

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057525.D
 Acq On : 23 May 2023 18:41
 Operator : CG/JU
 Sample : 02892-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-32

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-BG042723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.388	308	315	321	rBV2	16837	26544	1.28%	0.103%
2	5.875	391	398	407	rBV	279552	468422	22.55%	1.812%
3	7.502	665	675	691	rVB	304041	562245	27.06%	2.175%
4	8.301	806	811	815	rVV2	34220	58157	2.80%	0.225%
5	8.354	815	820	835	rVB	82140	171075	8.23%	0.662%
6	8.519	843	848	854	rBV6	16503	28596	1.38%	0.111%
7	8.630	863	867	875	rBV4	12962	23212	1.12%	0.090%
8	8.842	899	903	907	rBV5	11924	25146	1.21%	0.097%
9	8.912	912	915	923	rVB3	18319	34963	1.68%	0.135%
10	9.024	924	934	937	rBV7	8286	23427	1.13%	0.091%
11	9.200	958	964	969	rBV3	37033	78595	3.78%	0.304%
12	9.464	997	1009	1015	rBV4	55111	151488	7.29%	0.586%
13	9.541	1015	1022	1030	rVB	189648	390963	18.82%	1.512%
14	9.688	1039	1047	1050	rBV7	24721	71398	3.44%	0.276%
15	9.817	1062	1069	1078	rVB7	34663	94247	4.54%	0.365%
16	9.911	1078	1085	1091	rBV8	22706	67272	3.24%	0.260%
17	9.987	1092	1098	1105	rVV3	66905	135626	6.53%	0.525%
18	10.058	1105	1110	1112	rVV3	24253	42316	2.04%	0.164%
19	10.099	1112	1117	1125	rVB3	68783	136105	6.55%	0.527%
20	10.216	1131	1137	1140	rBV5	27976	58898	2.83%	0.228%
21	10.281	1141	1148	1153	rVB4	37066	84103	4.05%	0.325%
22	10.357	1157	1161	1166	rBV3	85187	154270	7.43%	0.597%
23	10.487	1179	1183	1192	rVB9	15783	36548	1.76%	0.141%
24	10.580	1193	1199	1205	rBV4	52364	112054	5.39%	0.433%
25	10.751	1218	1228	1234	rBV9	34014	102577	4.94%	0.397%
26	10.874	1243	1249	1256	rBV3	49097	109054	5.25%	0.422%
27	10.951	1257	1262	1267	rBV5	29309	63437	3.05%	0.245%
28	11.062	1277	1281	1286	rBV5	29958	58610	2.82%	0.227%
29	11.197	1299	1304	1309	rBV2	96981	162476	7.82%	0.629%
30	11.309	1317	1323	1329	rVB2	235221	436399	21.01%	1.688%
31	11.385	1329	1336	1342	rBV6	84926	206190	9.92%	0.798%
32	11.538	1356	1362	1366	rBV8	31811	70651	3.40%	0.273%
33	11.603	1369	1373	1377	rVV2	42880	72811	3.50%	0.282%
34	11.661	1377	1383	1388	rVB4	65326	137366	6.61%	0.531%
35	11.867	1411	1418	1428	rVB8	121048	289036	13.91%	1.118%
36	11.996	1435	1440	1448	rVB9	42416	96389	4.64%	0.373%

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37	12.090	1448	1456	1461	rBV5	79976	185956	8.95%	0.719%
38	12.161	1463	1468	1472	rVV	285727	405837	19.53%	1.570%
39	12.214	1472	1477	1481	rVV5	72510	153556	7.39%	0.594%
40	12.272	1482	1487	1492	rVB5	73634	151557	7.29%	0.586%
41	12.360	1498	1502	1507	rBV4	86841	146910	7.07%	0.568%
42	12.490	1521	1524	1528	rVB2	41201	55091	2.65%	0.213%
43	12.548	1530	1534	1536	rBV2	53064	82640	3.98%	0.320%
44	12.678	1554	1556	1559	rBV4	30967	33714	1.62%	0.130%
45	12.766	1564	1571	1578	rVB4	131046	325653	15.67%	1.260%
46	12.901	1590	1594	1598	rVB6	74651	116239	5.60%	0.450%
47	12.960	1599	1604	1610	rBV6	64950	175254	8.44%	0.678%
48	13.059	1618	1621	1626	rVB3	130426	210116	10.11%	0.813%
49	13.242	1648	1652	1660	rVB4	125792	232988	11.21%	0.901%
50	13.424	1681	1683	1687	rVB4	71054	90723	4.37%	0.351%
51	13.482	1688	1693	1698	rBV	467023	718701	34.59%	2.780%
52	13.600	1707	1713	1717	rBV	448538	704079	33.89%	2.724%
53	13.676	1724	1726	1731	rVB6	43656	56691	2.73%	0.219%
54	13.759	1735	1740	1741	rBV2	152368	217316	10.46%	0.841%
55	13.853	1752	1756	1759	rBV4	74461	125514	6.04%	0.486%
56	14.152	1800	1807	1813	rBV5	167981	400102	19.26%	1.548%
57	14.293	1826	1831	1836	rBV	240388	438168	21.09%	1.695%
58	14.346	1837	1840	1844	rVV2	160731	247288	11.90%	0.957%
59	14.411	1844	1851	1856	rVB3	672951	1465379	70.53%	5.669%
60	14.616	1883	1886	1890	rVB2	123098	156636	7.54%	0.606%
61	14.651	1890	1892	1895	rBV3	42379	53913	2.60%	0.209%
62	14.704	1896	1901	1906	rVV5	221104	419560	20.19%	1.623%
63	14.798	1913	1917	1922	rVB3	282973	460420	22.16%	1.781%
64	14.939	1938	1941	1945	rBV5	84027	156431	7.53%	0.605%
65	15.168	1975	1980	1989	rBV3	192780	522318	25.14%	2.021%
66	15.251	1989	1994	2001	rBV4	125467	330993	15.93%	1.280%
67	15.321	2002	2006	2008	rVV2	134434	212365	10.22%	0.822%
68	15.356	2008	2012	2019	rVV	322980	572260	27.54%	2.214%
69	15.439	2021	2026	2034	rVB2	403964	709863	34.17%	2.746%
70	15.580	2045	2050	2054	rBV	340110	630987	30.37%	2.441%
71	15.632	2055	2059	2063	rVV	185849	291135	14.01%	1.126%
72	15.750	2072	2079	2082	rBV6	280555	596647	28.72%	2.308%
73	16.003	2119	2122	2126	rVB3	104082	132054	6.36%	0.511%
74	16.167	2142	2150	2155	rBV2	639455	1137483	54.75%	4.400%
75	16.208	2155	2157	2163	rVB3	133461	199585	9.61%	0.772%
76	16.273	2164	2168	2172	rBV4	98576	183785	8.85%	0.711%

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77	16.455	2195	2199	2205	rBV4	421076	757507	36.46%	2.930%
78	16.649	2227	2232	2246	rVB2	1080426	2077548	100.00%	8.037%
79	16.807	2257	2259	2264	rVB	141041	178219	8.58%	0.689%
80	17.019	2290	2295	2299	rVB5	149864	308884	14.87%	1.195%
81	17.072	2299	2304	2308	rBV2	244844	407970	19.64%	1.578%
82	17.219	2325	2329	2330	rBV3	108561	143176	6.89%	0.554%
83	17.465	2366	2371	2376	rVB	443879	665027	32.01%	2.573%
84	17.712	2411	2413	2417	rVB	159930	182854	8.80%	0.707%
85	18.064	2470	2473	2477	rVB2	115623	149500	7.20%	0.578%
86	18.581	2558	2561	2564	rBV	84110	103493	4.98%	0.400%
87	19.280	2677	2680	2682	rBV3	67569	98853	4.76%	0.382%
88	19.363	2690	2694	2697	rVB	96651	124445	5.99%	0.481%
89	19.474	2709	2713	2718	rBV	190608	286480	13.79%	1.108%
90	19.609	2733	2736	2741	rBV2	58617	94504	4.55%	0.366%
91	20.103	2817	2820	2826	rVB	107778	162035	7.80%	0.627%
92	20.168	2827	2831	2836	rVB	84005	137207	6.60%	0.531%
93	20.279	2845	2850	2855	rVB	802073	996994	47.99%	3.857%
94	22.018	3141	3146	3154	rVB2	184220	320130	15.41%	1.238%
95	25.519	3738	3742	3754	rVB2	117764	309292	14.89%	1.196%

