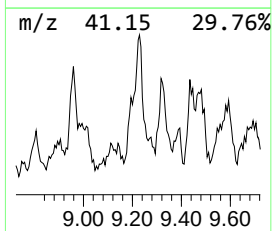
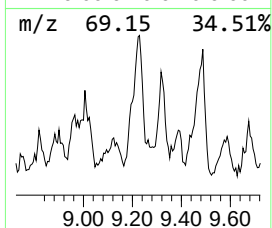
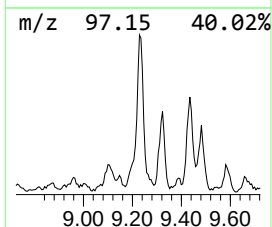
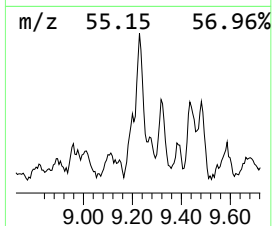
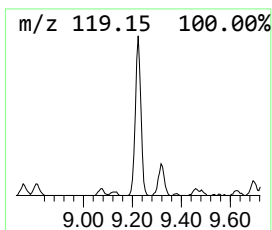
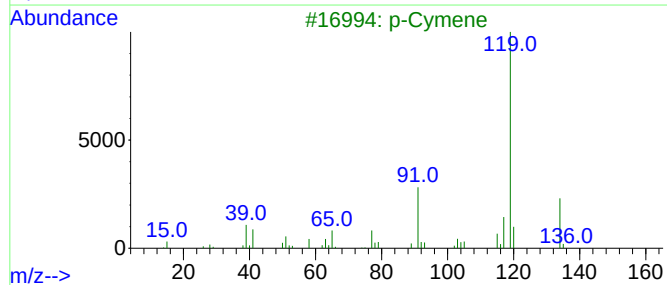
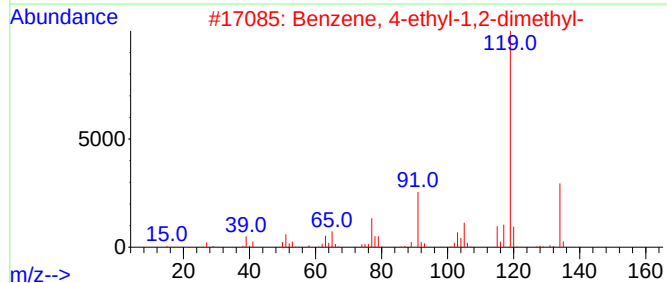
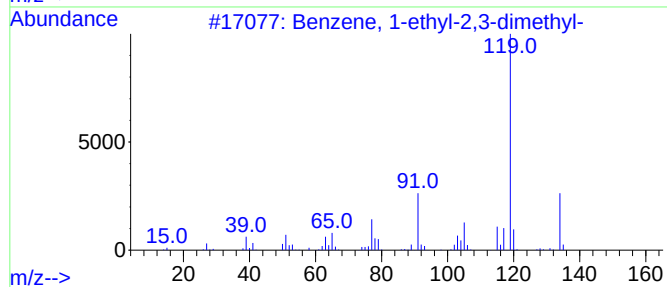
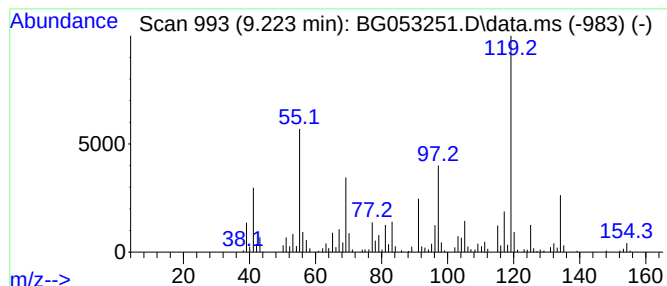
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.223	26.05 ng	482804	1,4-Dichlorobenzene-d4	8.119

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3			p-Cymene	134	C10H14	000099-87-6	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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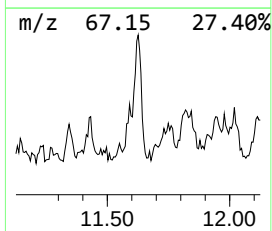
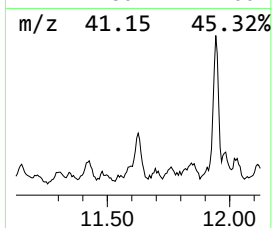
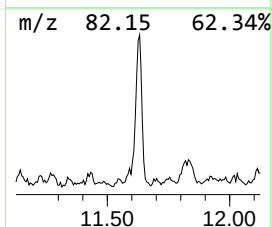
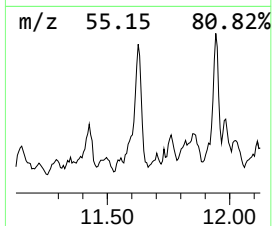
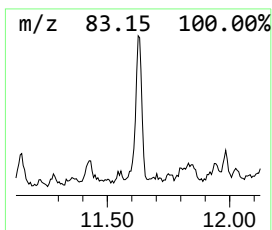
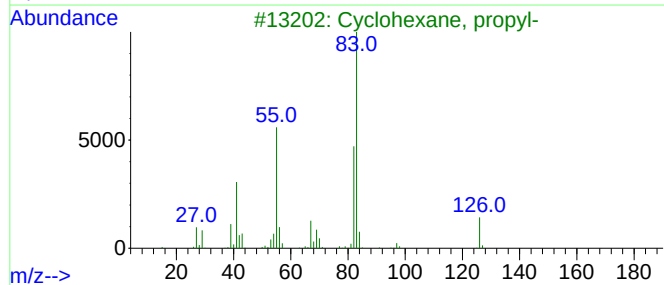
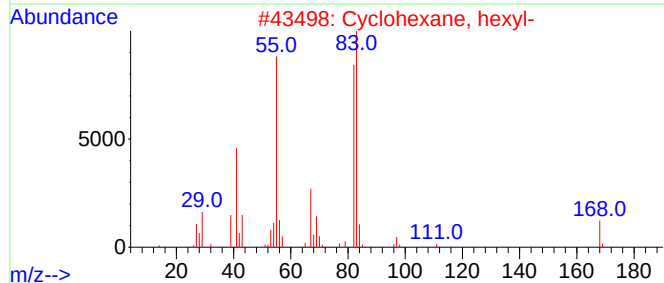
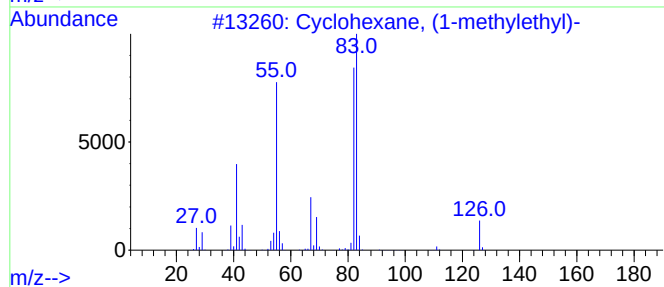
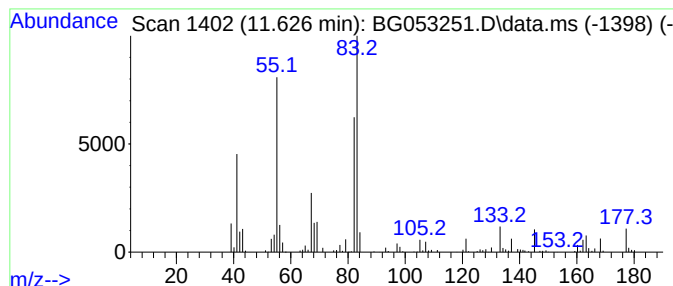
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.626	13.70 ng	470784	Naphthalene-d8	10.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	81
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	59
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	59



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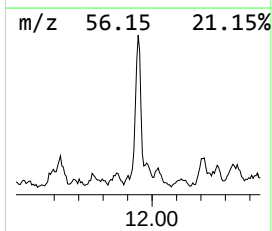
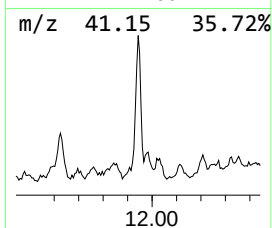
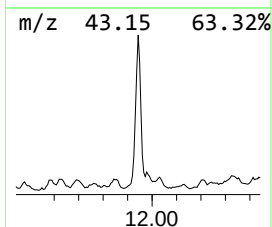
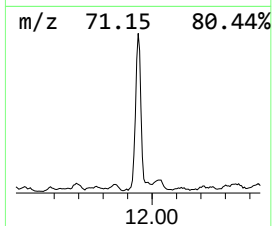
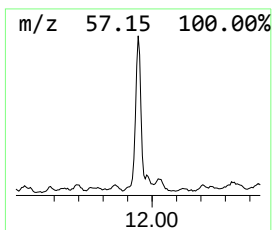
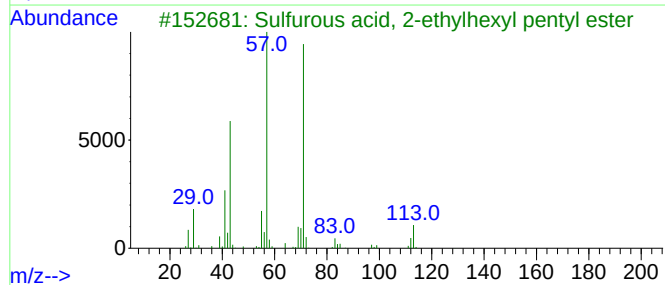
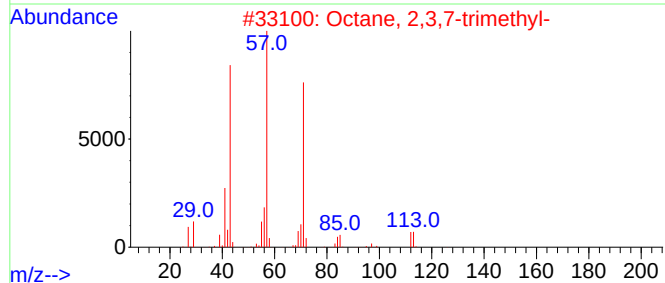
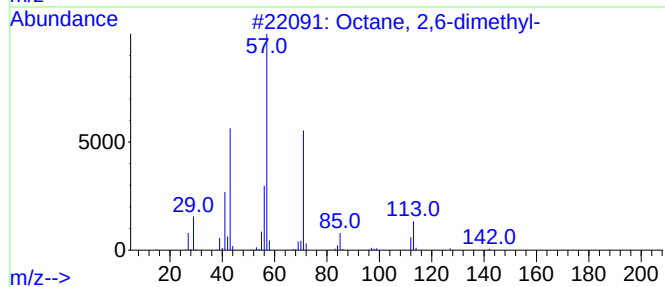
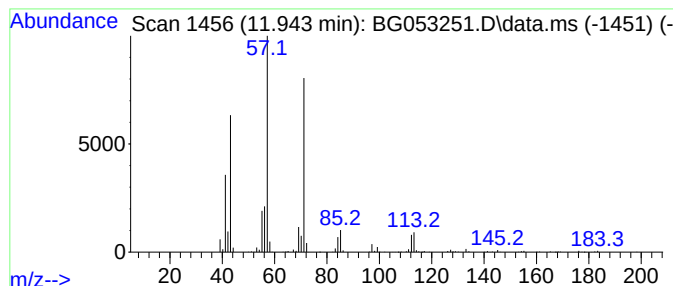
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.943	25.98 ng	892547	Naphthalene-d8	10.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
