

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053855.D
 Acq On : 8 Jun 2022 16:43
 Operator : CG/JU
 Sample : N3209-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-10-GR

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-BG060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.588	200	204	215	rVB3	25690	65820	4.81%	0.295%
2	4.741	226	230	238	rVB	33877	64515	4.71%	0.289%
3	5.029	271	279	285	rBV2	50933	91897	6.71%	0.412%
4	5.293	319	324	330	rBV2	91179	163086	11.92%	0.730%
5	5.528	360	364	373	rVB2	51772	99290	7.26%	0.445%
6	5.652	379	385	394	rVB	290912	515775	37.69%	2.310%
7	5.899	418	427	433	rBV4	29440	61590	4.50%	0.276%
8	5.969	433	439	448	rBV3	49974	127139	9.29%	0.569%
9	6.051	448	453	458	rVV	79689	139919	10.22%	0.627%
10	6.116	459	464	471	rVB3	52444	105854	7.73%	0.474%
11	6.369	500	507	515	rBV3	90598	234701	17.15%	1.051%
12	6.486	520	527	535	rVB3	39918	97984	7.16%	0.439%
13	6.580	537	543	551	rBV4	79175	236886	17.31%	1.061%
14	6.651	551	555	560	rVB	119245	177827	12.99%	0.796%
15	6.733	560	569	573	rBV2	135889	310405	22.68%	1.390%
16	6.991	605	613	619	rVB3	59083	147798	10.80%	0.662%
17	7.080	619	628	635	rBV3	68988	159406	11.65%	0.714%
18	7.191	642	647	650	rBV4	33178	57940	4.23%	0.259%
19	7.238	650	655	663	rVB	380460	723479	52.86%	3.240%
20	7.426	682	687	692	rVV4	32178	67724	4.95%	0.303%
21	7.485	692	697	700	rVV3	33365	56415	4.12%	0.253%
22	7.555	701	709	710	rVV5	41444	85245	6.23%	0.382%
23	7.585	710	714	723	rVV2	81357	196382	14.35%	0.879%
24	7.661	723	727	737	rVB3	40778	94373	6.90%	0.423%
25	7.820	750	754	759	rVB4	30537	58170	4.25%	0.261%
26	8.002	779	785	792	rVV6	40553	111911	8.18%	0.501%
27	8.078	792	798	806	rVB2	161290	371766	27.16%	1.665%
28	8.166	806	813	819	rBV3	45319	100612	7.35%	0.451%
29	8.290	829	834	838	rBV3	61350	95998	7.01%	0.430%
30	8.354	838	845	846	rBV3	43244	60995	4.46%	0.273%
31	8.390	846	851	857	rVB2	115188	218569	15.97%	0.979%
32	8.449	857	861	869	rVB5	35728	84576	6.18%	0.379%
33	8.537	869	876	881	rBV7	30017	78769	5.76%	0.353%
34	8.660	894	897	906	rVB5	48153	92076	6.73%	0.412%
35	8.742	906	911	915	rBV2	32262	59418	4.34%	0.266%
36	8.789	915	919	925	rVB5	31947	58950	4.31%	0.264%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.936	939	944	951	rBV2	63108	123408	9.02%	0.553%
38	9.206	980	990	994	rBV2	197258	492209	35.97%	2.204%
39	9.248	994	997	1002	rVV	179268	311899	22.79%	1.397%
40	9.300	1002	1006	1014	rVB5	82759	179114	13.09%	0.802%
41	9.424	1022	1027	1029	rBV2	65331	115702	8.45%	0.518%
42	9.571	1041	1052	1060	rBV6	46295	160951	11.76%	0.721%
43	9.729	1075	1079	1087	rVB2	62640	138609	10.13%	0.621%
44	9.829	1091	1096	1100	rVB4	63146	104347	7.62%	0.467%
45	9.988	1115	1123	1126	rBV3	65692	130595	9.54%	0.585%
46	10.029	1126	1130	1135	rVB2	111931	184867	13.51%	0.828%
47	10.088	1135	1140	1146	rBV6	123846	216897	15.85%	0.971%
48	10.305	1171	1177	1183	rBV2	155756	308556	22.55%	1.382%
49	10.487	1203	1208	1220	rBV8	46943	121982	8.91%	0.546%
50	10.605	1223	1228	1231	rBV	52522	95486	6.98%	0.428%
51	10.769	1251	1256	1258	rBV2	45892	72086	5.27%	0.323%
52	10.805	1258	1262	1268	rVB4	45486	79420	5.80%	0.356%
53	10.893	1269	1277	1283	rBV2	143734	391255	28.59%	1.752%
54	11.063	1302	1306	1312	rVB	169664	285531	20.86%	1.279%
55	11.122	1312	1316	1325	rBV6	59438	127643	9.33%	0.572%
56	11.275	1336	1342	1347	rBV7	49686	119595	8.74%	0.536%
57	11.404	1361	1364	1370	rVB4	54753	88440	6.46%	0.396%
58	11.574	1388	1393	1394	rBV3	48253	69339	5.07%	0.311%
59	11.610	1394	1399	1406	rVV3	149538	316839	23.15%	1.419%
60	11.680	1407	1411	1416	rVB6	38980	68760	5.02%	0.308%
61	11.739	1417	1421	1427	rBV5	56033	94495	6.90%	0.423%
62	11.815	1429	1434	1443	rVB8	56281	144056	10.53%	0.645%
63	11.927	1448	1453	1458	rBV	281761	481871	35.21%	2.158%
64	12.009	1463	1467	1473	rVB6	63177	119968	8.77%	0.537%
65	12.091	1476	1481	1488	rVB3	67492	137104	10.02%	0.614%
66	12.191	1494	1498	1501	rBV2	40335	58056	4.24%	0.260%
67	12.303	1514	1517	1521	rBV4	38100	66100	4.83%	0.296%
68	12.538	1550	1557	1564	rVB5	130015	377621	27.59%	1.691%
69	12.767	1590	1596	1606	rVB3	115002	287280	20.99%	1.287%
70	12.943	1622	1626	1630	rBV4	54649	94956	6.94%	0.425%
71	13.008	1632	1637	1642	rVB	120394	212894	15.56%	0.953%
72	13.261	1676	1680	1686	rVB	346781	519908	37.99%	2.328%
73	13.337	1687	1693	1700	rVB	504779	865427	63.24%	3.876%
74	13.537	1721	1727	1730	rBV7	70011	153377	11.21%	0.687%
75	13.642	1741	1745	1748	rBV3	41594	69624	5.09%	0.312%
76	13.889	1781	1787	1792	rBV	93367	222800	16.28%	0.998%

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77	13.989	1801	1804	1806	rBV3	42407	57469	4.20%	0.257%
78	14.036	1807	1812	1817	rVV	174513	358769	26.21%	1.607%
79	14.089	1818	1821	1828	rVV	128134	247405	18.08%	1.108%
80	14.148	1829	1831	1834	rVV2	44514	68267	4.99%	0.306%
81	14.201	1835	1840	1845	rVB	451439	649843	47.48%	2.910%
82	14.553	1896	1900	1905	rVB3	93852	154623	11.30%	0.692%
83	14.612	1906	1910	1918	rBV6	50016	137788	10.07%	0.617%
84	14.688	1918	1923	1924	rBV2	130933	175526	12.83%	0.786%
85	14.712	1924	1927	1933	rVB	219787	364055	26.60%	1.630%
86	15.111	1991	1995	2000	rVB2	140070	226783	16.57%	1.016%
87	15.241	2012	2017	2026	rVB5	154559	275072	20.10%	1.232%
88	15.329	2028	2032	2037	rBV2	67798	131962	9.64%	0.591%
89	15.658	2086	2088	2098	rVB5	84368	162616	11.88%	0.728%
90	15.752	2100	2104	2107	rBV3	79041	127872	9.34%	0.573%
91	15.969	2135	2141	2147	rVB	379193	656384	47.96%	2.940%
92	16.192	2173	2179	2186	rVB2	403763	752684	55.00%	3.371%
93	16.445	2214	2222	2228	rBV	532004	990202	72.35%	4.435%
94	17.268	2358	2362	2372	rVB	373619	665931	48.66%	2.982%
95	17.456	2389	2394	2398	rBV	279999	447822	32.72%	2.006%
96	17.873	2462	2465	2471	rVB	109185	160297	11.71%	0.718%
97	18.642	2593	2596	2601	rBV2	59447	85601	6.25%	0.383%
98	19.565	2749	2753	2757	rVB2	206266	266568	19.48%	1.194%
99	19.847	2798	2801	2802	rBV	96874	114927	8.40%	0.515%
100	20.064	2833	2838	2845	rVB	1014128	1368571	100.00%	6.129%

Sum of corrected areas: 22329364

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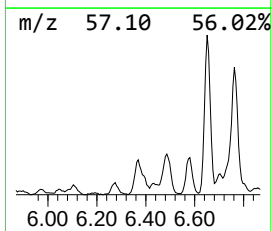
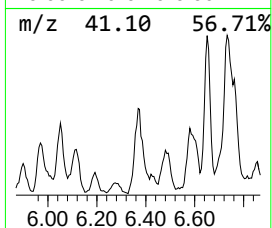
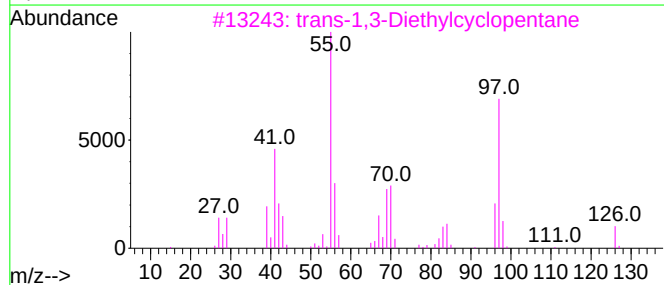
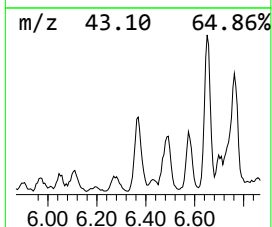
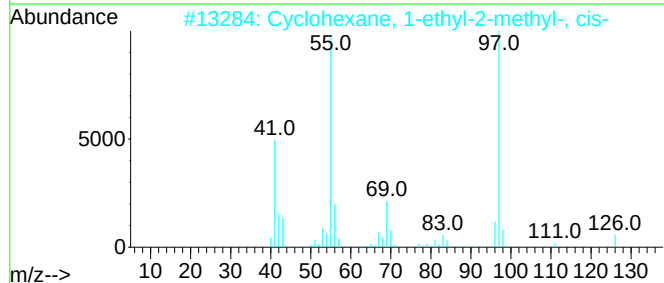
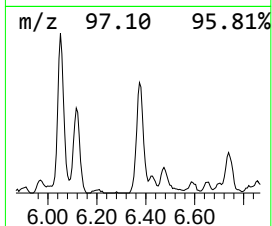
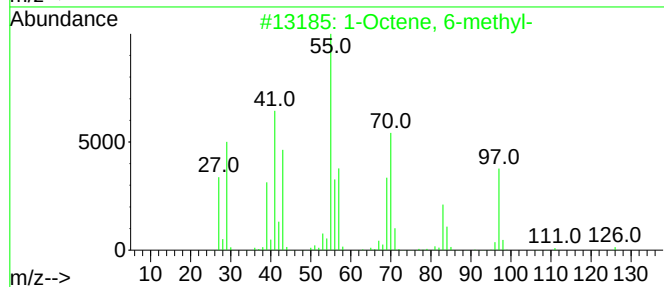
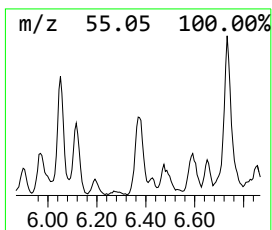
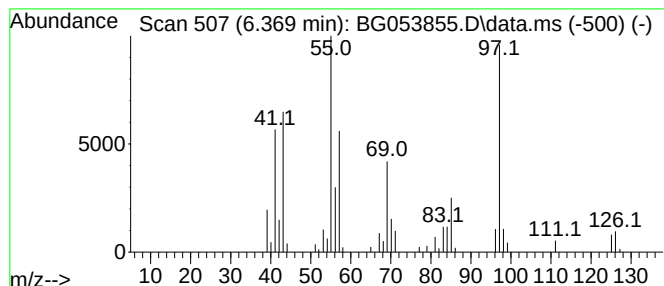
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Octene, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	12.63 ng	234701	1,4-Dichlorobenzene-d4	8.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 6-methyl-			126	C9H18	013151-10-5	72
2	Cyclohexane, 1-ethyl-2-methyl-, ...			126	C9H18	004923-77-7	68
3	trans-1,3-Diethylcyclopentane			126	C9H18	1000113-87-1	64
4	trans-1,2-Diethyl cyclopentane			126	C9H18	000932-40-1	64
5	Cyclohexane, 1,3-dimethyl-, trans-			112	C8H16	002207-03-6	64