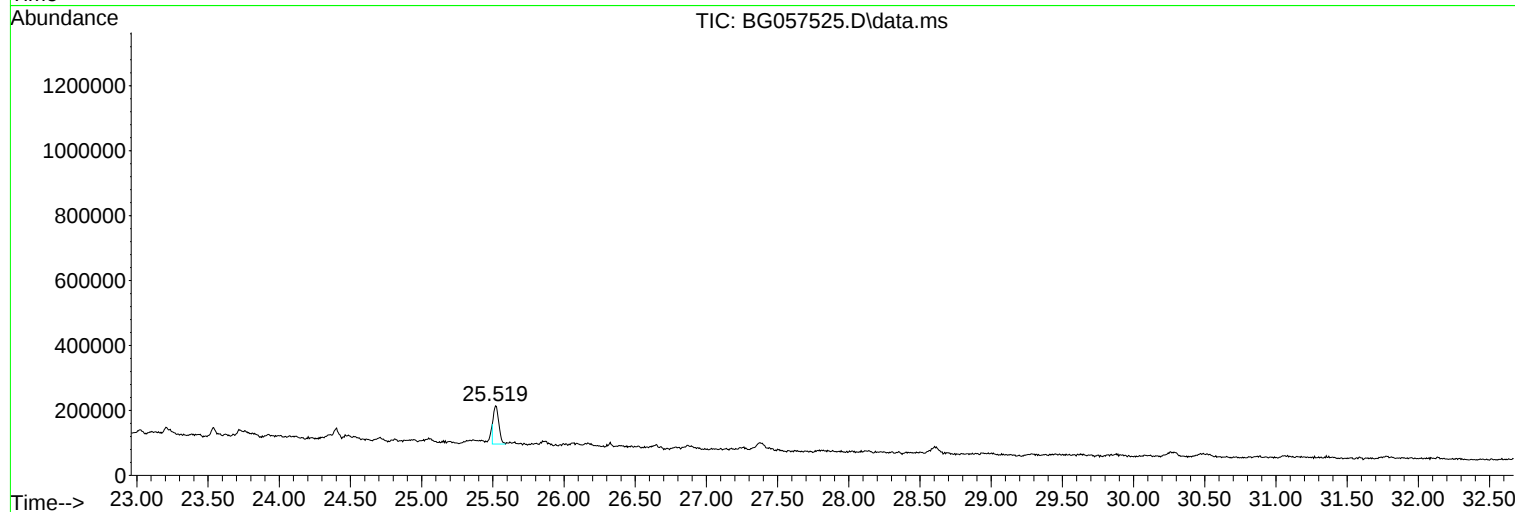
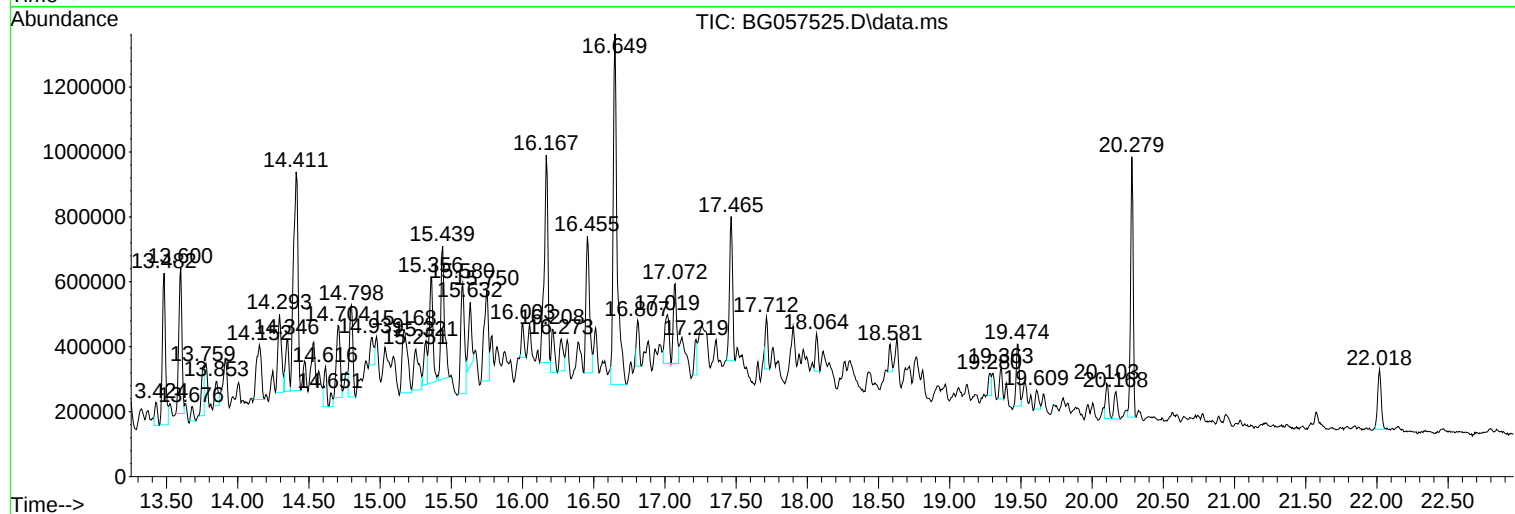
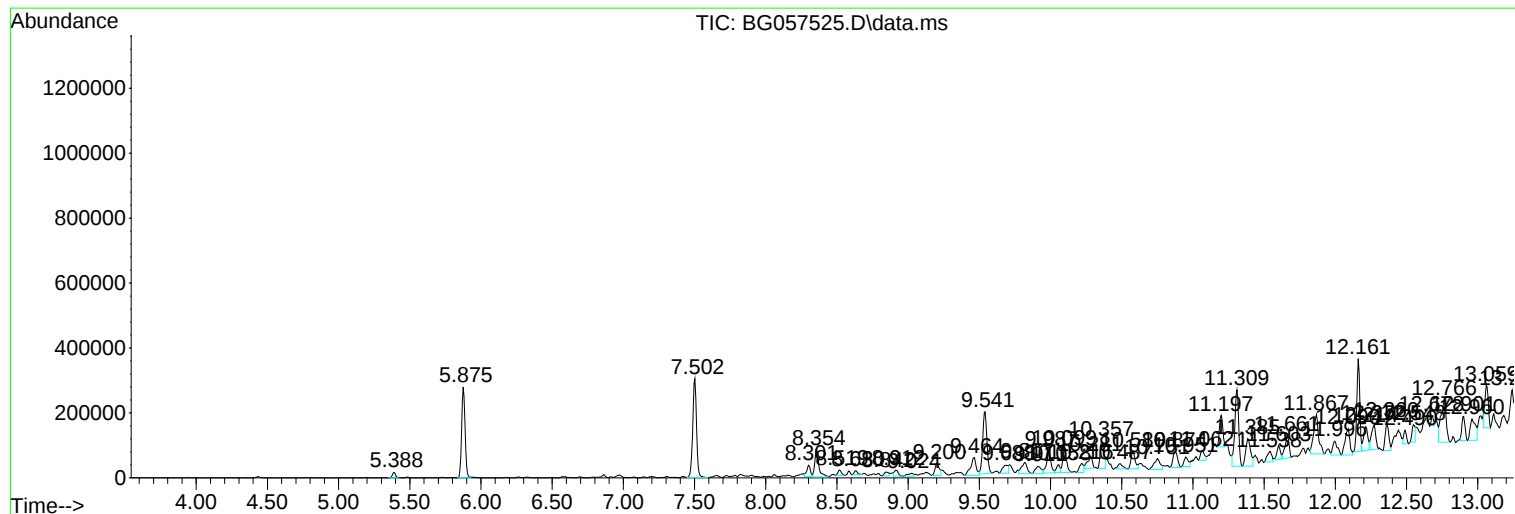
Sum of corrected areas: 25850691

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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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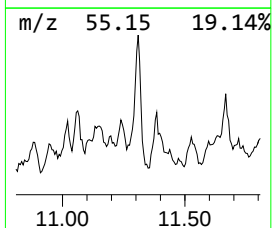
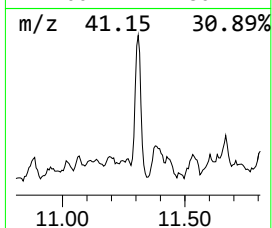
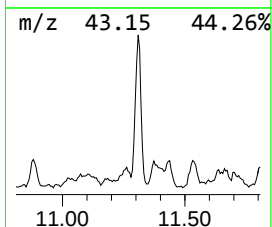
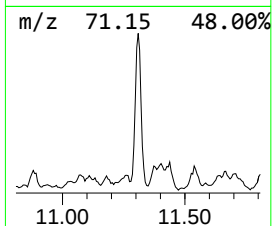
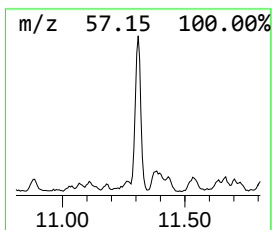
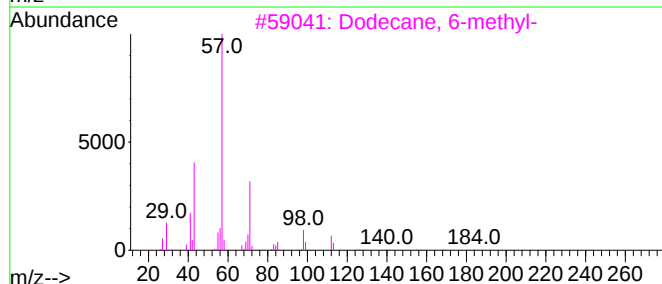
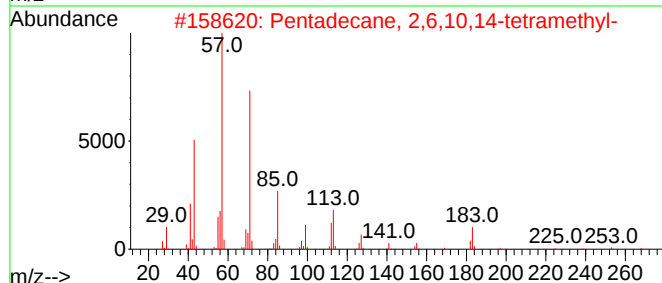
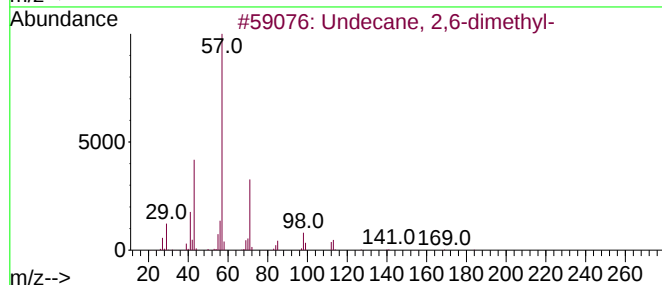
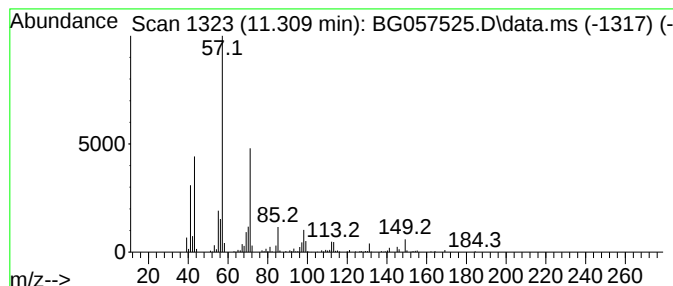
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.309	53.72 ng	436399	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	55
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	53
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



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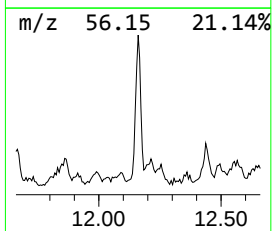
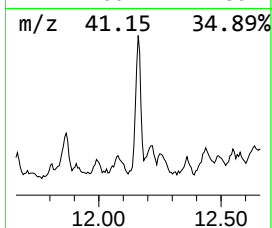
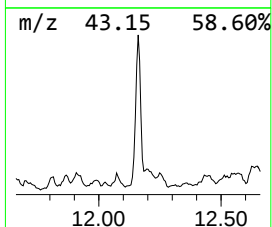
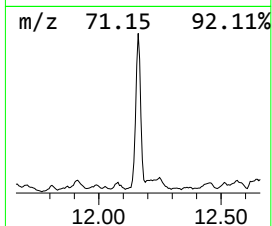
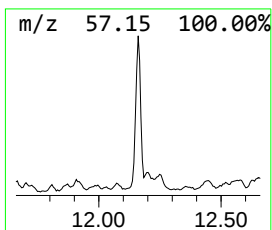
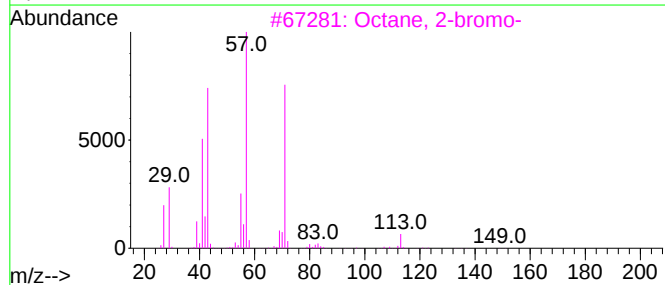
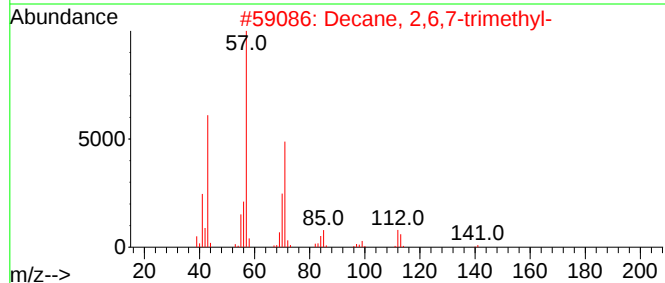
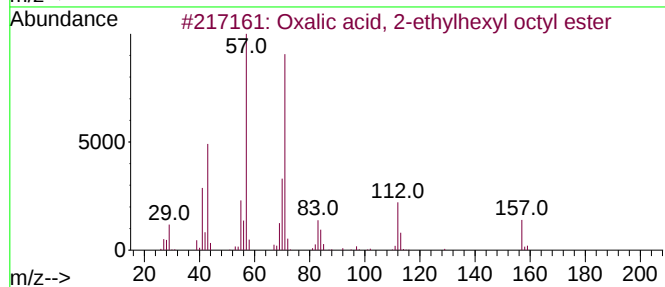
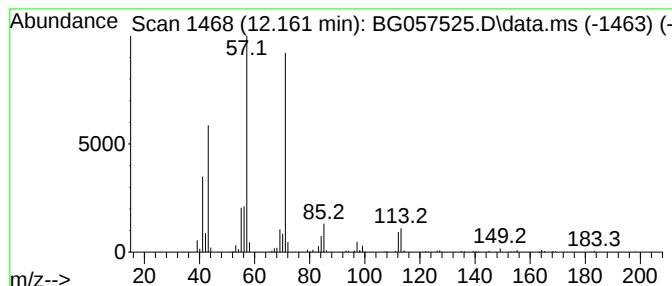
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxalic acid, 2-ethylhexyl o... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.161	49.96 ng	405837	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
3			Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
4			Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	59
5			Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	53