3			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4			Octane, 2-bromo-	192	C8H17Br	000557-35-7	64
5			Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-16-1A-3

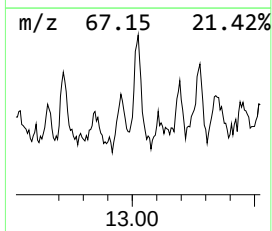
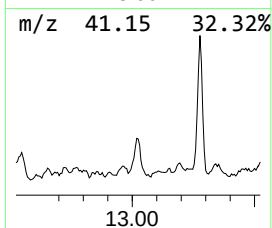
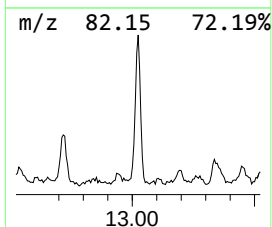
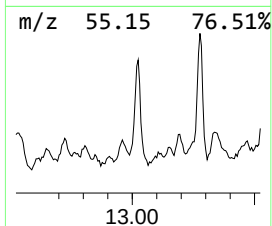
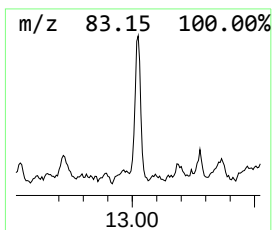
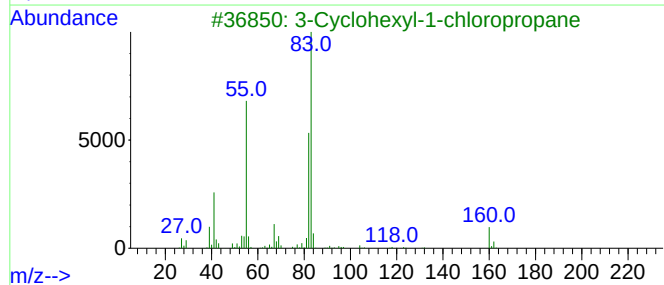
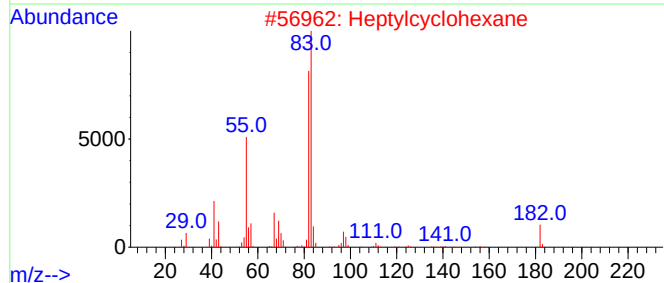
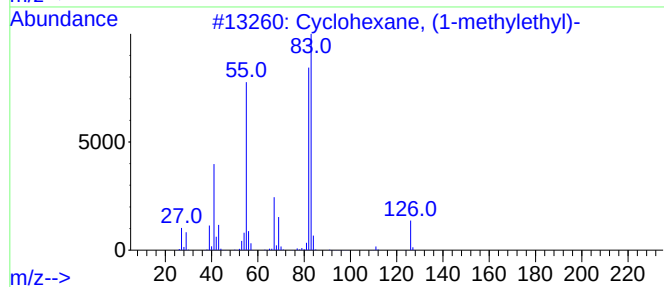
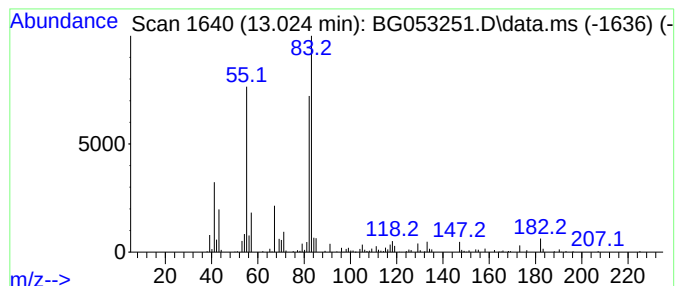
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptylcyclohexane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	15.66 ng	443905	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
2			Heptylcyclohexane	182	C13H26	005617-41-4	72
3			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	59
4			Succinic acid, dec-2-yl trans-he...	340	C20H36O4	1000391-12-0	53
5			Cyclohexane, decyl-	224	C16H32	001795-16-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
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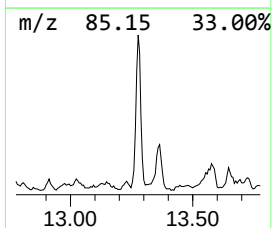
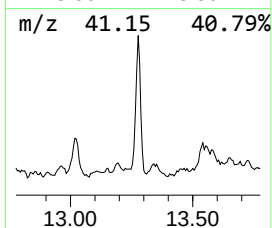
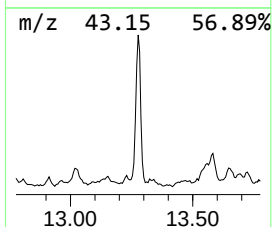
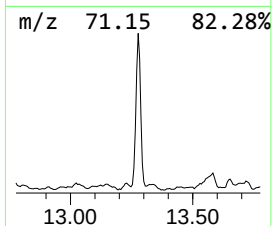
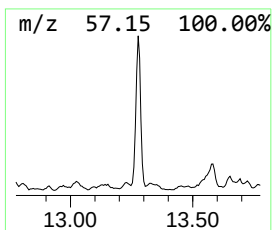
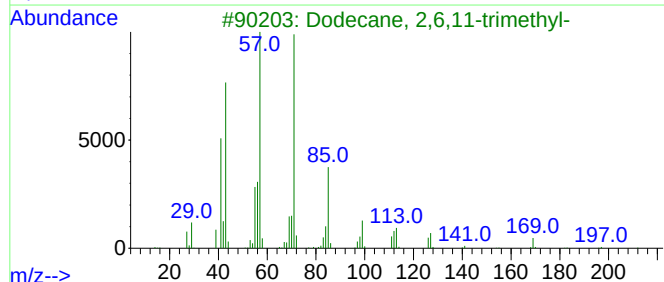
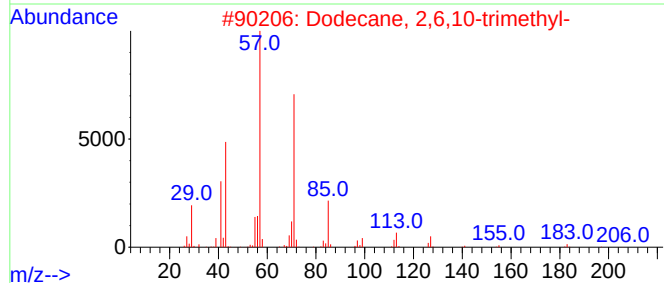
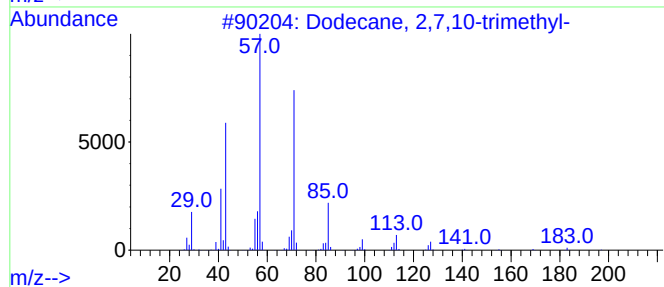
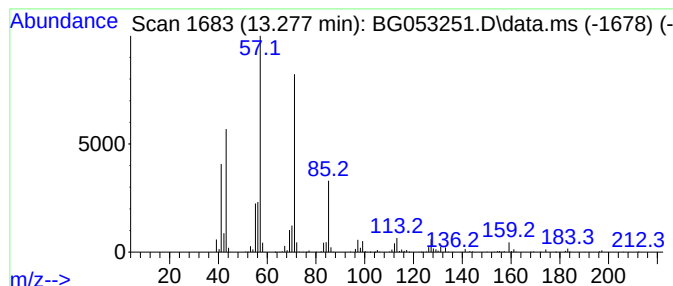
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.277	42.87 ng	1215410	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4			Decane, 5-propyl-	184	C13H28	017312-62-8	72
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
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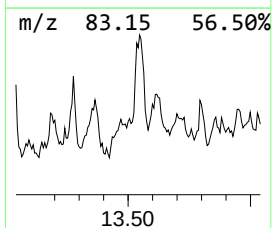
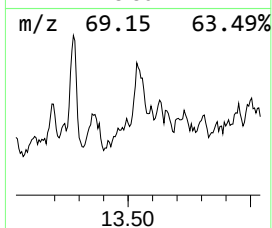
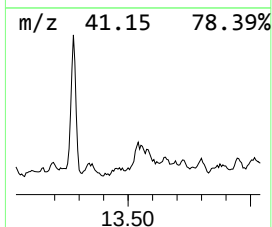
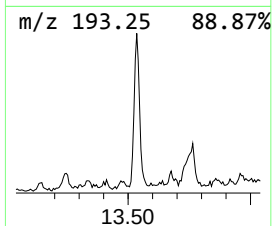
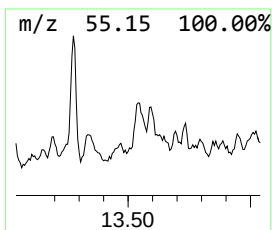