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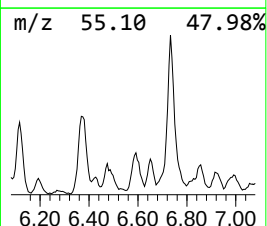
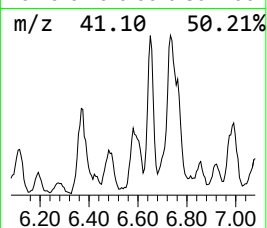
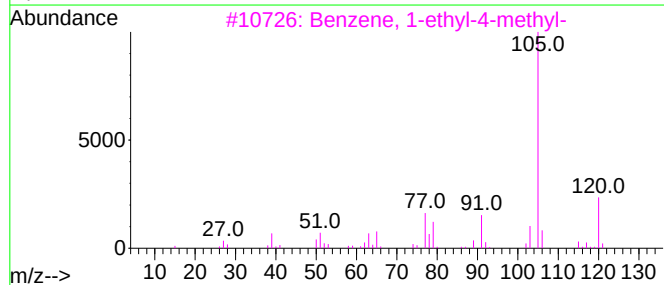
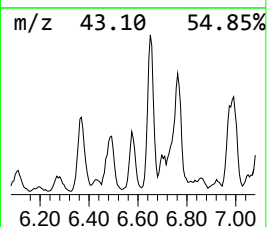
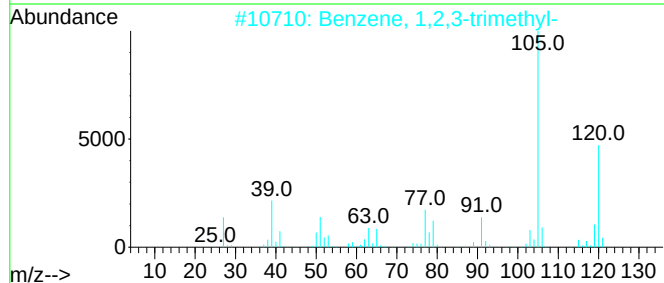
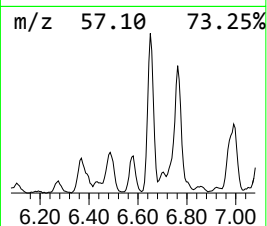
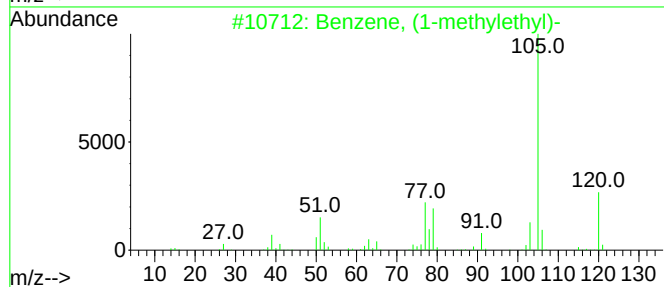
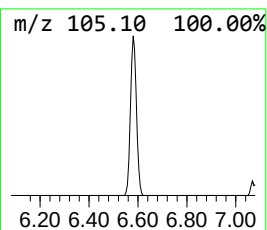
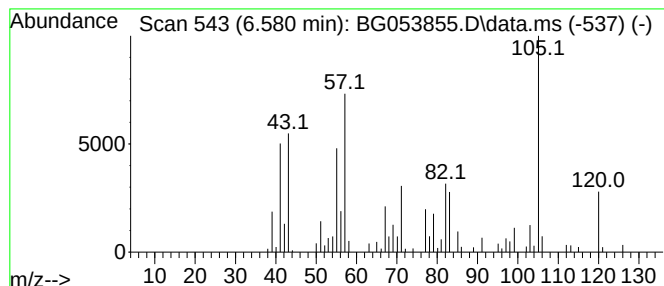
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.580	12.74 ng	236886	1,4-Dichlorobenzene-d4	8.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	86
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	30
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	30
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	30



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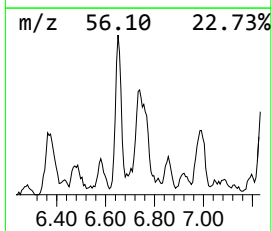
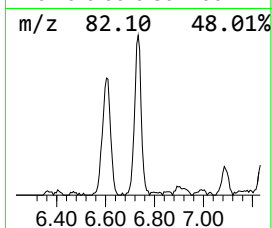
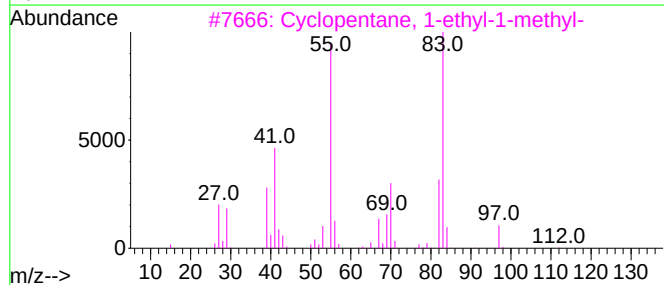
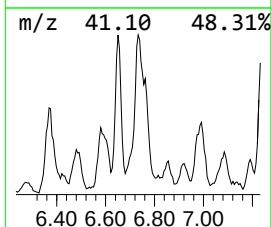
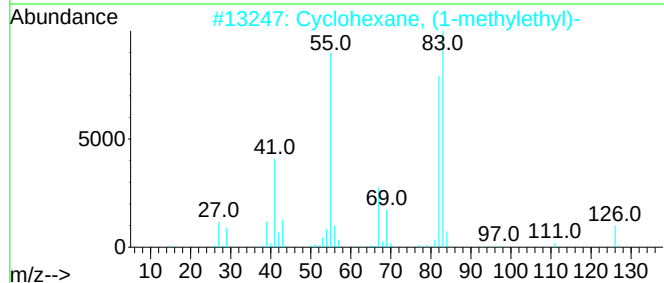
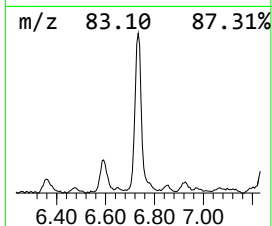
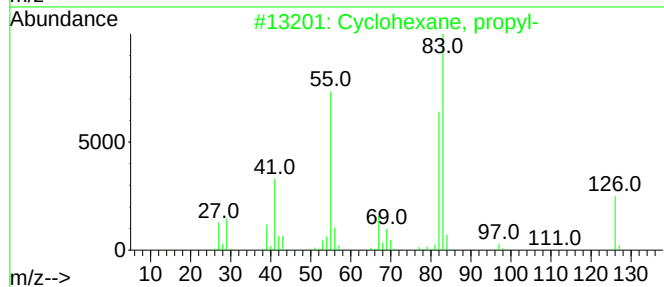
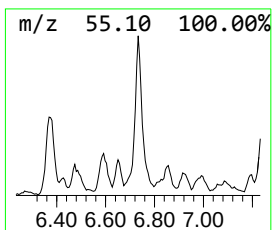
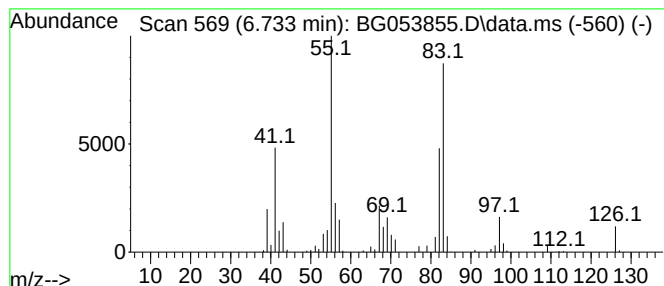
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.733	16.70 ng	310405	1,4-Dichlorobenzene-d4	8.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	68
4			3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	47
5			Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	43



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ClientSampleId :
WC-14B-10-GR