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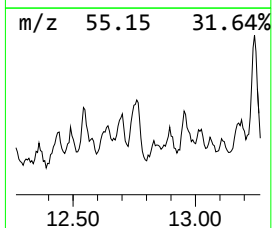
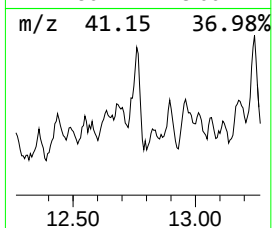
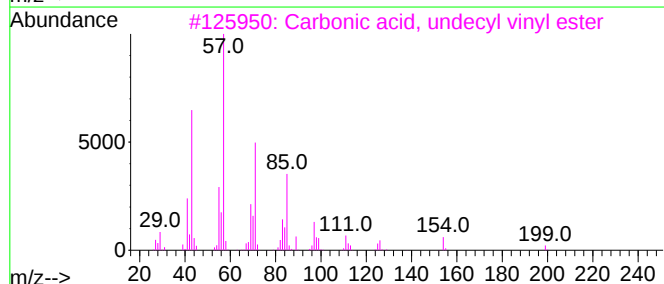
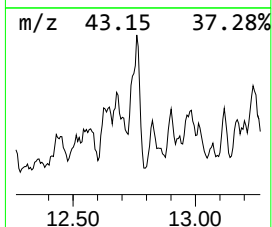
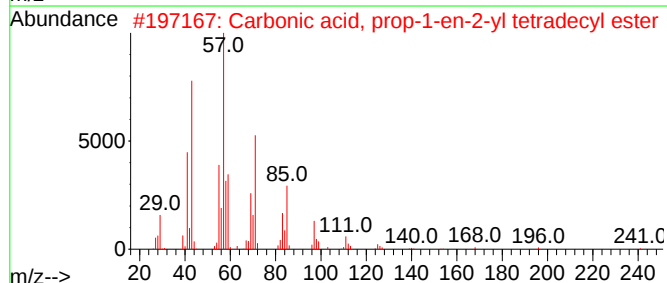
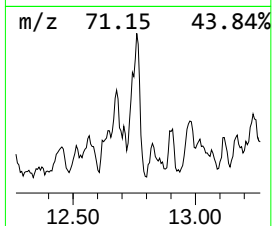
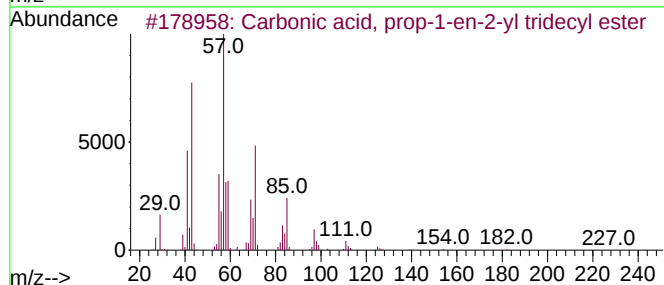
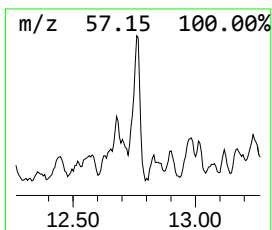
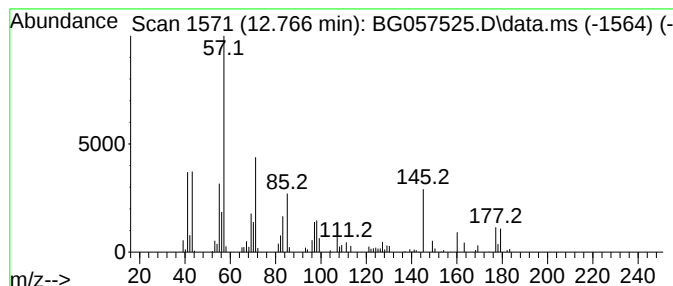
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.766 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.766	40.09 ng	325653	Naphthalene-d8	11.197

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	47
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	47
3			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	47
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	43
5			Dodecyl nonyl ether	312	C21H44O	1000406-37-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-32

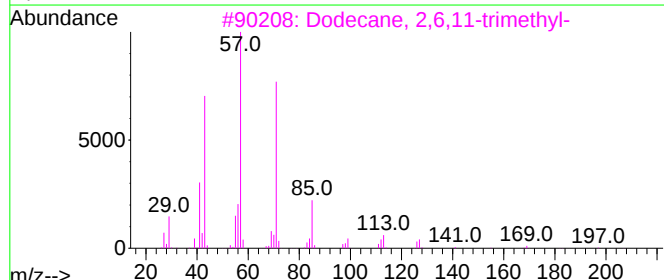
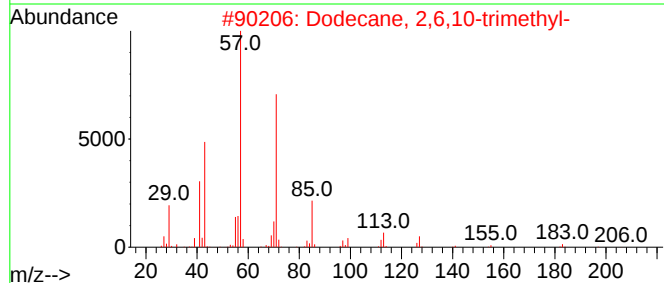
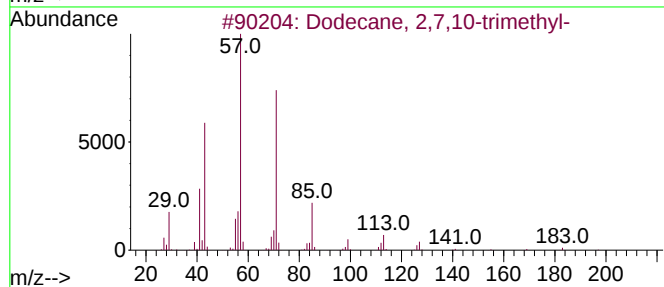
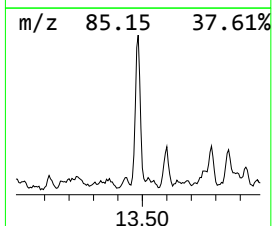
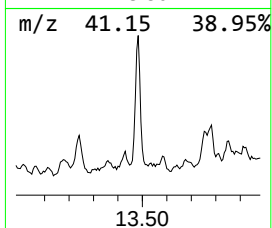
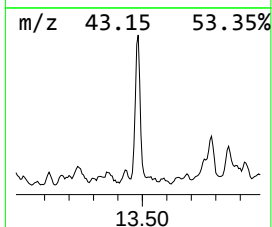
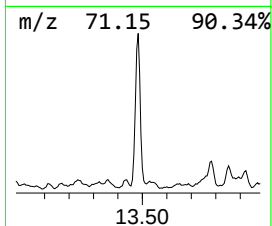
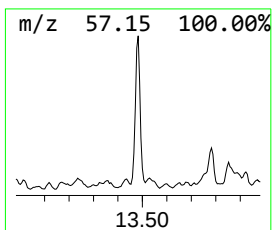
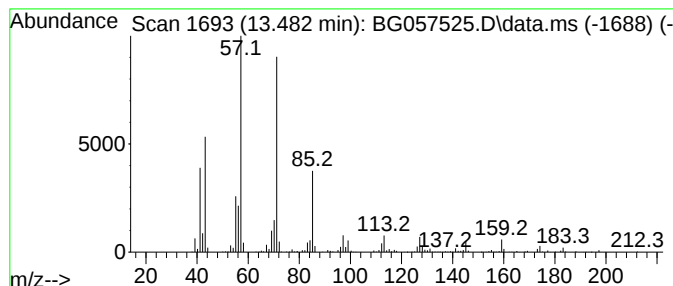
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.483	91.89 ng	718701	Acenaphthene-d10	14.975

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	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
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Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

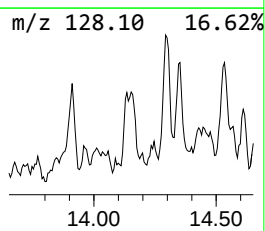
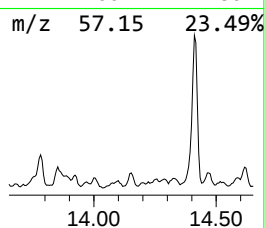
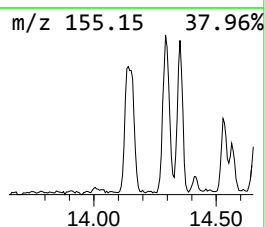
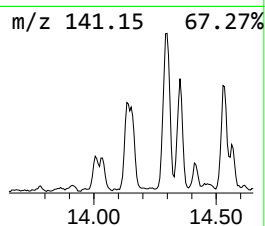
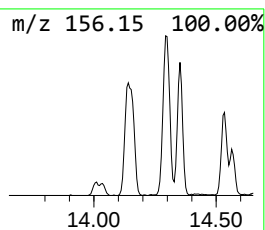
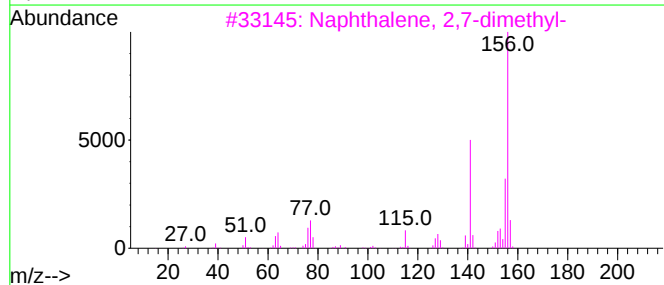
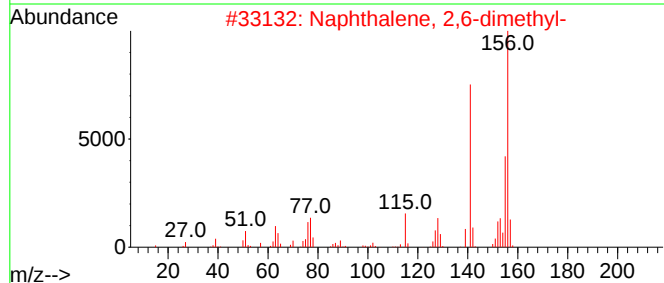
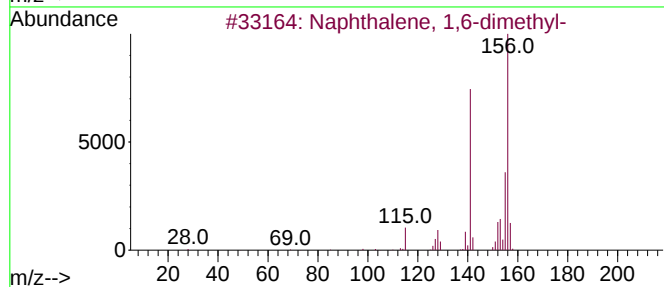
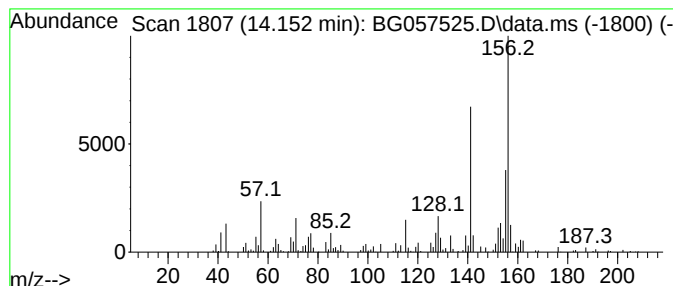
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.152	51.15 ng	400102	Acenaphthene-d10	14.975	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

