

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053293.D
 Acq On : 23 Apr 2022 15:04
 Operator : CG/JU
 Sample : N2514-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053293.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.673	381	389	399	rBV	402553	669451	42.48%	4.272%
2	6.378	502	509	516	rBV5	17347	42242	2.68%	0.270%
3	6.489	523	528	535	rVB5	8813	20972	1.33%	0.134%
4	6.595	539	546	548	rBV4	13424	26965	1.71%	0.172%
5	6.660	553	557	561	rVB	24187	34572	2.19%	0.221%
6	6.742	567	571	574	rBV3	22061	35543	2.26%	0.227%
7	7.000	607	615	622	rVB5	14144	34180	2.17%	0.218%
8	7.100	622	632	638	rBV10	12168	27727	1.76%	0.177%
9	7.271	653	661	675	rBV	449710	834354	52.94%	5.325%
10	7.435	685	689	694	rVB6	10170	19801	1.26%	0.126%
11	7.494	694	699	702	rBV4	11848	19420	1.23%	0.124%
12	7.594	712	716	722	rBV4	11933	19058	1.21%	0.122%
13	8.017	781	788	791	rBV7	8493	20374	1.29%	0.130%
14	8.111	795	804	810	rVV2	96574	215562	13.68%	1.376%
15	8.175	810	815	820	rVB6	11942	24873	1.58%	0.159%
16	8.293	830	835	840	rBV5	18206	29932	1.90%	0.191%
17	8.398	849	853	860	rVB3	25327	44821	2.84%	0.286%
18	8.951	942	947	952	rBV4	19014	34797	2.21%	0.222%
19	9.221	982	993	995	rBV6	37706	87661	5.56%	0.559%
20	9.268	995	1001	1016	rVB	297457	592348	37.59%	3.780%
21	9.432	1024	1029	1030	rBV2	15911	21275	1.35%	0.136%
22	9.585	1050	1055	1060	rVB6	13117	27642	1.75%	0.176%
23	9.691	1068	1073	1077	rVB6	12721	20447	1.30%	0.130%
24	9.750	1079	1083	1088	rBV4	17228	27739	1.76%	0.177%
25	9.844	1094	1099	1103	rVB4	14795	22995	1.46%	0.147%
26	9.996	1116	1125	1128	rBV8	17646	39709	2.52%	0.253%
27	10.043	1129	1133	1138	rVB2	26309	42821	2.72%	0.273%
28	10.102	1138	1143	1149	rBV6	32955	61405	3.90%	0.392%
29	10.319	1175	1180	1185	rBV7	26707	54468	3.46%	0.348%
30	10.502	1206	1211	1220	rVB9	14873	38909	2.47%	0.248%
31	10.631	1226	1233	1234	rBV3	12899	25850	1.64%	0.165%
32	10.695	1240	1244	1250	rBV7	11294	23031	1.46%	0.147%
33	10.919	1271	1282	1291	rBV	133683	339187	21.52%	2.165%
34	11.036	1297	1302	1304	rBV4	20879	36115	2.29%	0.230%
35	11.071	1304	1308	1314	rVB	72267	120969	7.68%	0.772%
36	11.136	1314	1319	1327	rBV9	30524	62933	3.99%	0.402%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	11.418	1362	1367	1372	rVB6	25549	47301	3.00%	0.302%
38	11.477	1372	1377	1383	rVB9	15393	37216	2.36%	0.237%
39	11.547	1384	1389	1391	rBV5	13188	24487	1.55%	0.156%
40	11.618	1397	1401	1409	rVB6	65422	127800	8.11%	0.816%
41	11.688	1409	1413	1418	rVB7	16935	32572	2.07%	0.208%
42	11.753	1419	1424	1429	rBV7	26693	46898	2.98%	0.299%
43	11.829	1434	1437	1444	rVB8	29983	65531	4.16%	0.418%
44	11.935	1450	1455	1459	rBV	123949	190863	12.11%	1.218%
45	11.970	1459	1461	1465	rVV4	48677	66908	4.25%	0.427%
46	12.017	1465	1469	1475	rVB6	56916	115828	7.35%	0.739%
47	12.105	1481	1484	1491	rVB6	26423	50860	3.23%	0.325%
48	12.199	1497	1500	1504	rBV5	24184	30181	1.92%	0.193%
49	12.534	1552	1557	1566	rVB3	66700	160154	10.16%	1.022%
50	12.646	1572	1576	1584	rBV8	25293	67003	4.25%	0.428%
51	12.951	1624	1628	1632	rBV7	32385	51760	3.28%	0.330%
52	13.010	1635	1638	1647	rVB2	74518	152496	9.68%	0.973%
53	13.086	1649	1651	1658	rBV8	17646	37542	2.38%	0.240%
54	13.268	1677	1682	1688	rVB	253183	366870	23.28%	2.341%
55	13.356	1690	1697	1707	rVB	796396	1274686	80.89%	8.135%
56	13.533	1722	1727	1732	rBV7	67375	147800	9.38%	0.943%
57	13.791	1768	1771	1777	rVB6	43078	68882	4.37%	0.440%
58	14.056	1813	1816	1821	rVB4	54726	86633	5.50%	0.553%
59	14.161	1830	1834	1838	rBV2	134393	206977	13.13%	1.321%
60	14.208	1838	1842	1847	rVB	382931	516032	32.74%	3.293%
61	14.567	1899	1903	1908	rVB2	189566	287960	18.27%	1.838%
62	14.696	1921	1925	1927	rBV2	111802	161837	10.27%	1.033%
63	14.731	1928	1931	1937	rVB	239439	381961	24.24%	2.438%
64	14.819	1943	1946	1949	rBV5	55796	81623	5.18%	0.521%
65	15.125	1994	1998	2004	rVB3	90739	138236	8.77%	0.882%
66	15.248	2014	2019	2031	rVB4	144144	300325	19.06%	1.917%
67	15.524	2062	2066	2074	rVB5	161898	291680	18.51%	1.861%
68	15.976	2138	2143	2149	rVB	400609	627899	39.84%	4.007%
69	16.188	2176	2179	2180	rBV2	84077	90931	5.77%	0.580%
70	16.217	2180	2184	2190	rVB	511724	789386	50.09%	5.038%
71	16.452	2219	2224	2229	rBV	874610	1311393	83.21%	8.369%
72	17.275	2360	2364	2376	rVB	586807	973482	61.77%	6.212%
73	17.480	2394	2399	2404	rBV3	285241	547157	34.72%	3.492%
74	17.886	2464	2468	2473	rBV	238590	336765	21.37%	2.149%
75	20.083	2838	2842	2847	rVB	1250773	1575911	100.00%	10.057%

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WC-16-1A-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Sum of corrected areas: 15669974

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Data File : BG053293.D
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Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5

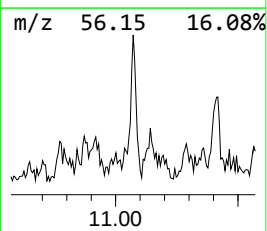
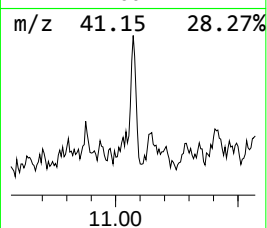
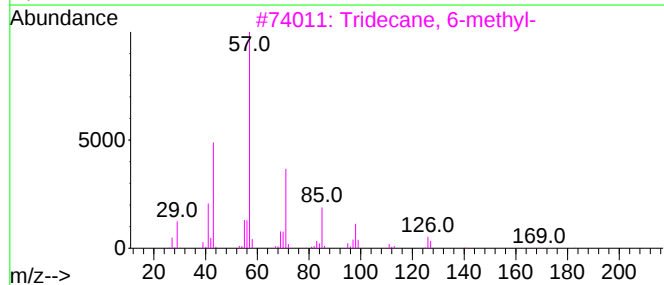
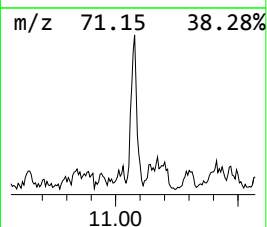
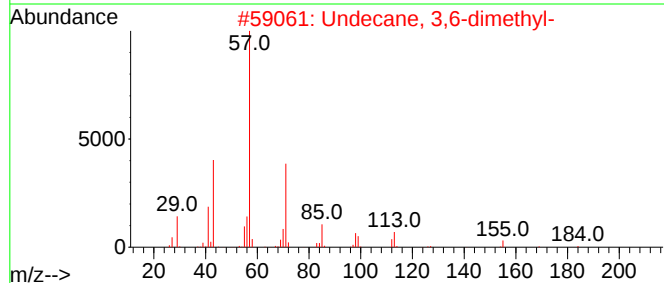
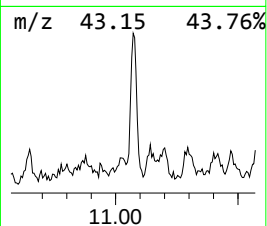
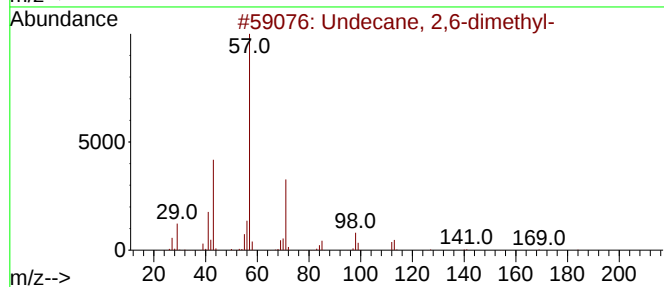
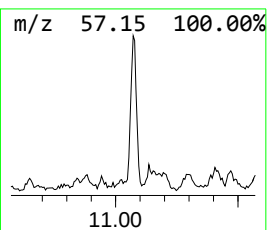
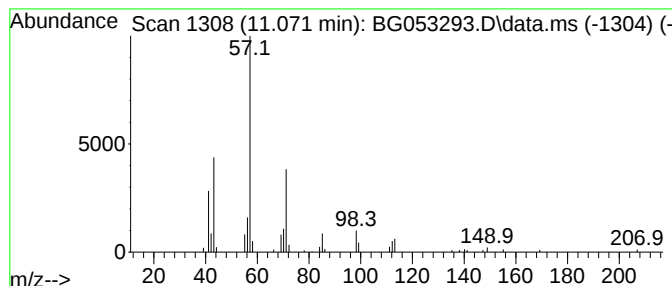
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.071	7.13 ng	120969	Naphthalene-d8	10.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	83
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
5			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64