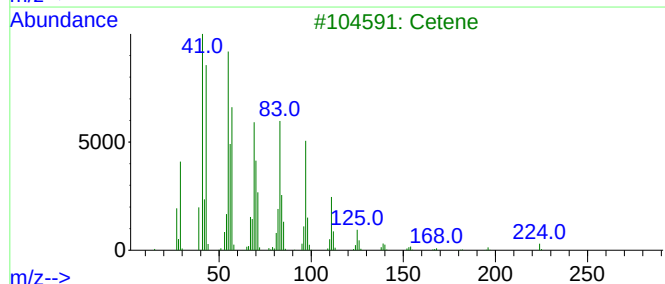
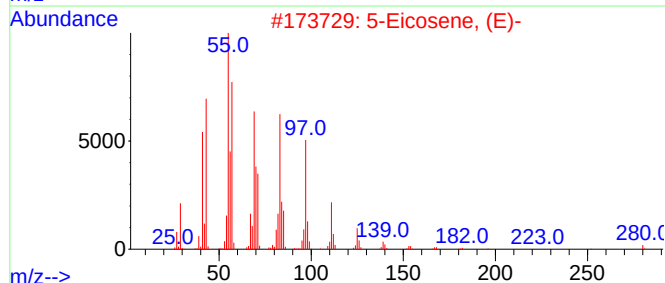
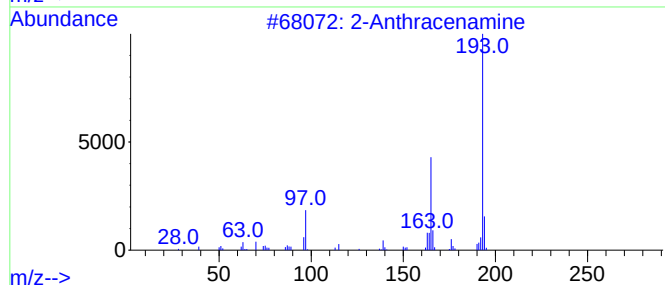
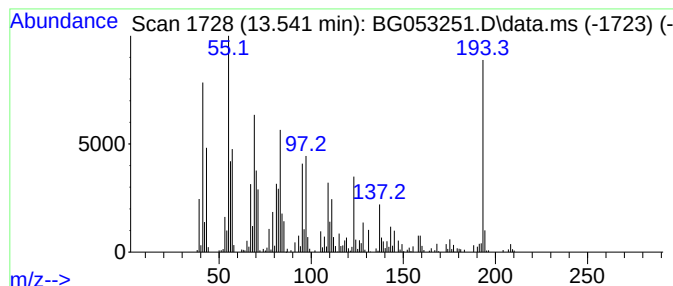
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown13.541 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	17.60 ng	499006	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine			193	C14H11N	000613-13-8	30
2	5-Eicosene, (E)-			280	C20H40	074685-30-6	30
3	Cetene			224	C16H32	000629-73-2	27
4	Cyclopentane, 1,1,3-trimethyl-			112	C8H16	004516-69-2	25
5	Cyclopentane, (2-methylpropyl)-			126	C9H18	003788-32-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
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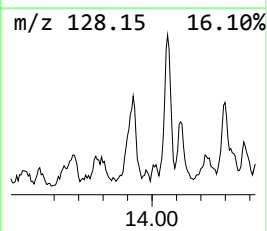
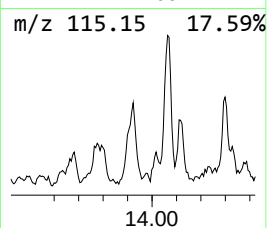
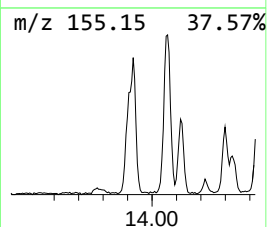
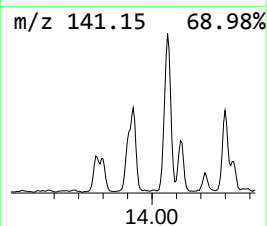
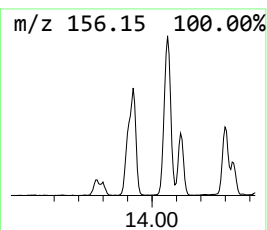
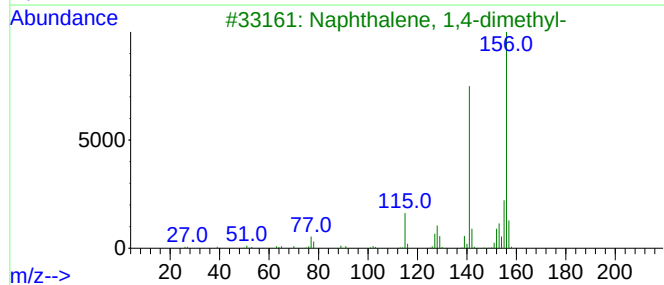
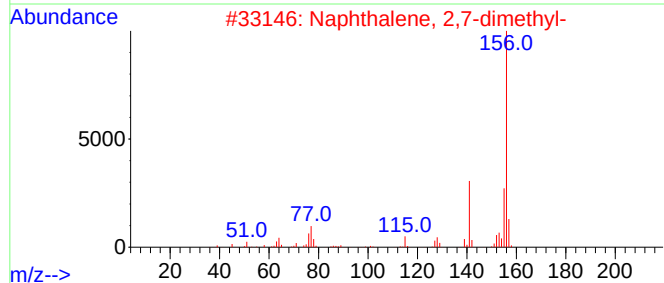
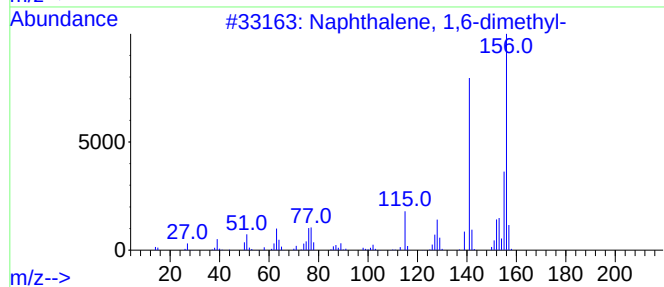
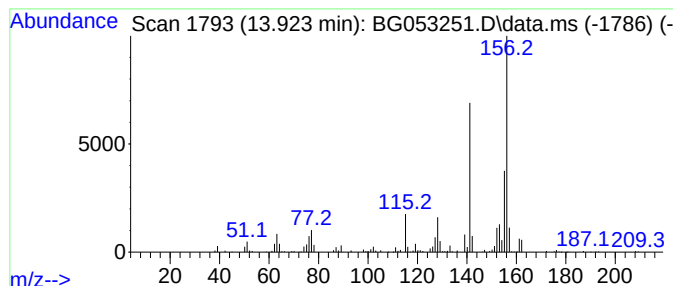
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.923	27.65 ng	783944	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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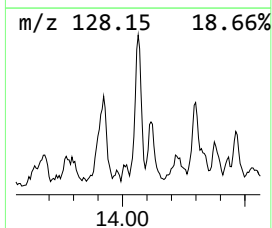
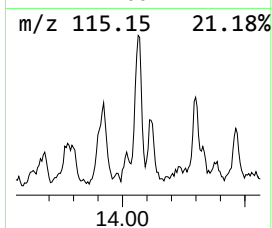
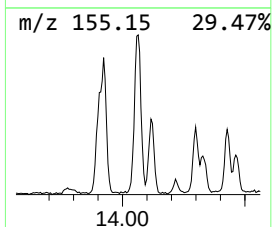
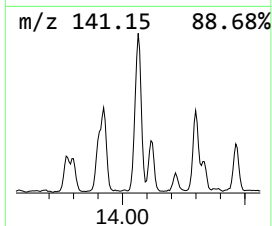
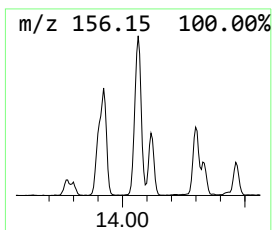
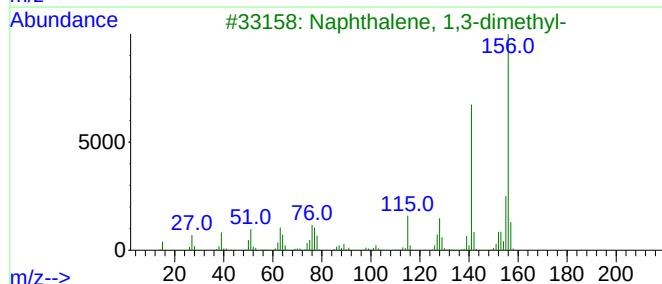
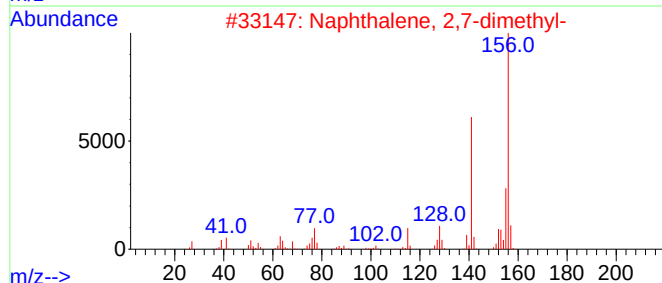
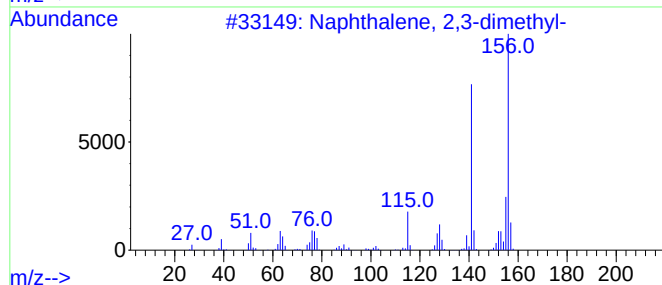
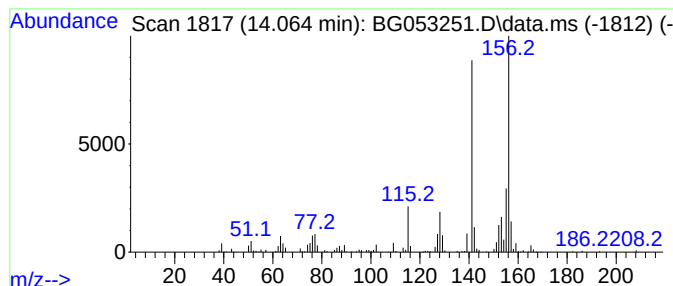
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.064	35.39 ng	1003490	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
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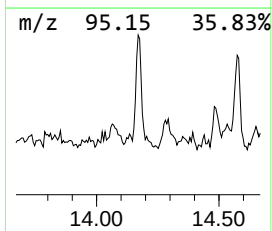
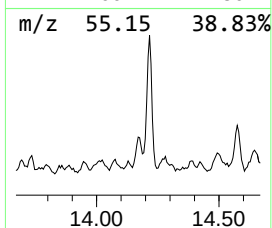