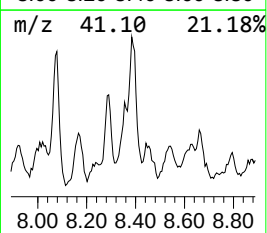
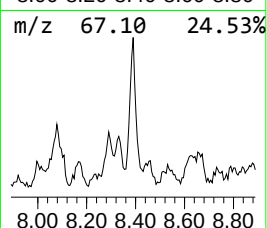
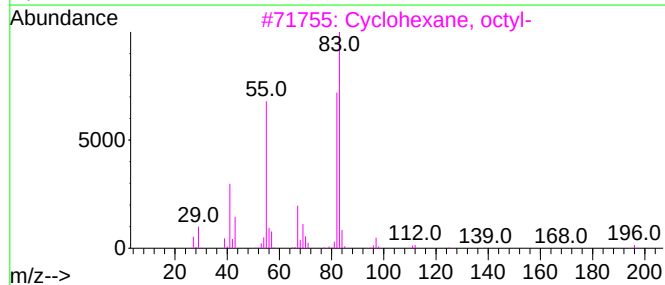
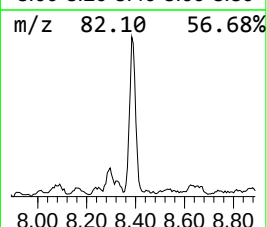
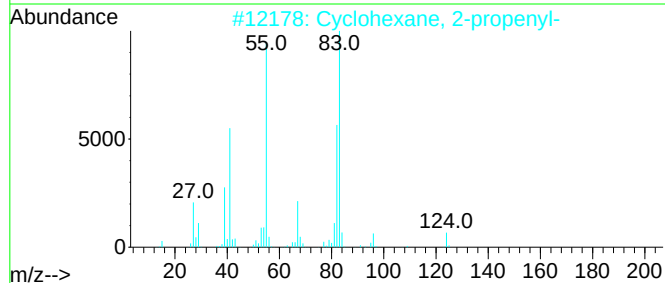
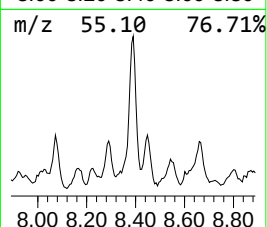
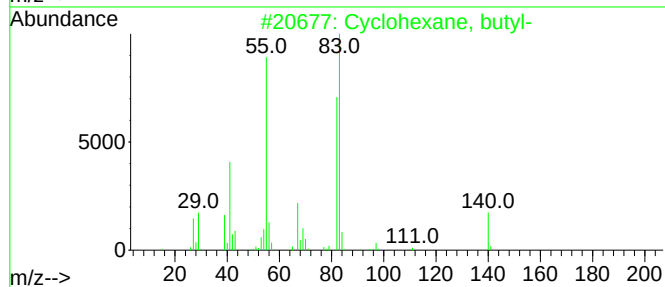
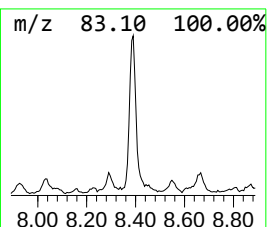
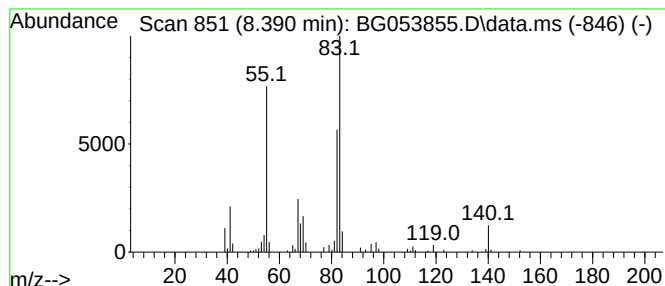
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.390	11.76 ng	218569	1,4-Dichlorobenzene-d4	8.090

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
5			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

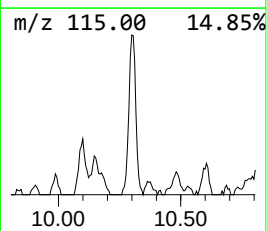
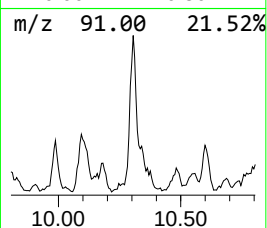
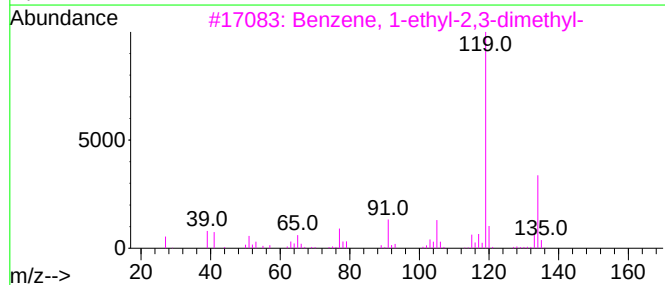
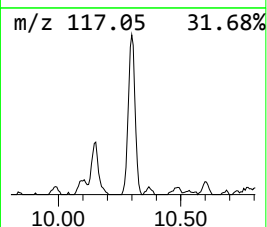
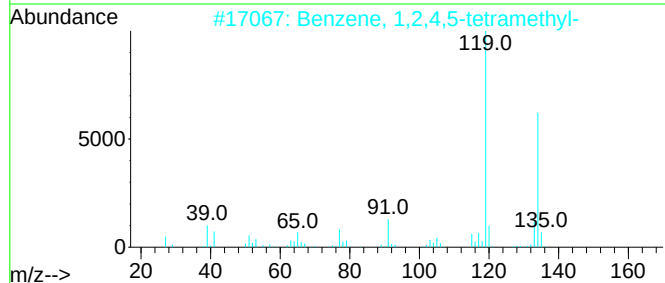
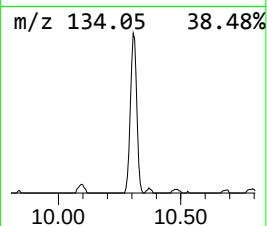
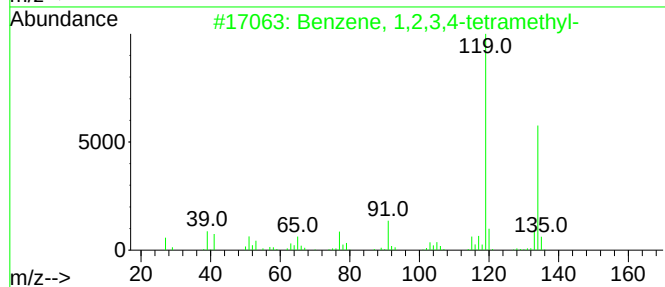
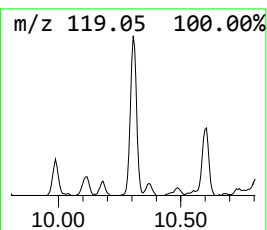
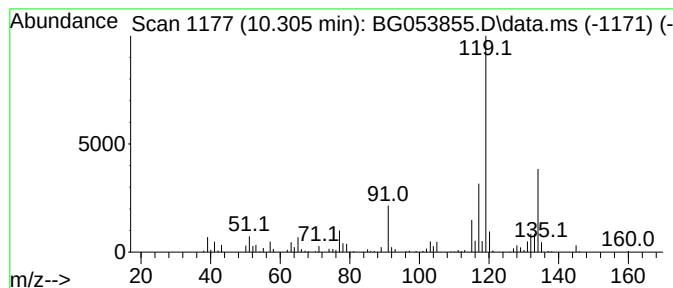
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.305	15.77 ng	308556	Naphthalene-d8	10.899

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
4			o-Cymene	134	C10H14	000527-84-4	81
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
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Sample : N3209-09
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

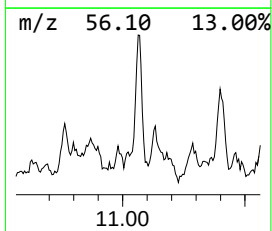
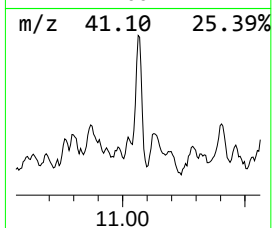
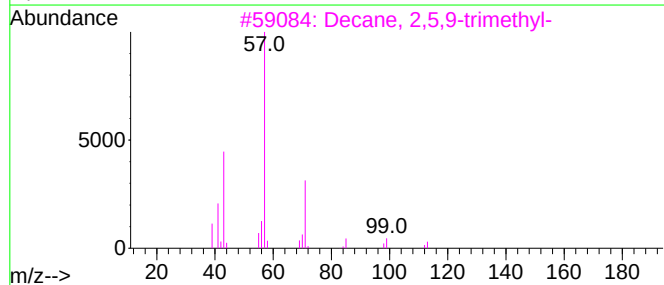
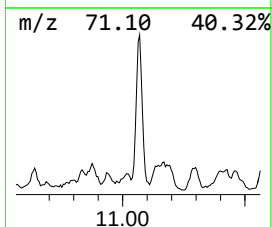
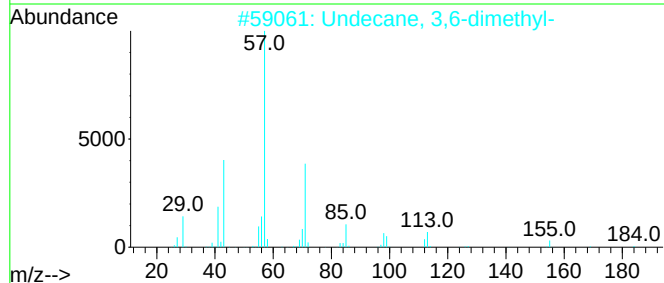
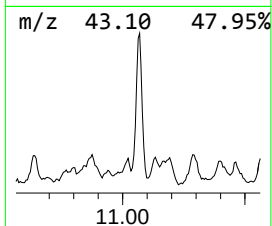
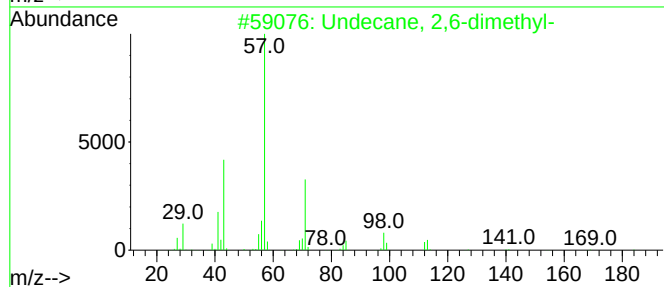
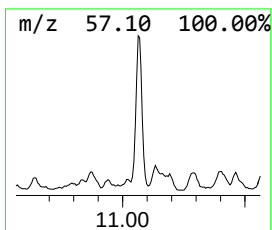
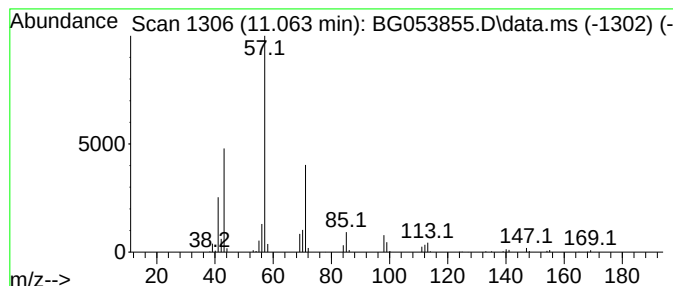
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	14.60 ng	285531	Naphthalene-d8	10.899