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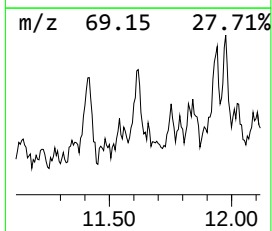
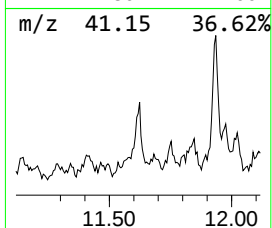
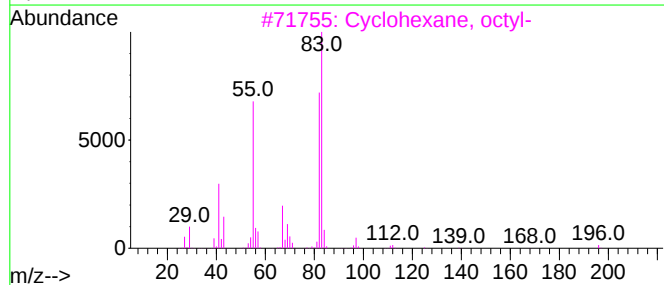
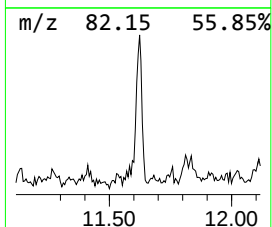
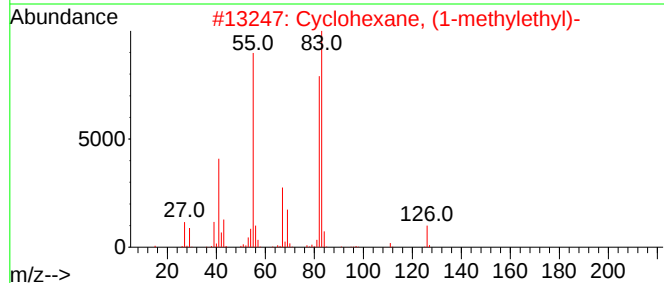
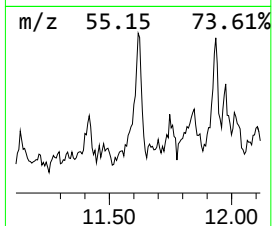
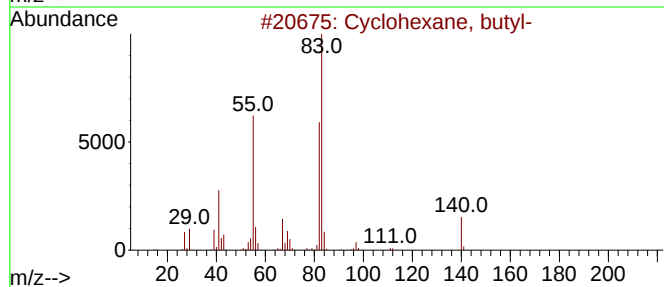
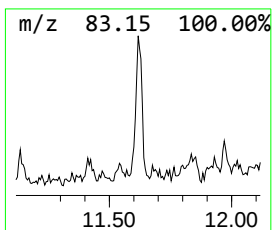
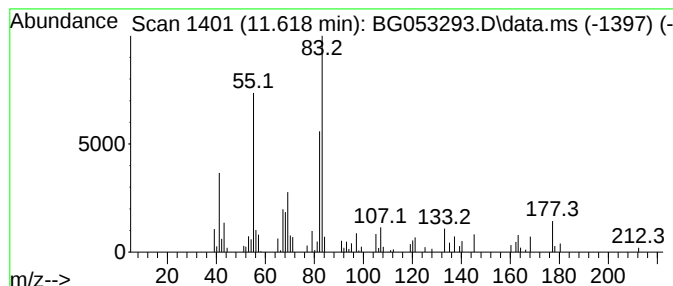
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.618	7.54 ng	127800	Naphthalene-d8	10.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	74
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64



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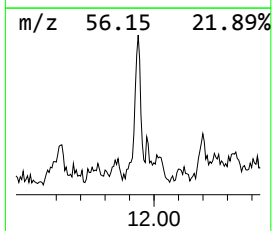
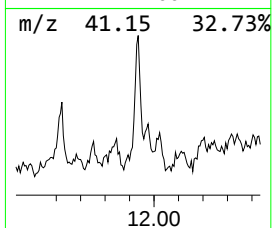
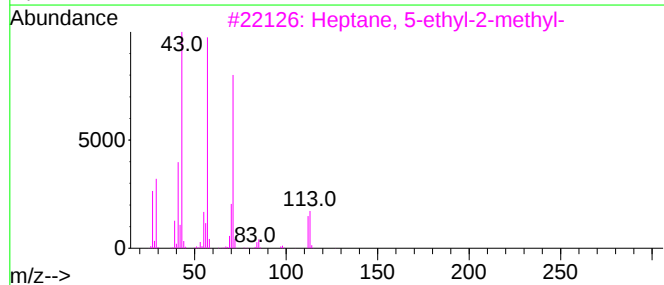
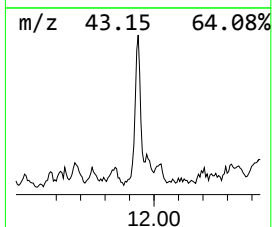
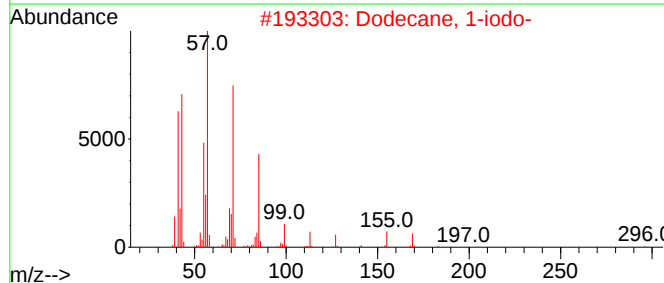
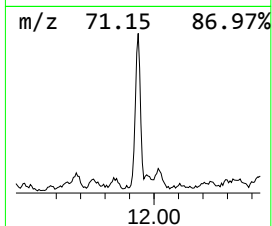
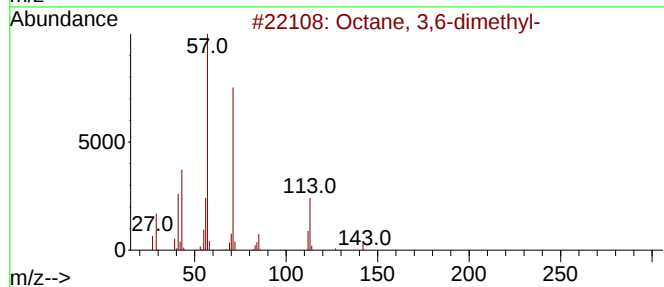
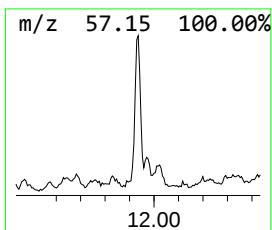
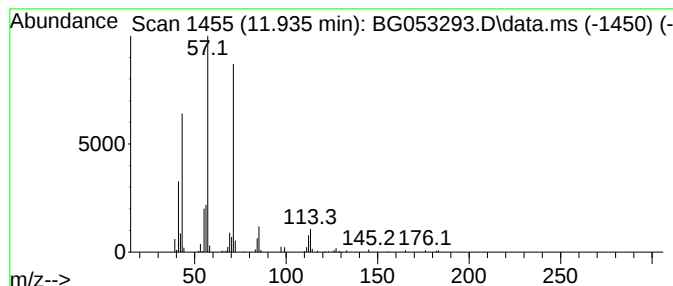
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.935	11.25 ng	190863	Naphthalene-d8	10.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
3			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



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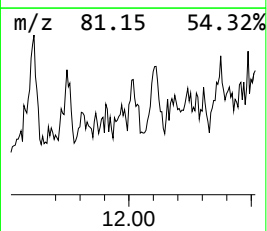
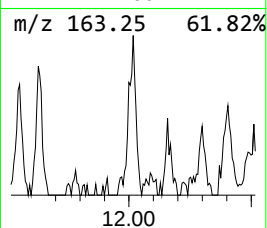
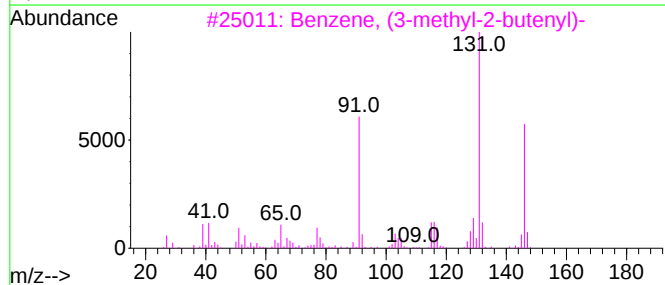
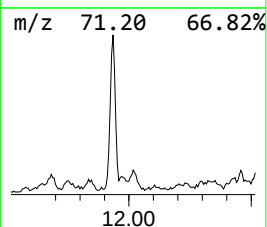
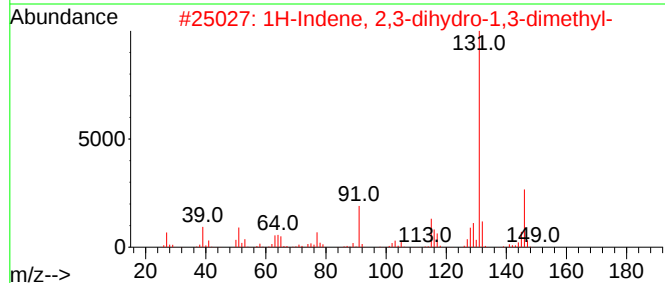
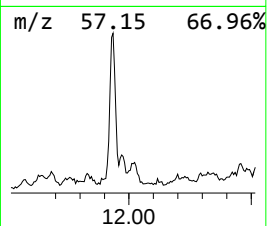
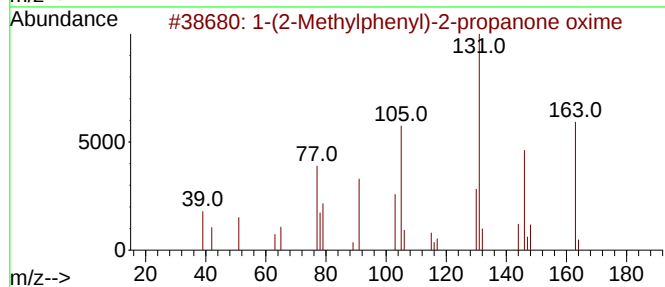
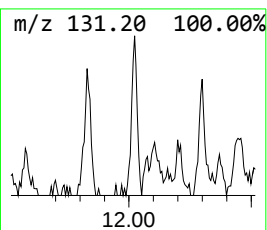
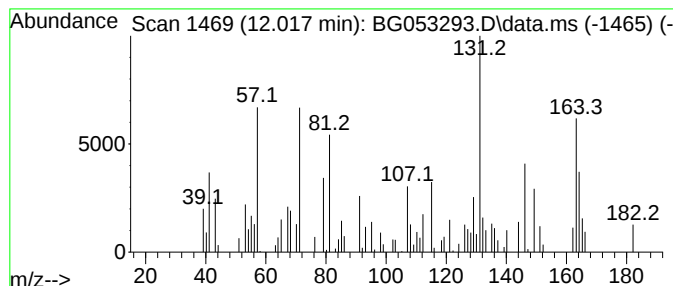
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown12.017 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.017	6.83 ng	115828	Naphthalene-d8	10.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(2-Methylphenyl)-2-propanone o...	163	C10H13NO	114382-11-5	43
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	30
3			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30
4			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	30
5			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-16-1A-5