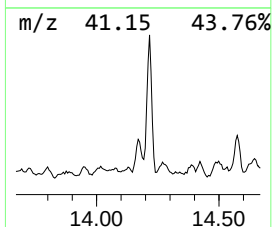
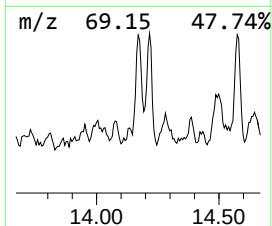
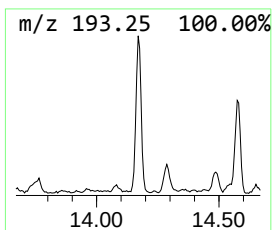
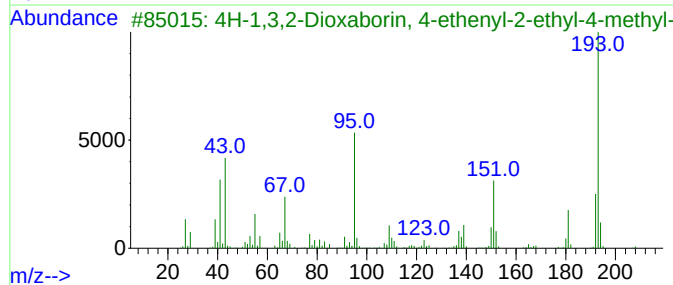
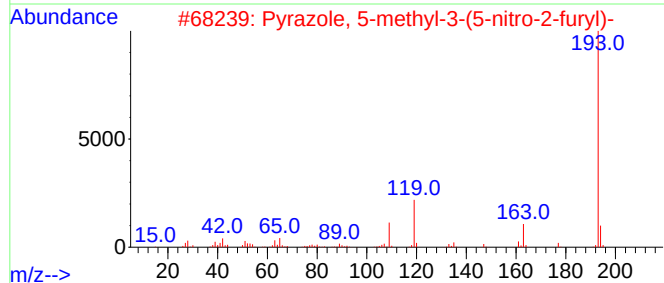
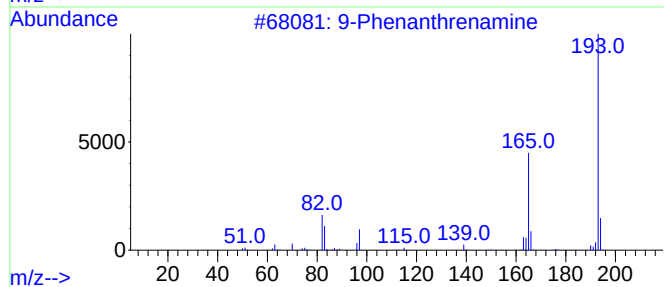
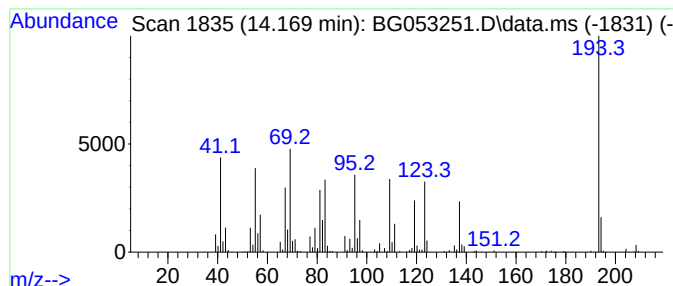
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.169 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	17.80 ng	504816	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Phenanthrenamine			193	C14H11N	000947-73-9	38
2	Pyrazole, 5-methyl-3-(5-nitro-2-...			193	C8H7N3O3	016239-90-0	38
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...			208	C12H21B02	074630-04-9	32
4	2-Anthracenamine			193	C14H11N	000613-13-8	30
5	Decahydro-1,1,4a,5,6-pentamethyl...			208	C15H28	080655-44-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
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Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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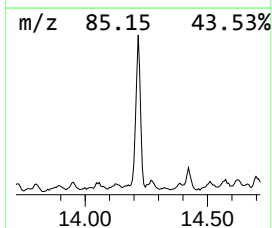
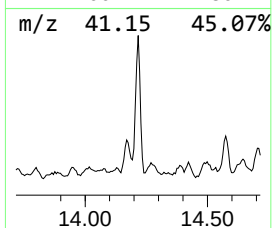
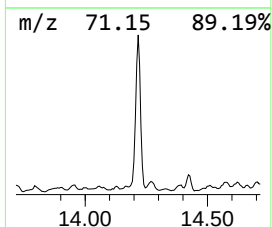
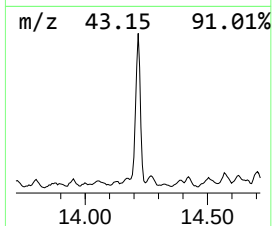
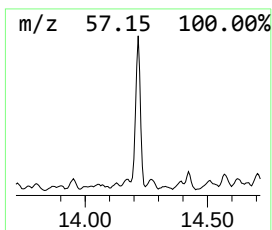
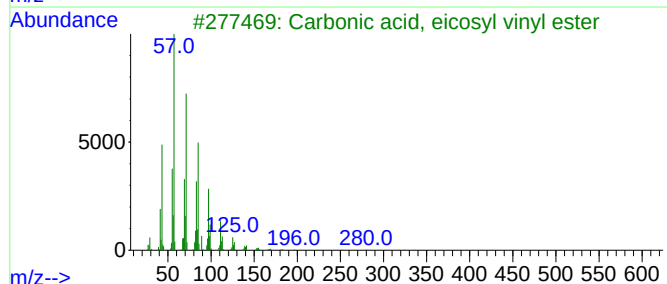
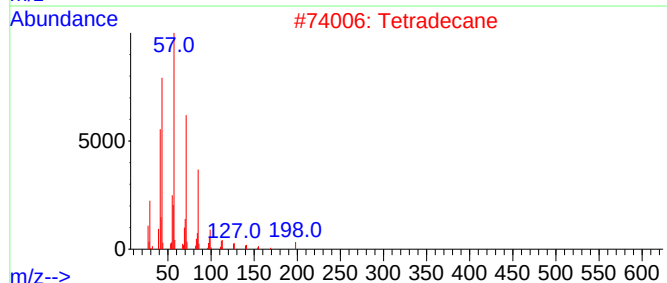
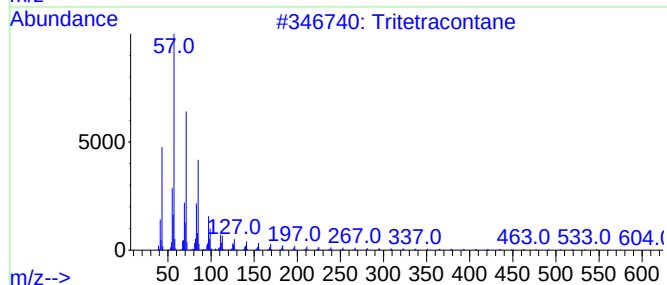
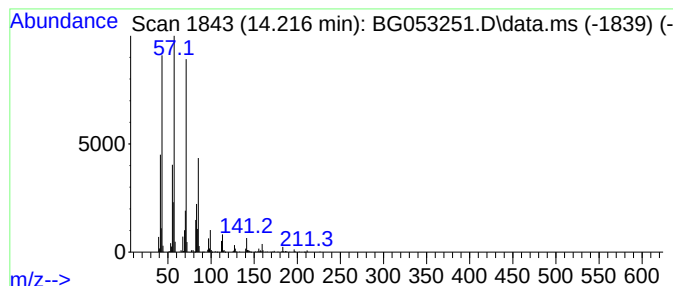
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	56.34 ng	1597370	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	90
2			Tetradecane	198	C14H30	000629-59-4	80
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
4			Decane, 5-propyl-	184	C13H28	017312-62-8	70
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

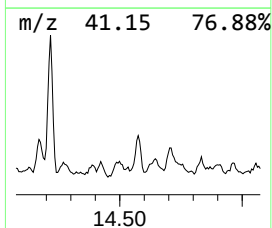
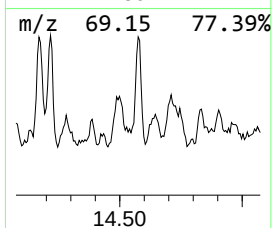
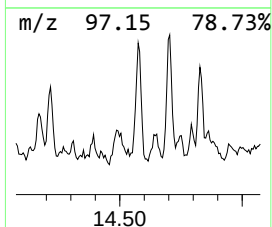
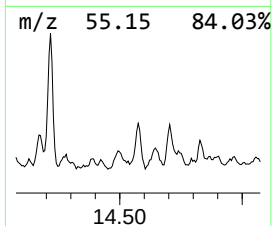
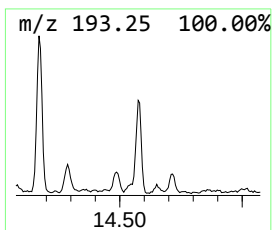