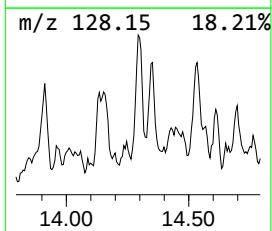
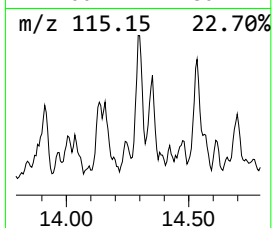
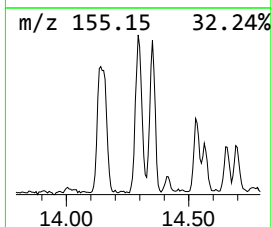
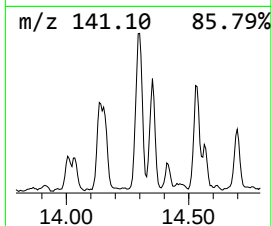
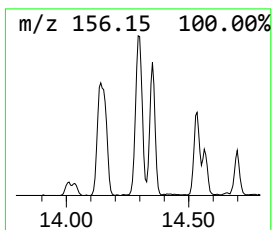
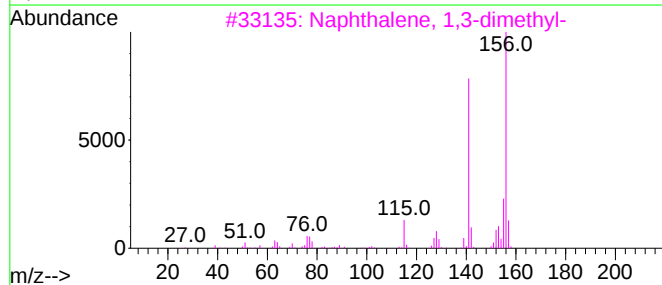
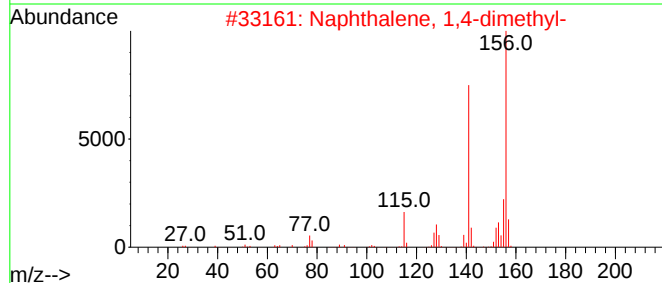
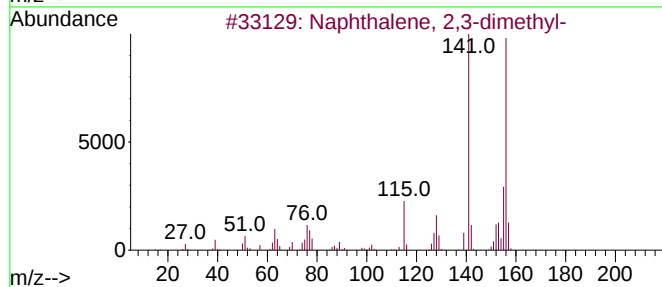
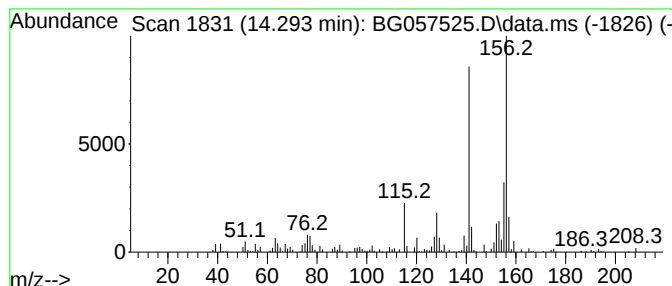
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.293	56.02 ng	438168	Acenaphthene-d10	14.975	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
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Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

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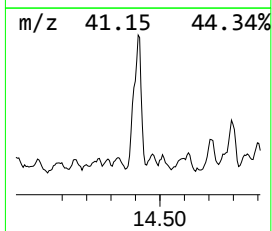
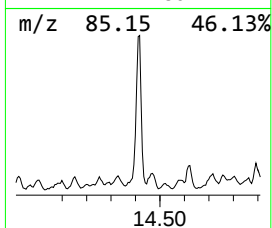
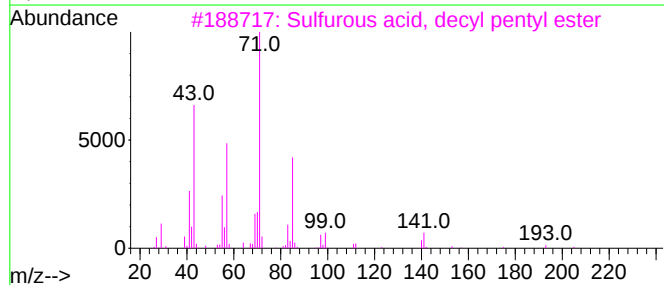
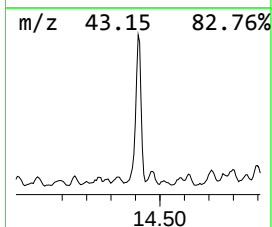
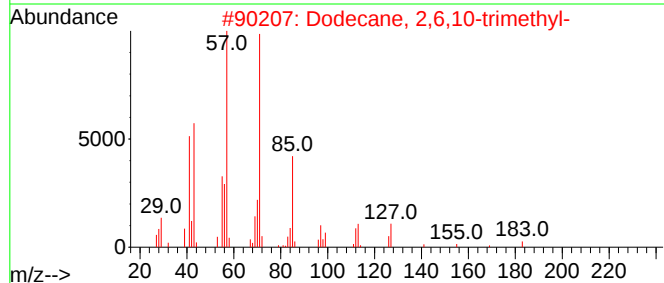
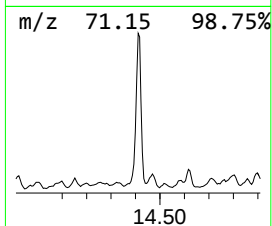
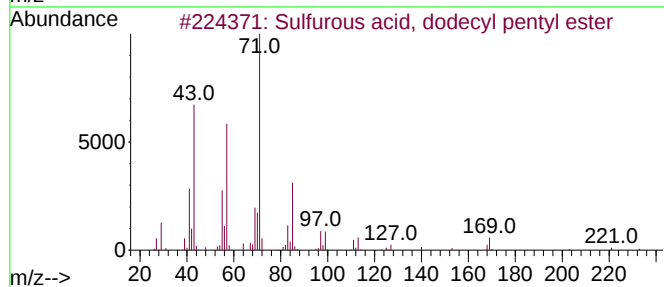
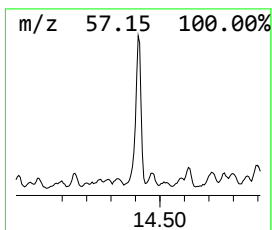
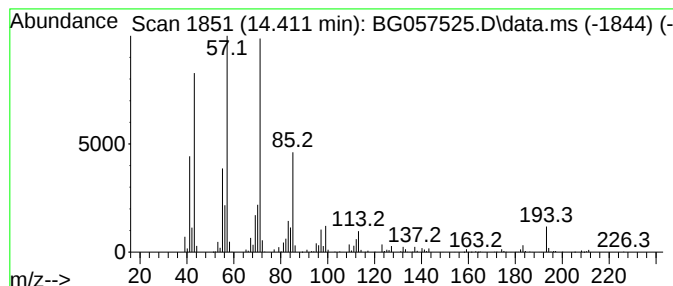
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, dodecyl pen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.411	187.35 ng	1465380	Acenaphthene-d10	14.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	80
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	72
4			Decane, 5-propyl-	184	C13H28	017312-62-8	64
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
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Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

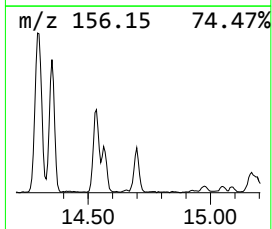
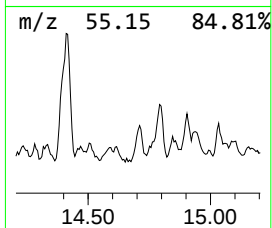
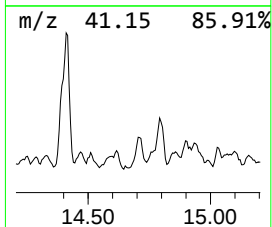
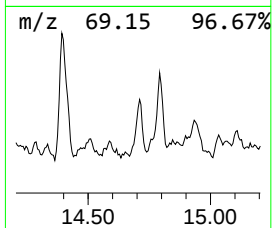
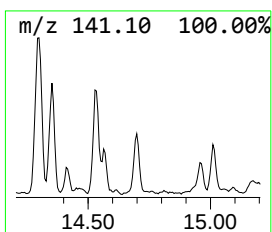
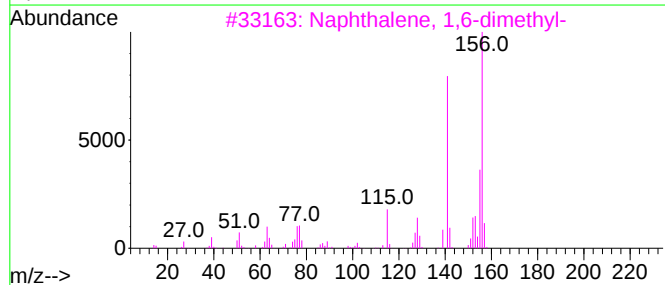
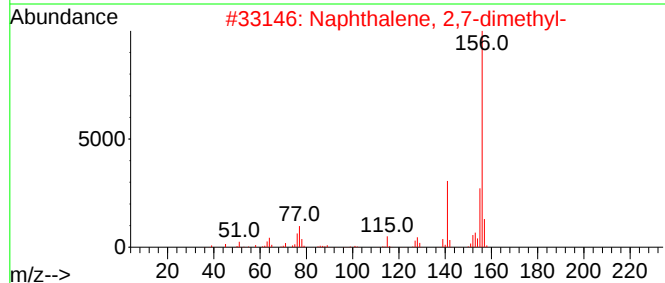
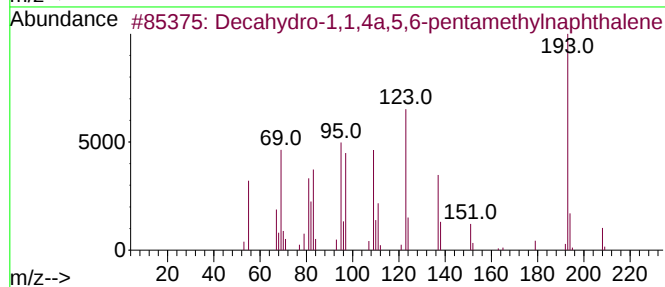
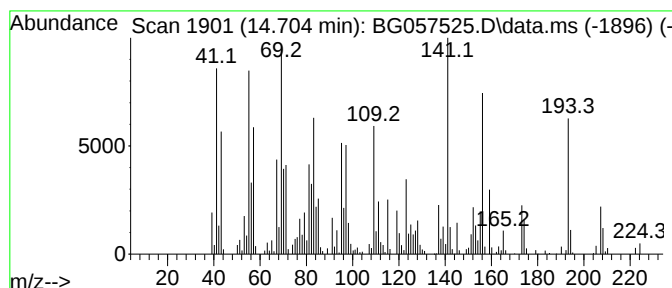
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.704	53.64 ng	419560	Acenaphthene-d10	14.975	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	72
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	52
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	52
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	51
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
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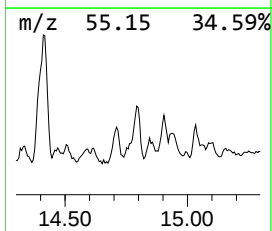
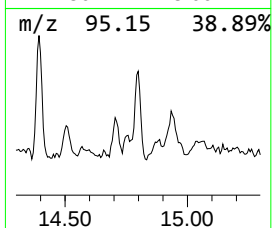
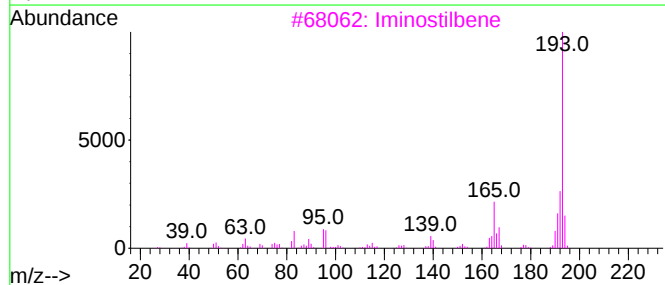
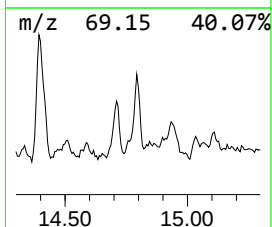
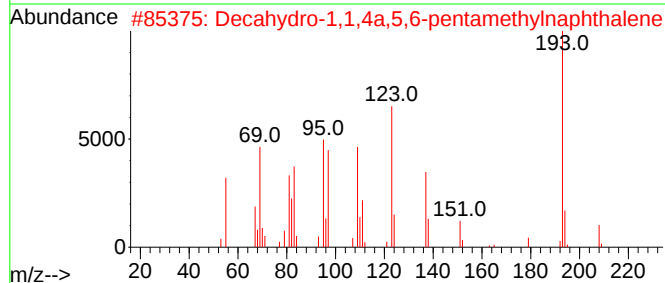
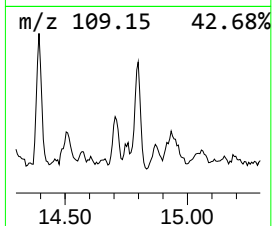
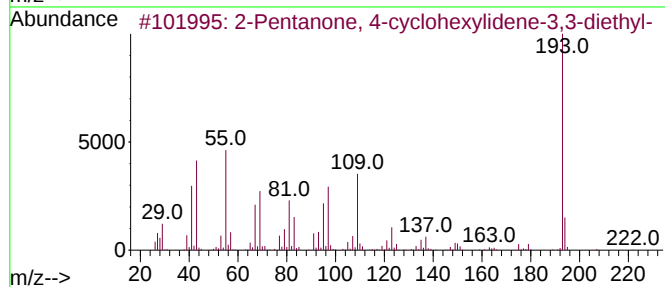
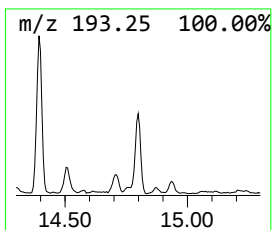
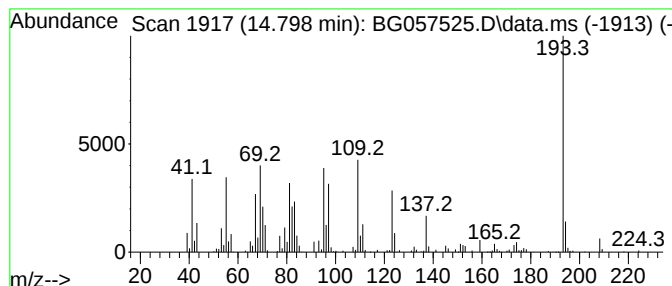
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Pentanone, 4-cyclohexylid... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.798	58.87 ng	460420	Acenaphthene-d10		14.975	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...		222	C15H26O	313253-65-5	59
2	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	49
3	Iminostilbene		193	C14H11N	000256-96-2	35
4	[1,1'-Biphenyl]-4-acetonitrile		193	C14H11N	031603-77-7	30
5	s-Triazine, 2-amino-4-(morpholin...		278	C13H22N6O	021868-45-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