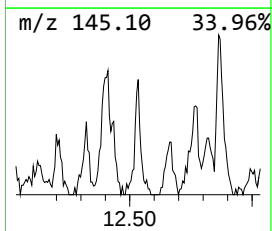
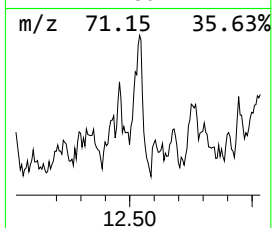
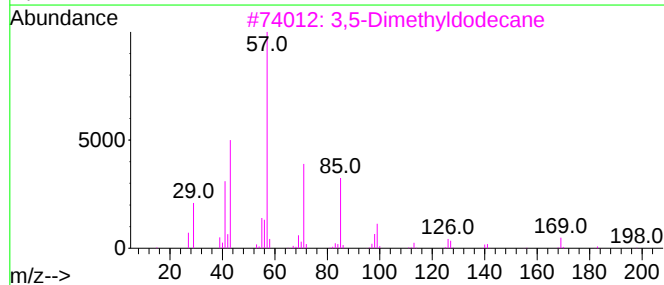
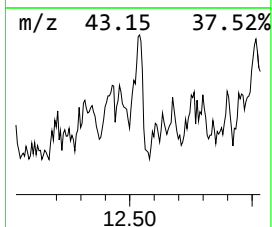
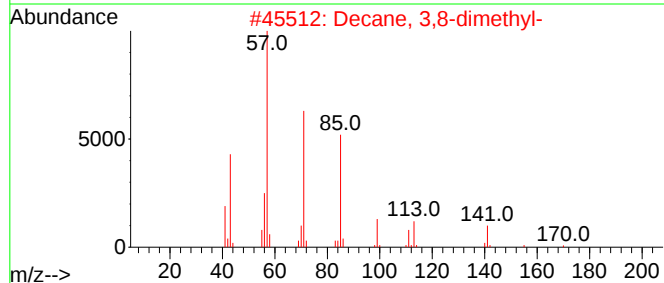
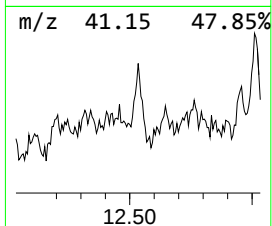
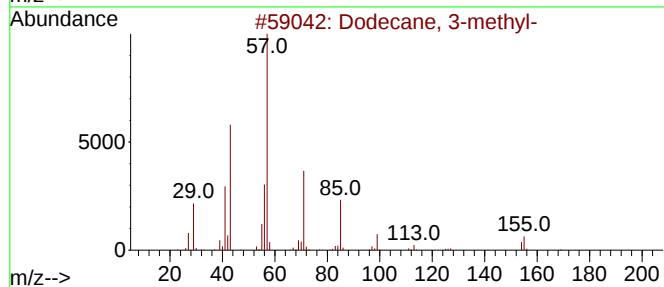
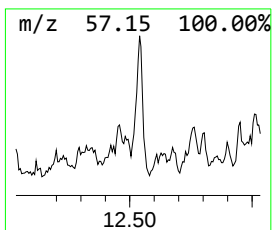
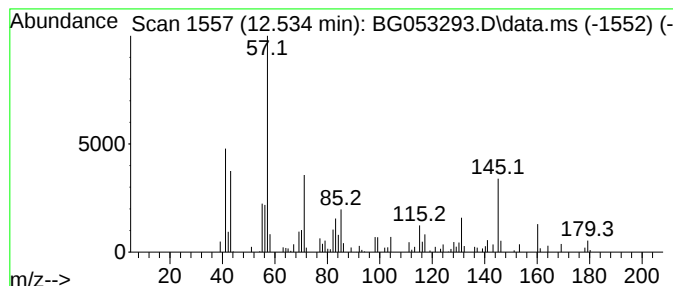
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown12.534 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.534	9.44 ng	160154	Naphthalene-d8	10.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	47
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43
5			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
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Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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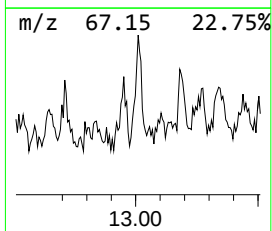
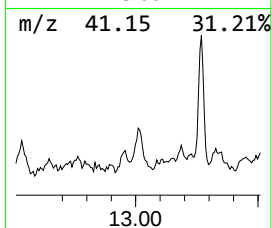
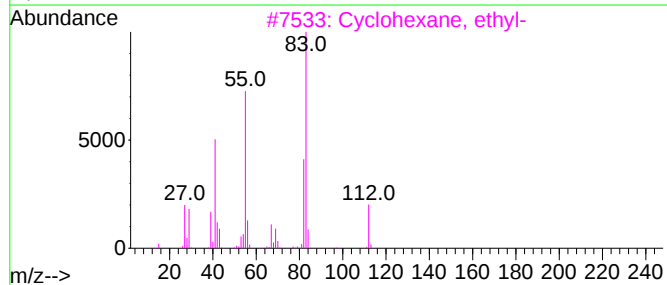
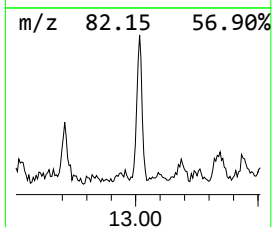
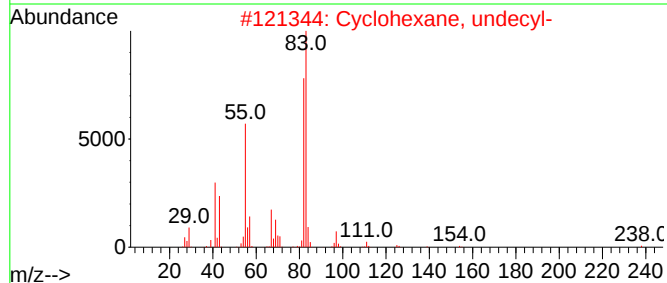
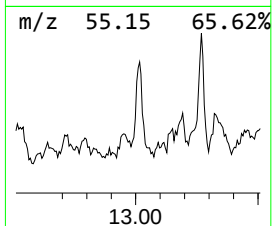
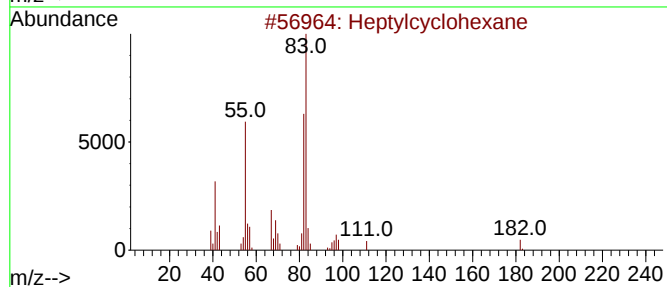
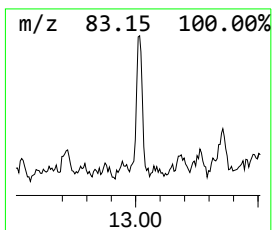
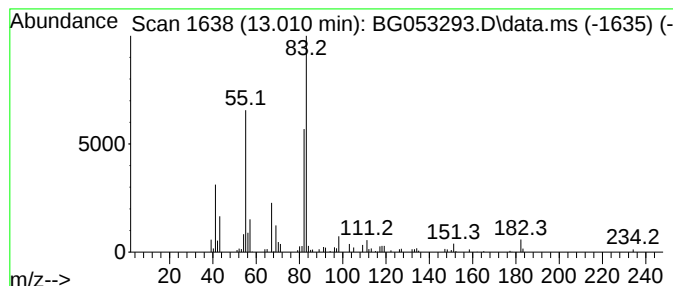
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	7.98 ng	152496	Acenaphthene-d10	14.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	87
2			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
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Acq On : 23 Apr 2022 15:04
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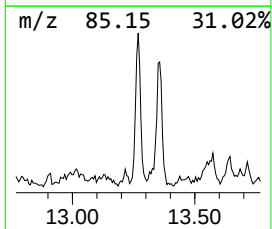
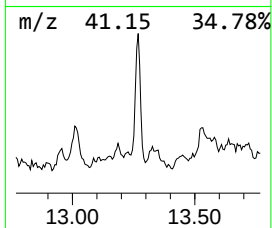
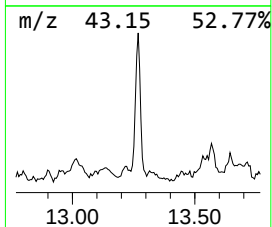
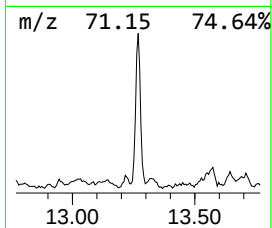
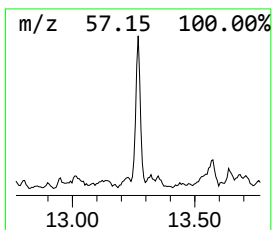
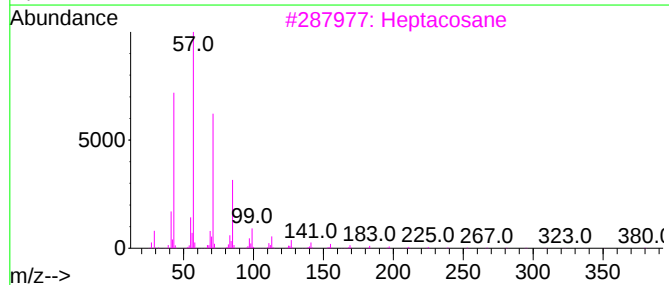
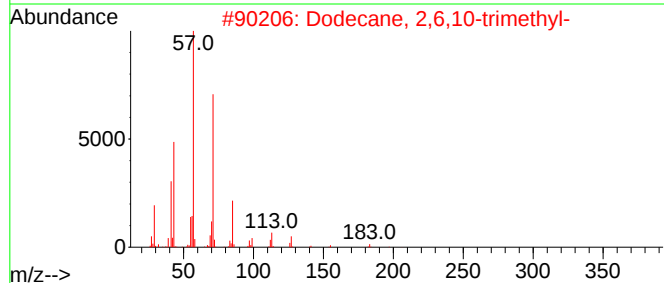
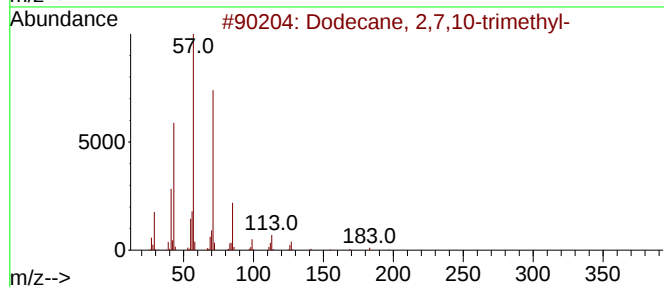
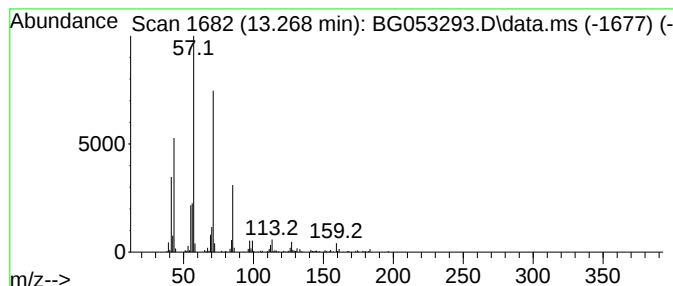
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.268	19.21 ng	366870	Acenaphthene-d10		14.731	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	72
3	Heptacosane		380	C27H56	000593-49-7	64
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	64
5	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
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Operator : CG/JU
Sample : N2514-03
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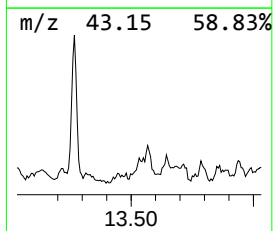
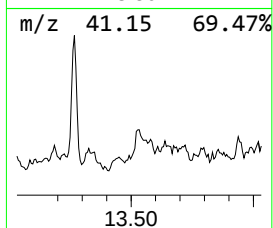
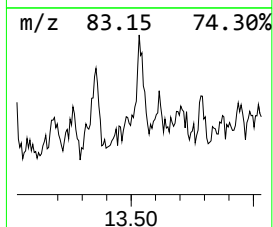
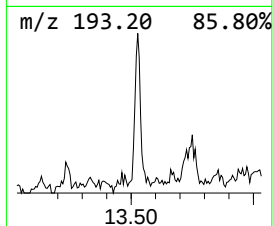
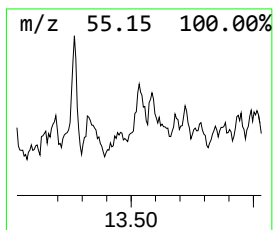
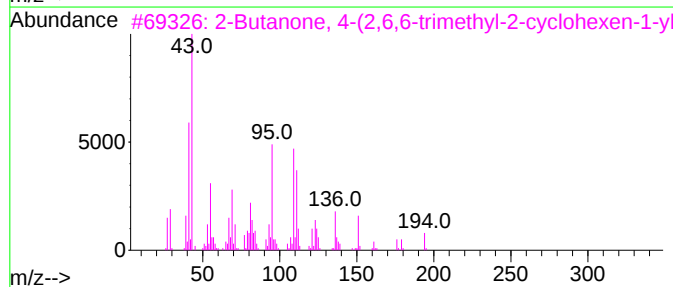
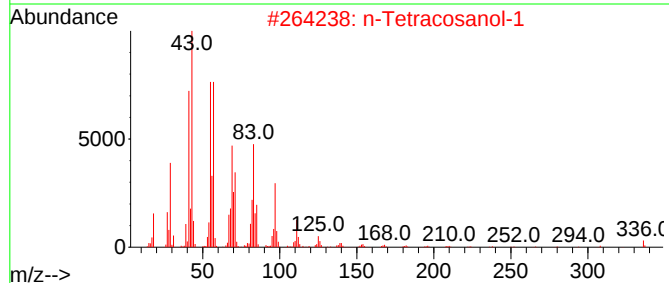
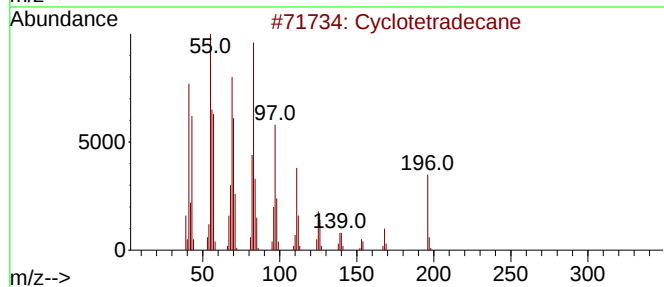
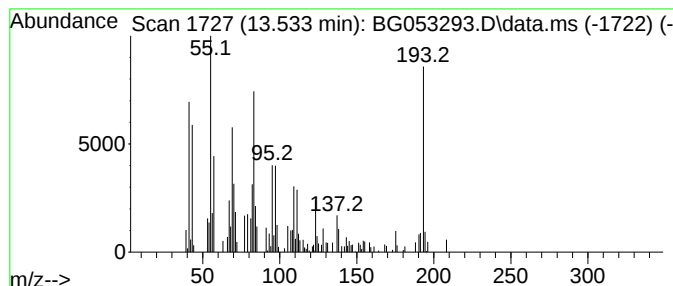
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.533	7.74 ng	147800	Acenaphthene-d10	14.731	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	52
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	38
3	2-Butanone, 4-(2,6,6-trimethyl-2...	194	C13H22O	039721-65-8	25
4	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
5	1-Tetradecene	196	C14H28	001120-36-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

