

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053198.D
 Acq On : 19 Apr 2022 16:40
 Operator : CG/JU
 Sample : N2452-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-5

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: BG053198.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.310	322	327	332	rBV	25760	39965	3.49%	0.237%
2	5.551	363	368	377	rVB5	22565	50002	4.37%	0.296%
3	5.680	383	390	397	rBV	257956	441846	38.60%	2.619%
4	5.750	397	402	410	rVB2	24181	44431	3.88%	0.263%
5	5.991	437	443	451	rBV7	23496	54012	4.72%	0.320%
6	6.067	451	456	461	rVV	41867	75143	6.56%	0.445%
7	6.126	461	466	475	rVB4	77339	147710	12.90%	0.876%
8	6.385	502	510	518	rBV6	55410	142571	12.45%	0.845%
9	6.502	524	530	537	rVB2	26995	58990	5.15%	0.350%
10	6.608	541	548	554	rBV7	46189	136981	11.97%	0.812%
11	6.667	554	558	563	rVB	80442	110075	9.62%	0.653%
12	6.749	563	572	576	rBV3	90248	204131	17.83%	1.210%
13	6.937	597	604	609	rBV4	26668	47059	4.11%	0.279%
14	7.013	609	617	622	rVB4	37262	92728	8.10%	0.550%
15	7.101	622	632	638	rBV4	67163	147960	12.92%	0.877%
16	7.160	638	642	645	rVV2	33138	49409	4.32%	0.293%
17	7.207	645	650	654	rVV2	66978	110290	9.63%	0.654%
18	7.272	654	661	667	rVV	357879	676024	59.05%	4.008%
19	7.336	667	672	679	rVV2	82412	136203	11.90%	0.807%
20	7.442	686	690	696	rVV6	27756	61110	5.34%	0.362%
21	7.507	696	701	705	rVV	61738	103989	9.08%	0.616%
22	7.571	705	712	714	rVV5	28456	67608	5.91%	0.401%
23	7.607	714	718	726	rVV4	54085	139804	12.21%	0.829%
24	7.677	727	730	735	rVV3	35856	74949	6.55%	0.444%
25	7.736	735	740	742	rVV	133576	211404	18.47%	1.253%
26	7.765	742	745	754	rVV	155297	266961	23.32%	1.583%
27	7.836	754	757	763	rVB5	24872	45957	4.01%	0.272%
28	7.947	769	776	781	rBV7	19220	39789	3.48%	0.236%
29	8.024	783	789	796	rVV6	31752	92177	8.05%	0.546%
30	8.094	796	801	810	rVV2	139137	385805	33.70%	2.287%
31	8.182	814	816	821	rVB5	20907	30547	2.67%	0.181%
32	8.235	821	825	833	rBV3	65205	127356	11.13%	0.755%
33	8.306	833	837	841	rBV3	38773	57606	5.03%	0.342%
34	8.353	841	845	850	rBV4	39510	84077	7.34%	0.498%
35	8.411	850	855	862	rVB4	67330	121889	10.65%	0.723%
36	8.546	873	878	884	rBV6	13692	37015	3.23%	0.219%

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Integrator: RTE

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

37	8.611	884	889	892	rBV3	21389	40211	3.51%	0.238%
38	8.664	892	898	909	rVB7	81863	241025	21.05%	1.429%
39	8.758	909	914	927	rBV5	64855	206975	18.08%	1.227%
40	8.881	929	935	938	rBV4	24656	43879	3.83%	0.260%
41	8.964	945	949	952	rBV3	31795	46005	4.02%	0.273%
42	8.999	952	955	964	rVB6	34679	83965	7.33%	0.498%
43	9.122	972	976	984	rVB2	31206	57744	5.04%	0.342%
44	9.228	984	994	998	rBV2	89882	213094	18.61%	1.263%
45	9.275	998	1002	1007	rVV	169363	303684	26.53%	1.800%
46	9.345	1008	1014	1019	rVB	120789	224494	19.61%	1.331%
47	9.481	1025	1037	1045	rBV10	50688	190162	16.61%	1.127%
48	9.698	1069	1074	1079	rVB3	42170	69406	6.06%	0.411%
49	9.757	1079	1084	1089	rBV4	32779	62336	5.45%	0.370%
50	9.809	1089	1093	1097	rBV4	32899	60428	5.28%	0.358%
51	9.851	1097	1100	1104	rVB5	21254	30283	2.65%	0.180%
52	10.009	1120	1127	1130	rBV8	20467	41292	3.61%	0.245%
53	10.050	1130	1134	1139	rVB3	33634	57627	5.03%	0.342%
54	10.115	1139	1145	1151	rBV7	52703	106963	9.34%	0.634%
55	10.197	1151	1159	1164	rBV5	22650	58252	5.09%	0.345%
56	10.332	1174	1182	1189	rVB2	125668	219482	19.17%	1.301%
57	10.403	1189	1194	1198	rBV	69063	109597	9.57%	0.650%
58	10.509	1206	1212	1218	rBV4	40855	77619	6.78%	0.460%
59	10.791	1255	1260	1262	rBV4	22147	37655	3.29%	0.223%
60	10.896	1273	1278	1279	rBV	89830	126539	11.05%	0.750%
61	10.931	1279	1284	1299	rVB	154767	385287	33.66%	2.284%
62	11.078	1306	1309	1315	rVB	51040	85357	7.46%	0.506%
63	11.149	1315	1321	1328	rBV8	24317	56525	4.94%	0.335%
64	11.219	1328	1333	1339	rVV5	20905	38211	3.34%	0.227%
65	11.419	1360	1367	1373	rBV8	22331	53793	4.70%	0.319%
66	11.631	1398	1403	1408	rVB7	39622	74528	6.51%	0.442%
67	11.754	1419	1424	1433	rVV6	43906	111459	9.74%	0.661%
68	11.836	1433	1438	1444	rVB3	47522	83907	7.33%	0.497%
69	11.901	1445	1449	1452	rVV2	41265	69649	6.08%	0.413%
70	11.942	1452	1456	1460	rVV	75746	120486	10.53%	0.714%
71	12.036	1467	1472	1478	rVB4	50272	102628	8.97%	0.608%
72	12.118	1480	1486	1493	rBV3	48411	83101	7.26%	0.493%
73	12.330	1518	1522	1526	rBV3	33978	48332	4.22%	0.287%
74	12.529	1552	1556	1561	rBV7	23719	55861	4.88%	0.331%
75	12.576	1562	1564	1572	rVB4	36136	47617	4.16%	0.282%
76	12.735	1585	1591	1592	rBV6	19600	32388	2.83%	0.192%

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77	12.817	1601	1605	1611	rVB	72540	113092	9.88%	0.670%
78	12.958	1626	1629	1634	rVB3	29137	41400	3.62%	0.245%
79	13.029	1637	1641	1649	rVB8	27356	59386	5.19%	0.352%
80	13.275	1679	1683	1688	rVB	131303	192610	16.83%	1.142%
81	13.364	1689	1698	1704	rBV	510345	836833	73.10%	4.961%
82	13.557	1723	1731	1740	rBV7	57638	173181	15.13%	1.027%
83	14.063	1813	1817	1823	rBV4	28875	54150	4.73%	0.321%
84	14.168	1831	1835	1839	rBV4	80643	143025	12.49%	0.848%
85	14.215	1839	1843	1848	rVB	172203	242163	21.15%	1.436%
86	14.574	1900	1904	1909	rVB3	101035	159767	13.96%	0.947%
87	14.627	1909	1913	1922	rBV5	36629	90610	7.92%	0.537%
88	14.738	1922	1932	1940	rBV2	289080	638185	55.75%	3.783%
89	15.126	1995	1998	2005	rVB2	51622	80429	7.03%	0.477%
90	15.249	2015	2019	2024	rVB4	65551	108906	9.51%	0.646%
91	15.402	2042	2045	2049	rVB5	32893	40634	3.55%	0.241%
92	15.531	2063	2067	2071	rBV3	52933	76812	6.71%	0.455%
93	15.978	2138	2143	2154	rVB	200593	348758	30.47%	2.068%
94	16.224	2177	2185	2191	rBV2	340146	582777	50.91%	3.455%
95	16.459	2218	2225	2230	rBV	511905	800441	69.92%	4.745%
96	17.282	2360	2365	2376	rVB	502173	826474	72.20%	4.900%
97	17.481	2394	2399	2404	rBV	343177	603666	52.73%	3.579%
98	17.887	2464	2468	2473	rBV	194206	309947	27.08%	1.838%
99	20.031	2830	2833	2835	rBV	237692	328282	28.68%	1.946%
100	20.090	2839	2843	2847	rVB	827215	1144759	100.00%	6.787%