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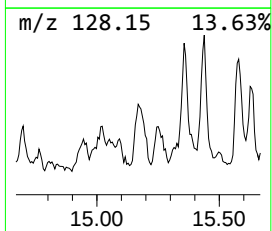
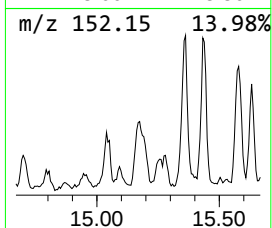
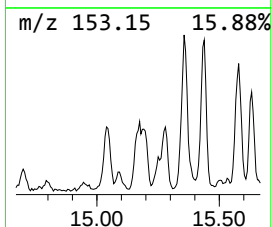
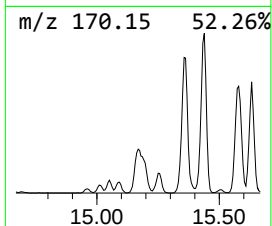
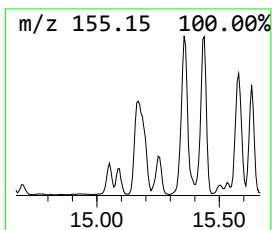
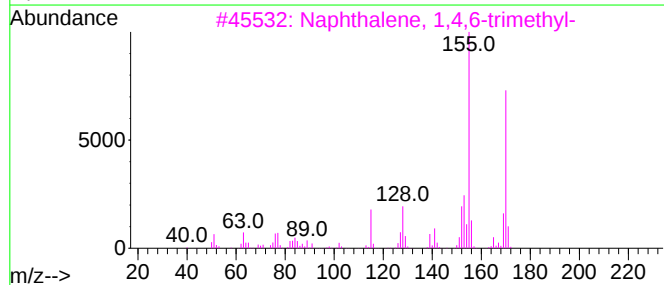
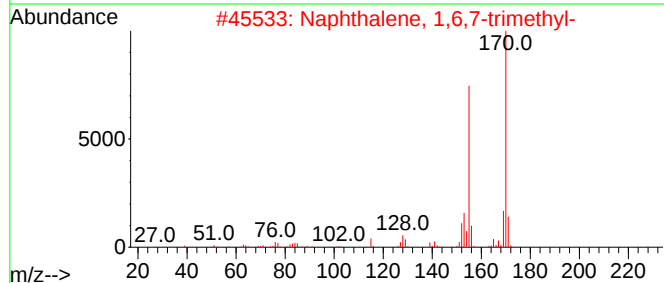
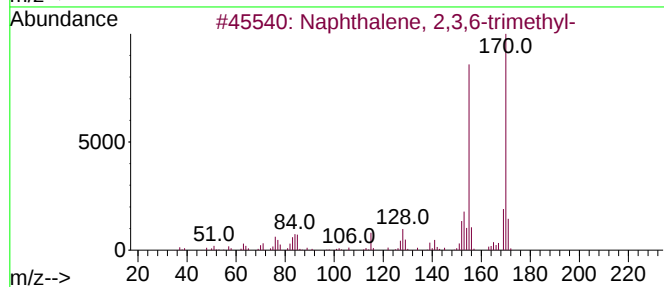
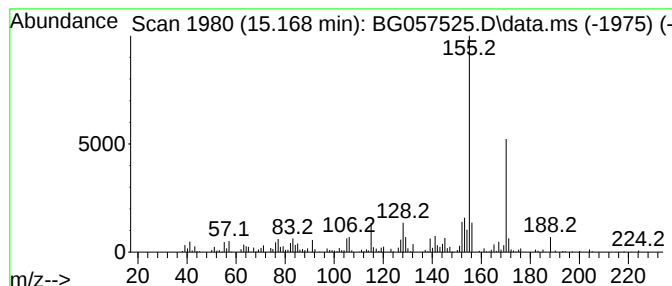
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.168	66.78 ng	522318	Acenaphthene-d10	14.975

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

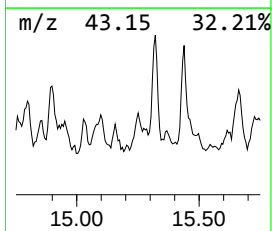
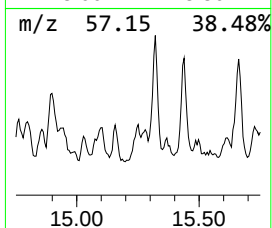
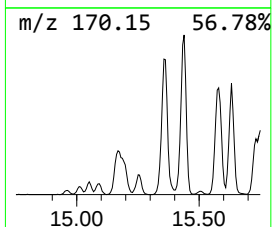
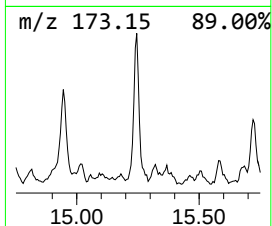
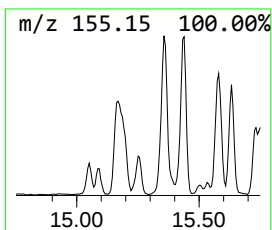
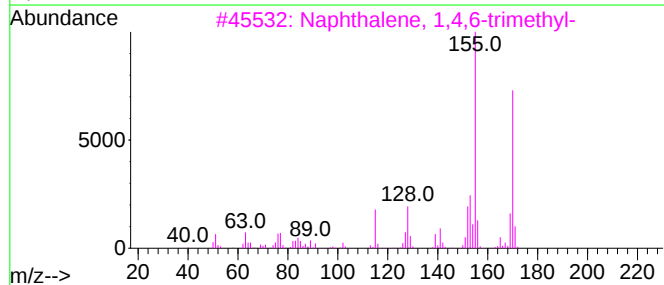
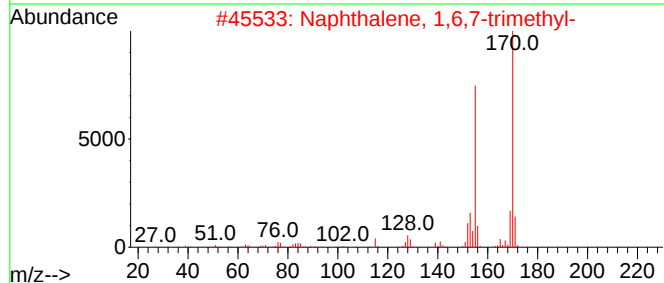
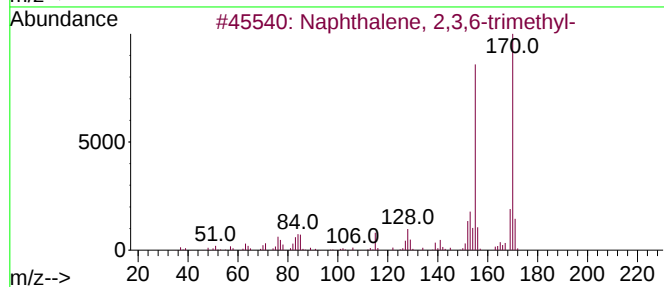
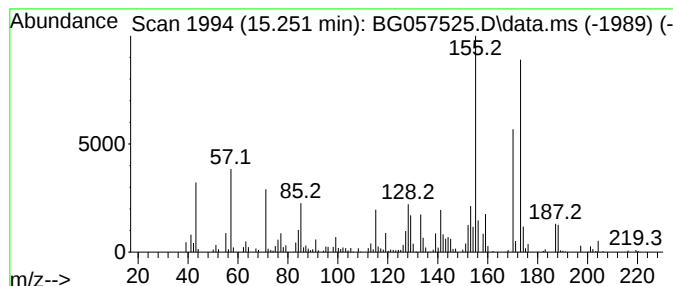
Instrument :
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ClientSampleId :
TP-32

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.251	42.32 ng	330993	Acenaphthene-d10	14.975	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-32