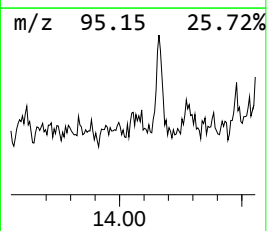
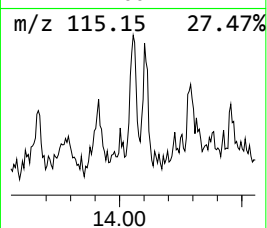
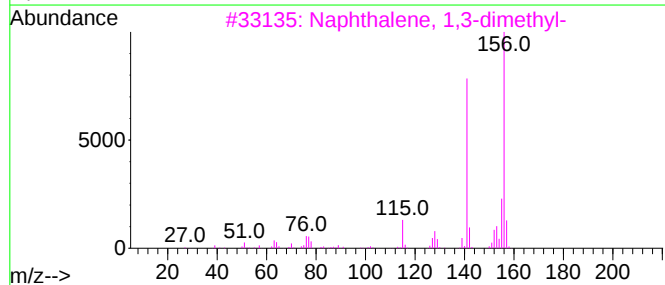
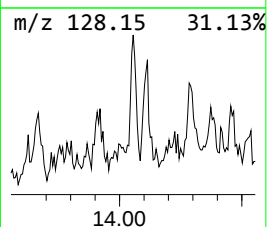
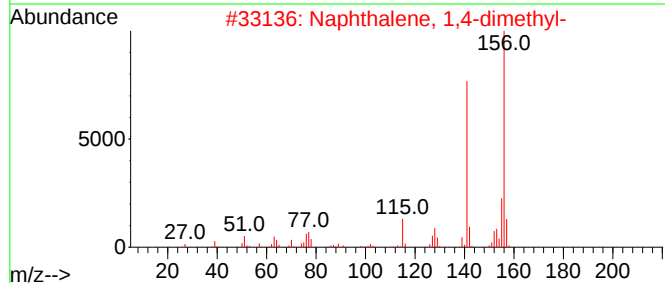
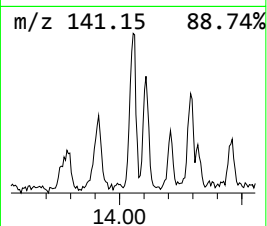
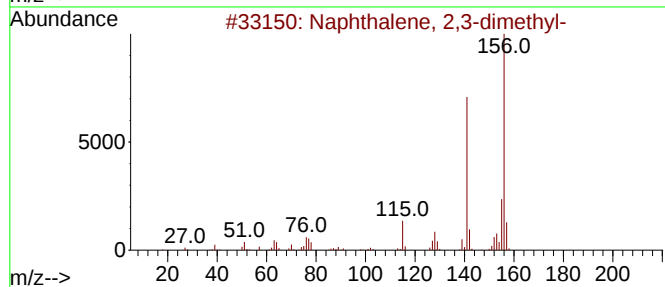
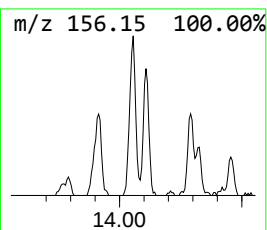
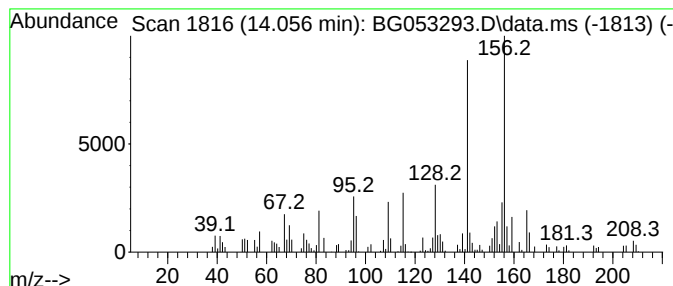
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.056	4.54 ng	86633	Acenaphthene-d10		14.731	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	93
2	Naphthalene, 1,4-dimethyl-		156	C12H12	000571-58-4	92
3	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	91
4	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	83
5	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
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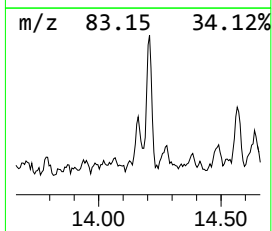
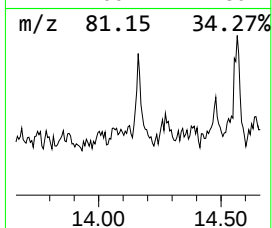
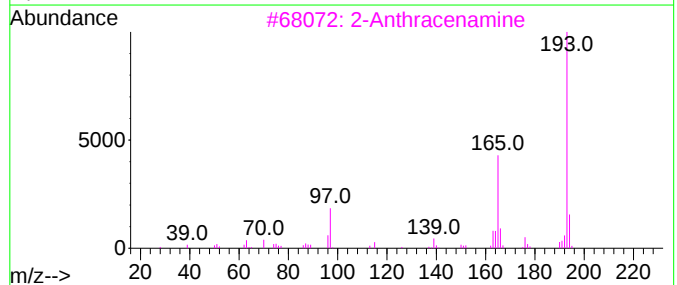
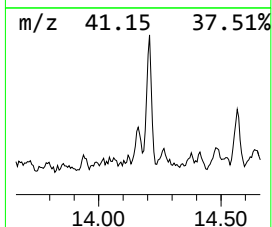
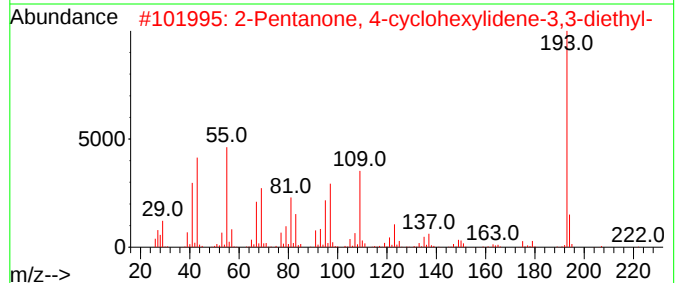
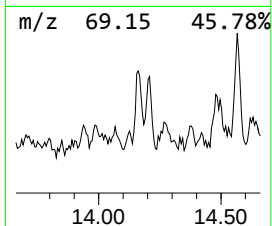
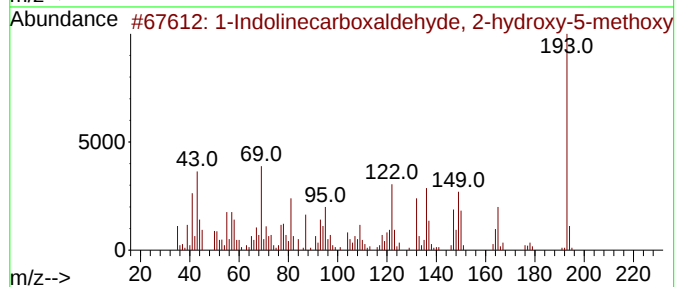
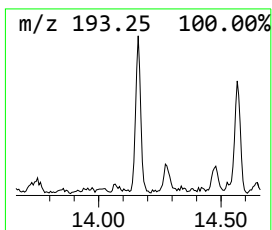
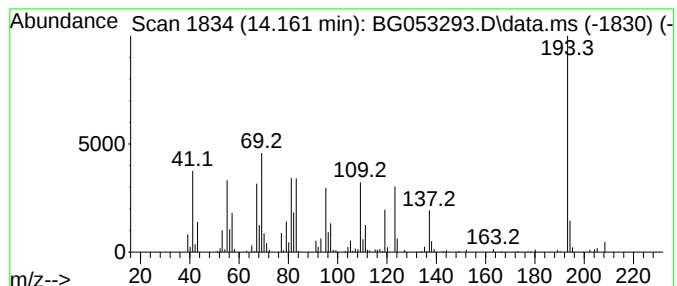
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Indolinecarboxaldehyde, 2... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.161	10.84 ng	206977	Acenaphthene-d10		14.731	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Indolinecarboxaldehyde, 2-hydr...		193	C10H11NO3	013303-70-3	53
2	2-Pentanone, 4-cyclohexylidene-3...		222	C15H26O	313253-65-5	40
3	2-Anthracenamine		193	C14H11N	000613-13-8	38
4	2-((Trimethylsilyl)thio)nicotino...		208	C9H12N2SSi	1000474-02-5	38
5	S-Phenyl 5-(phenylthio)pentaneth...		302	C17H18OS2	1000234-40-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
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ALS Vial : 9 Sample Multiplier: 1