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
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Operator : CG/JU
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Instrument :
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ClientSampleId :
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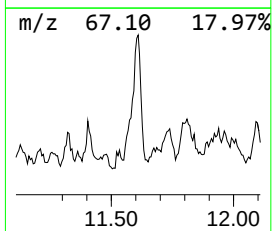
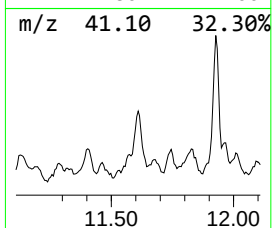
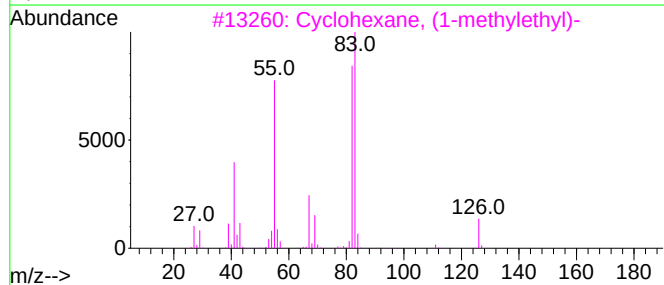
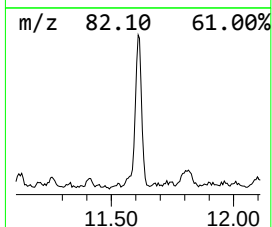
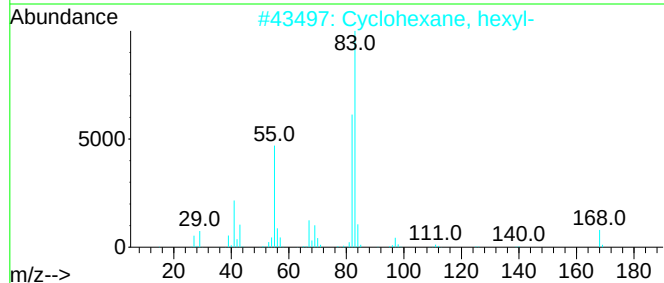
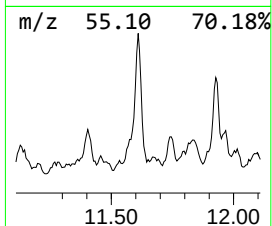
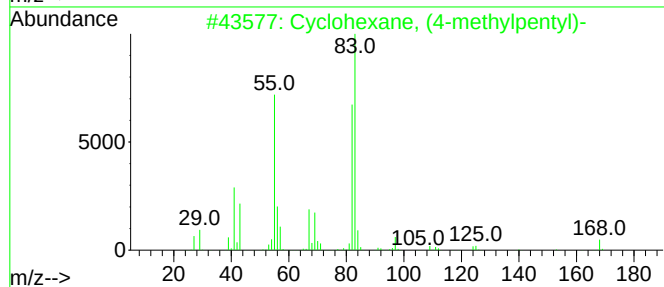
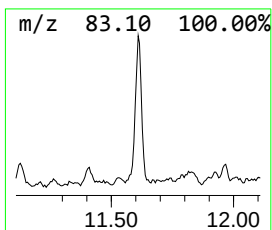
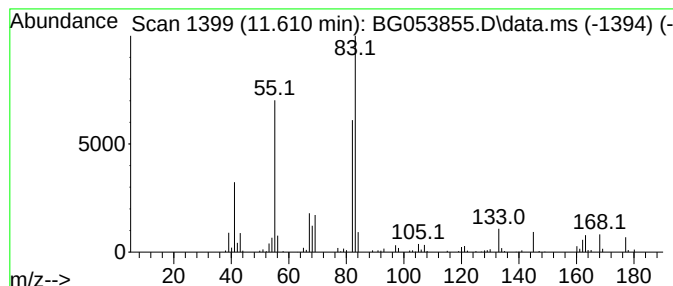
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	16.20 ng	316839	Naphthalene-d8	10.899

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-10-GR

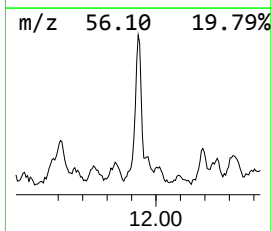
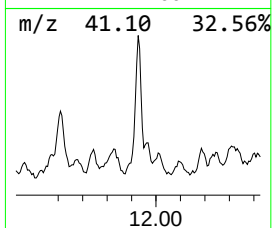
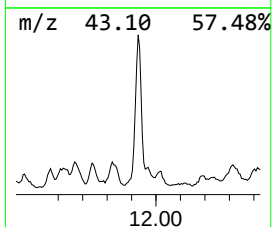
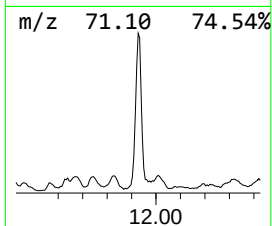
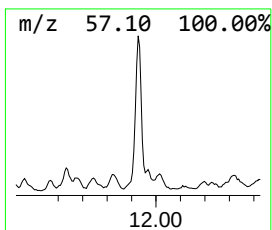
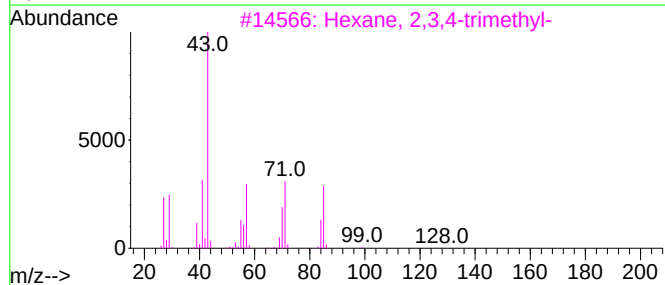
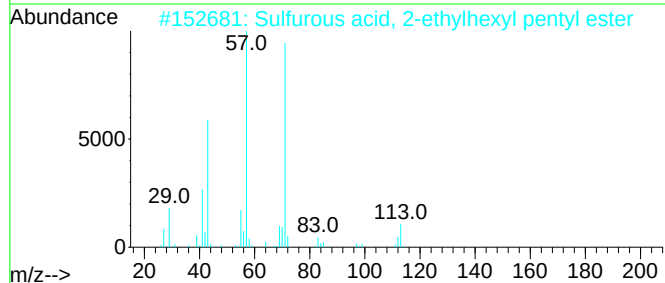
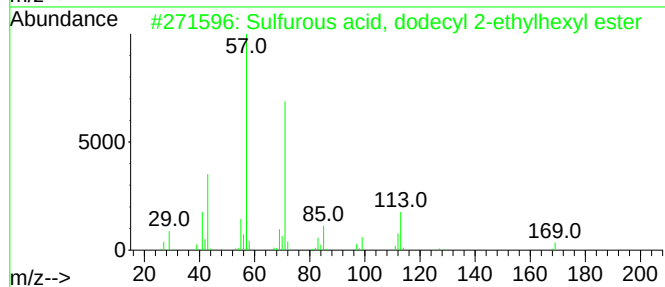
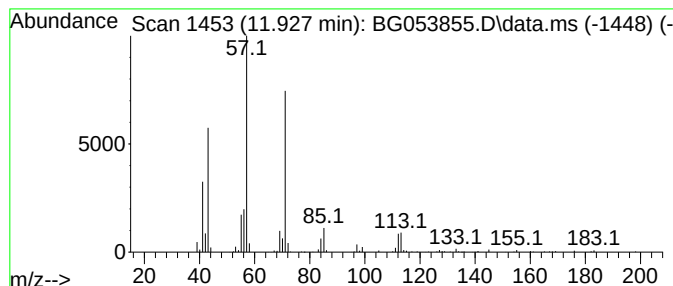
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, dodecyl 2-e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	24.63 ng	481871	Naphthalene-d8	10.899

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78
2			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
4			Heptacosane	380	C27H56	000593-49-7	53
5			Sulfurous acid, isobutyl pentyl ...	208	C9H20O3S	1000309-13-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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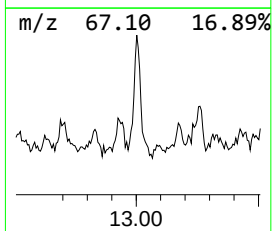
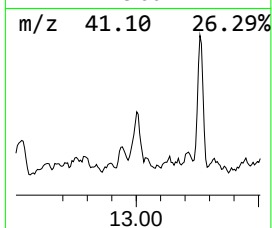
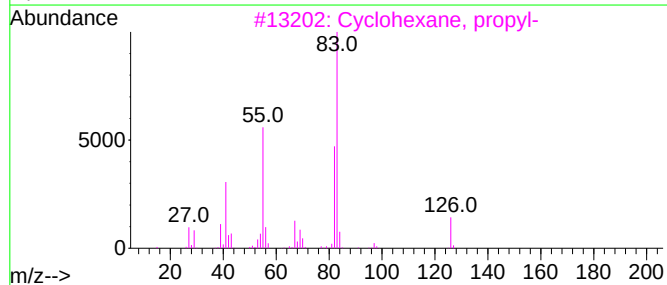
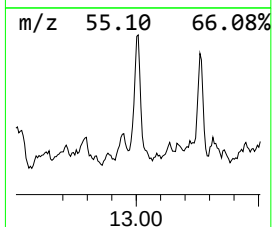
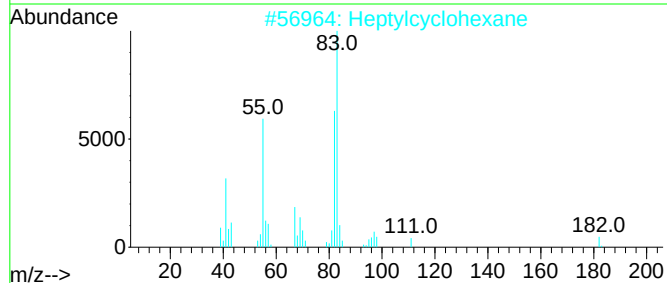
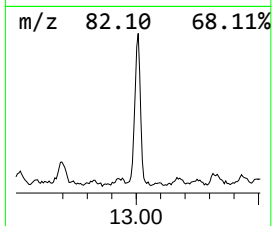
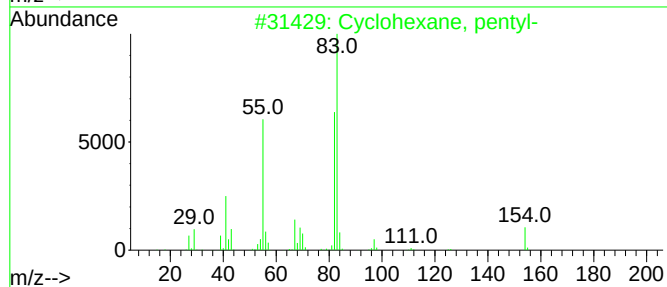
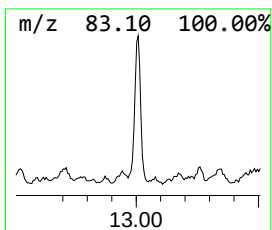
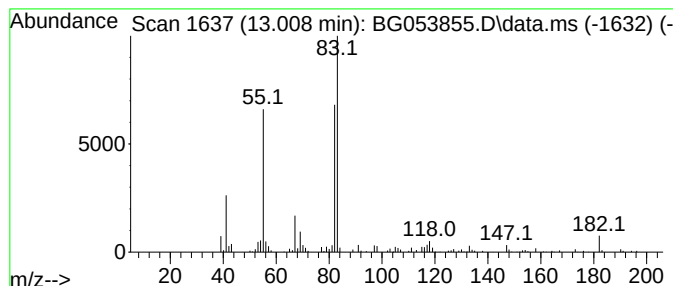
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, pentyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.008	11.70 ng	212894	Acenaphthene-d10	14.712

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
2		Heptylcyclohexane	182	C13H26	005617-41-4	72
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
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Acq On : 8 Jun 2022 16:43
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ALS Vial : 11 Sample Multiplier: 1