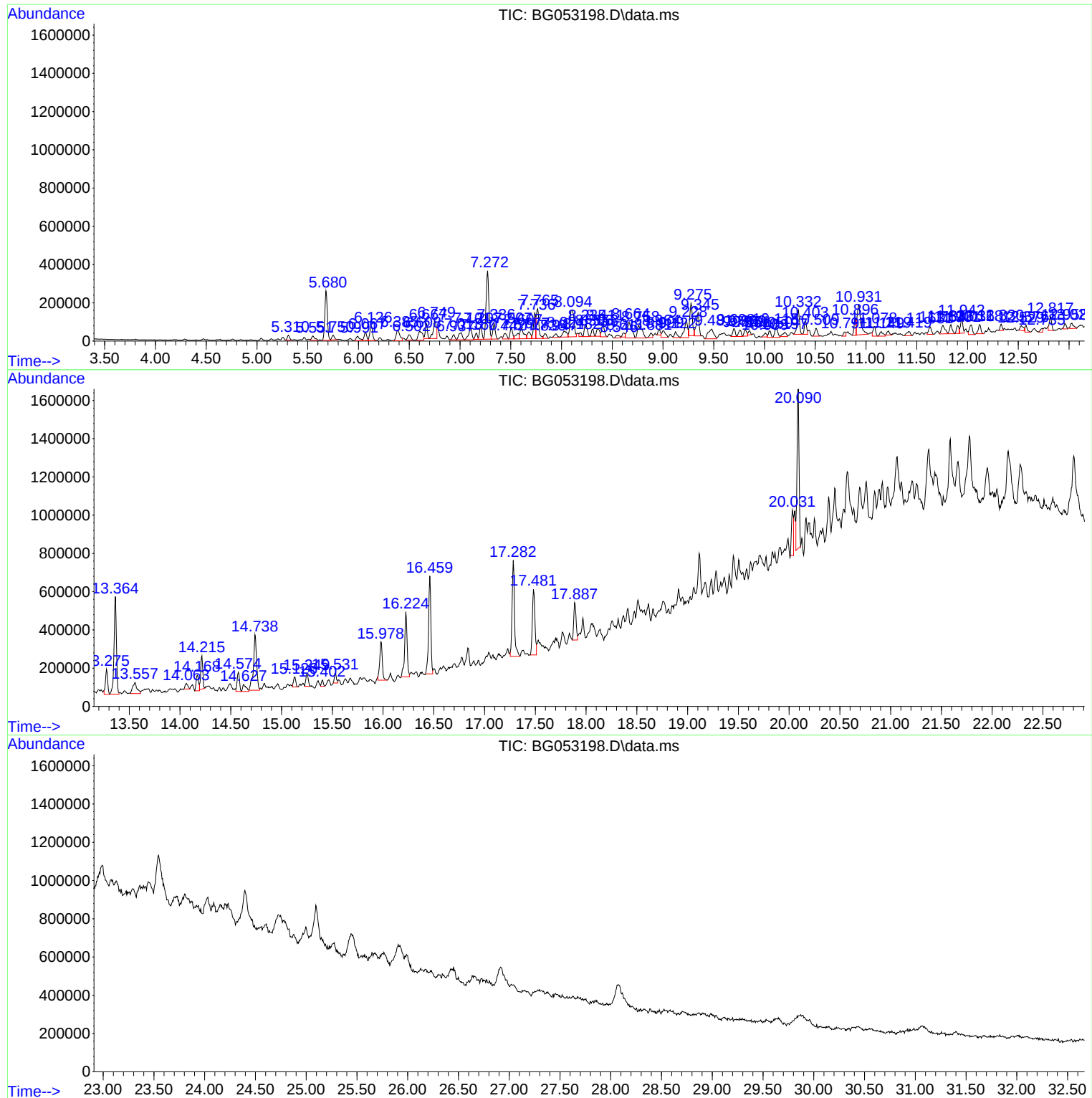
Sum of corrected areas: 16867706

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

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



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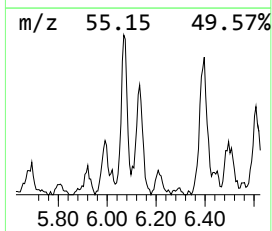
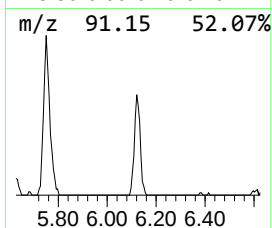
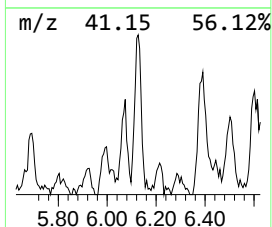
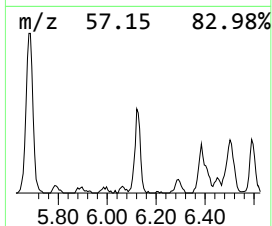
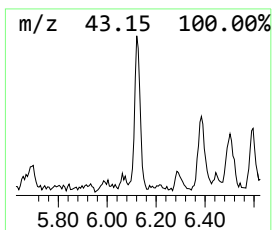
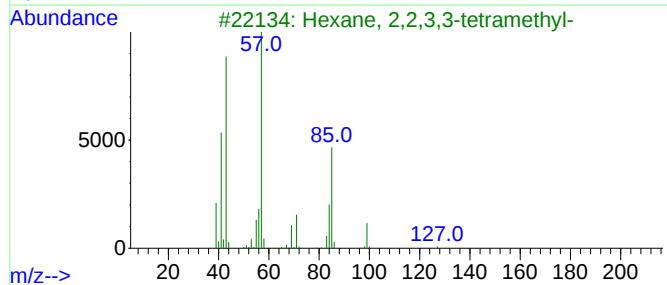
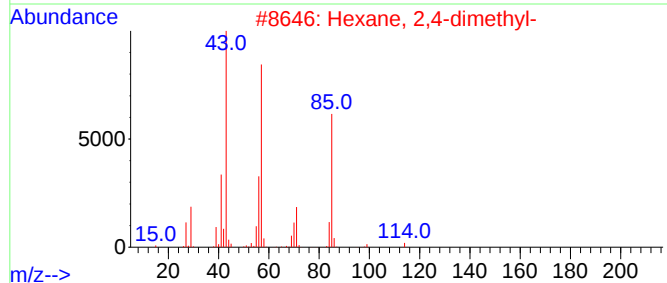
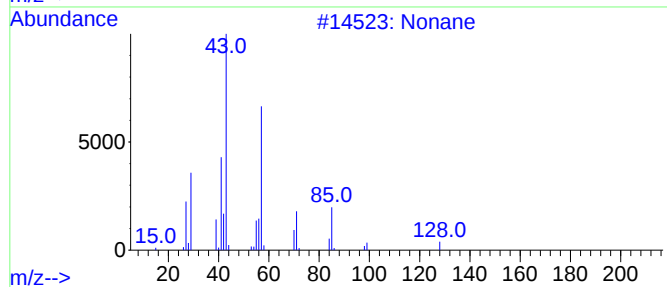
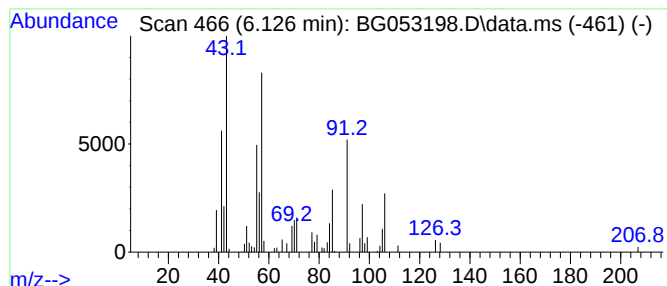
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.126 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.126	7.66 ng	147710	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	43
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35
3			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	27
4			1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	27
5			11-Tricosene	322	C23H46	052078-56-5	22



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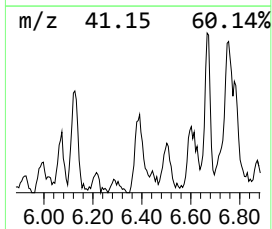
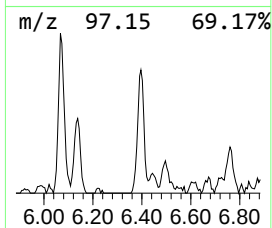
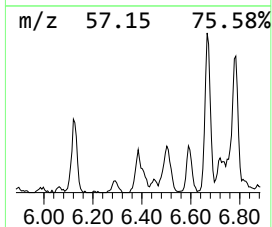
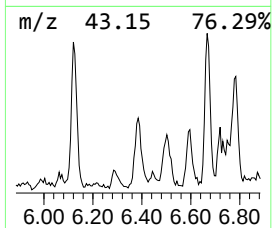
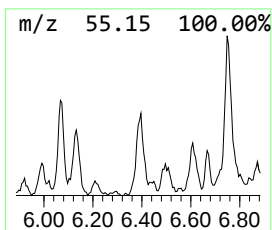
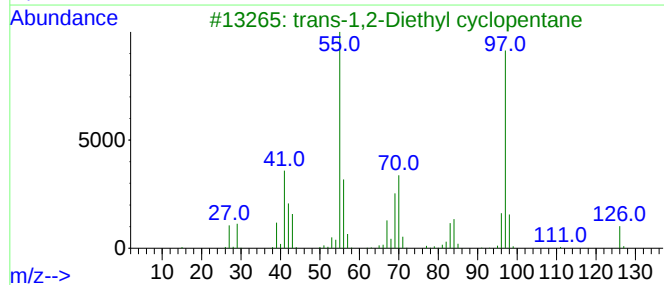
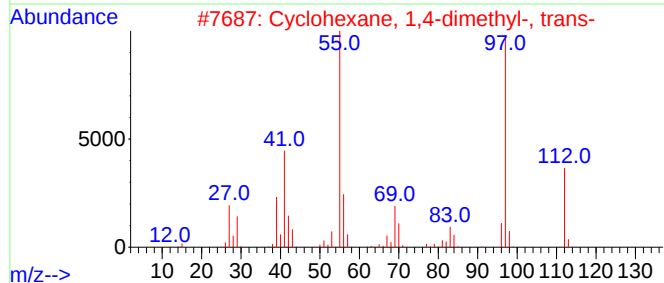
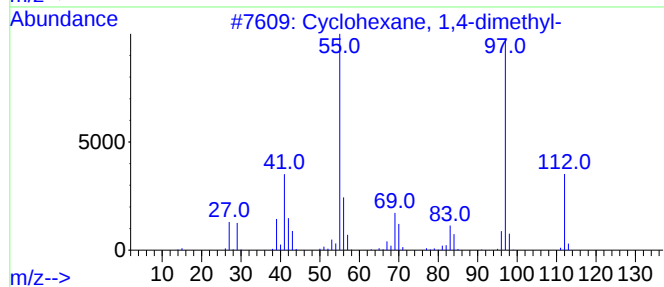
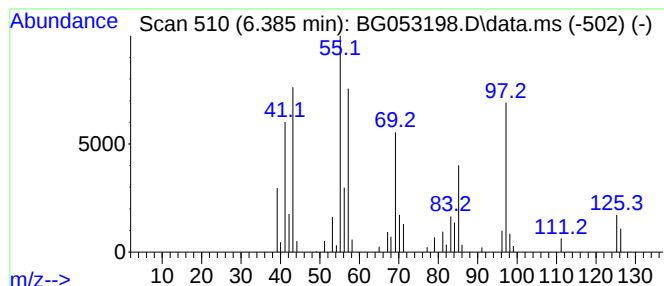
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.385 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.385	7.39 ng	142571	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	46
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
3			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	43
4			Ether, heptyl hexyl	200	C13H28O	007289-40-9	38
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35