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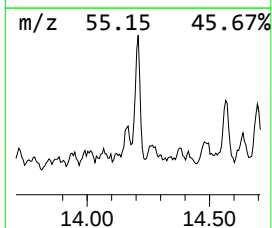
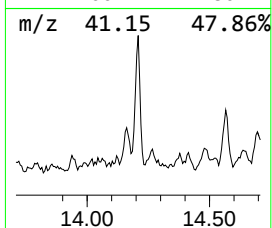
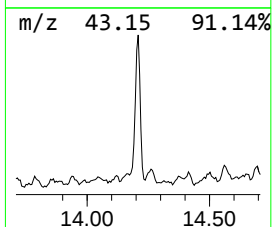
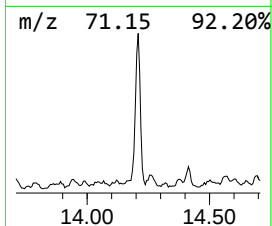
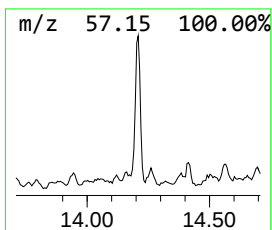
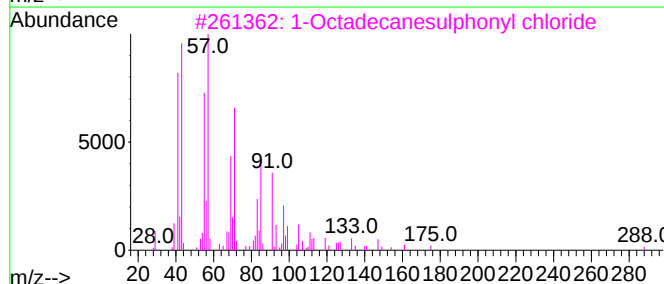
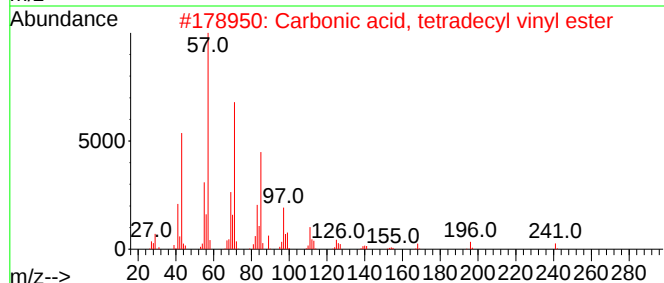
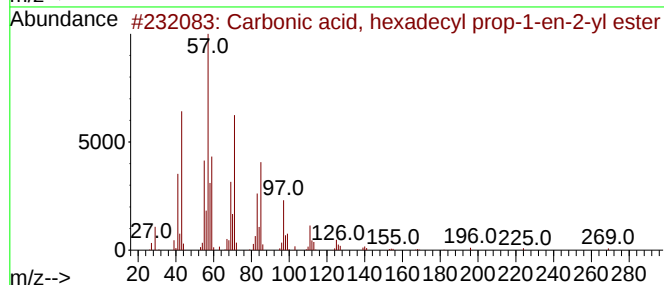
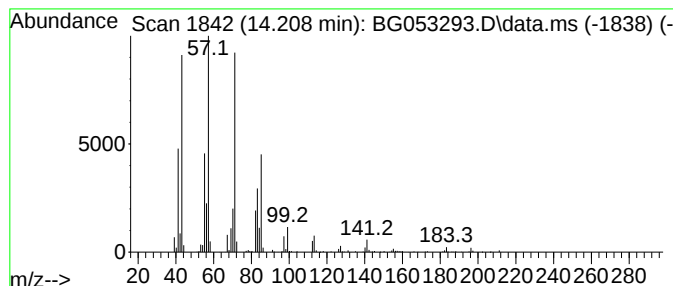
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Carbonic acid, hexadecyl pr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.208	27.02 ng	516032	Acenaphthene-d10	14.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	87
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5

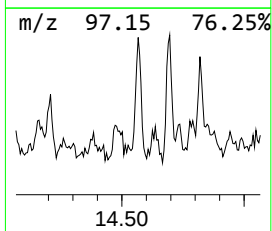
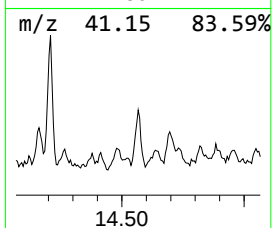
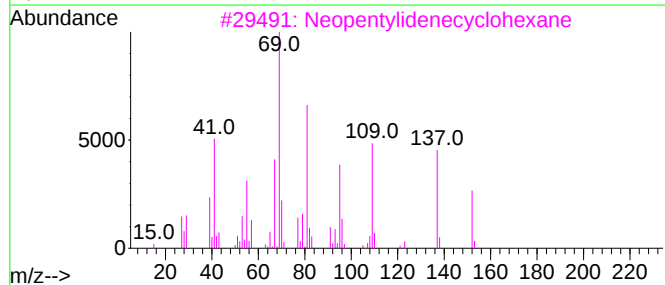
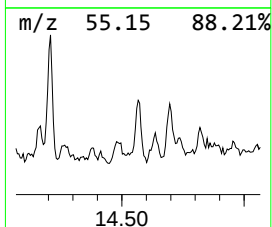
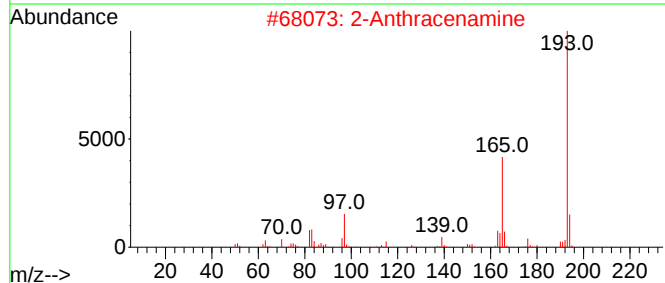
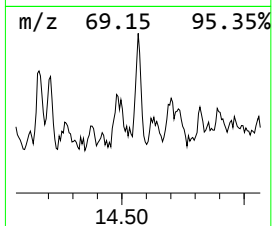
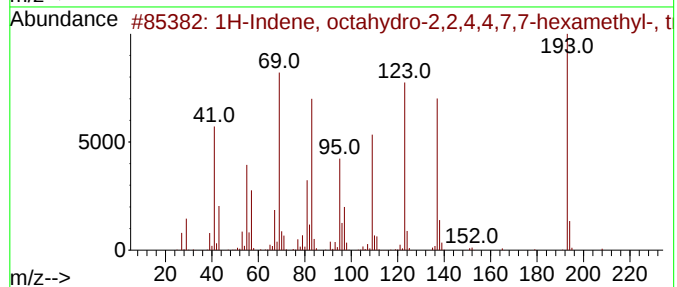
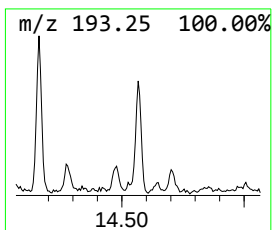
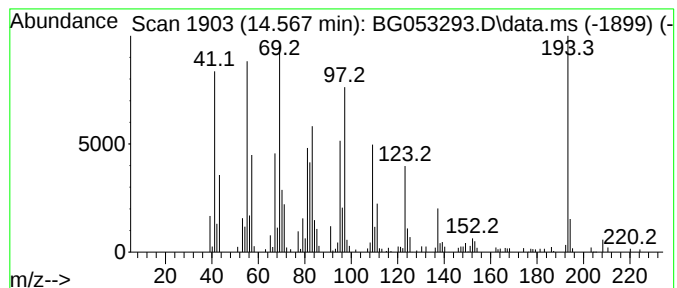
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.567 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.567	15.08 ng	287960	Acenaphthene-d10	14.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
2			2-Anthracenamine	193	C14H11N	000613-13-8	35
3			Neopentylidenecyclohexane	152	C11H20	039546-80-0	30
4			1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
5			Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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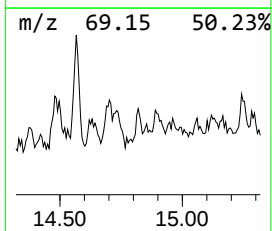
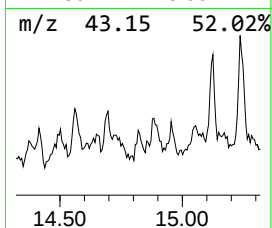
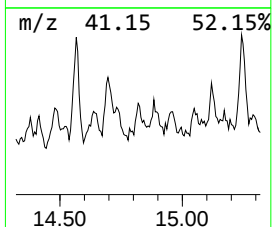
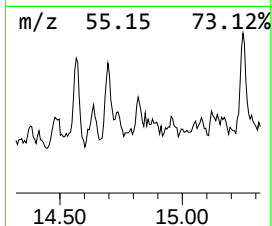
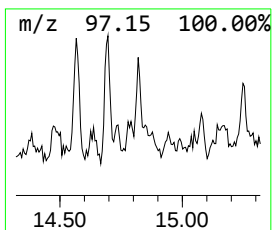
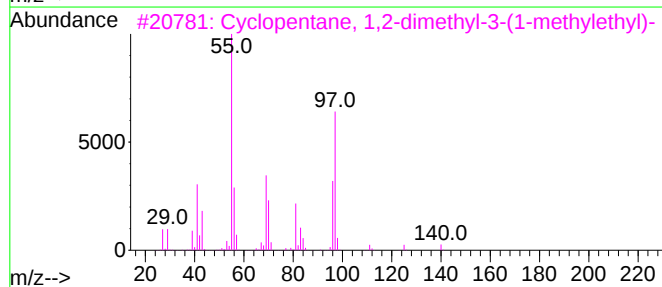
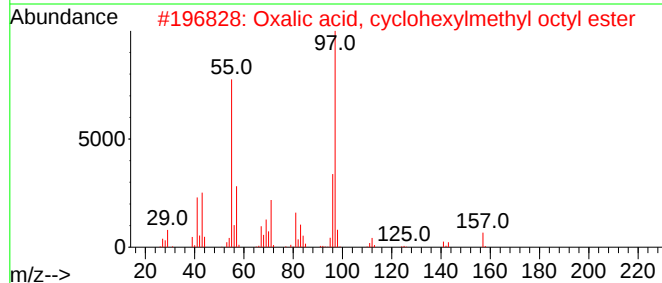
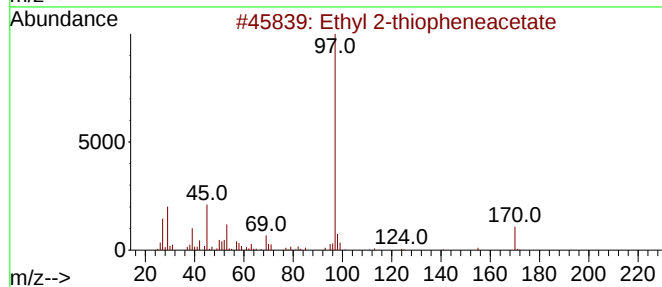
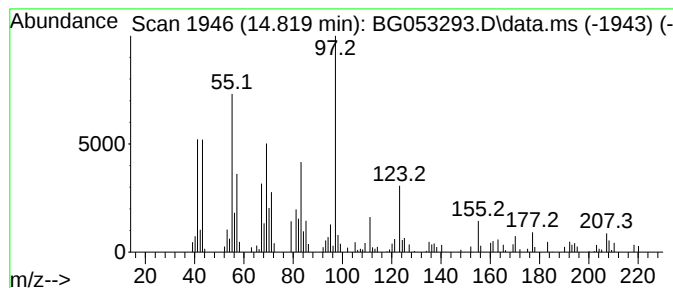
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.819 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.819	4.27 ng	81623	Acenaphthene-d10	14.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl 2-thiopheneacetate	170	C8H10O2S	057382-97-5	38
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	35
3			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	35
4			2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	35
5			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