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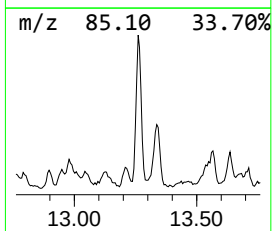
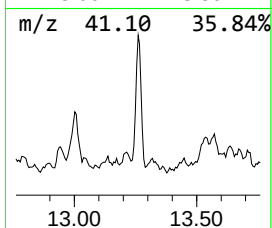
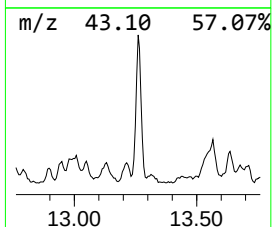
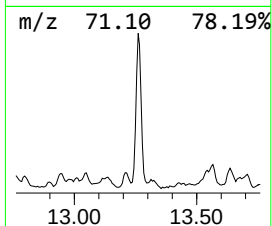
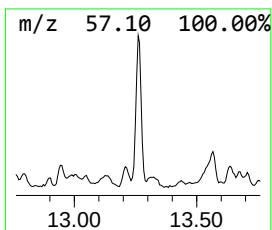
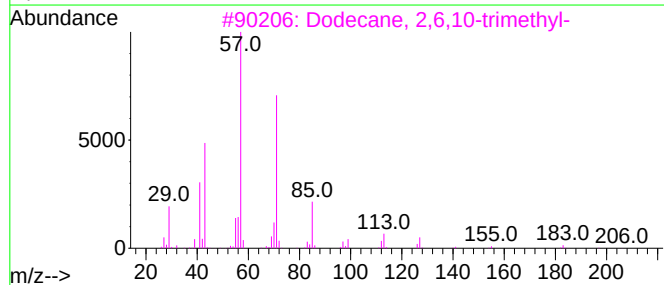
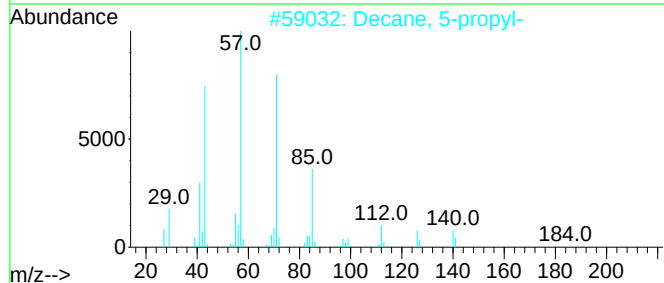
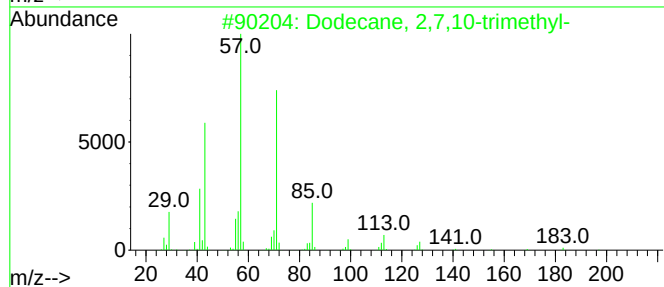
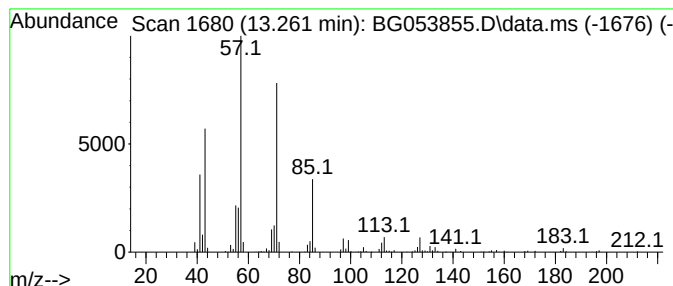
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.261	28.56 ng	519908	Acenaphthene-d10	14.712

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Decane, 5-propyl-	184	C13H28	017312-62-8	90
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

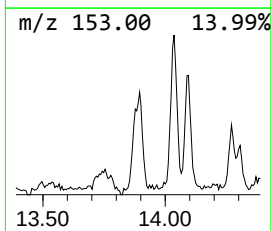
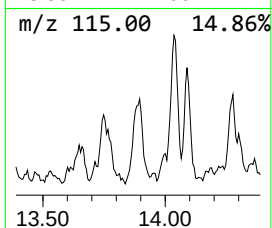
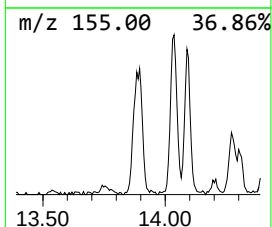
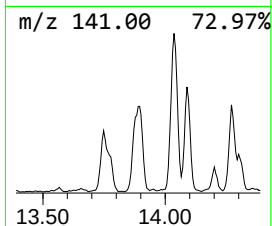
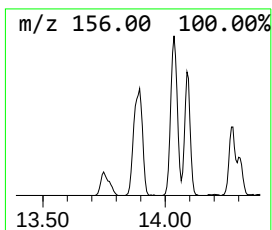
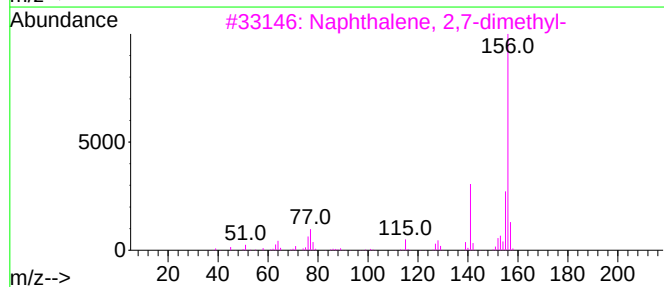
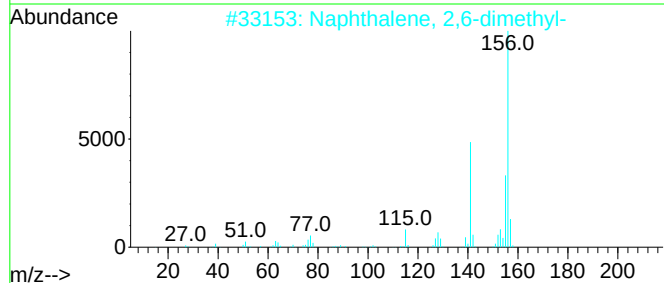
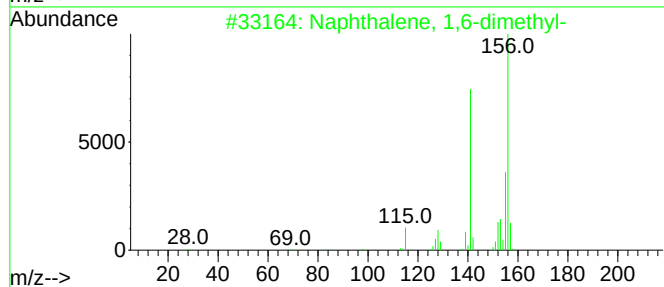
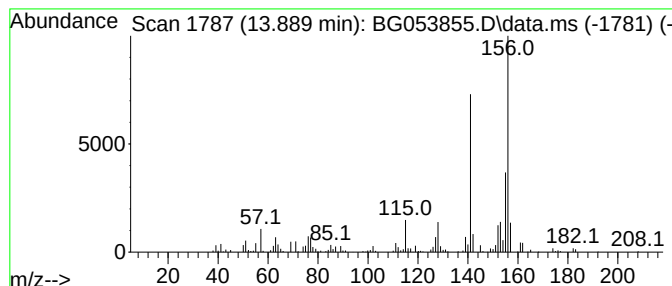
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	12.24 ng	222800	Acenaphthene-d10	14.712

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
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Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

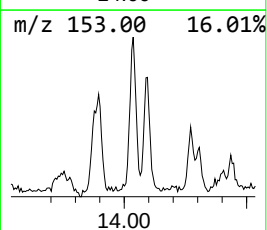
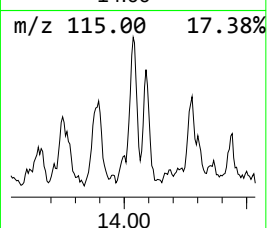
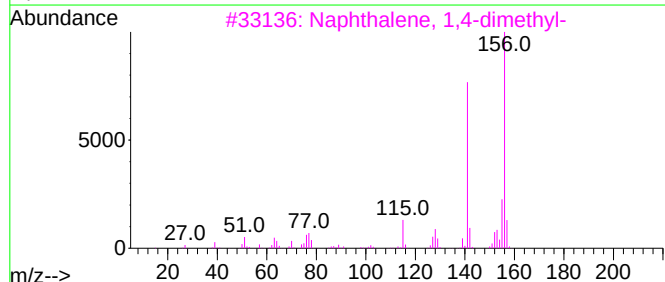
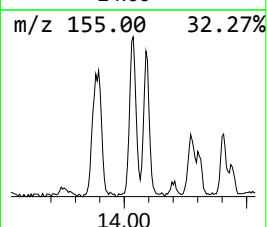
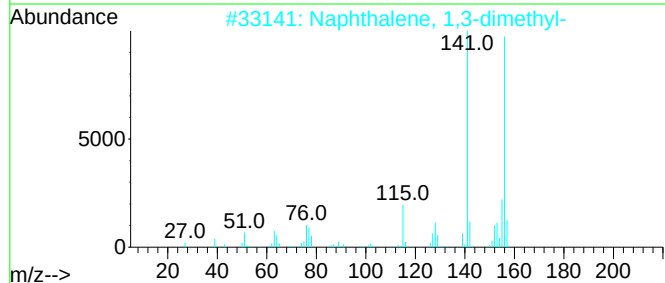
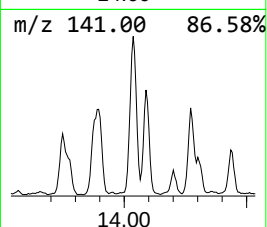
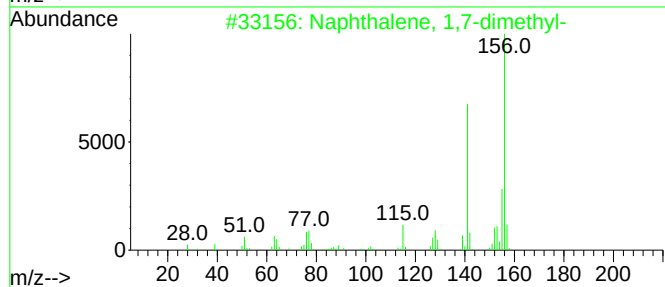
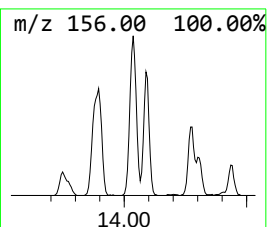
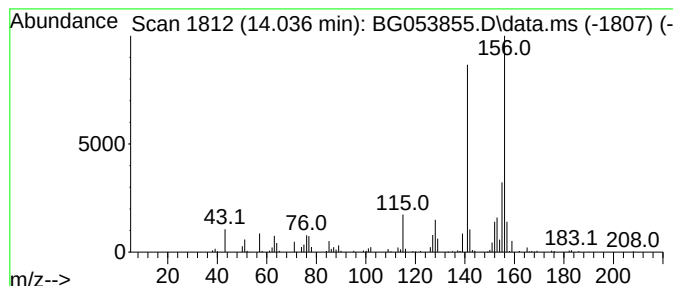
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	19.71 ng	358769	Acenaphthene-d10	14.712