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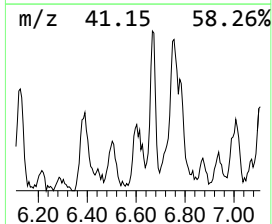
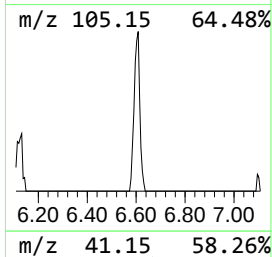
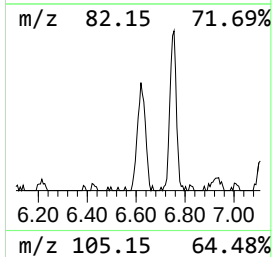
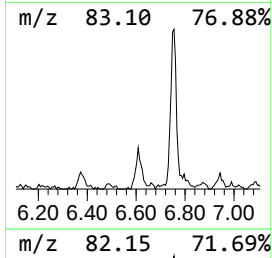
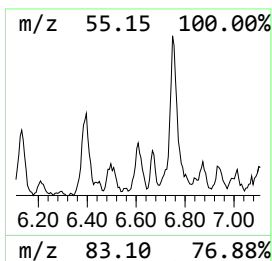
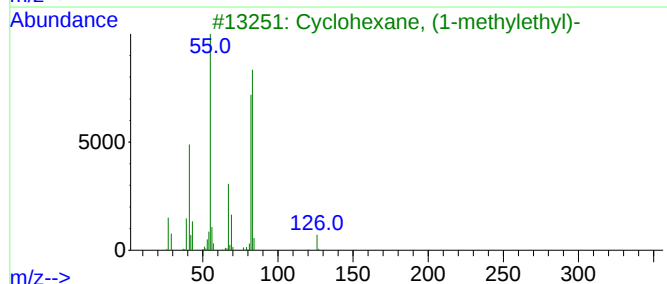
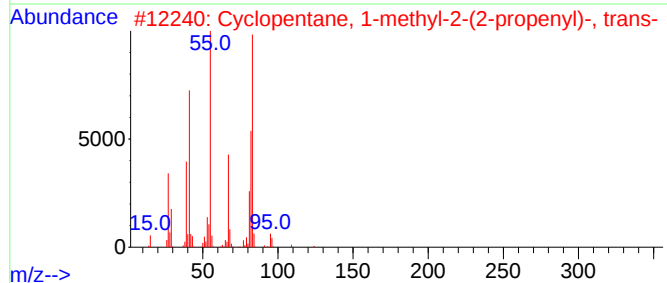
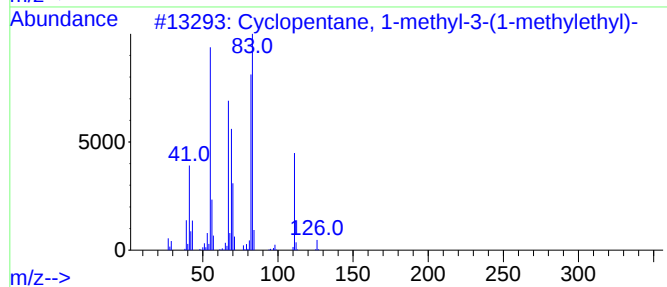
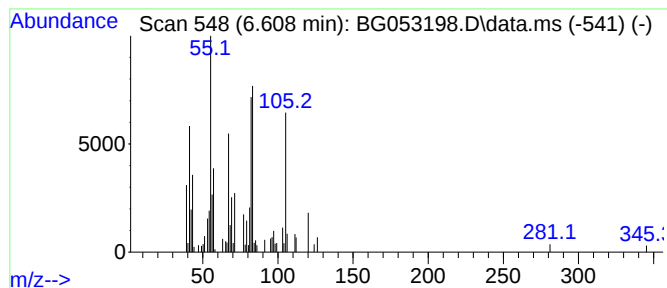
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, 1-methyl-3-(1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.608	7.10 ng	136981	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	64
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	53
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4			1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	47
5			Cyclobutanecarboxylic acid, unde...	252	C16H28O2	1000299-13-6	38