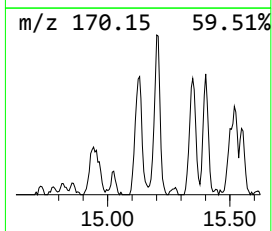
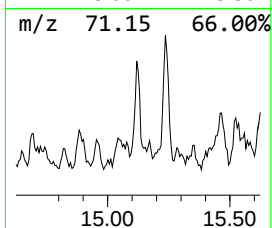
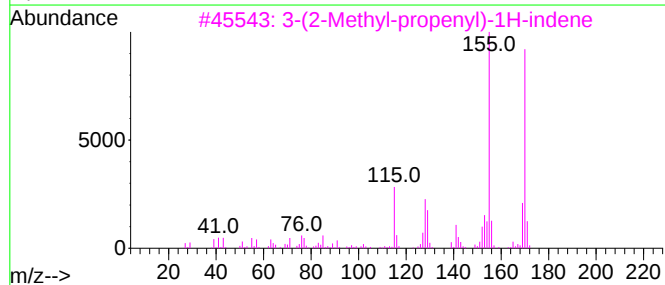
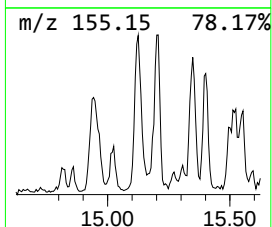
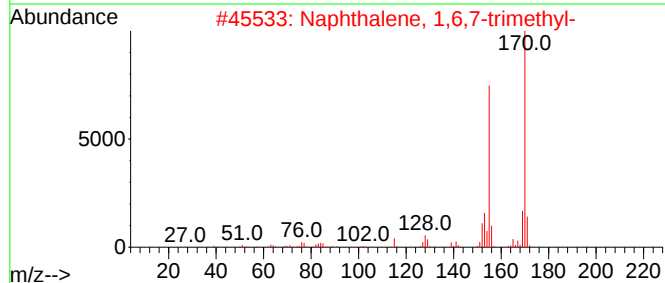
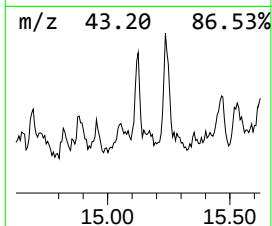
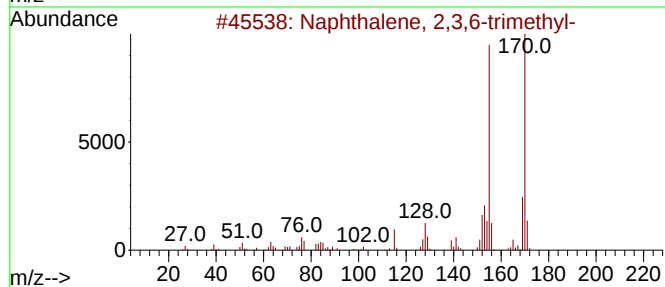
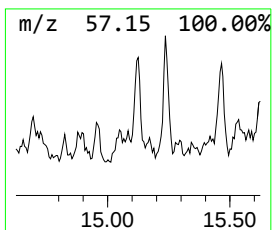
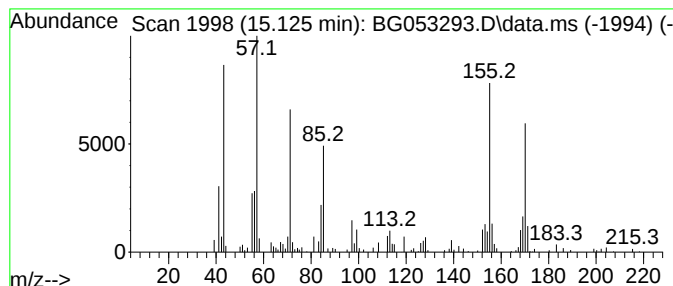
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.125	7.24 ng	138236	Acenaphthene-d10	14.731	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

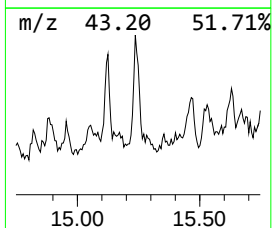
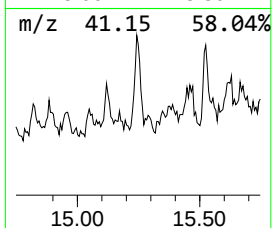
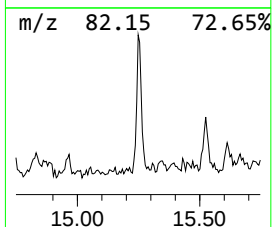
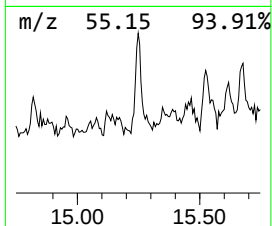
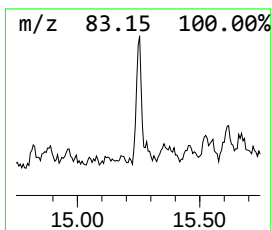
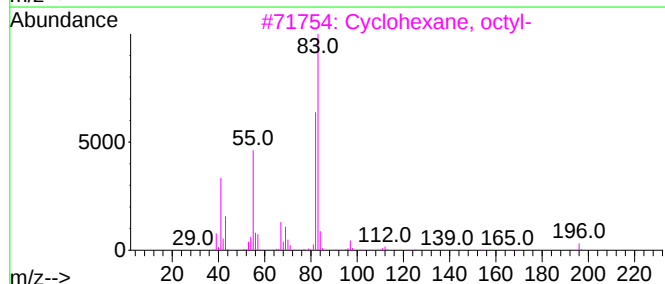
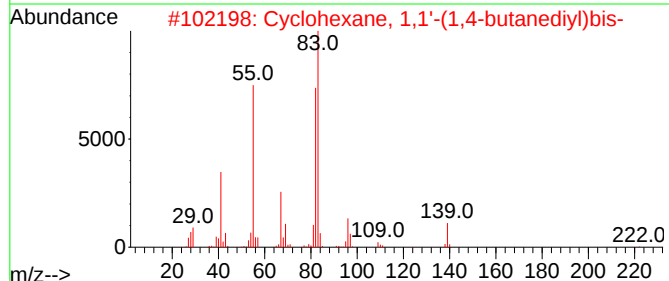
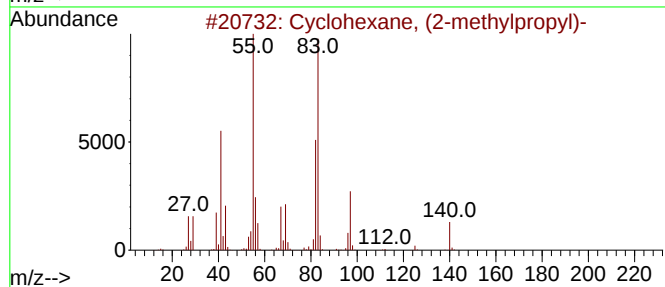
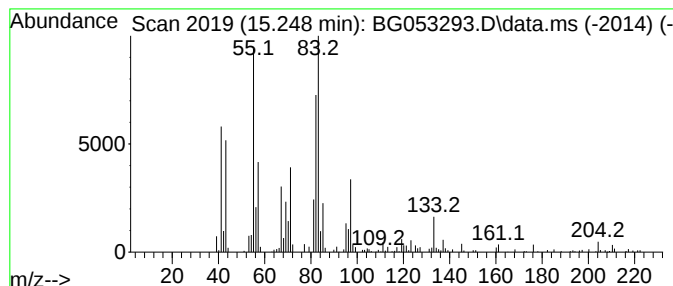
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.248	15.73 ng	300325	Acenaphthene-d10	14.731	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
2	Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	50
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	49
4	Cyclopentane, 1-methyl-2-(2-propyl)-	124	C9H16	050746-53-7	47
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-16-1A-5