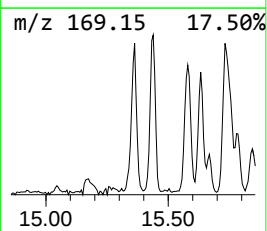
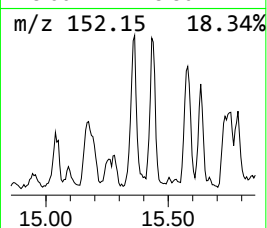
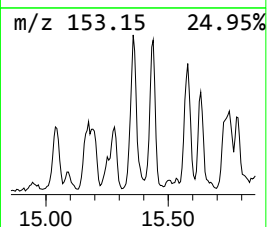
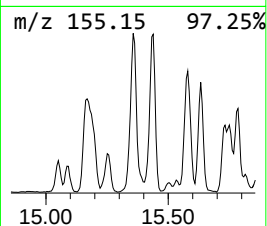
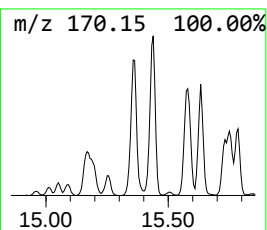
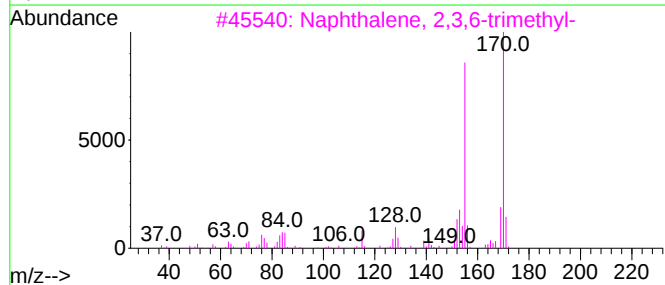
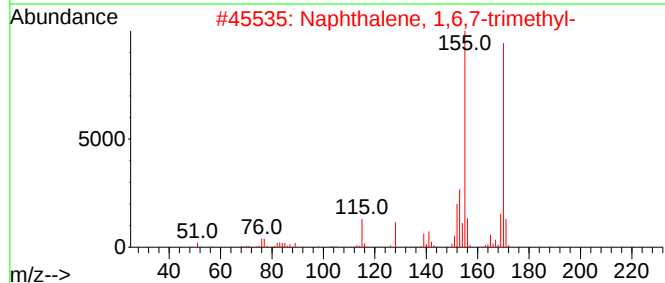
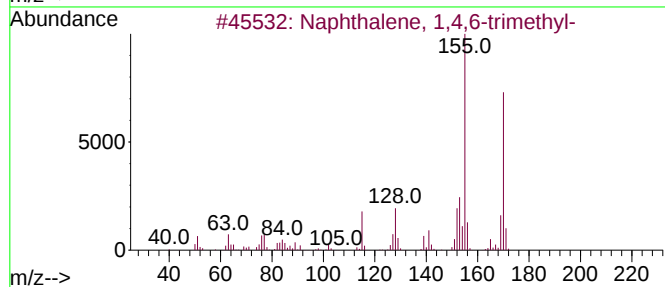
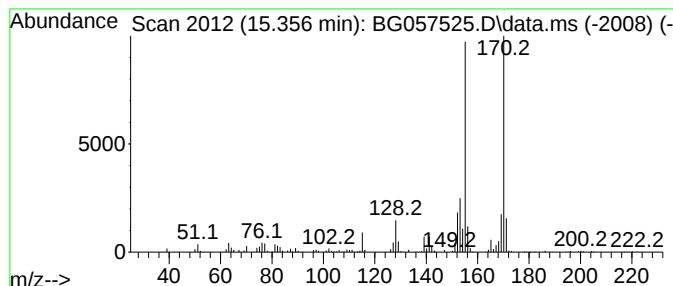
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.356	73.16 ng	572260	Acenaphthene-d10	14.975

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	95
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

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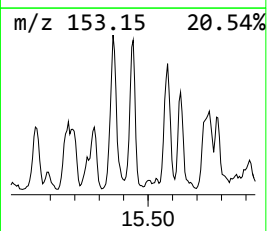
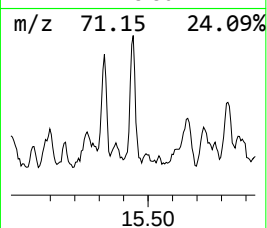
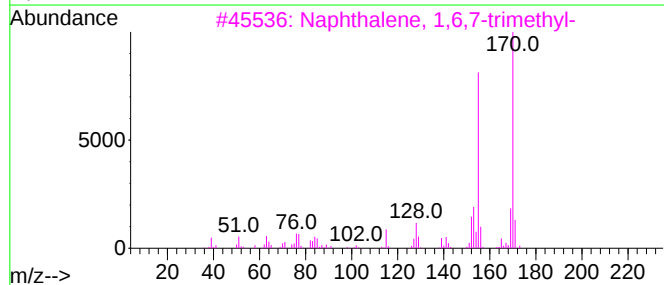
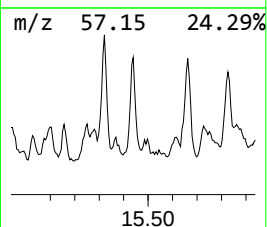
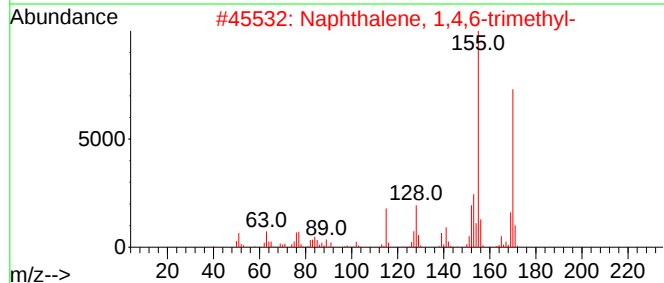
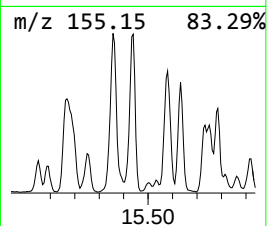
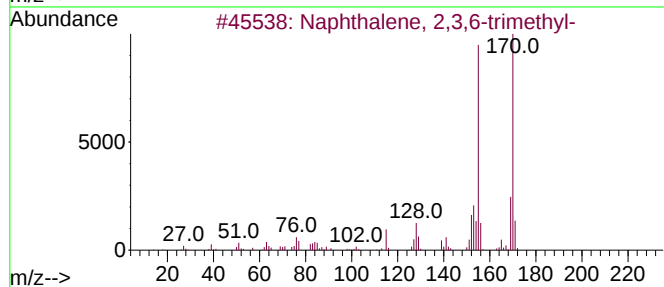
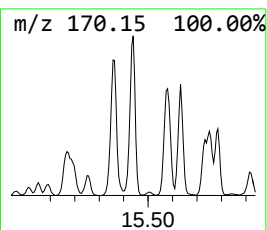
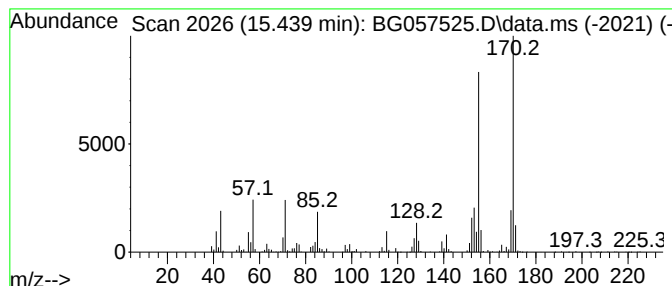
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	90.76 ng	709863	Acenaphthene-d10	14.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

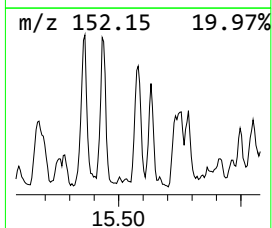
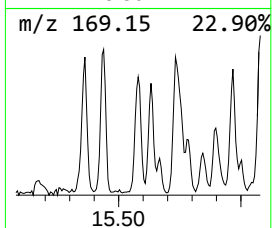
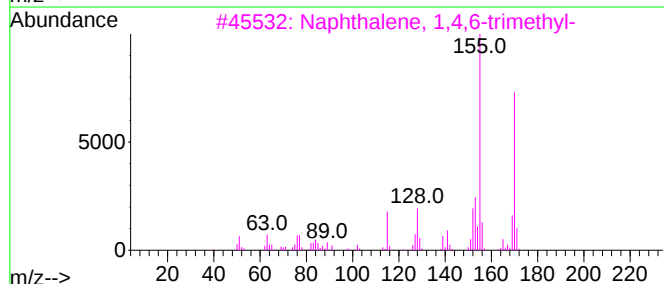
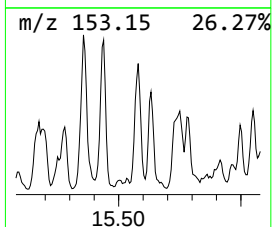
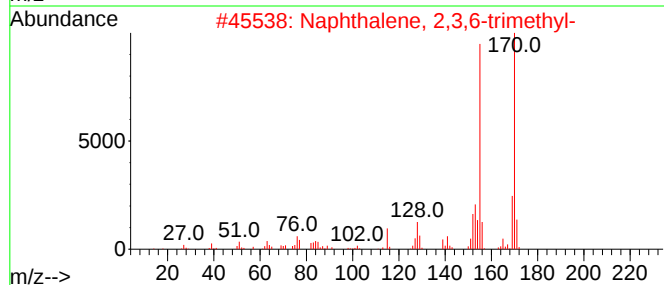
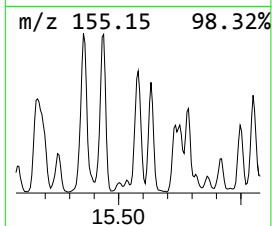
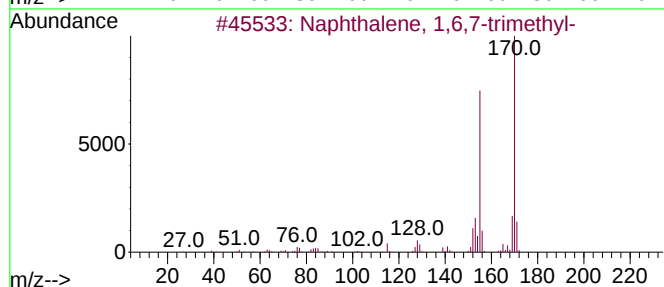
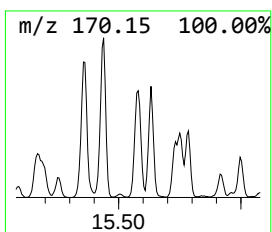
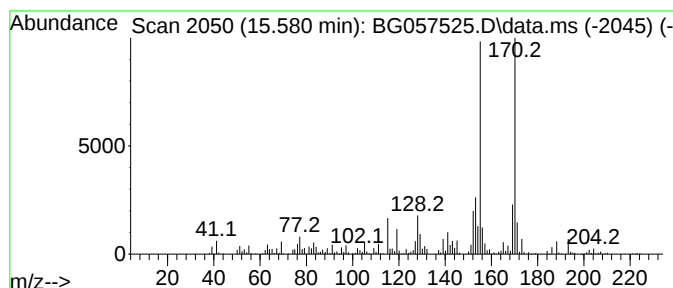
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.580	80.67 ng	630987	Acenaphthene-d10	14.975	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-32