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Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
Operator : CG/JU
Sample : N2452-13
Misc :
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ClientSampleId :
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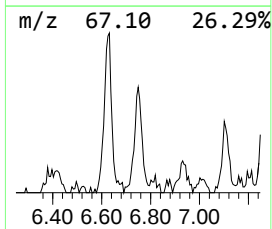
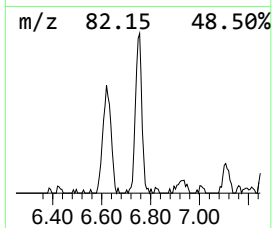
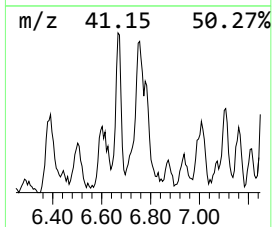
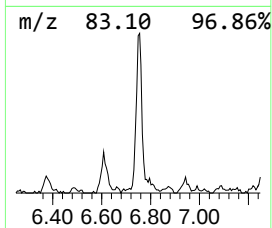
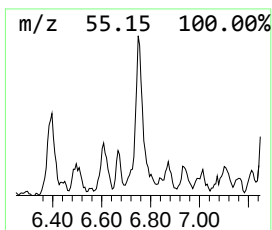
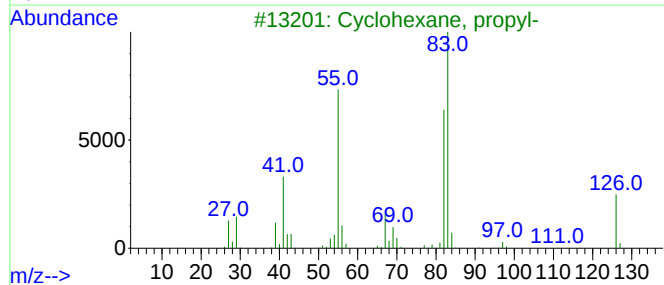
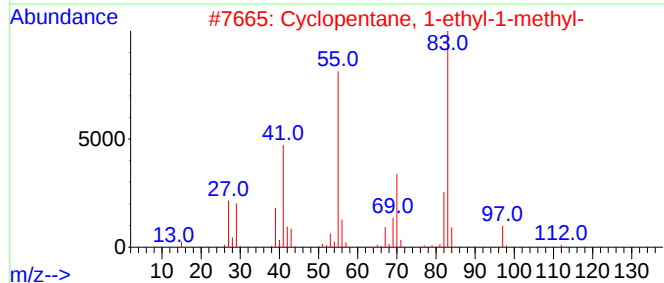
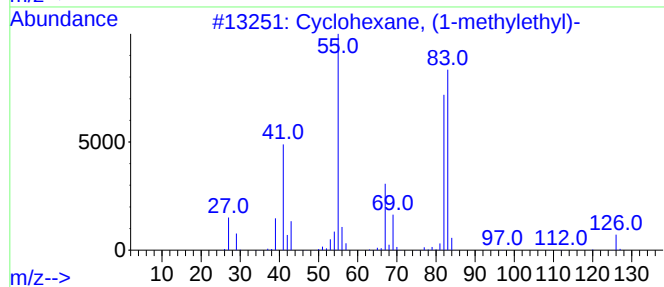
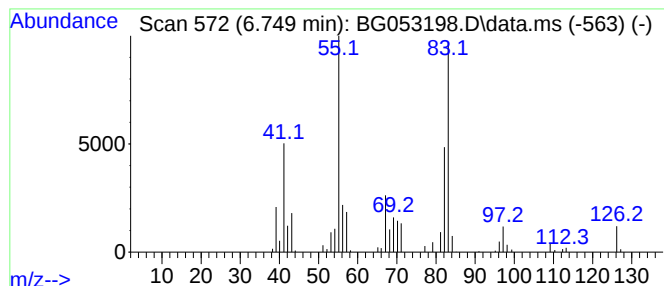
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.749	10.58 ng	204131	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
2			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	58
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	58
4			Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	50
5			Methoxyacetic acid, cyclohexyl e...	172	C9H16O3	1000282-69-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
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Sample : N2452-13
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Instrument :
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ClientSampleId :
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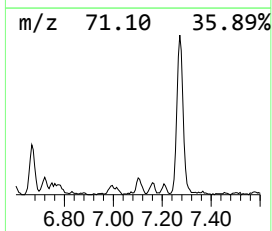
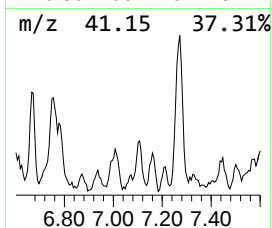
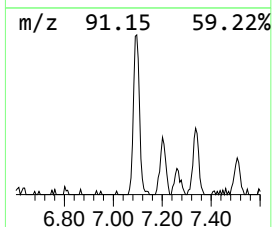
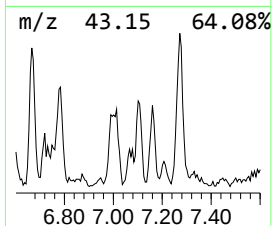
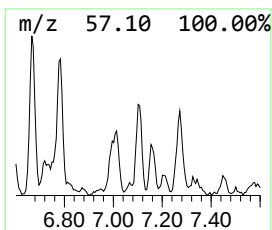
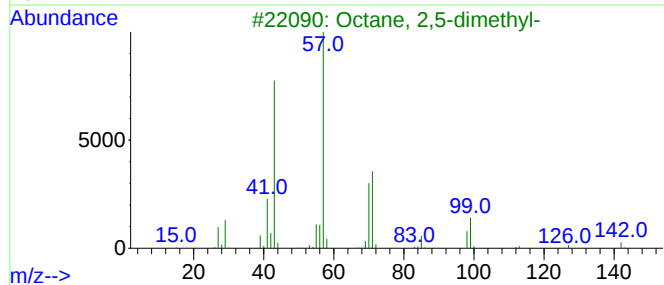
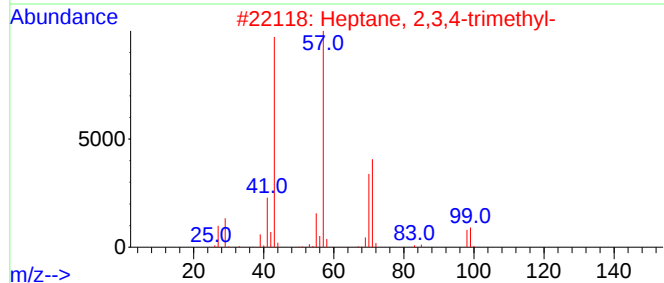
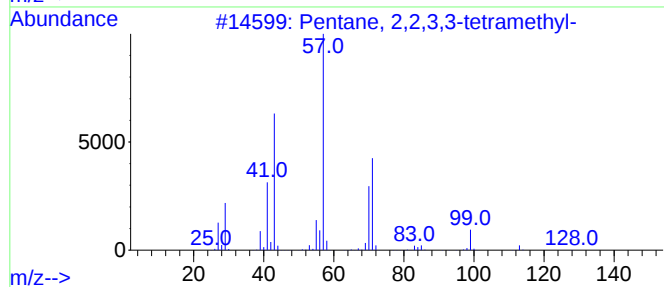
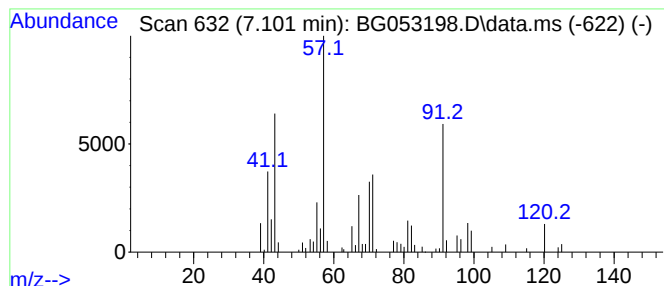
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.101 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.101	7.67 ng	147960	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
2			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	38
3			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
4			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	38
5			Nonane, 4-methyl-	142	C10H22	017301-94-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
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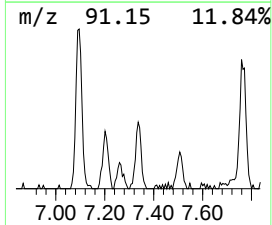
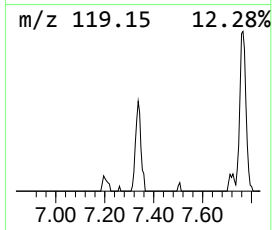
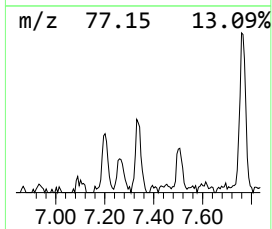
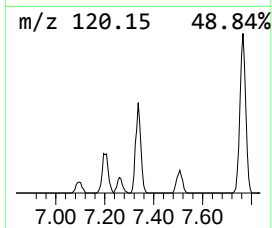
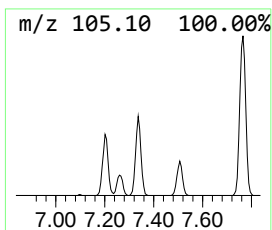
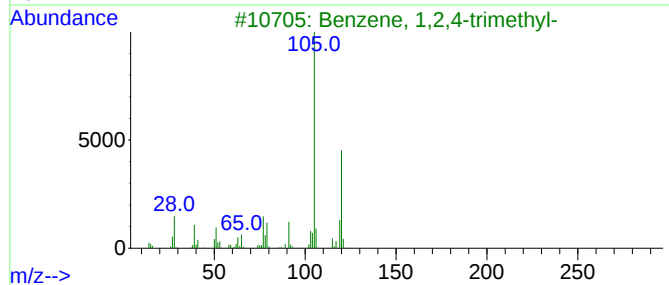
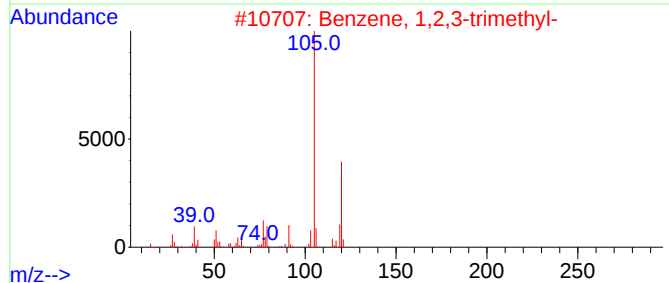
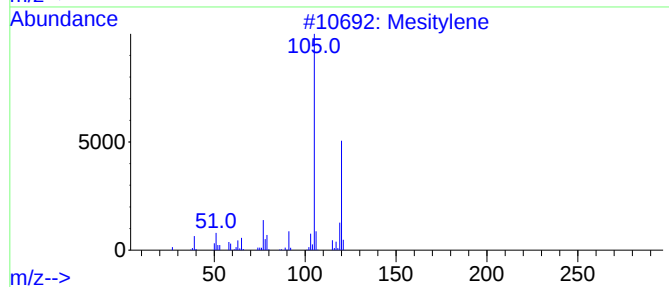
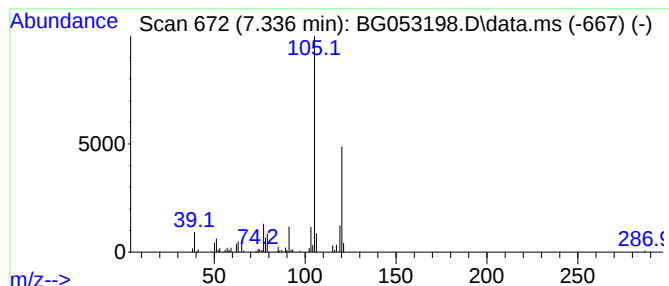
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.336	7.06 ng	136203	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
Operator : CG/JU
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Misc :
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Instrument :
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ClientSampleId :
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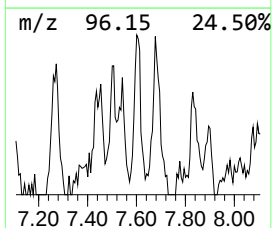
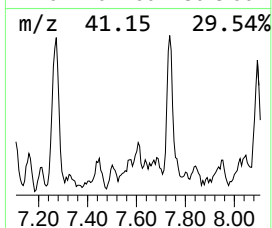
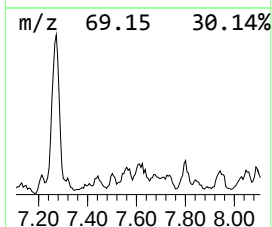
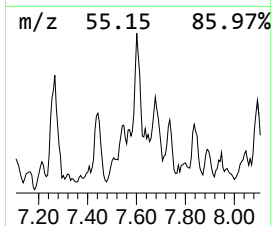
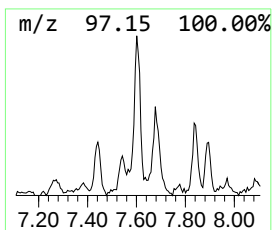
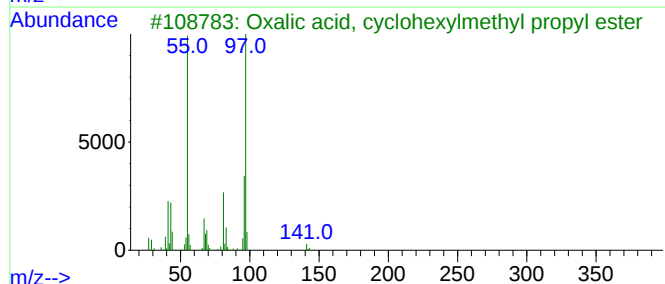
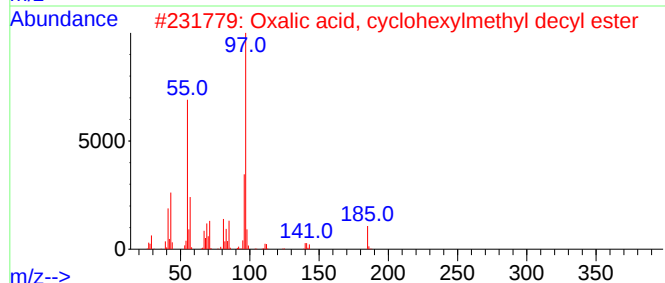
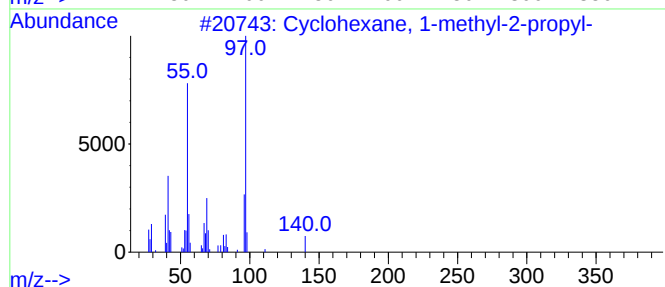
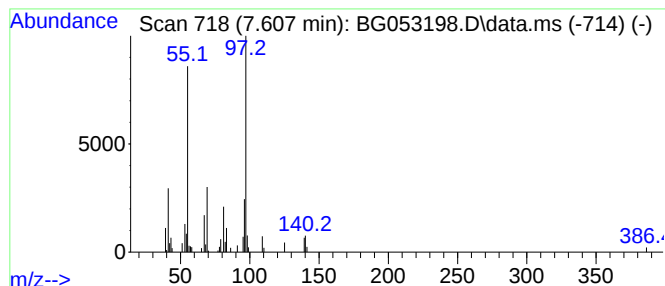
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1-methyl-2-pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.607	7.25 ng	139804	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	80
2			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	72
3			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	72
4			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	72
5			Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
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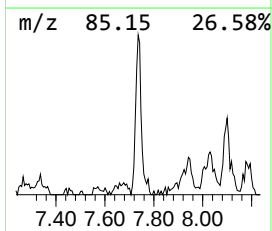
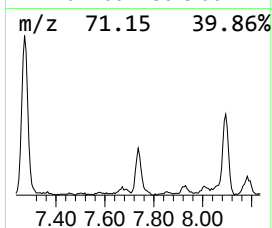
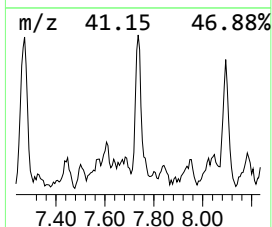
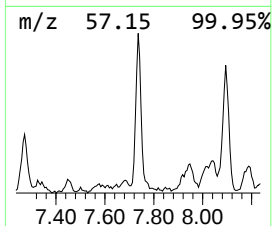
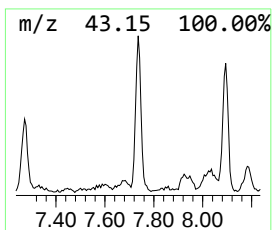
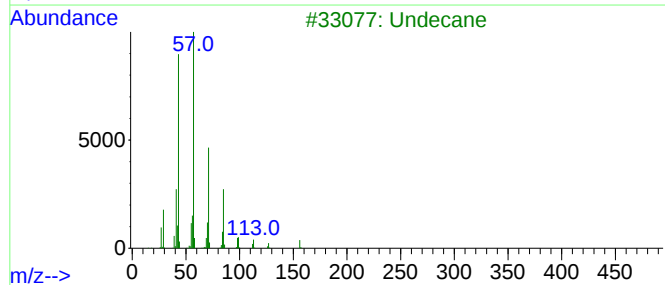
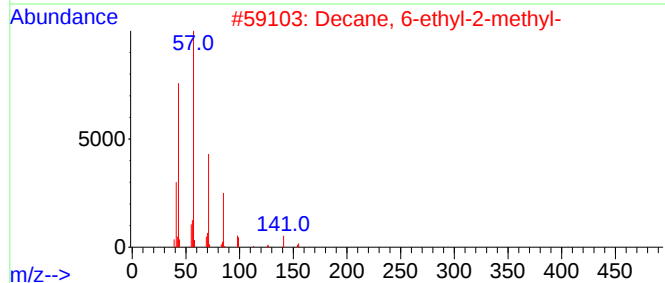
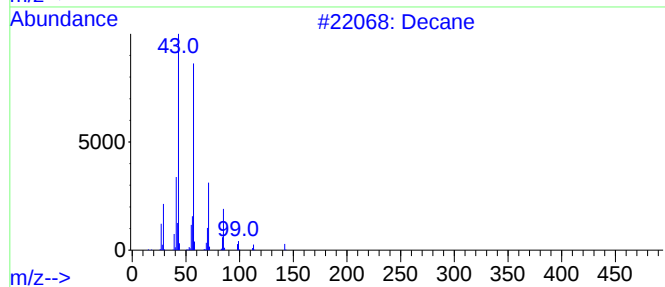
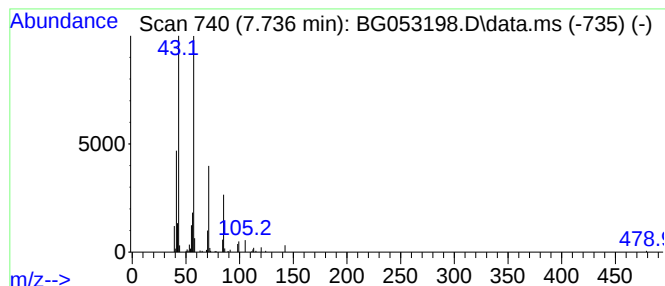
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.736	10.96 ng	211404	1,4-Dichlorobenzene-d4	8.118