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

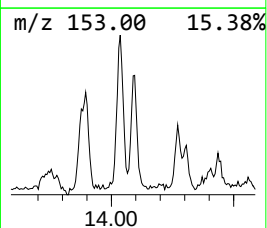
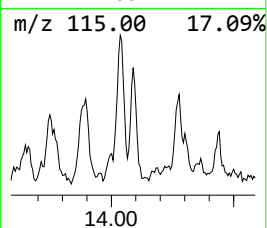
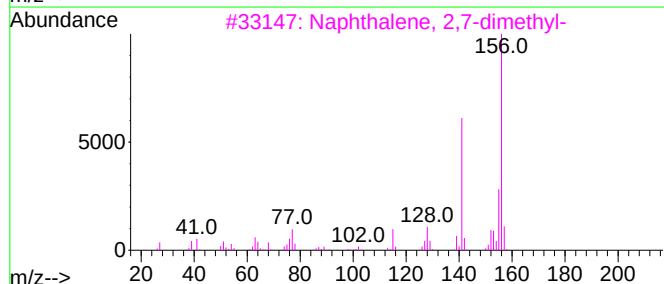
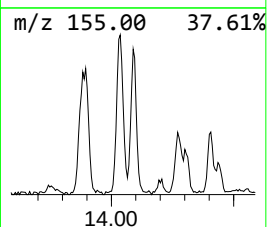
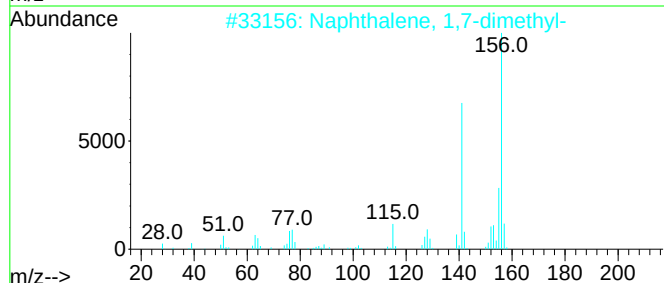
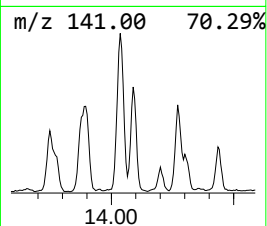
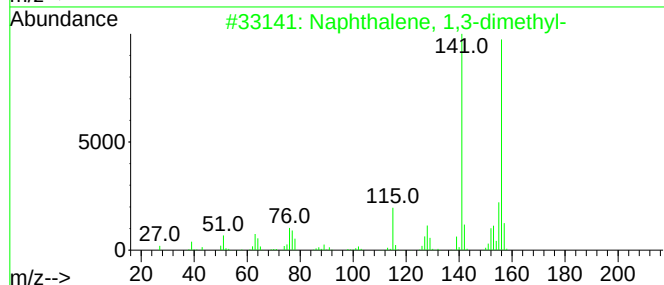
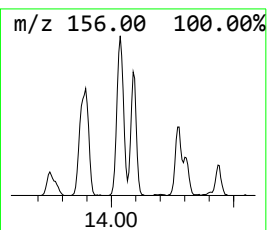
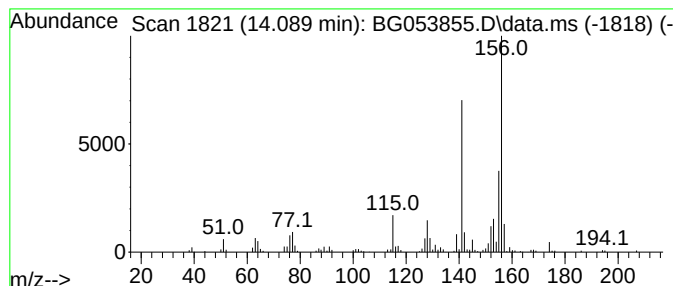
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	13.59 ng	247405	Acenaphthene-d10	14.712

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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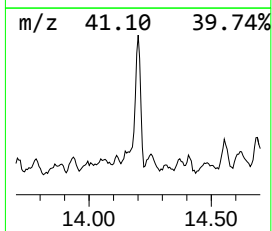
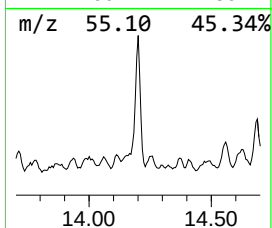
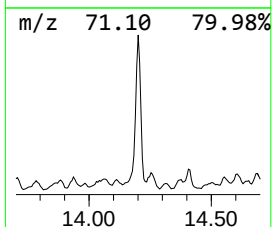
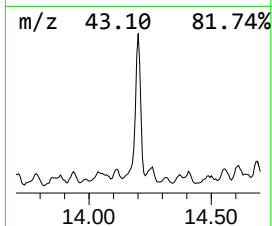
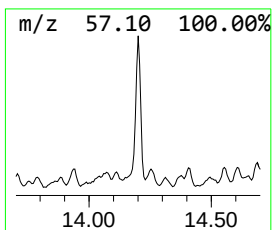
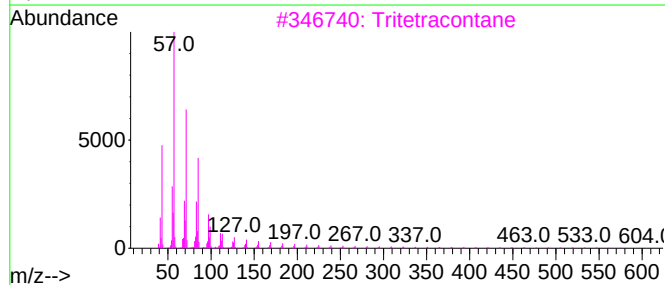
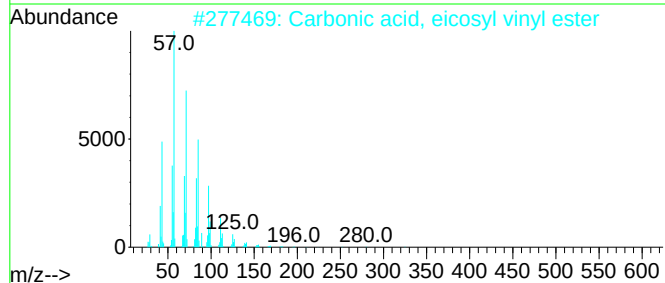
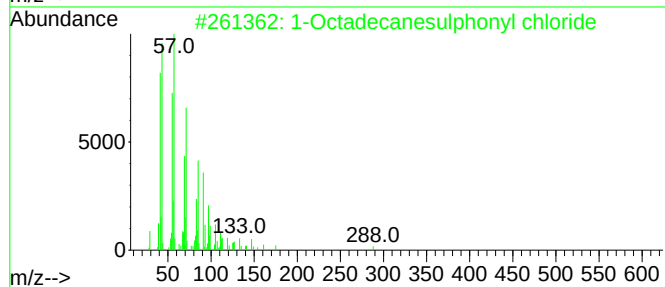
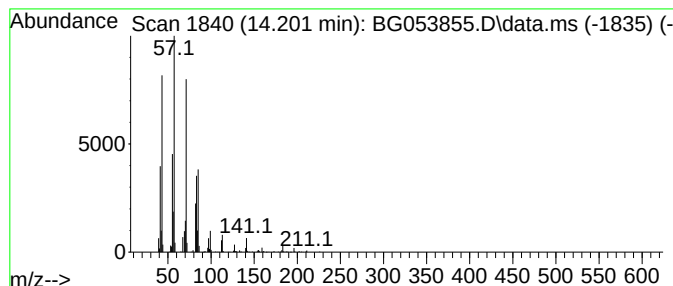
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Octadecanesulphonyl chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.201	35.70 ng	649843	Acenaphthene-d10	14.712

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
3			Tritetracontane	605	C43H88	007098-21-7	80
4			Decane, 5-propyl-	184	C13H28	017312-62-8	76
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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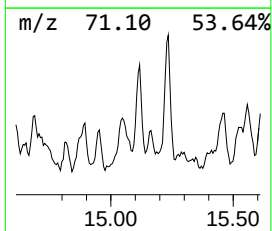
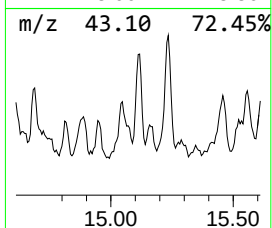
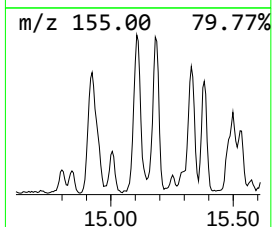
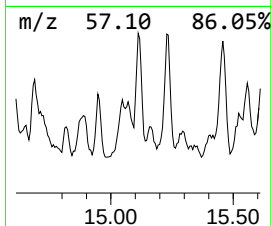
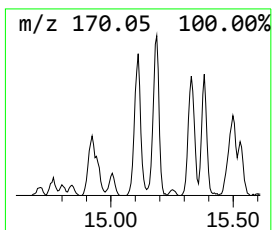
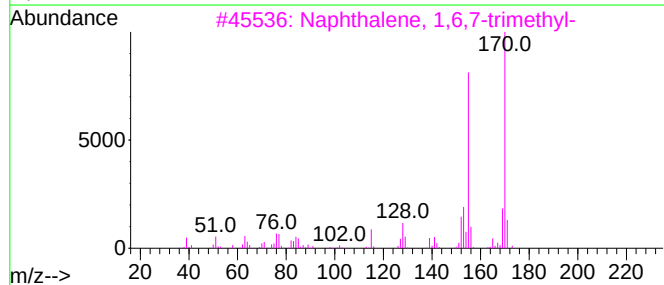
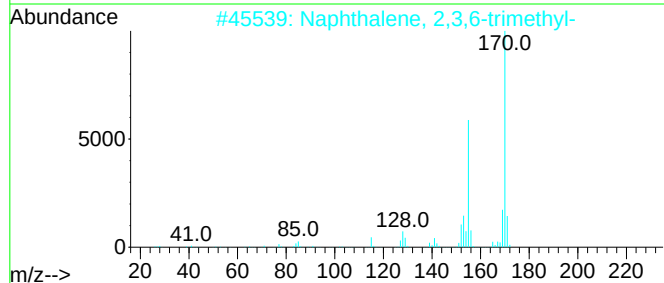
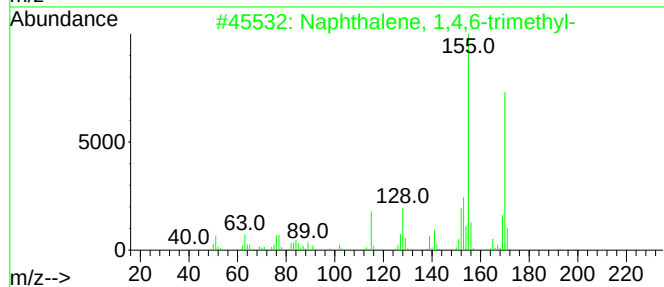
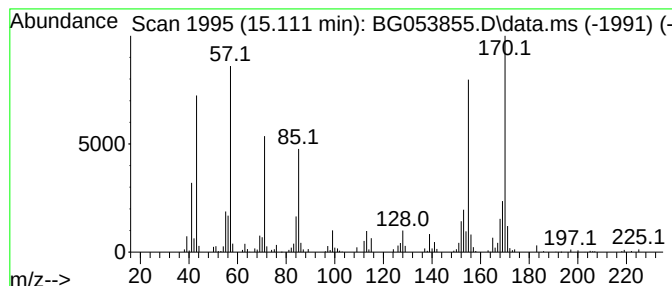
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.111	12.46 ng	226783	Acenaphthene-d10	14.712