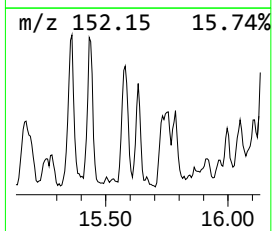
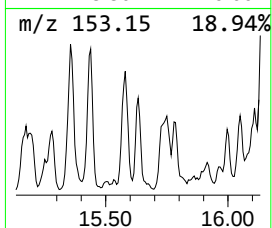
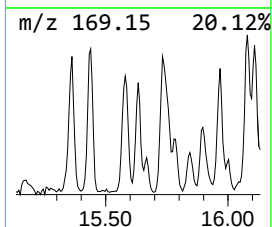
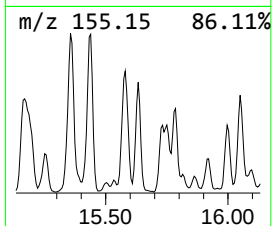
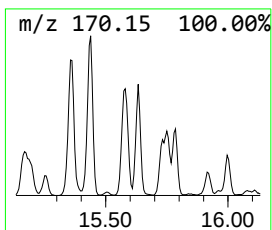
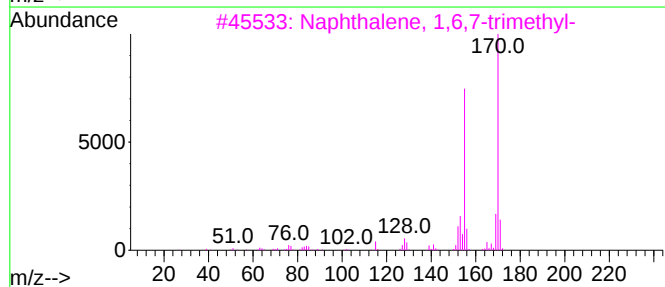
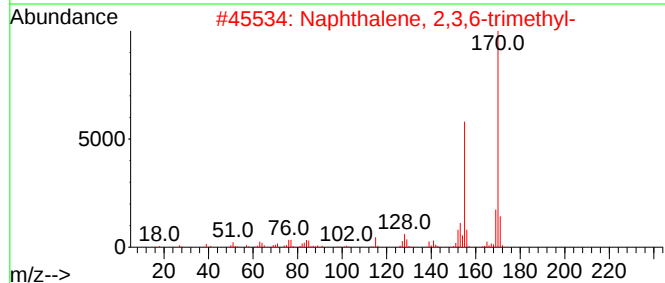
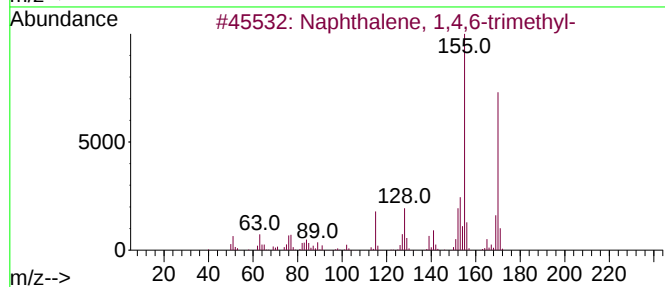
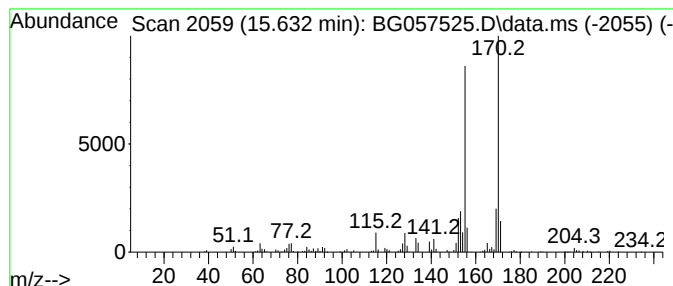
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.633 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	37.22 ng	291135	Acenaphthene-d10	14.975

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	94
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-32

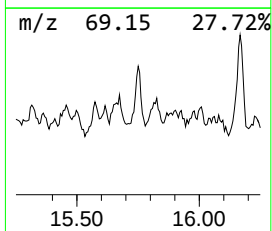
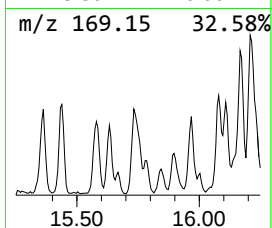
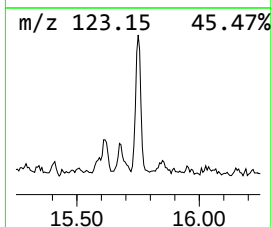
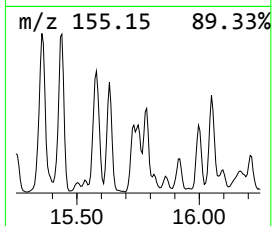
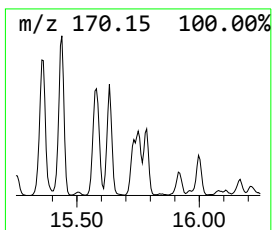
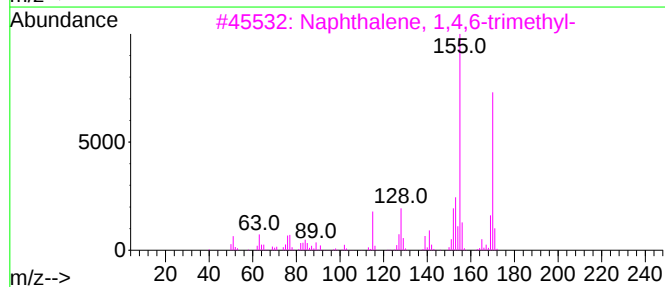
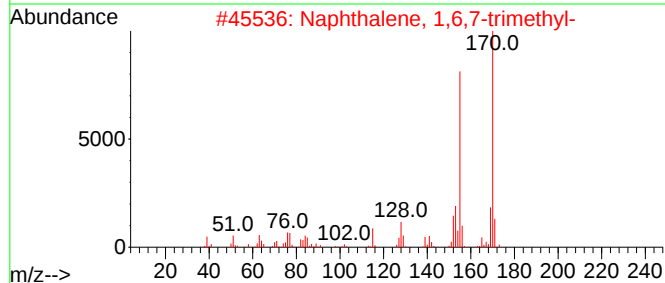
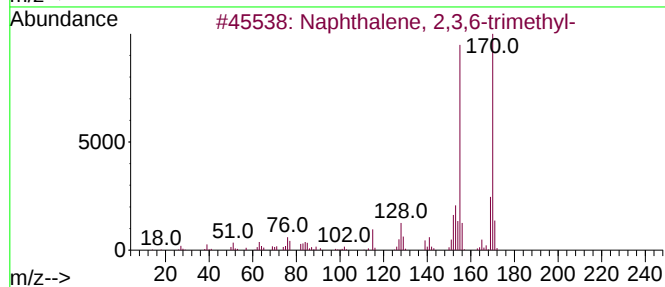
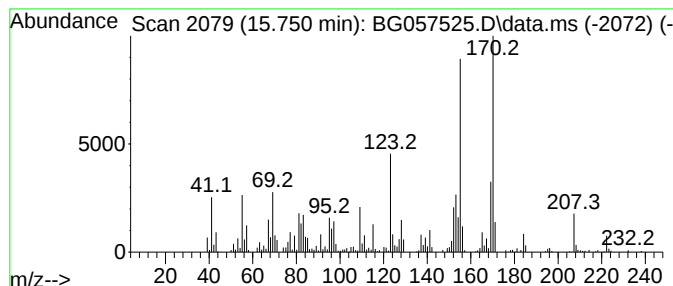
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.750 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.750	76.28 ng	596647	Acenaphthene-d10	14.975

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	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-32

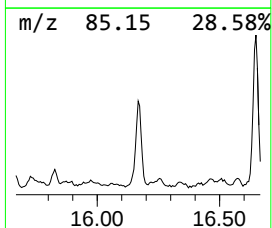
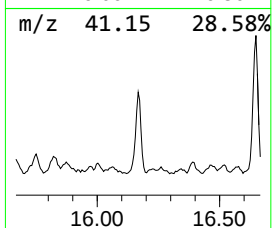
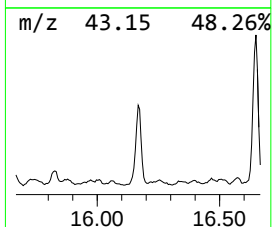
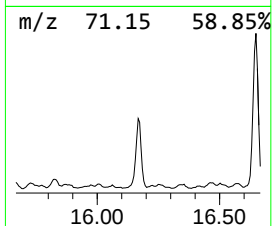
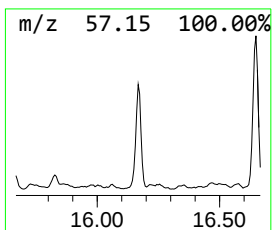
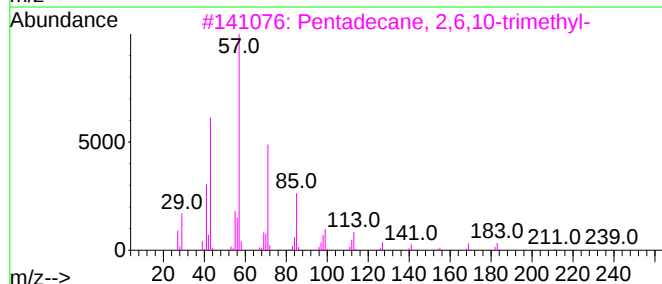
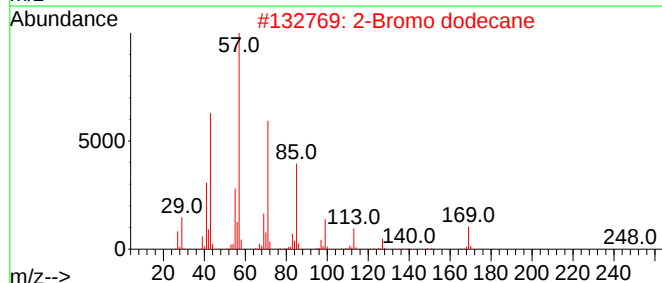
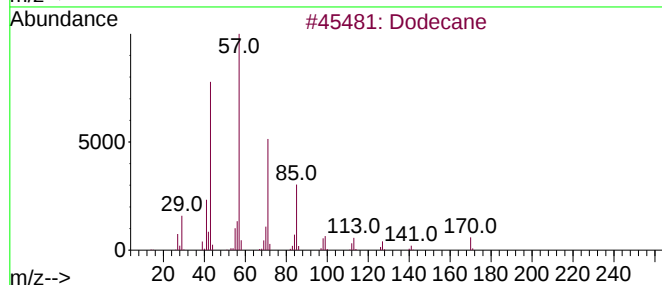
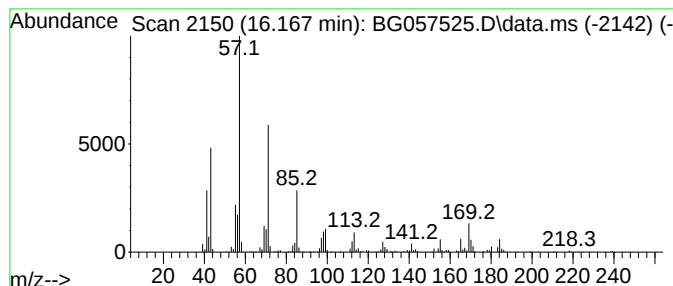
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.167	145.43 ng	1137480	Acenaphthene-d10	14.975

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4			Tridecane	184	C13H28	000629-50-5	74
5			Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-32