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane	142	C10H22	000124-18-5	94
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
3		Undecane	156	C11H24	001120-21-4	83
4		Tridecane	184	C13H28	000629-50-5	83
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
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ClientSampleId :
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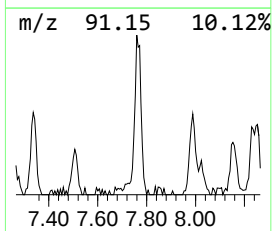
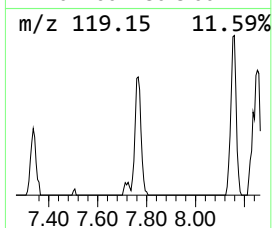
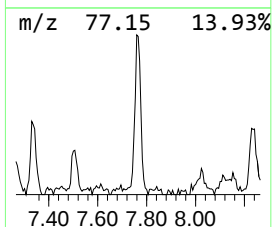
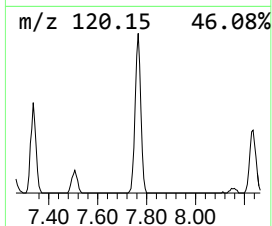
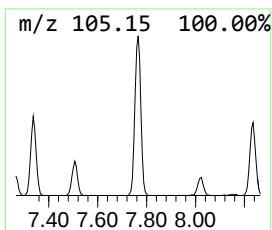
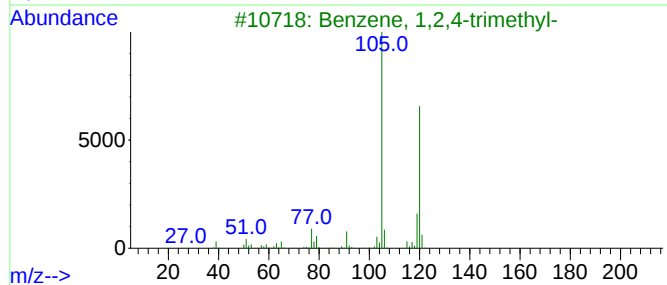
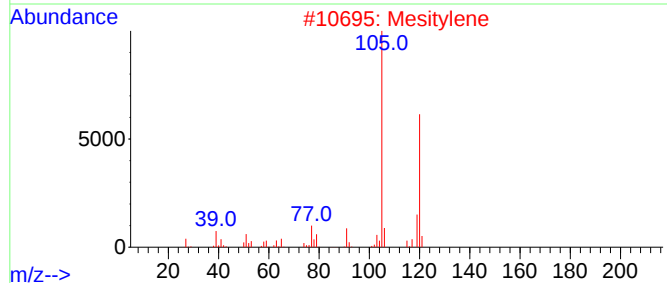
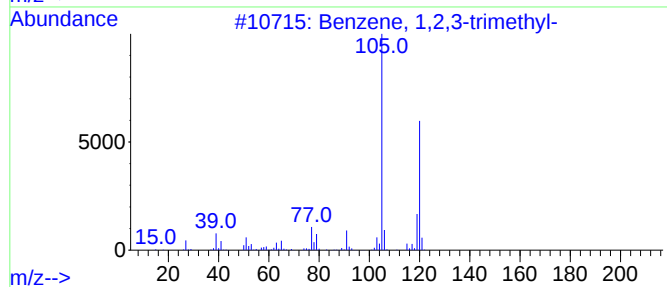
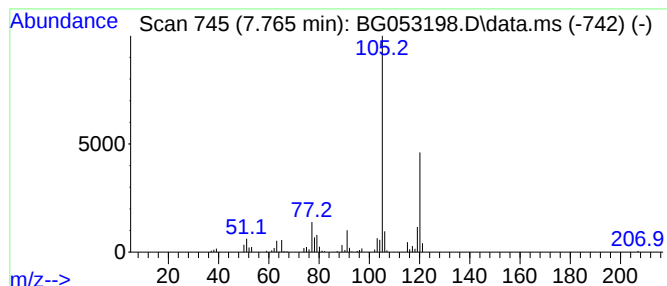
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.765	13.84 ng	266961	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2			Mesitylene	120	C9H12	000108-67-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
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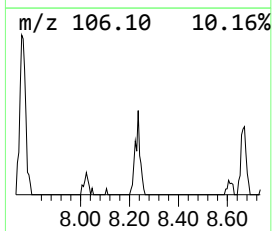
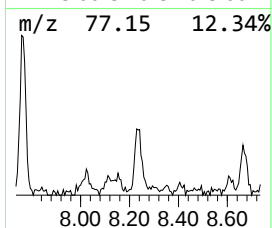
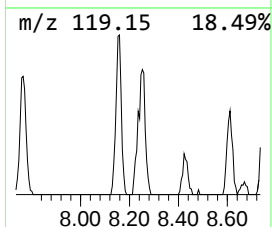
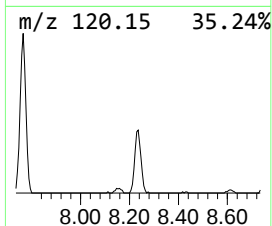
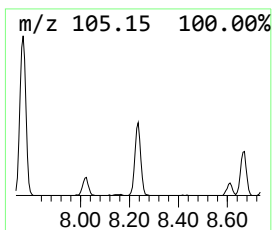
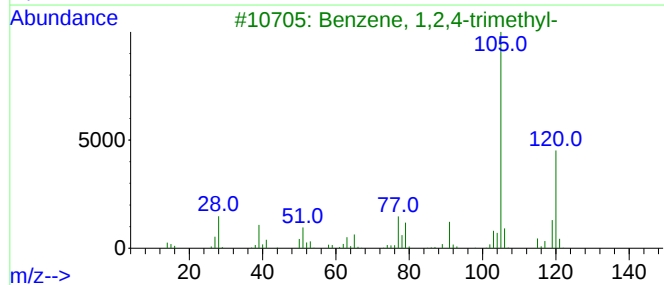
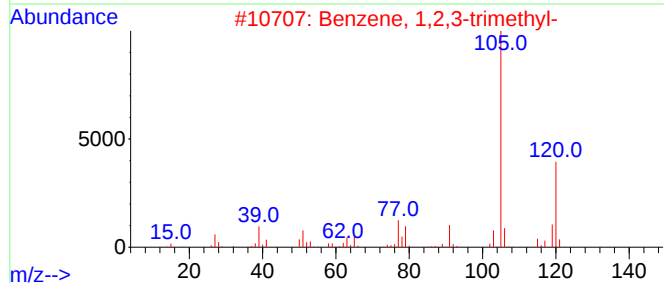
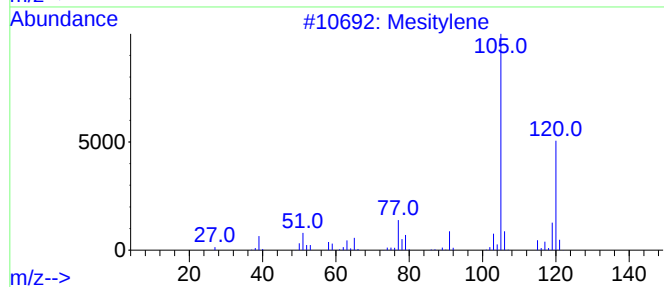
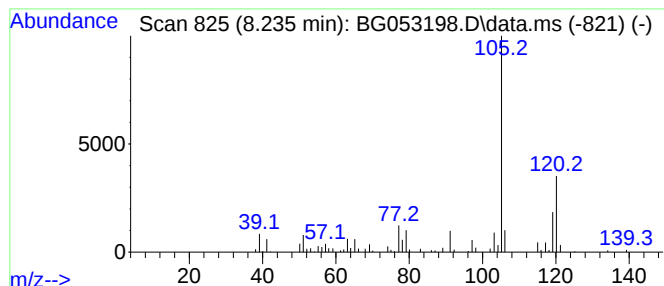
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	6.60 ng	127356	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
Operator : CG/JU
Sample : N2452-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