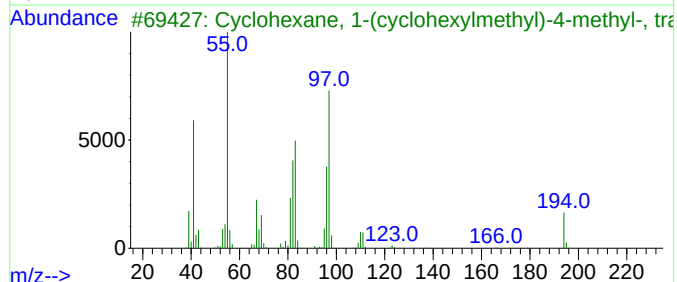
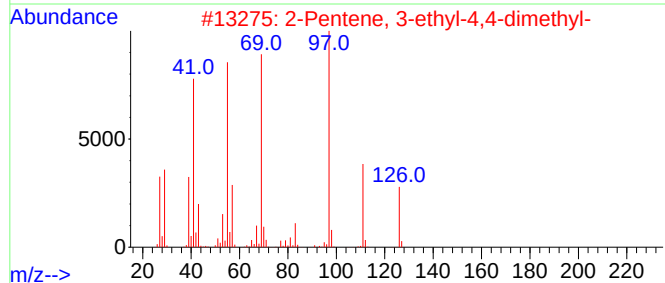
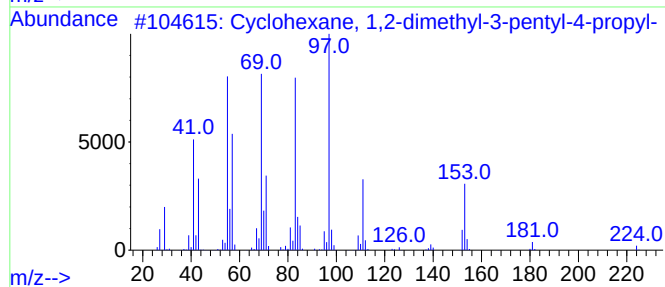
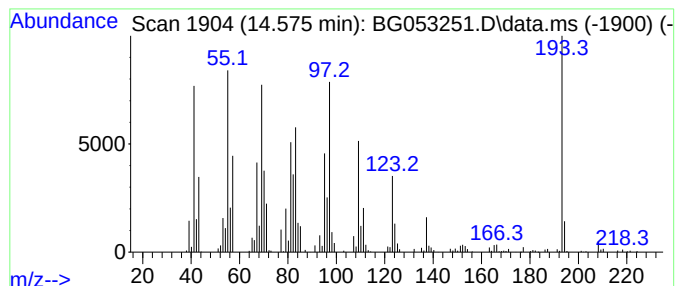
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown14.575 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.575	20.06 ng	568851	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38
2			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
3			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054823-98-2	30
4			3-Heptene, 4-propyl-	140	C10H20	004485-13-6	27
5			Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
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ClientSampleId :
WC-16-1A-3

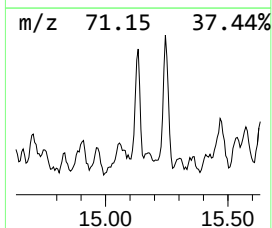
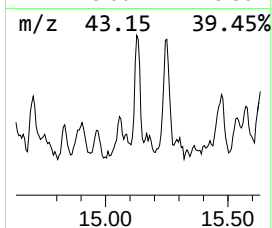
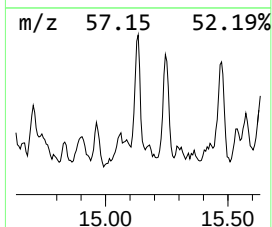
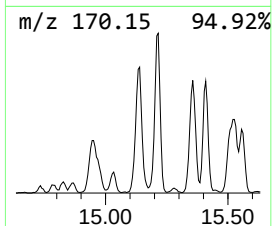
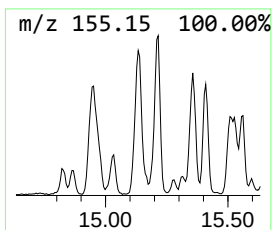
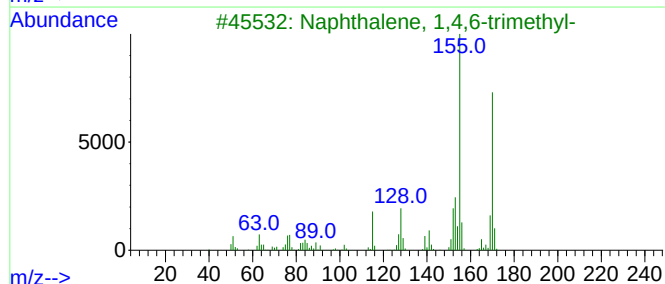
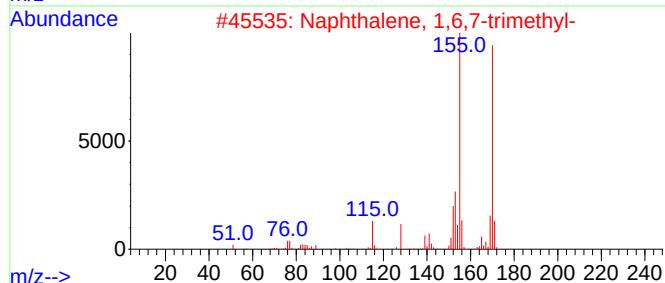
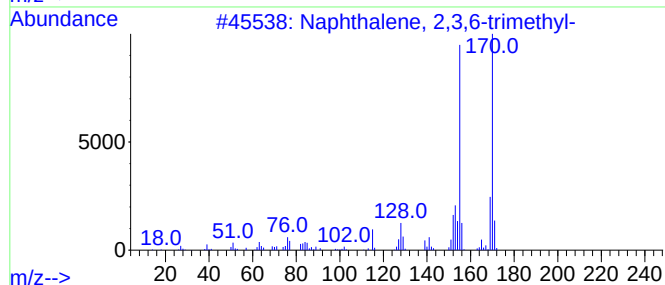
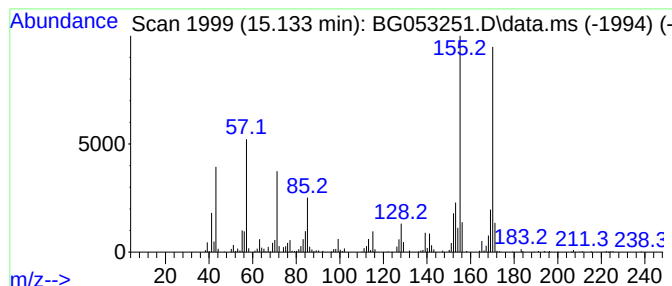
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.133	26.47 ng	750616	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

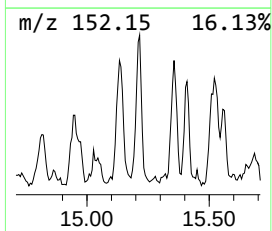
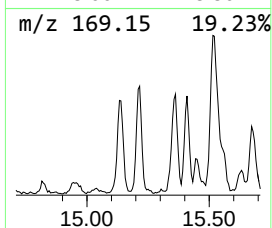
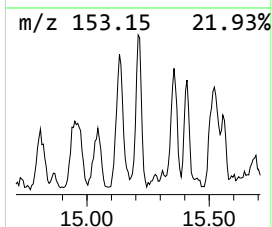
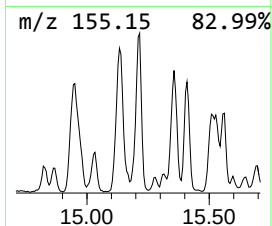
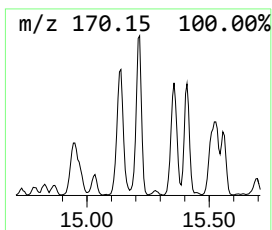
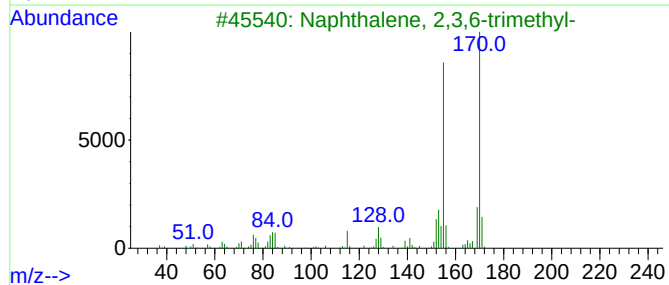
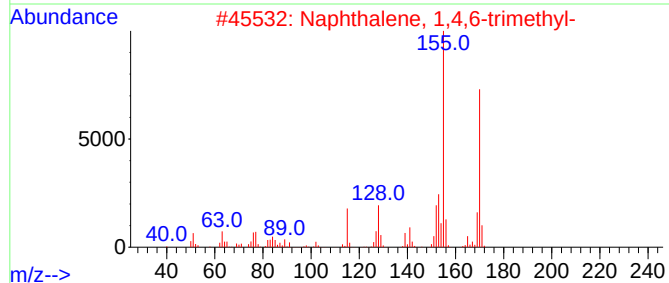
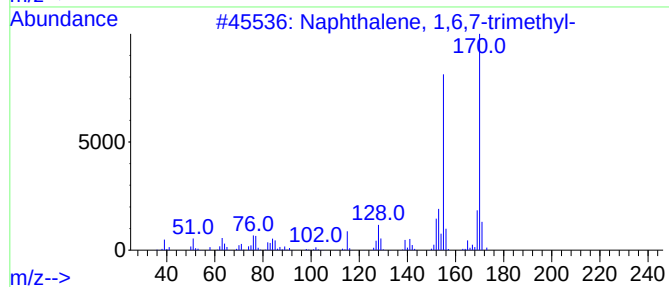
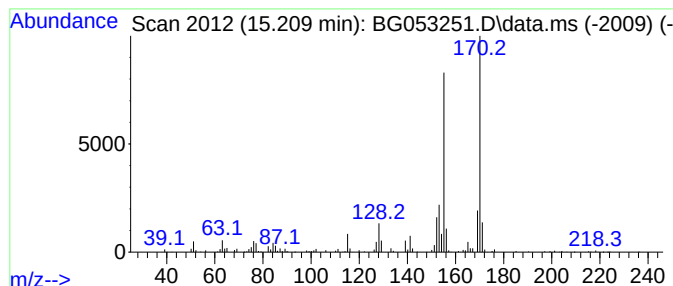
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.209	14.88 ng	421759	Acenaphthene-d10	14.739	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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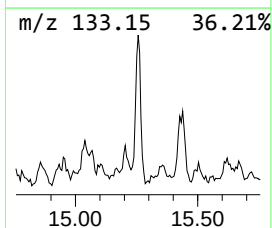
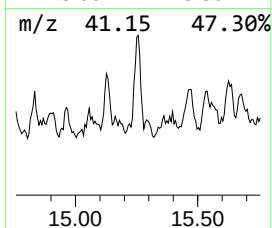
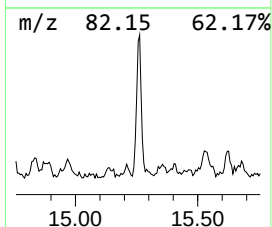