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14B-10-GR

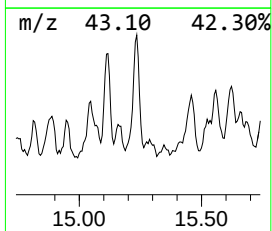
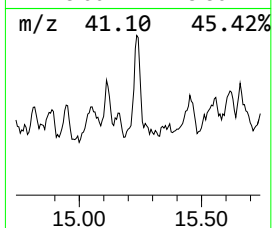
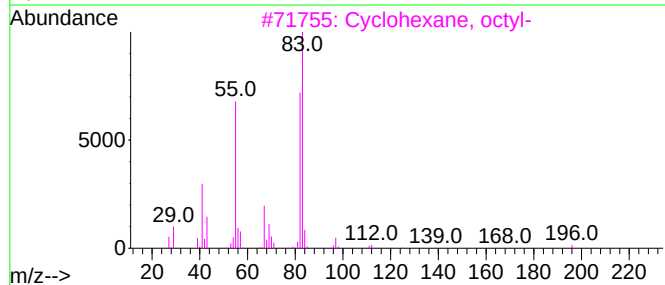
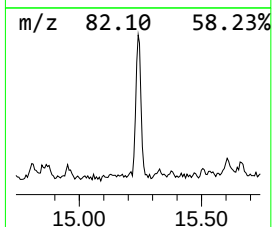
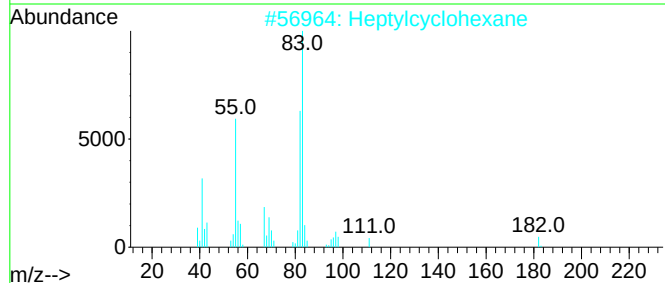
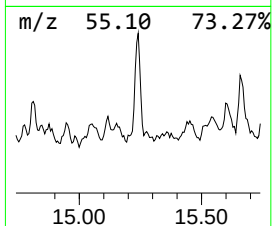
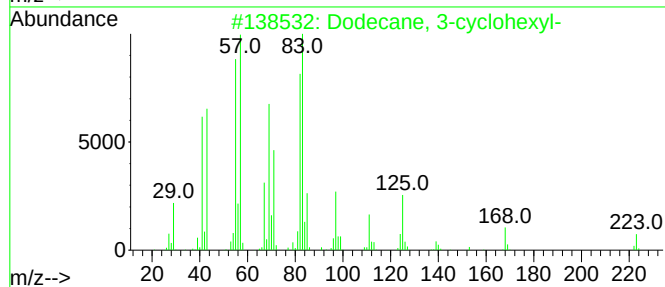
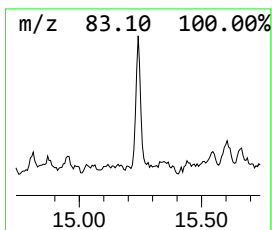
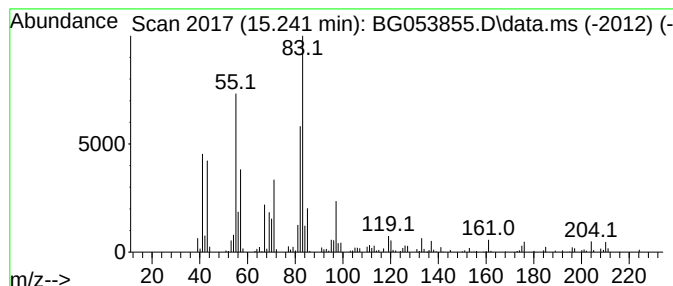
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 3-cyclohexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.241	15.11 ng	275072	Acenaphthene-d10	14.712

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	91
2			Heptylcyclohexane	182	C13H26	005617-41-4	59
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	58
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

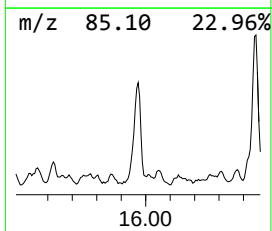
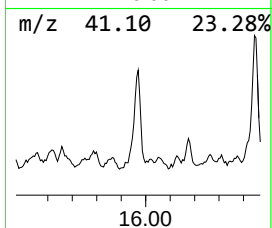
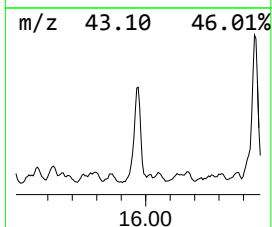
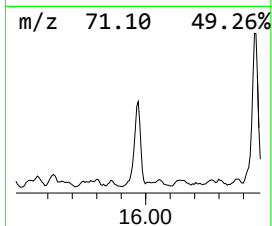
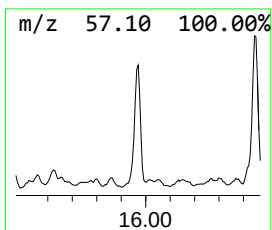
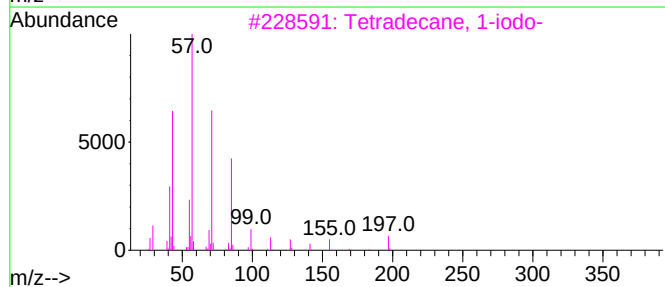
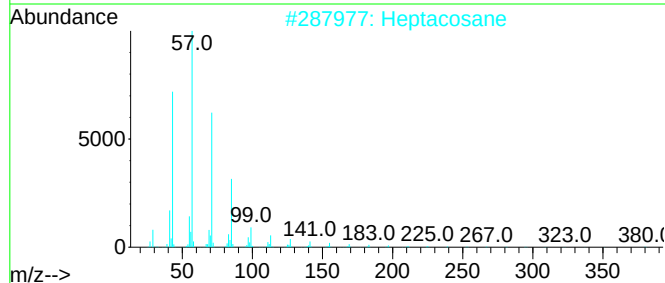
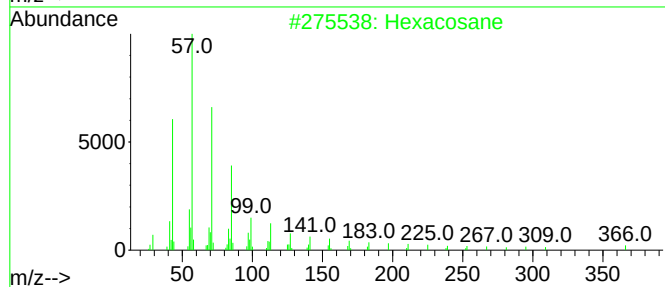
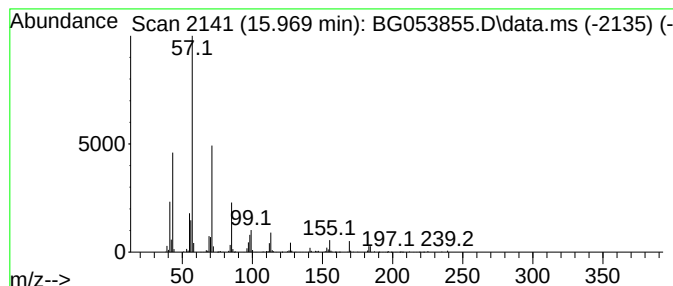
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BNA_G
ClientSampleId :
WC-14B-10-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.969	36.06 ng	656384	Acenaphthene-d10		14.712	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	86
2	Heptacosane		380	C27H56	000593-49-7	80
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	64
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	62
5	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

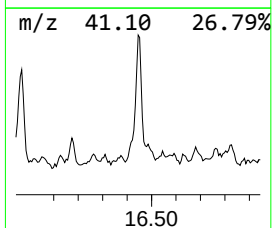
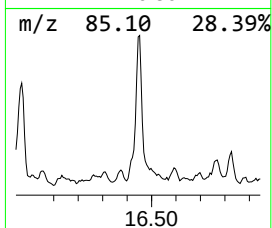
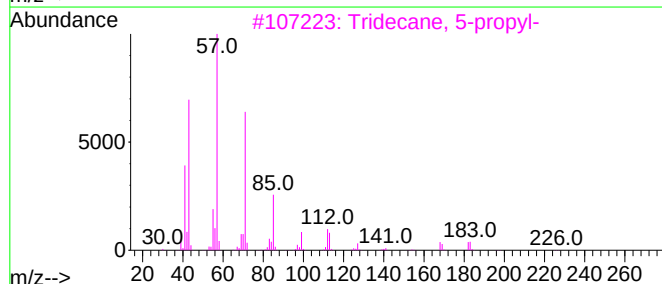
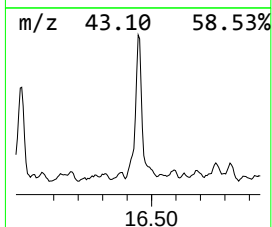
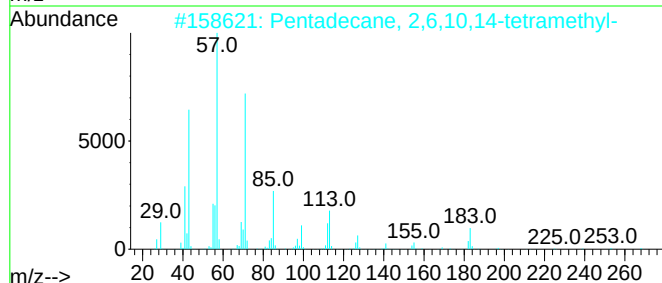
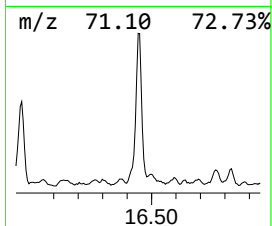
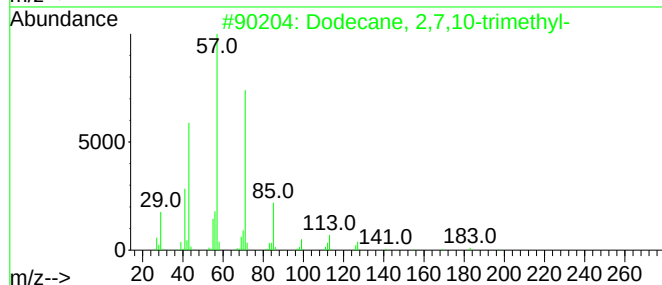
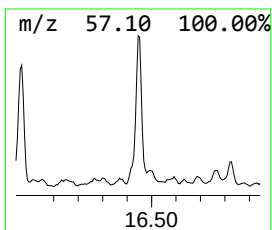
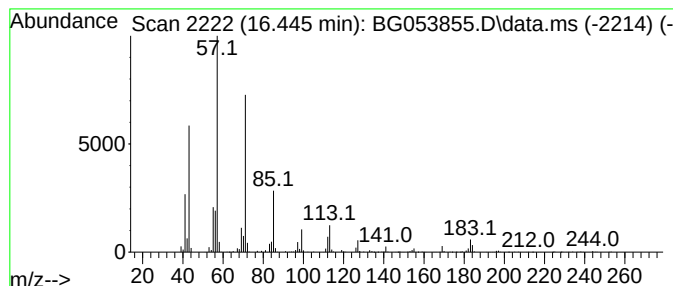
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ClientSampleId :
WC-14B-10-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.445	44.22 ng	990202	Phenanthrene-d10		17.456	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	90
2	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	86
3	Tridecane, 5-propyl-		226	C16H34	055045-11-9	80
4	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	80
5	Heptane, 2,6-dimethyl-		128	C9H20	001072-05-5	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14B-10-GR