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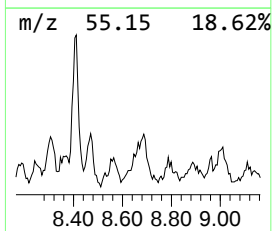
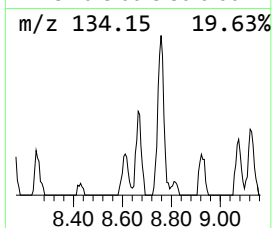
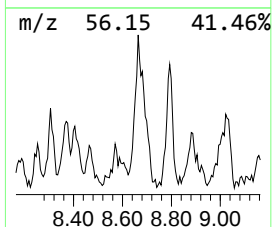
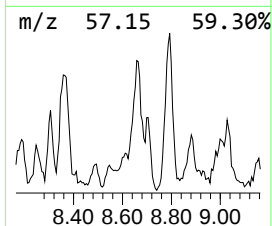
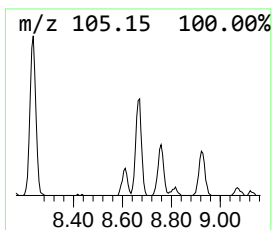
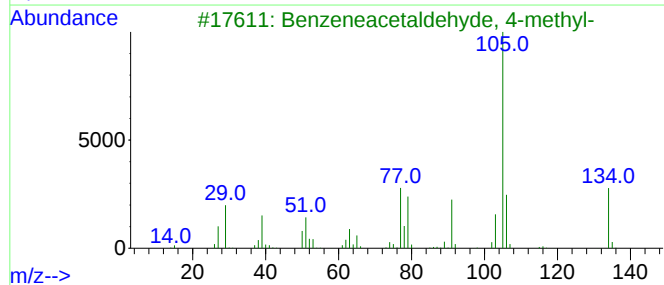
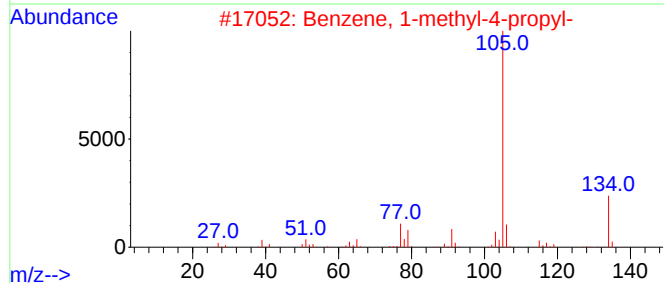
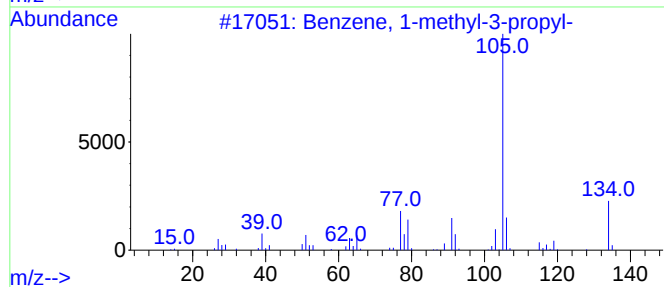
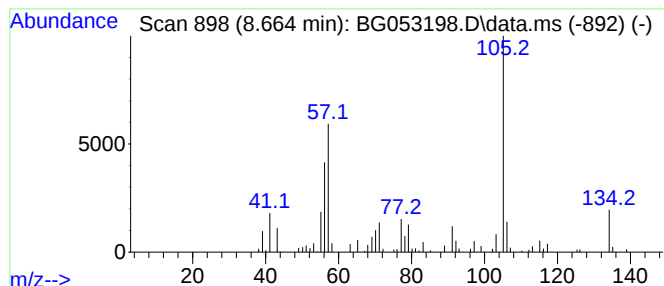
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.664	12.49 ng	241025	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
2			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
3			Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	50
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
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ClientSampleId :
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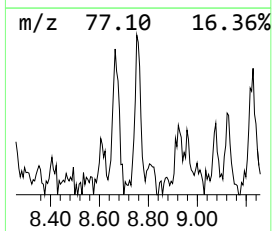
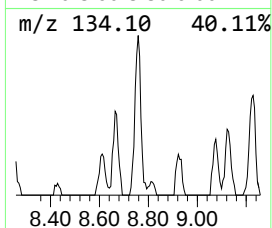
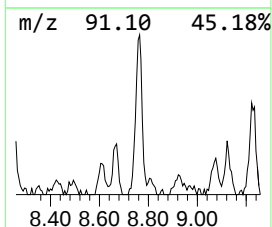
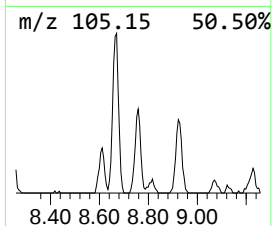
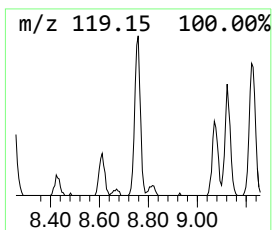
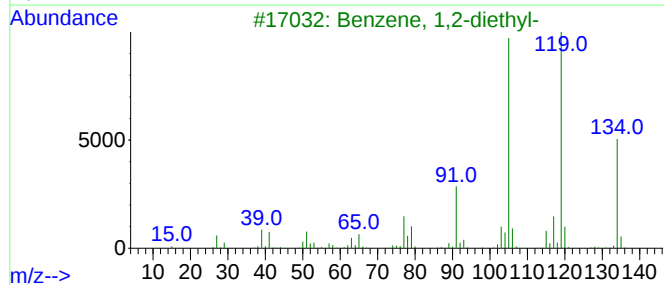
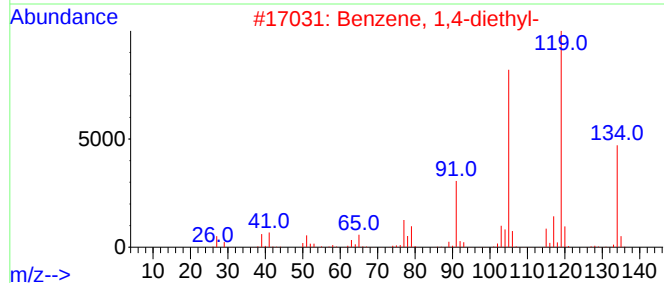
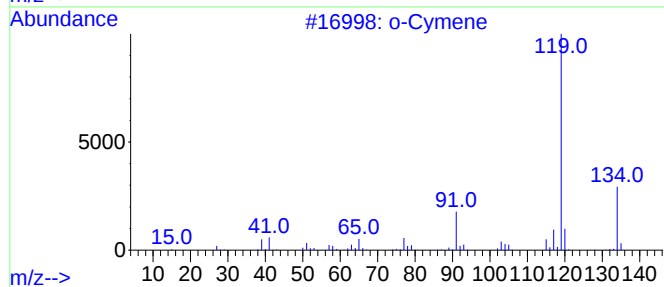
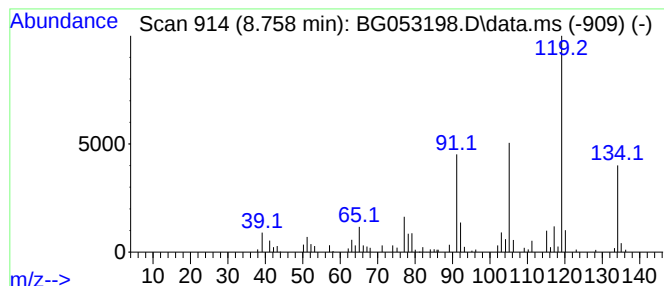
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.758	10.73 ng	206975	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
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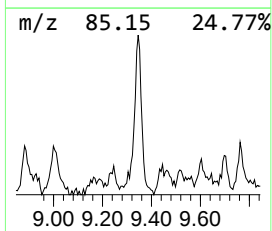
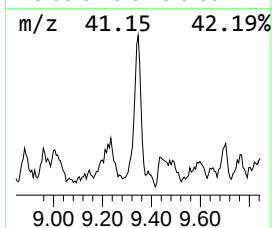
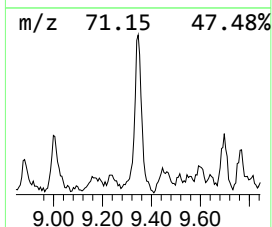
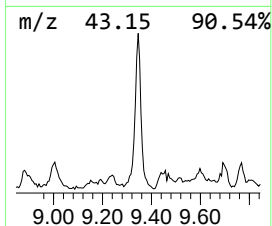
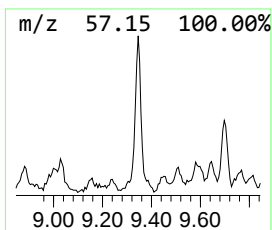
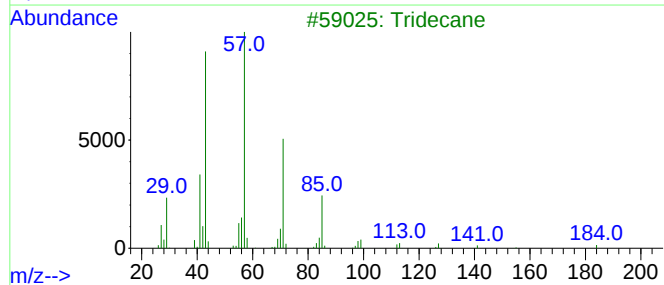
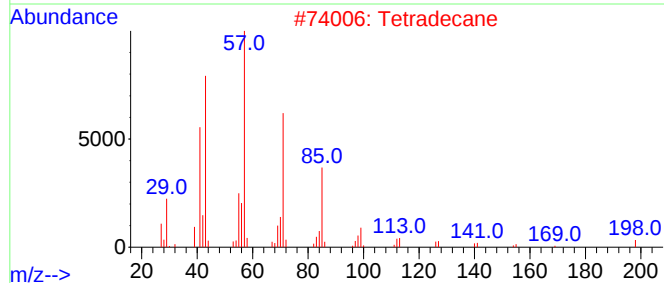
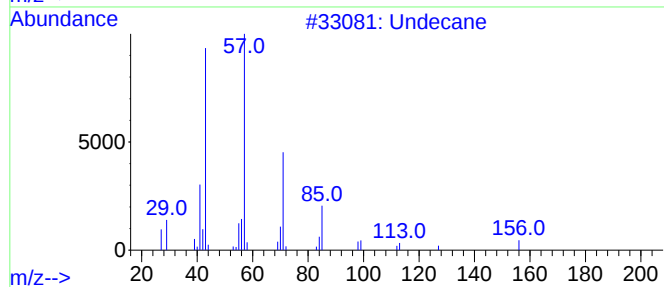
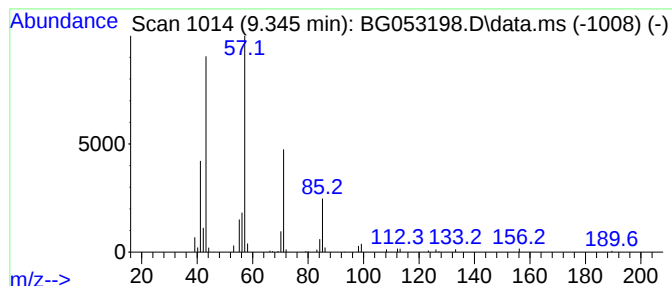
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	11.64 ng	224494	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Tetradecane			198	C14H30	000629-59-4	78
3	Tridecane			184	C13H28	000629-50-5	78
4	Sulfurous acid, 2-propyl tetra...			320	C17H36O3S	1010309-12-5	78
5	Decane, 2-methyl-			156	C11H24	006975-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
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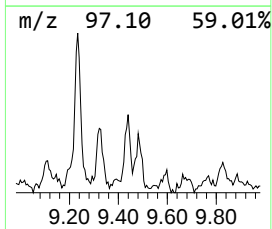
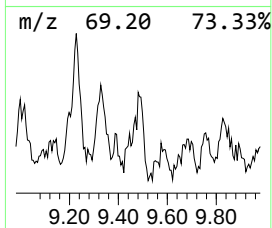
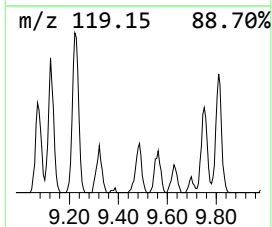
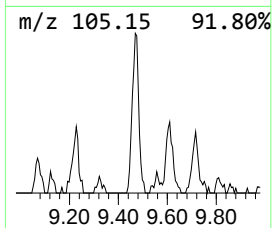
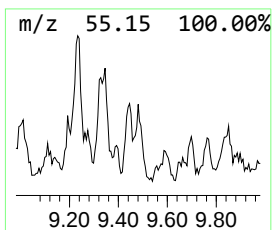
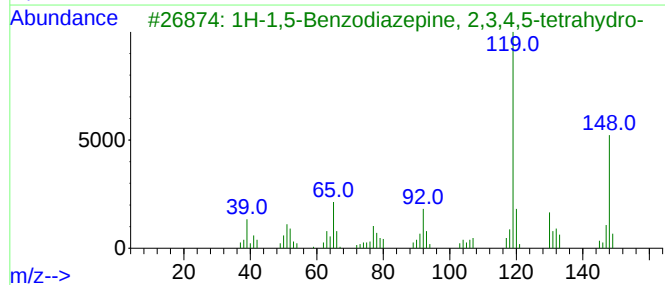
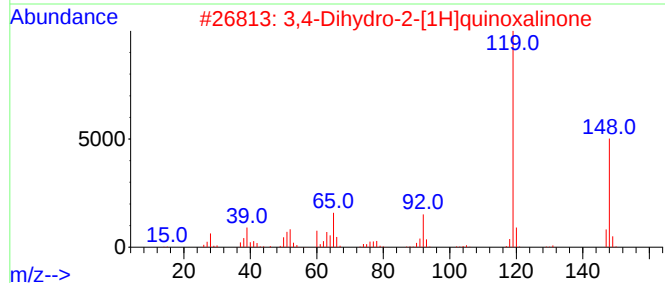
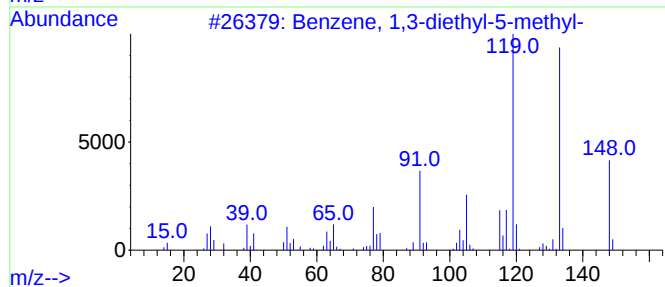
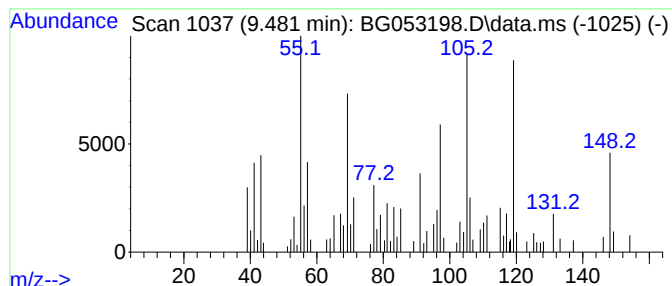
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.481	9.86 ng	190162	1,4-Dichlorobenzene-d4	8.118