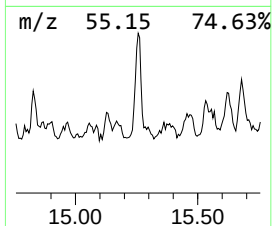
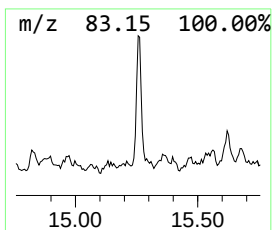
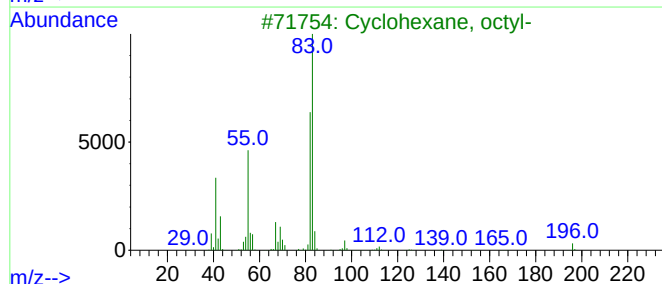
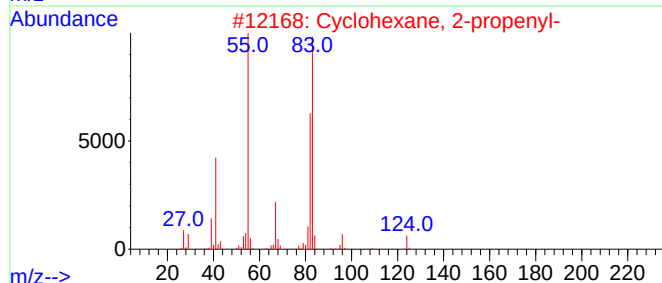
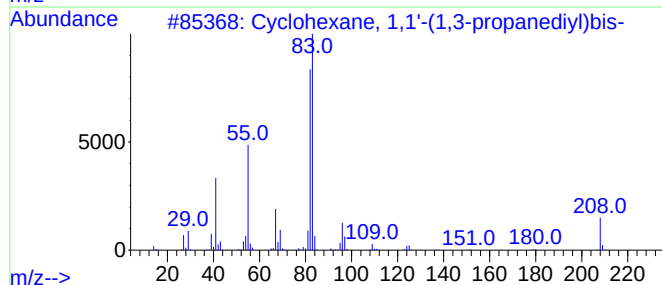
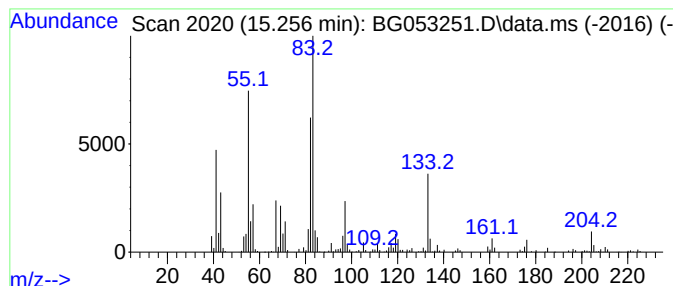
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, 1,1'-(1,3-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.256	26.58 ng	753723	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	76
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	68
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	62
4			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	59
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
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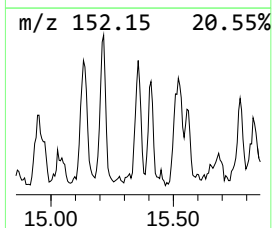
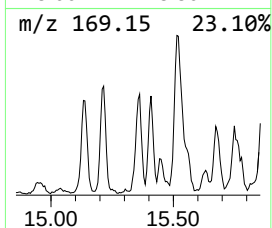
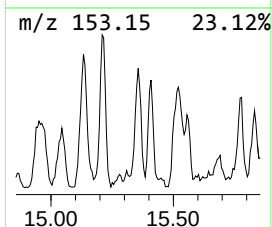
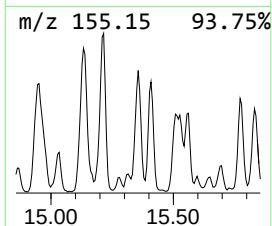
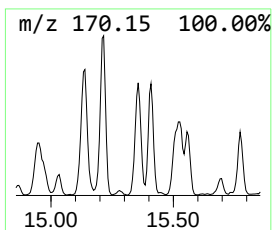
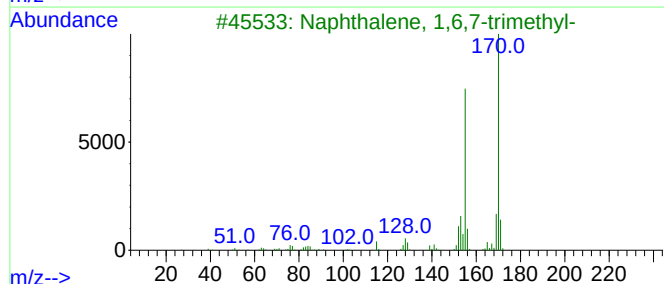
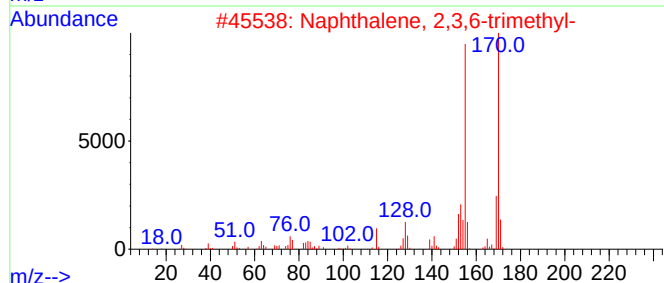
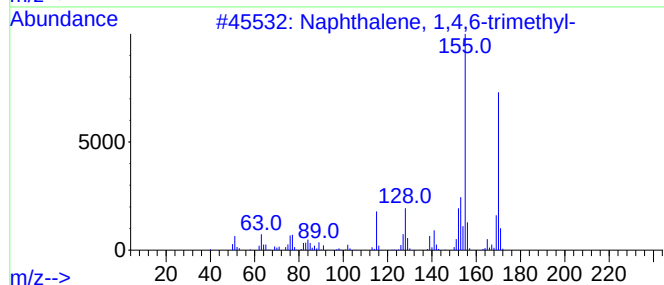
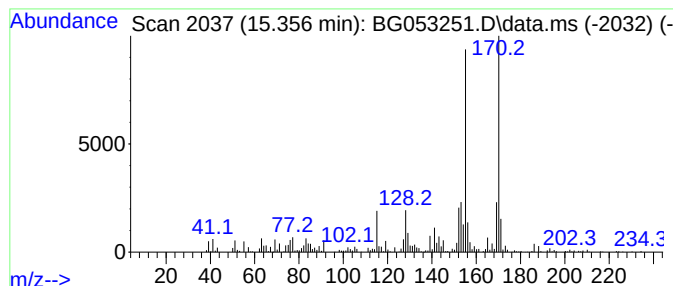
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.356	23.52 ng	666935	Acenaphthene-d10	14.739	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
WC-16-1A-3

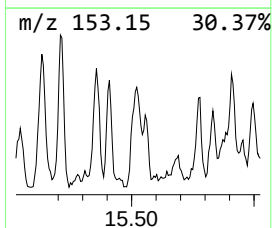
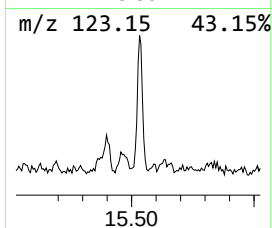
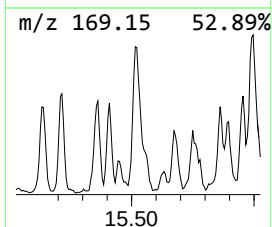
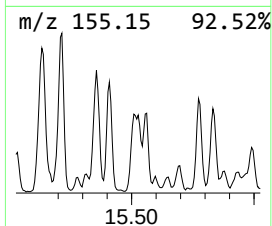
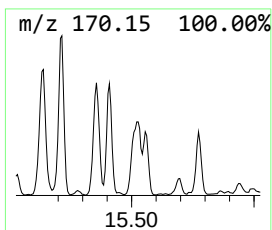
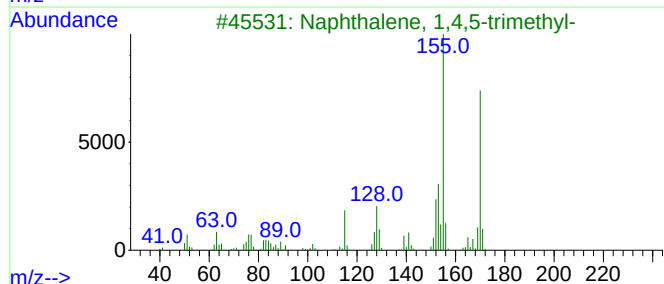
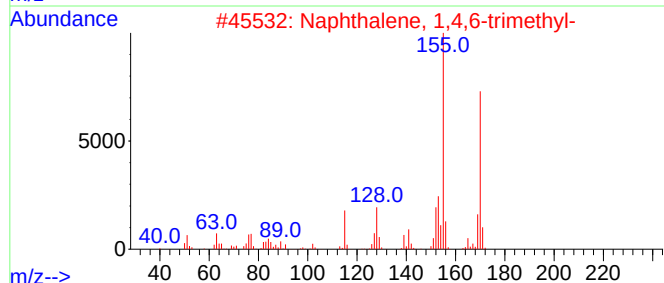
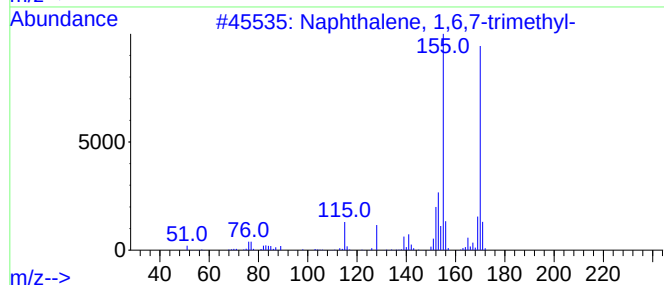
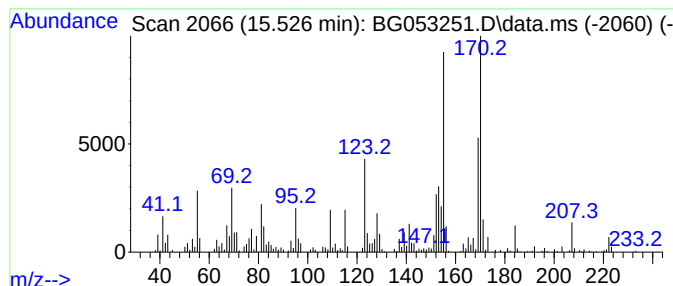
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	22.08 ng	626143	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

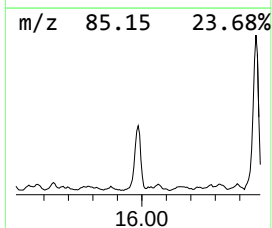
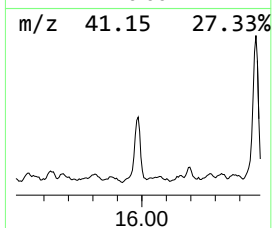
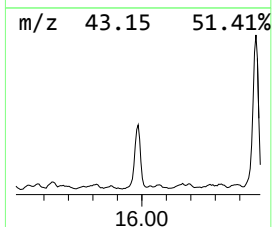
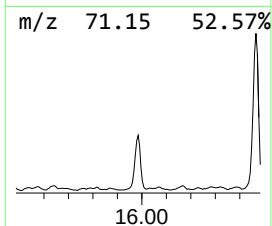