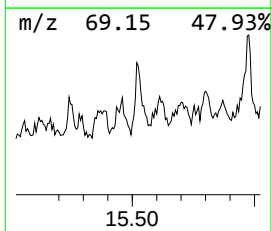
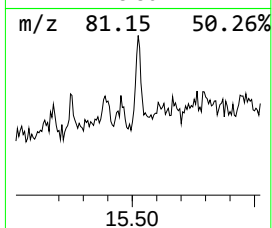
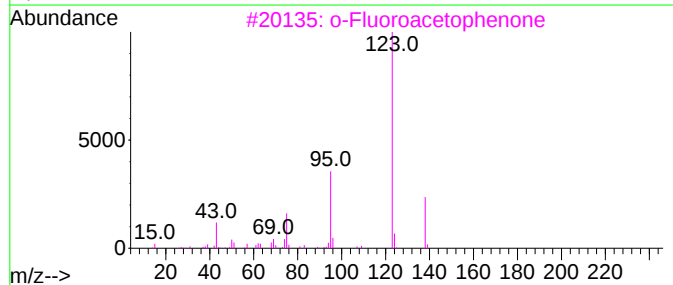
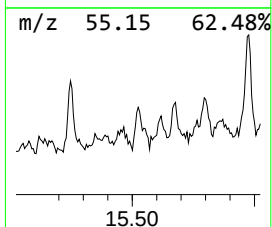
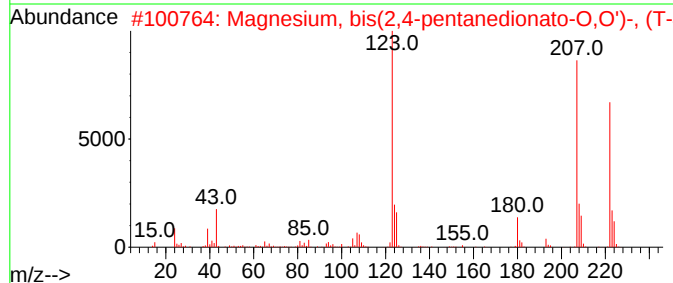
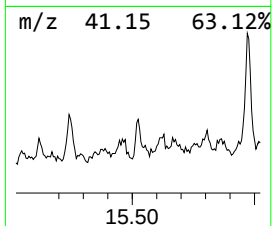
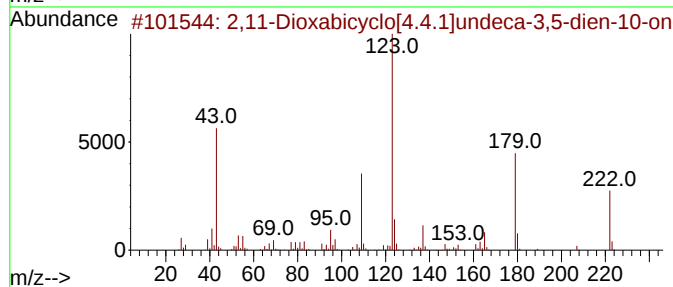
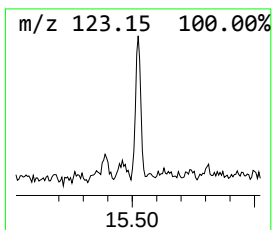
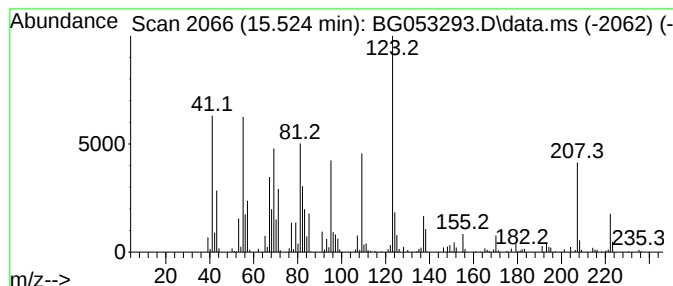
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.524 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.524	15.27 ng	291680	Acenaphthene-d10	14.731

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	49		
2	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	49		
3	o-Fluoroacetophenone	138	C8H7FO	000445-27-2	46		
4	di-t-Butylacetylene	138	C10H18	017530-24-4	45		
5	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2O5	329912-72-3	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

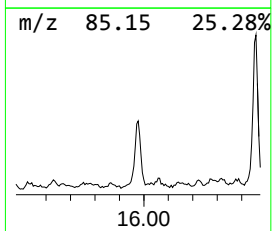
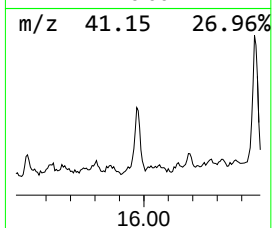
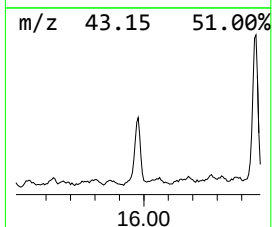
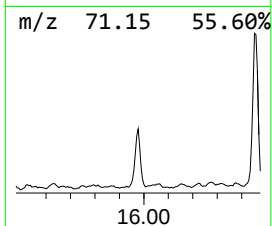
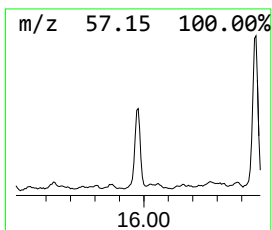
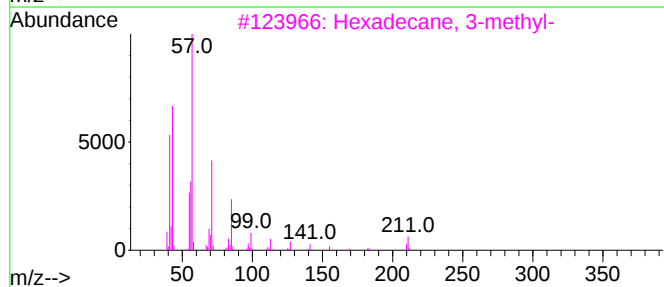
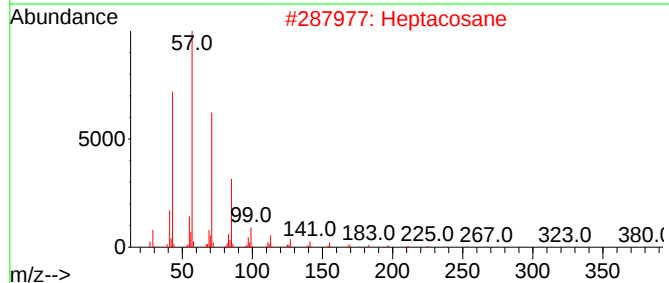
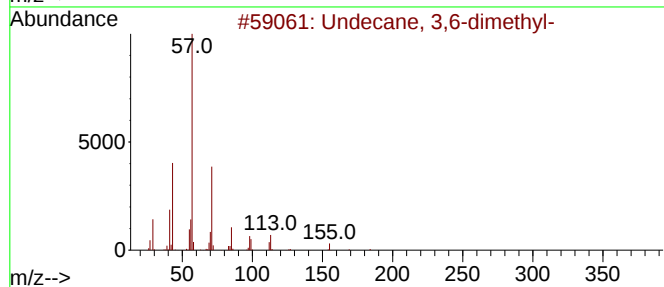
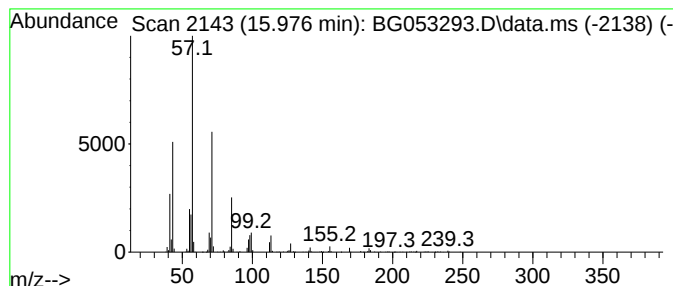
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5

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

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

Peak Number 17 Undecane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.977	32.88 ng	627899	Acenaphthene-d10	14.731	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Heptacosane	380	C27H56	000593-49-7	83
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5

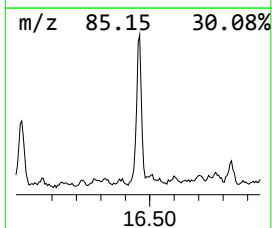
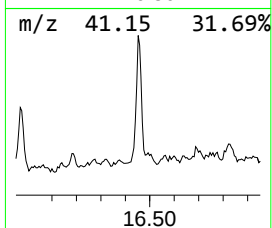
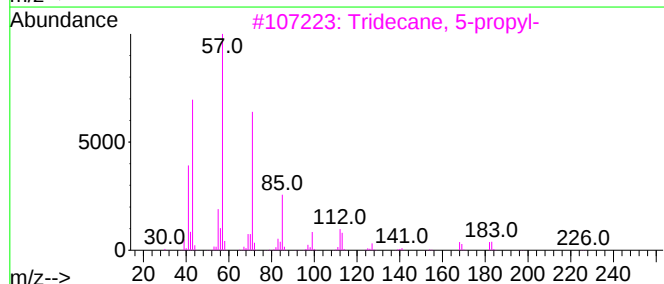
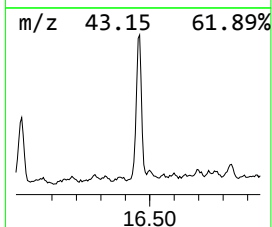
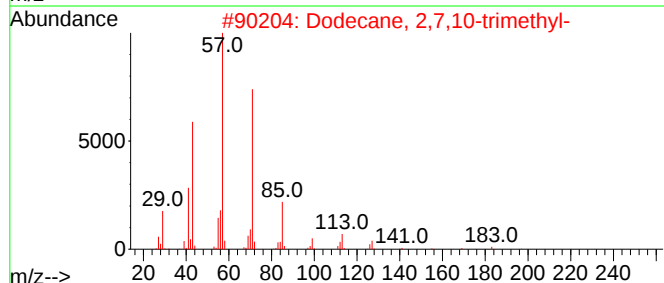
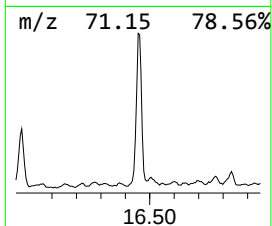
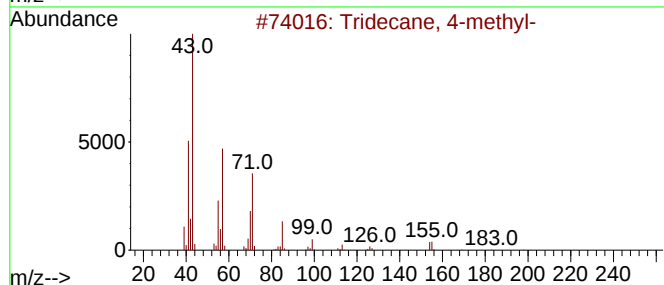
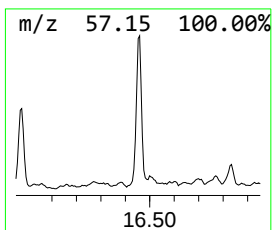
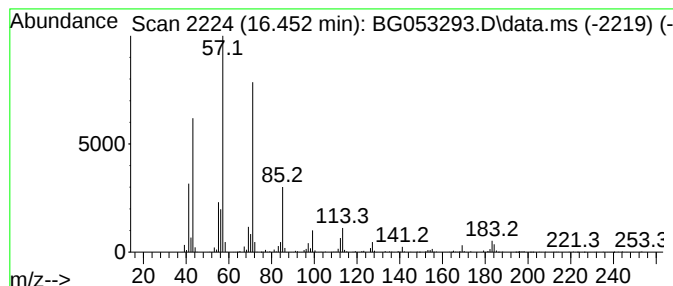
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.452	47.93 ng	1311390	Phenanthrene-d10	17.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4			Tridecane	184	C13H28	000629-50-5	72
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-5