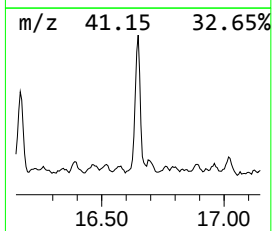
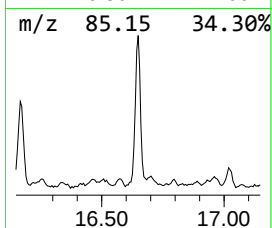
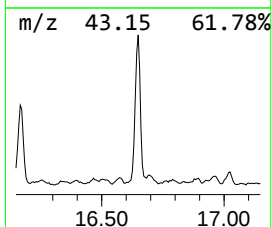
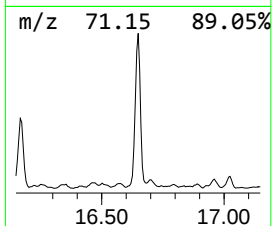
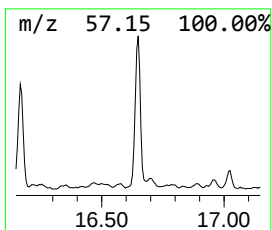
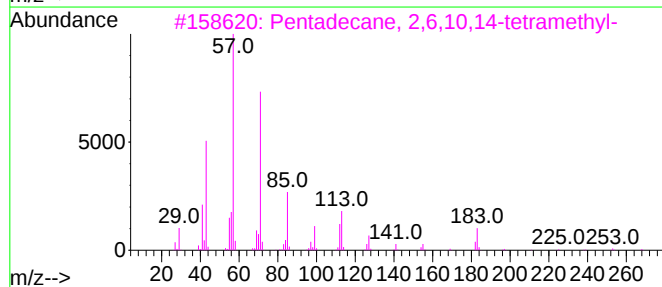
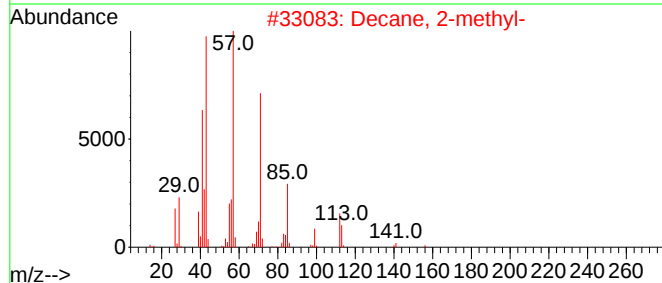
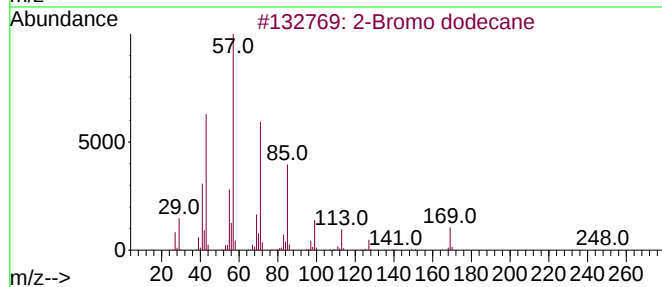
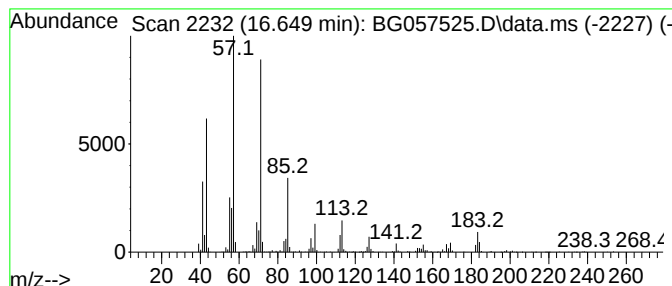
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.649	227.24 ng	2077550	Phenanthrene-d10	17.712

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2		Decane, 2-methyl-	156	C11H24	006975-98-0	87
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-32

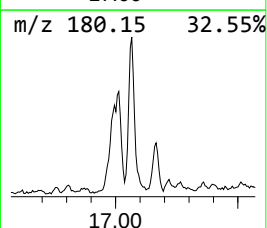
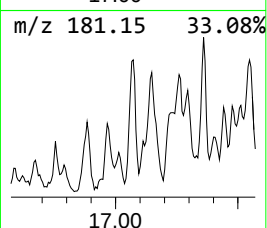
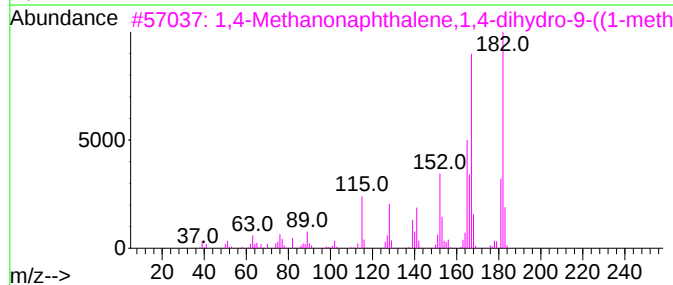
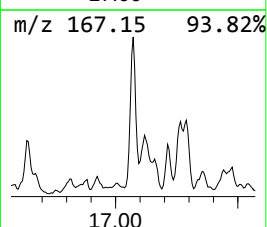
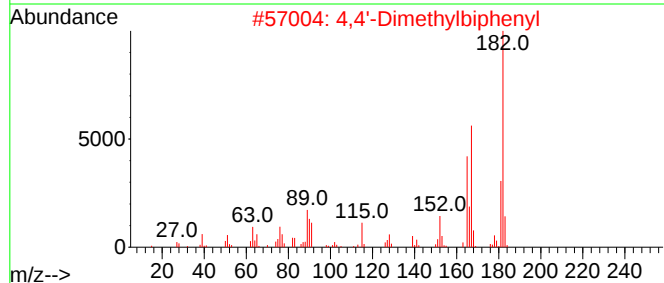
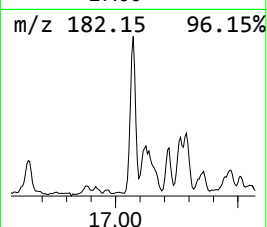
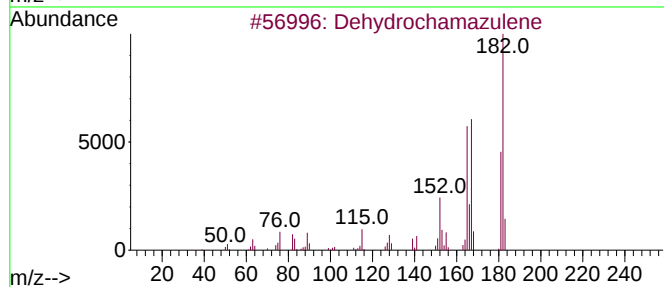
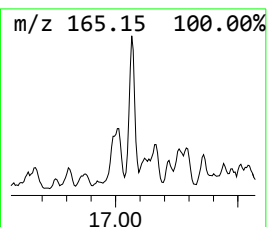
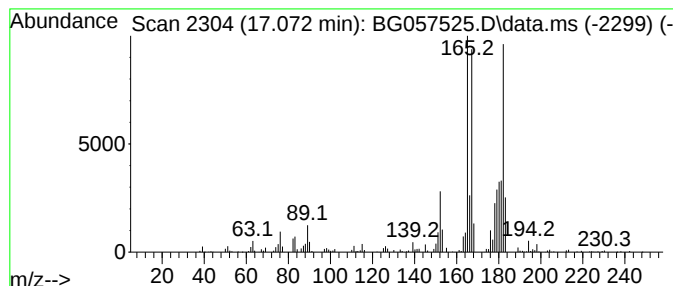
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dehydrochamazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.072	44.62 ng	407970	Phenanthrene-d10	17.712

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dehydrochamazulene	182	C14H14	321732-25-6	86
2		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
3		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
4		1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	62
5		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057525.D
Acq On : 23 May 2023 18:41
Operator : CG/JU
Sample : 02892-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

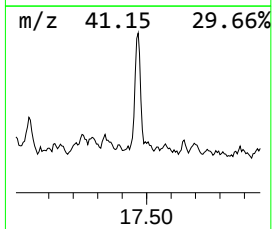
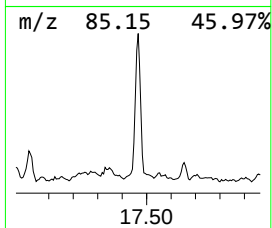
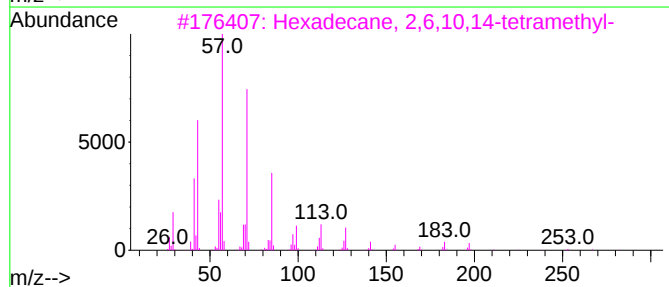
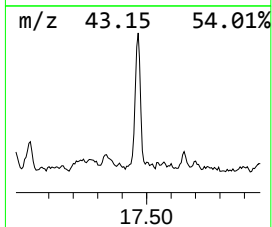
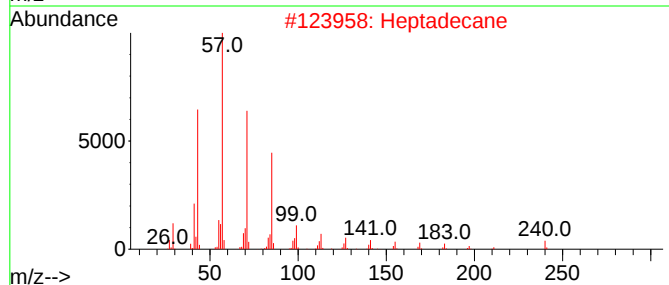
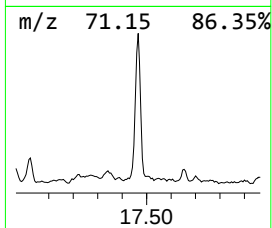
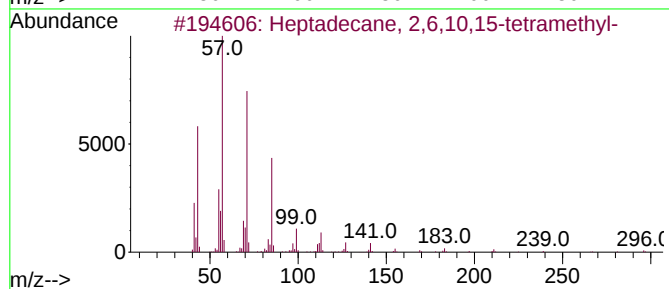
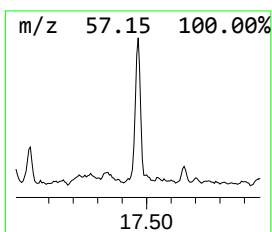
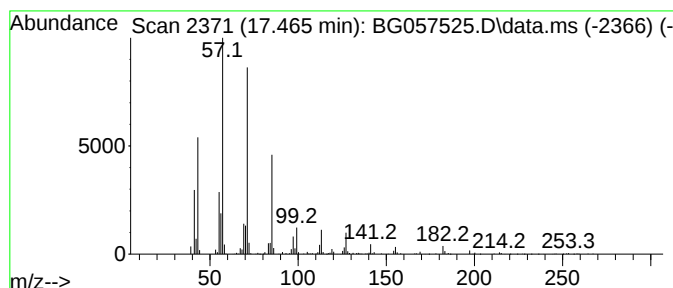
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.465	72.74 ng	665027	Phenanthrene-d10	17.712	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057525.D
 Acq On : 23 May 2023 18:41
 Operator : CG/JU
 Sample : 02892-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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
Undecane, 2,6-d...	11.309	53.7	ng	436399	2	11.197	162476	20.0
Oxalic acid, 2-...	12.161	50.0	ng	405837	2	11.197	162476	20.0
unknown12.766	12.766	40.1	ng	325653	2	11.197	162476	20.0
Dodecane, 2,7,1...	13.483	91.9	ng	718701	3	14.975	156431	20.0
Naphthalene, 1,...	14.152	51.1	ng	400102	3	14.975	156431	20.0
Naphthalene, 2,...	14.293	56.0	ng	438168	3	14.975	156431	20.0
Sulfurous acid,...	14.411	187.3	ng	1465380	3	14.975	156431	20.0
Decahydro-1,1,4...	14.704	53.6	ng	419560	3	14.975	156431	20.0
2-Pentanone, 4-...	14.798	58.9	ng	460420	3	14.975	156431	20.0
Naphthalene, 2,...	15.168	66.8	ng	522318	3	14.975	156431	20.0
Naphthalene, 1,...	15.251	42.3	ng	330993	3	14.975	156431	20.0
Naphthalene, 1,...	15.356	73.2	ng	572260	3	14.975	156431	20.0
4,6,8-Trimethyl...	15.439	90.8	ng	709863	3	14.975	156431	20.0
Naphthalene, 1,...	15.580	80.7	ng	630987	3	14.975	156431	20.0
unknown15.633	15.633	37.2	ng	291135	3	14.975	156431	20.0
unknown15.750	15.750	76.3	ng	596647	3	14.975	156431	20.0
Dodecane	16.167	145.4	ng	1137480	3	14.975	156431	20.0
2-Bromo dodecane	16.649	227.2	ng	2077550	4	17.712	182854	20.0
Dehydrochamazulene	17.072	44.6	ng	407970	4	17.712	182854	20.0
Heptadecane, 2,...	17.465	72.7	ng	665027	4	17.712	182854	20.0