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
2			3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	30
3			1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	30
4			Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	27
5			1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
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Instrument :
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ClientSampleId :
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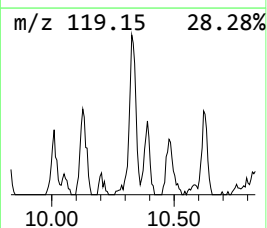
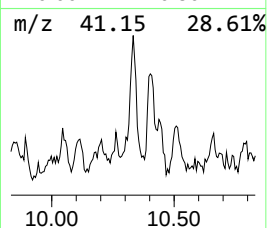
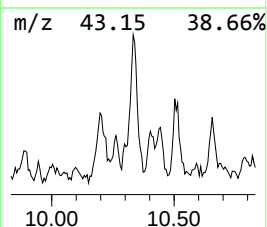
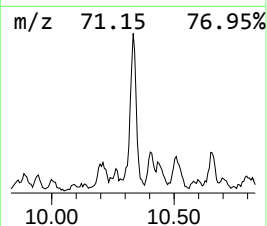
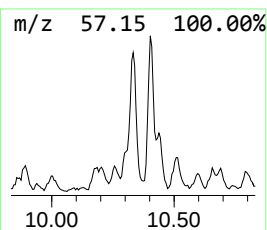
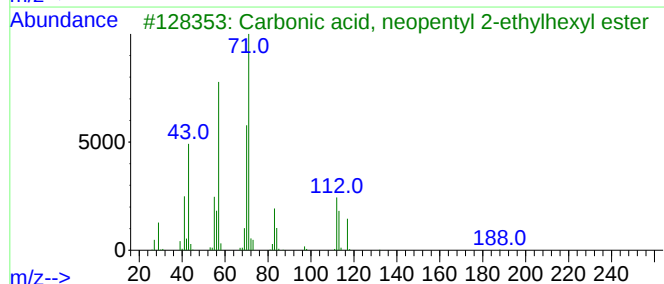
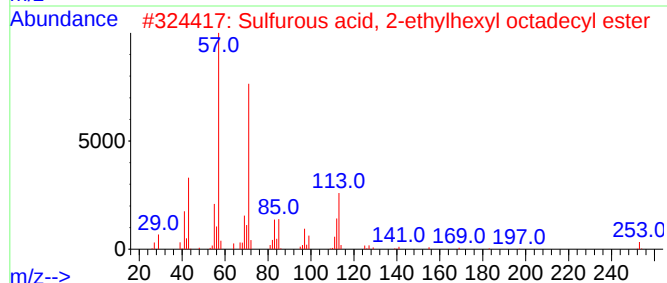
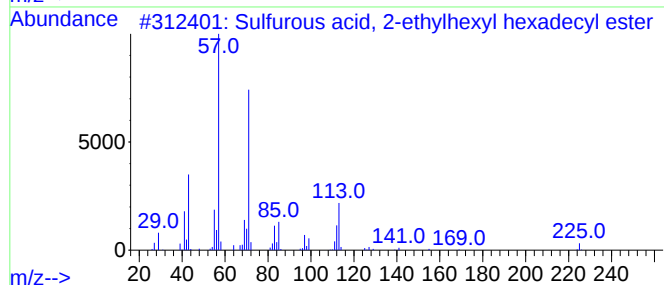
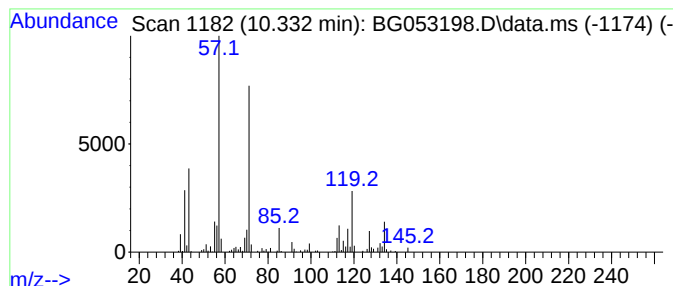
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.332	11.39 ng	219482	Naphthalene-d8	10.932

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
2			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
3			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	47
4			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	47
5			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
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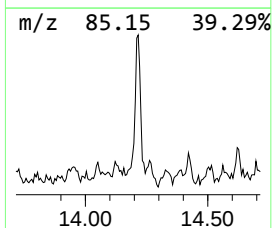
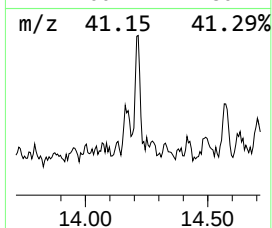
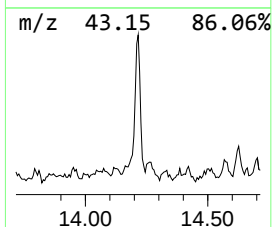
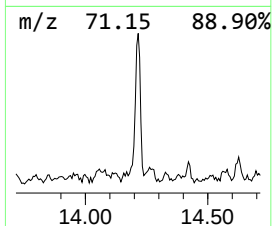
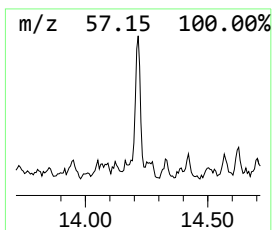
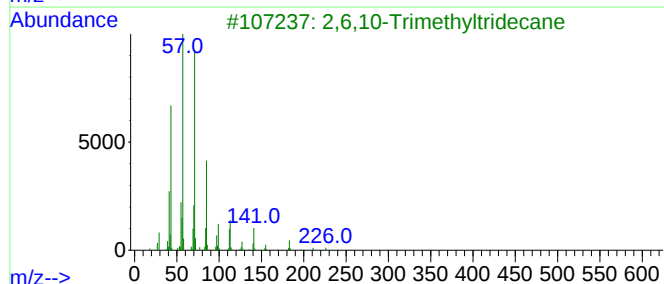
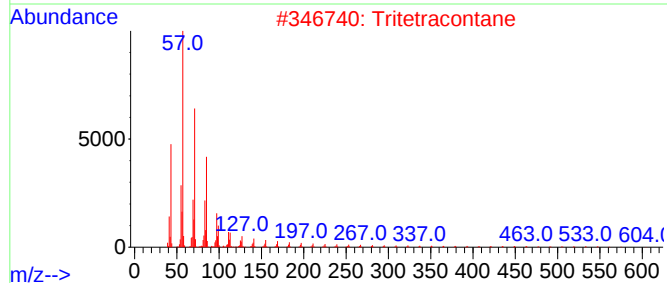
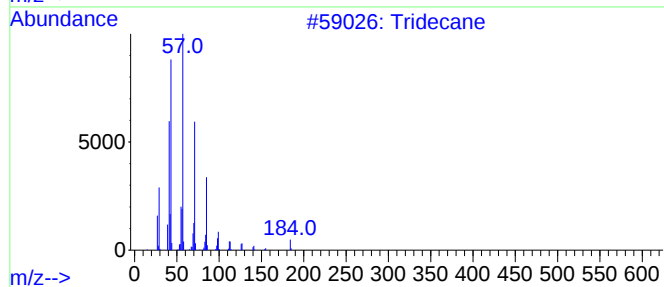
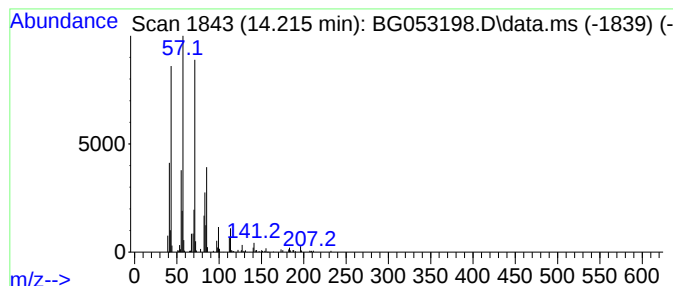
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.215	7.59 ng	242163	Acenaphthene-d10	14.738