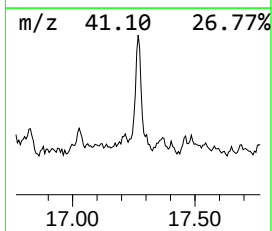
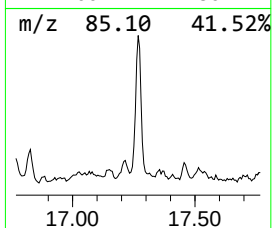
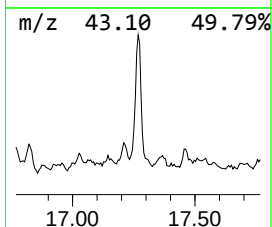
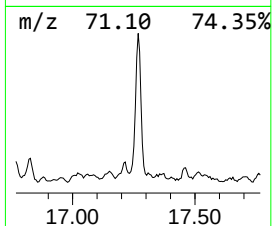
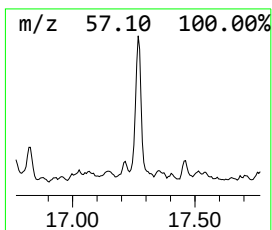
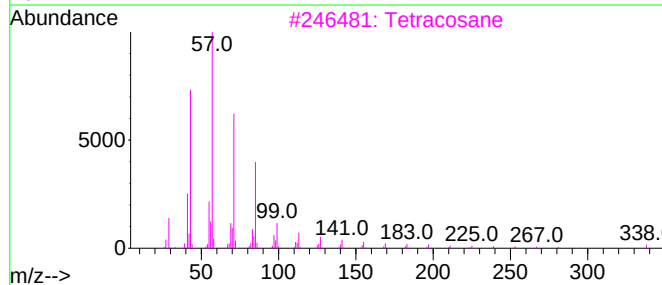
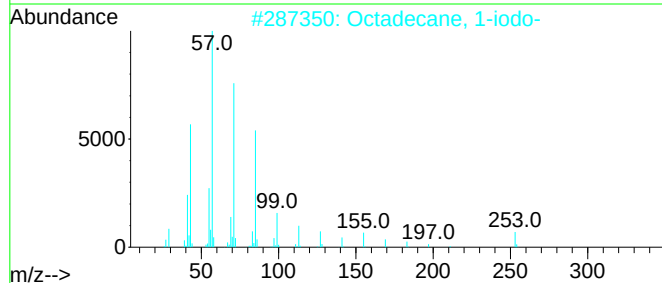
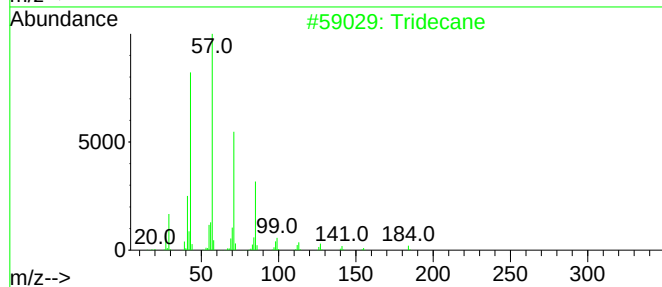
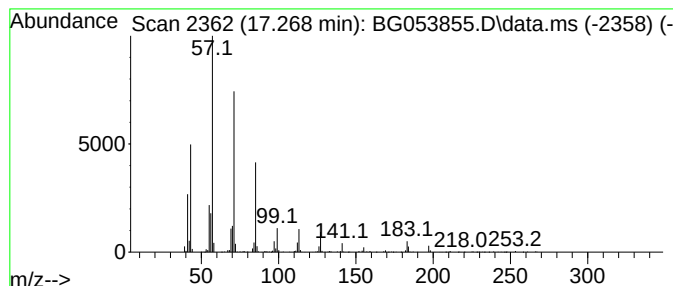
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	29.74 ng	665931	Phenanthrene-d10	17.456

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
Data File : BG053855.D
Acq On : 8 Jun 2022 16:43
Operator : CG/JU
Sample : N3209-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

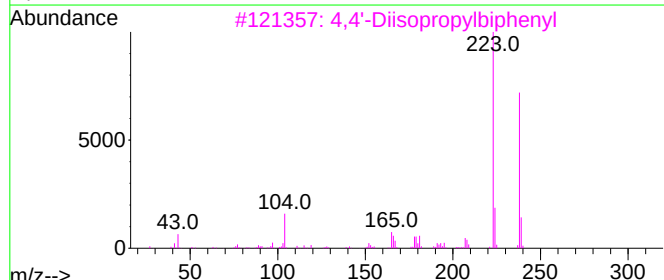
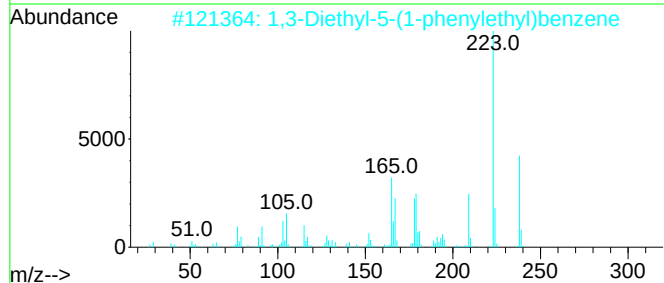
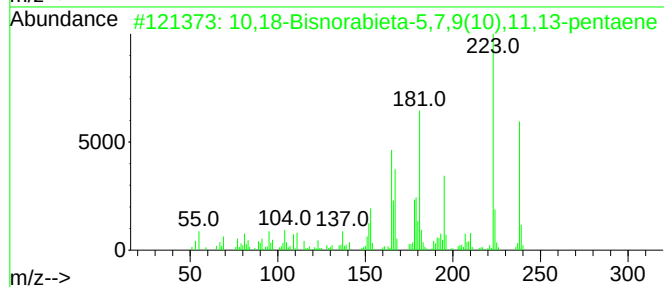
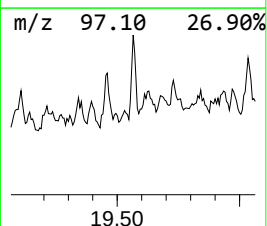
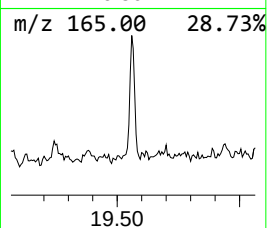
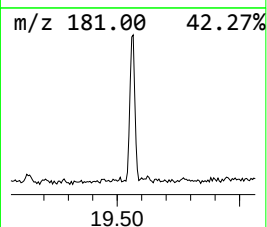
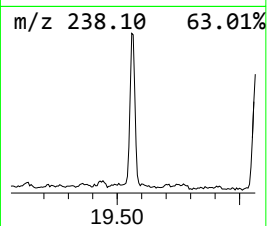
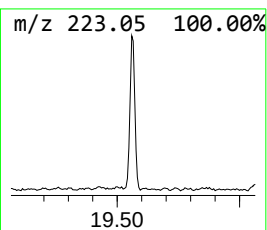
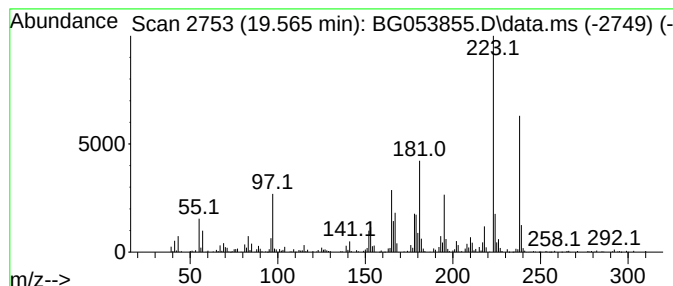
Instrument :
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ClientSampleId :
WC-14B-10-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.565	11.91 ng	266568	Phenanthrene-d10	17.456		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22		006566-19-4	91
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22		1000482-32-6	83
3	4,4'-Diisopropylbiphenyl	238	C18H22		018970-30-4	60
4	cyclopropanone, 2-(4-methoxyphen...	238	C16H14O2		1000401-16-2	52
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2		013076-29-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053855.D
 Acq On : 8 Jun 2022 16:43
 Operator : CG/JU
 Sample : N3209-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-10-GR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.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
1-Octene, 6-met...	6.369	12.6	ng	234701	1	8.090	371766	20.0
Benzene, (1-met...	6.580	12.7	ng	236886	1	8.090	371766	20.0
Cyclohexane, pr...	6.733	16.7	ng	310405	1	8.090	371766	20.0
Cyclohexane, bu...	8.390	11.8	ng	218569	1	8.090	371766	20.0
Benzene, 1,2,3,...	10.305	15.8	ng	308556	2	10.899	391255	20.0
Undecane, 2,6-d...	11.063	14.6	ng	285531	2	10.899	391255	20.0
Cyclohexane, (4...	11.610	16.2	ng	316839	2	10.899	391255	20.0
Sulfurous acid,...	11.927	24.6	ng	481871	2	10.899	391255	20.0
Cyclohexane, pe...	13.008	11.7	ng	212894	3	14.712	364055	20.0
Dodecane, 2,7,1...	13.261	28.6	ng	519908	3	14.712	364055	20.0
Naphthalene, 1,...	13.889	12.2	ng	222800	3	14.712	364055	20.0
Naphthalene, 1,...	14.036	19.7	ng	358769	3	14.712	364055	20.0
Naphthalene, 1,...	14.089	13.6	ng	247405	3	14.712	364055	20.0
1-Octadecanesul...	14.201	35.7	ng	649843	3	14.712	364055	20.0
Naphthalene, 1,...	15.111	12.5	ng	226783	3	14.712	364055	20.0
Dodecane, 3-cyc...	15.241	15.1	ng	275072	3	14.712	364055	20.0
Hexacosane	15.969	36.1	ng	656384	3	14.712	364055	20.0
Pentadecane, 2,...	16.445	44.2	ng	990202	4	17.456	447822	20.0
Tridecane	17.268	29.7	ng	665931	4	17.456	447822	20.0
10,18-Bisnorabi...	19.565	11.9	ng	266568	4	17.456	447822	20.0