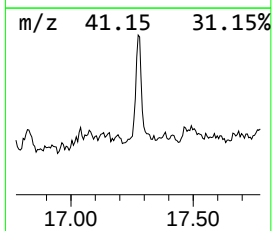
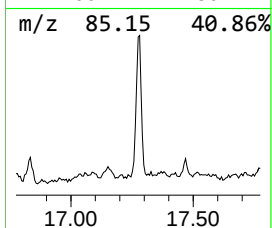
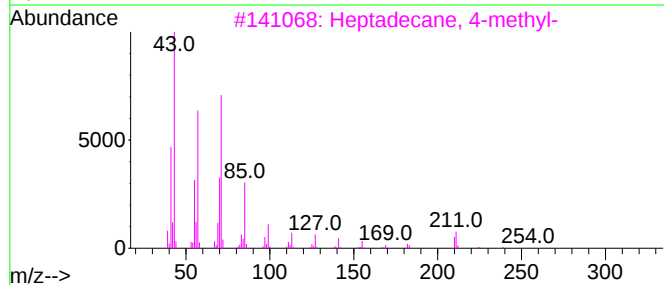
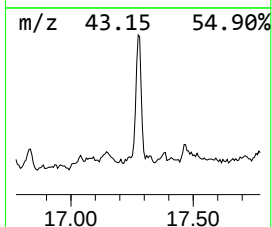
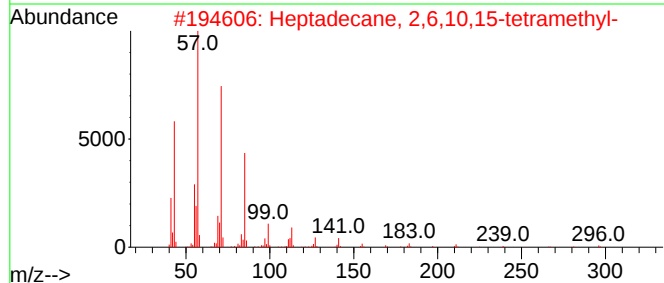
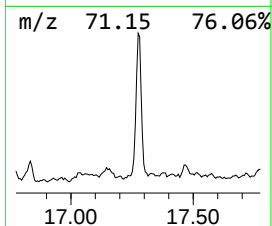
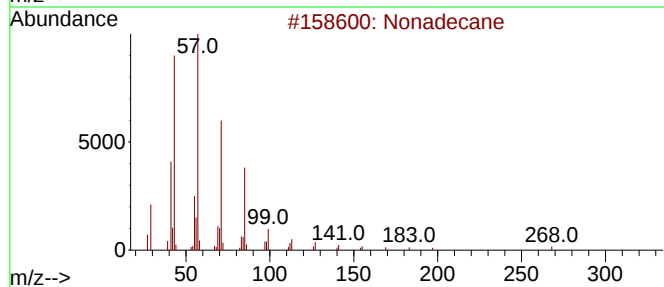
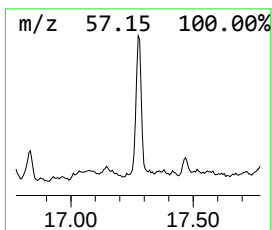
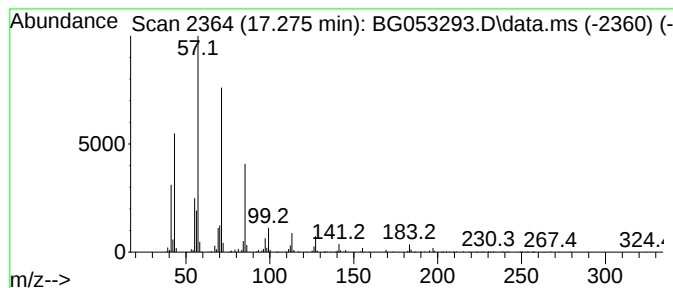
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.275	35.58 ng	973482	Phenanthrene-d10	17.480

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053293.D
Acq On : 23 Apr 2022 15:04
Operator : CG/JU
Sample : N2514-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

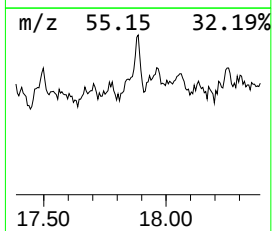
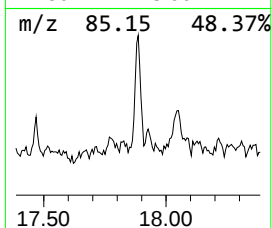
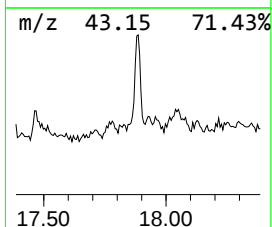
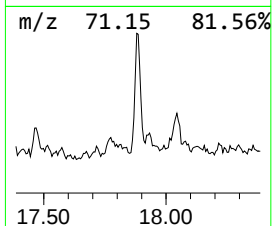
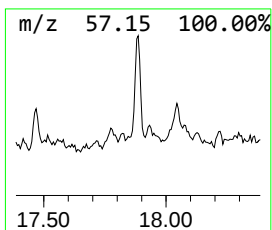
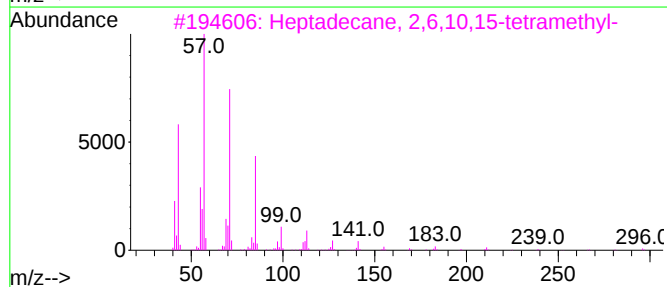
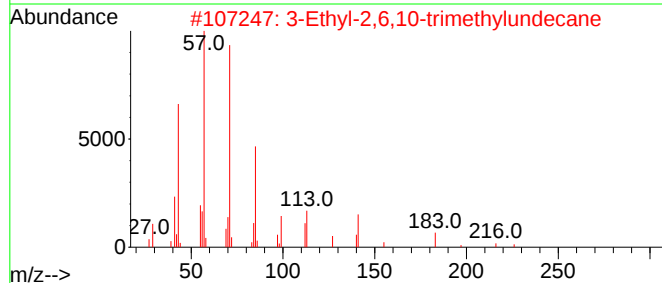
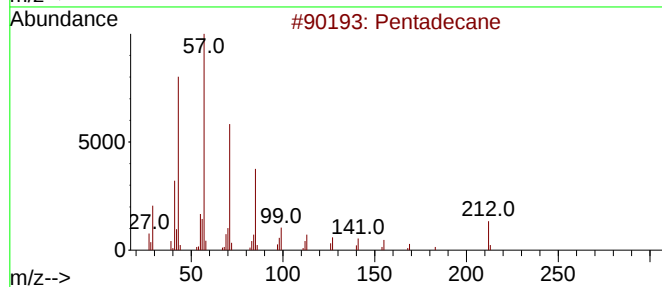
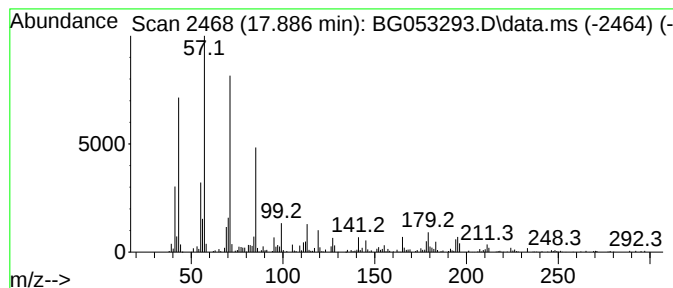
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.886	12.31 ng	336765	Phenanthrene-d10		17.480	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	81
2	3-Ethyl-2,6,10-trimethylundecane		226	C16H34	1000432-25-9	74
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	74
4	Hexacosane		366	C26H54	000630-01-3	72
5	Heneicosane		296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053293.D
 Acq On : 23 Apr 2022 15:04
 Operator : CG/JU
 Sample : N2514-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-5

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane, 2,6-d...	11.071	7.1	ng	120969	2	10.919	339187	20.0
Cyclohexane, bu...	11.618	7.5	ng	127800	2	10.919	339187	20.0
Octane, 3,6-dim...	11.935	11.3	ng	190863	2	10.919	339187	20.0
unknown12.017	12.017	6.8	ng	115828	2	10.919	339187	20.0
unknown12.534	12.534	9.4	ng	160154	2	10.919	339187	20.0
Heptylcyclohexane	13.010	8.0	ng	152496	3	14.731	381961	20.0
Dodecane, 2,7,1...	13.268	19.2	ng	366870	3	14.731	381961	20.0
Cyclotetradecane	13.533	7.7	ng	147800	3	14.731	381961	20.0
Naphthalene, 2,...	14.056	4.5	ng	86633	3	14.731	381961	20.0
1-Indolinecarbo...	14.161	10.8	ng	206977	3	14.731	381961	20.0
Carbonic acid, ...	14.208	27.0	ng	516032	3	14.731	381961	20.0
unknown14.567	14.567	15.1	ng	287960	3	14.731	381961	20.0
unknown14.819	14.819	4.3	ng	81623	3	14.731	381961	20.0
Naphthalene, 2,...	15.125	7.2	ng	138236	3	14.731	381961	20.0
Cyclohexane, (2...	15.248	15.7	ng	300325	3	14.731	381961	20.0
unknown15.524	15.524	15.3	ng	291680	3	14.731	381961	20.0
Undecane, 3,6-d...	15.977	32.9	ng	627899	3	14.731	381961	20.0
Tridecane, 4-me...	16.452	47.9	ng	1311390	4	17.480	547157	20.0
Nonadecane	17.275	35.6	ng	973482	4	17.480	547157	20.0
Pentadecane	17.886	12.3	ng	336765	4	17.480	547157	20.0