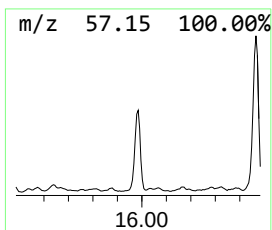
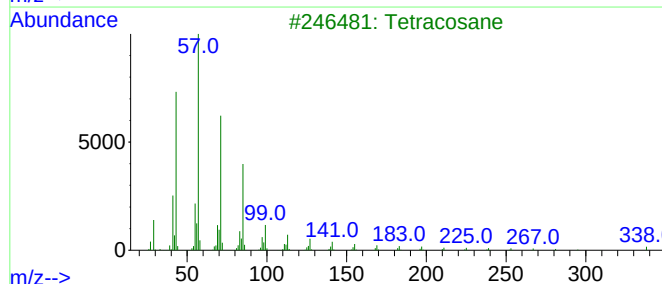
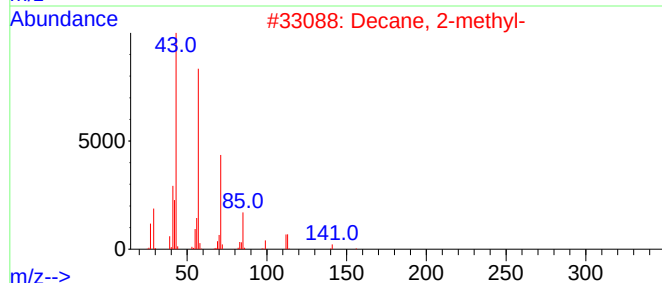
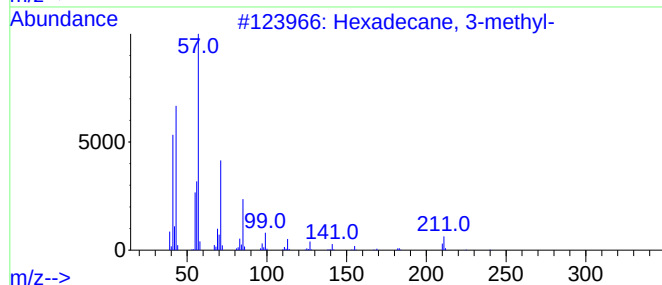
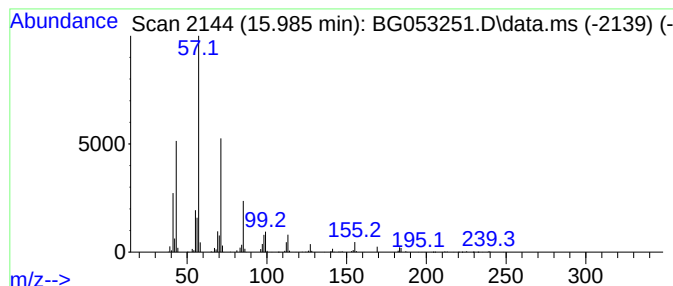
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.985	59.86 ng	1697270	Acenaphthene-d10	14.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	78
2			Decane, 2-methyl-	156	C11H24	006975-98-0	74
3			Tetracosane	338	C24H50	000646-31-1	64
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

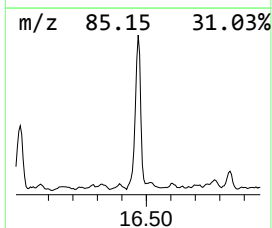
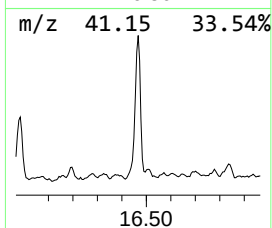
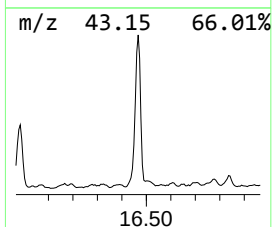
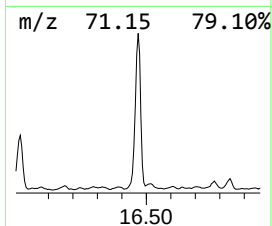
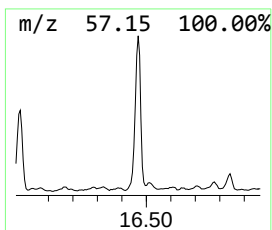
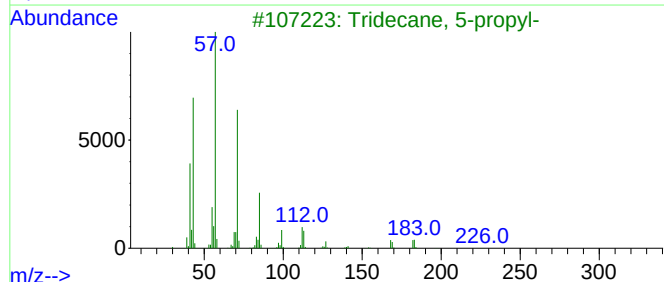
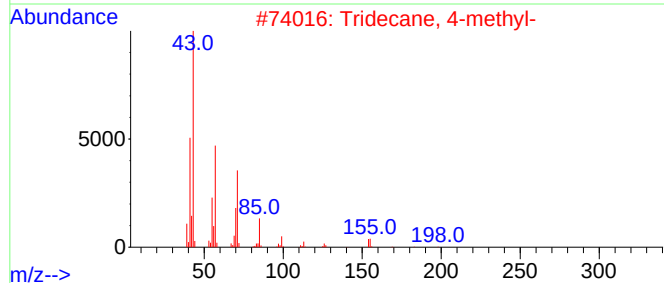
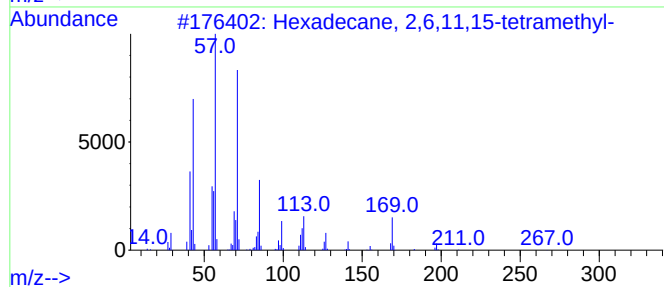
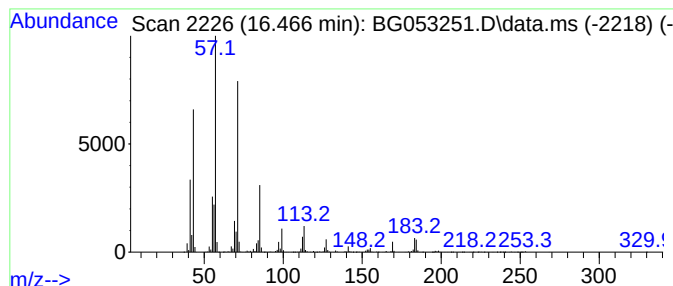
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.466	111.47 ng	3980920	Phenanthrene-d10	17.488

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	91
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-3

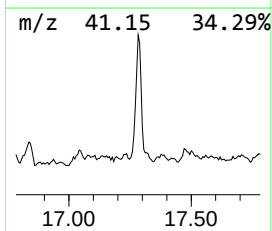
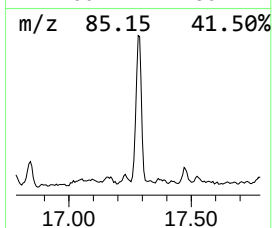
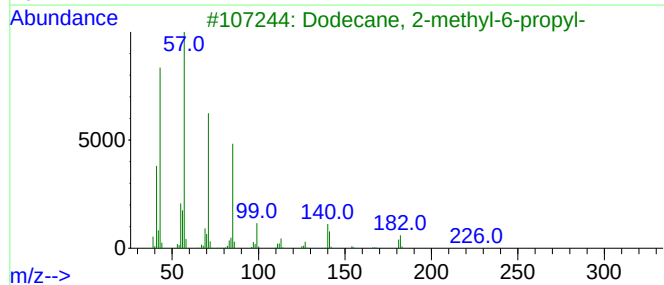
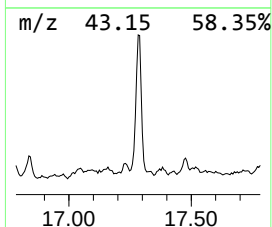
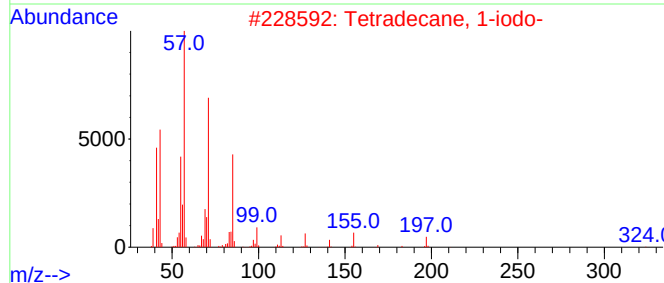
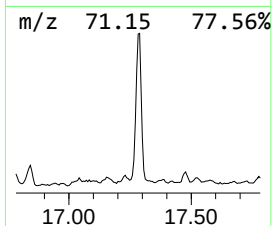
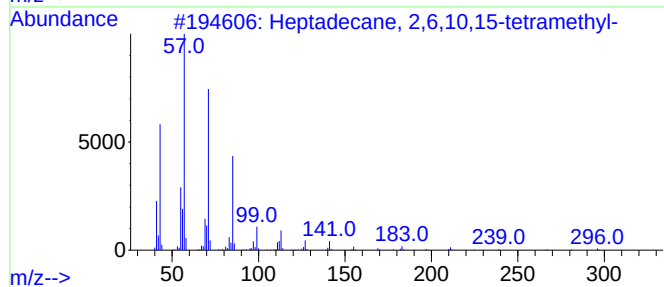
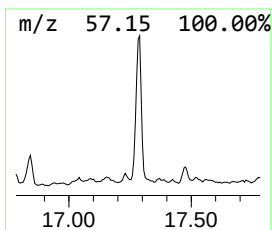
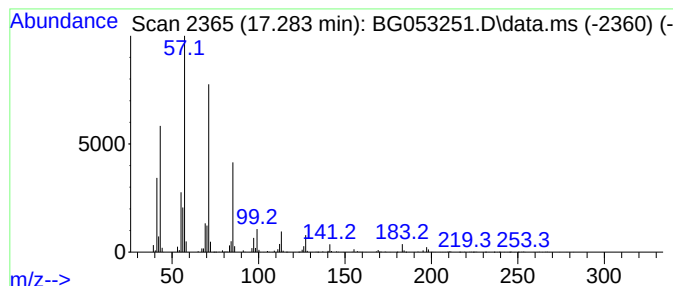
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.283	60.95 ng	2176820	Phenanthrene-d10	17.488

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053251.D
Acq On : 21 Apr 2022 21:24
Operator : CG/JU
Sample : N2480-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

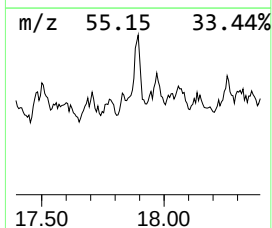
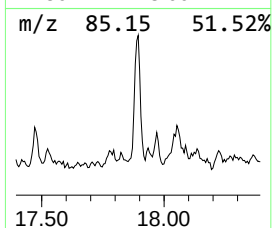
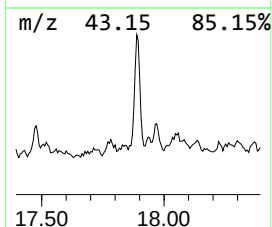
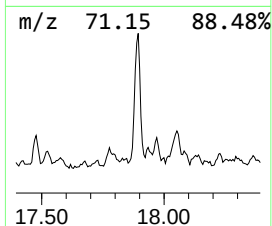
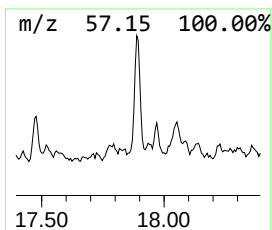
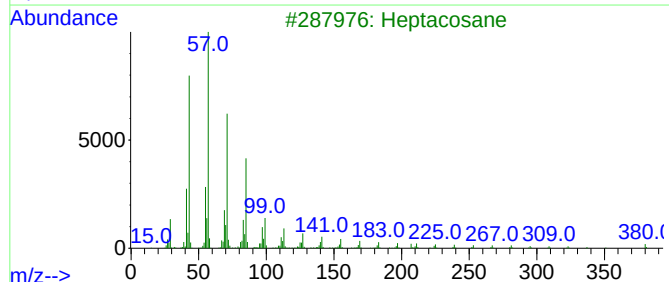
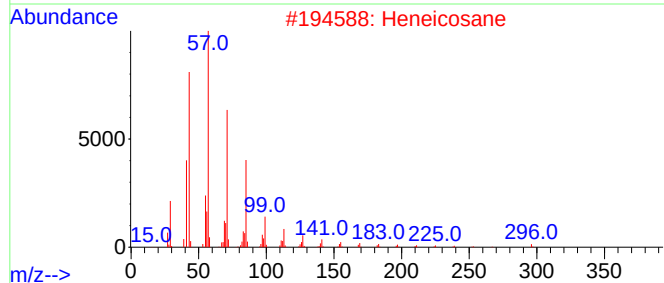
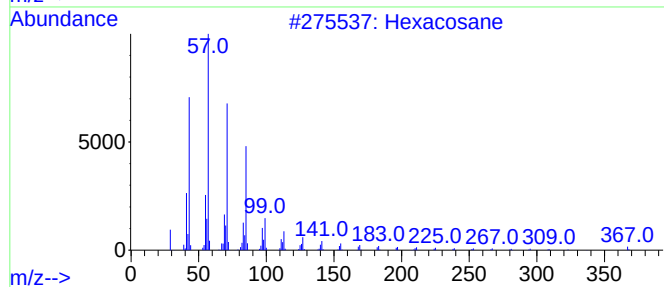
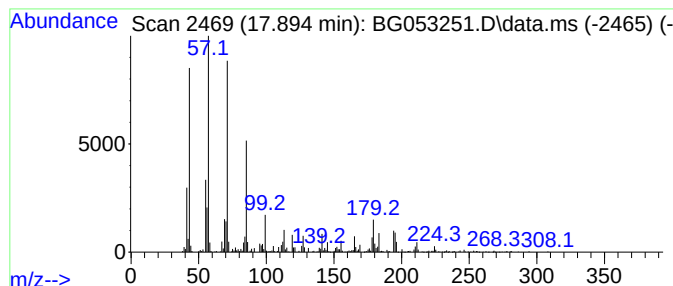
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.894	17.44 ng	622916	Phenanthrene-d10		17.488	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	80
2	Heneicosane		296	C21H44	000629-94-7	74
3	Heptacosane		380	C27H56	000593-49-7	72
4	Octadecane		254	C18H38	000593-45-3	72
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053251.D
 Acq On : 21 Apr 2022 21:24
 Operator : CG/JU
 Sample : N2480-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	9.223	26.1	ng	482804	1	8.119	370642	20.0
Cyclohexane, (1...	11.626	13.7	ng	470784	2	10.927	687121	20.0
Octane, 2,6-dim...	11.943	26.0	ng	892547	2	10.927	687121	20.0
Heptylcyclohexane	13.024	15.7	ng	443905	3	14.739	567055	20.0
Dodecane, 2,7,1...	13.277	42.9	ng	1215410	3	14.739	567055	20.0
unknown13.541	13.541	17.6	ng	499006	3	14.739	567055	20.0
Naphthalene, 1,...	13.923	27.6	ng	783944	3	14.739	567055	20.0
Naphthalene, 2,...	14.064	35.4	ng	1003490	3	14.739	567055	20.0
unknown14.169	14.169	17.8	ng	504816	3	14.739	567055	20.0
Tritetracontane	14.217	56.3	ng	1597370	3	14.739	567055	20.0
unknown14.575	14.575	20.1	ng	568851	3	14.739	567055	20.0
Naphthalene, 2,...	15.133	26.5	ng	750616	3	14.739	567055	20.0
Naphthalene, 1,...	15.209	14.9	ng	421759	3	14.739	567055	20.0
Cyclohexane, 1,...	15.256	26.6	ng	753723	3	14.739	567055	20.0
Naphthalene, 1,...	15.356	23.5	ng	666935	3	14.739	567055	20.0
Naphthalene, 1,...	15.527	22.1	ng	626143	3	14.739	567055	20.0
Hexadecane, 3-m...	15.985	59.9	ng	1697270	3	14.739	567055	20.0
Hexadecane, 2,6...	16.466	111.5	ng	3980920	4	17.488	714245	20.0
Heptadecane, 2,...	17.283	61.0	ng	2176820	4	17.488	714245	20.0
Hexacosane	17.894	17.4	ng	622916	4	17.488	714245	20.0