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Tritetracontane	605	C43H88	007098-21-7	83
3			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80
4			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

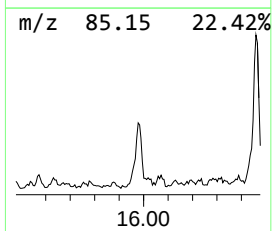
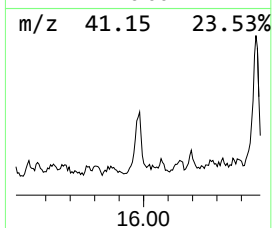
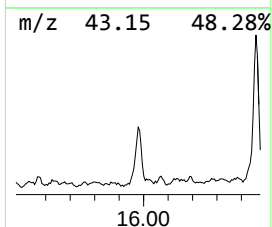
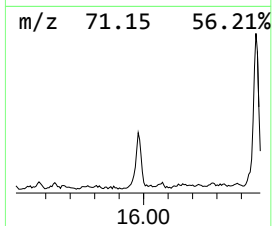
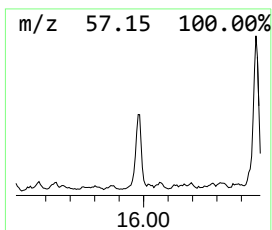
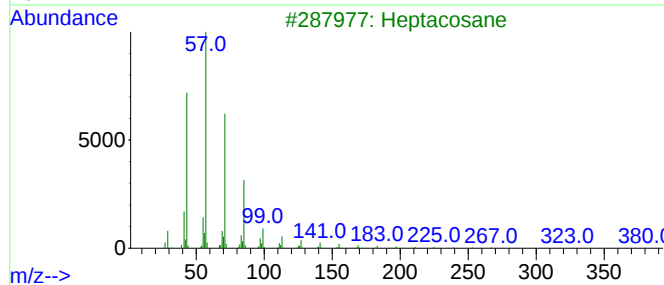
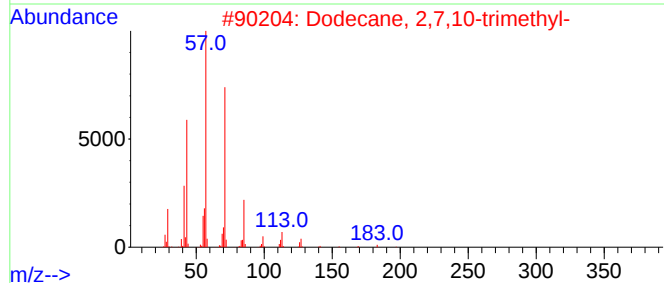
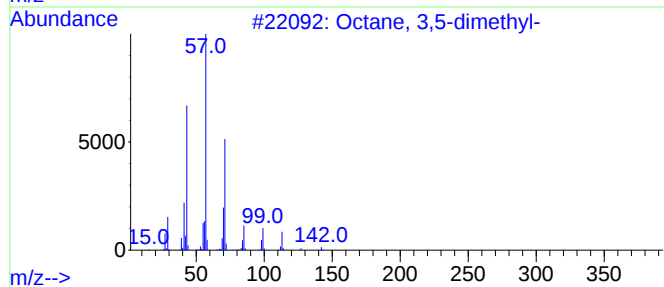
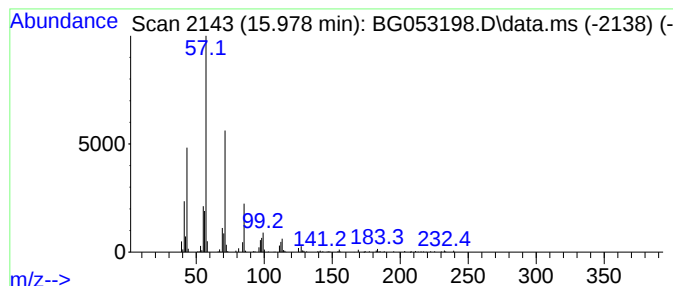
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

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 Octane, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.978	10.93 ng	348758	Acenaphthene-d10			14.738
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	80
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	78
3	Heptacosane		380	C27H56	000593-49-7	78
4	Hexadecane		226	C16H34	000544-76-3	64
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
Operator : CG/JU
Sample : N2452-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

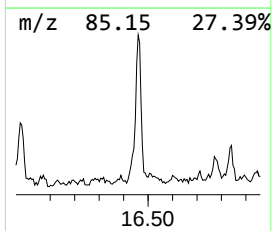
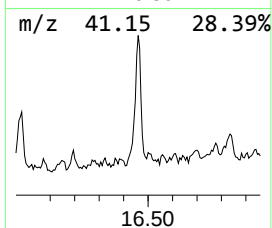
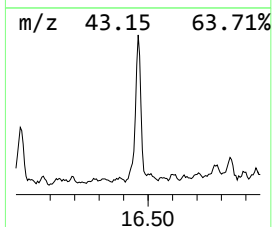
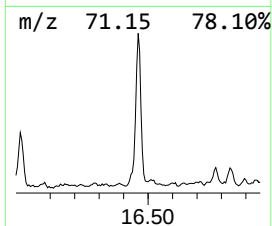
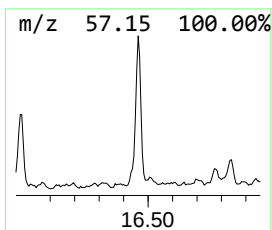
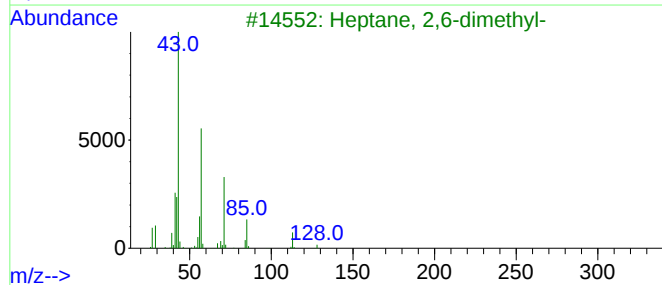
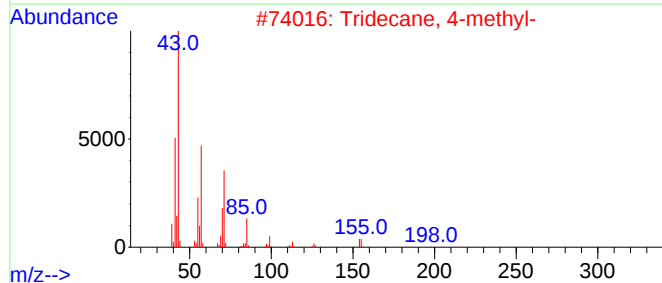
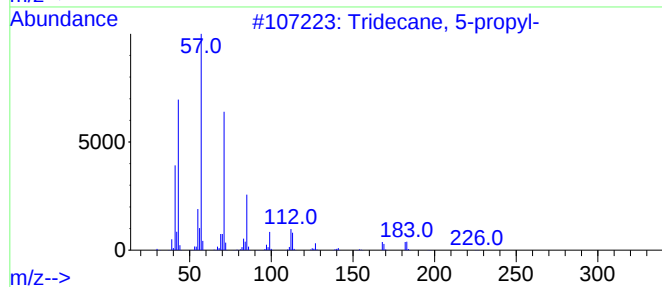
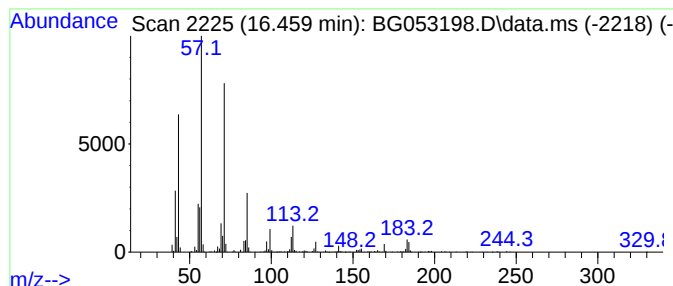
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.459	26.52 ng	800441	Phenanthrene-d10	17.481

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	83
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
4		Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
5		Hexanamide, N-methallyl-	169	C10H19NO	1000340-14-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
Operator : CG/JU
Sample : N2452-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

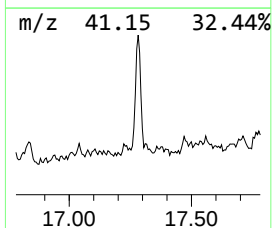
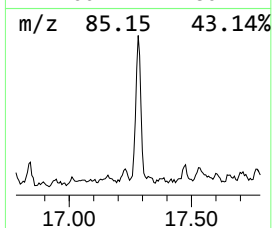
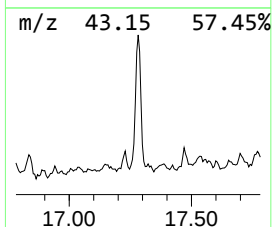
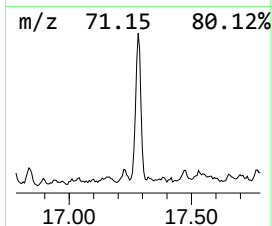
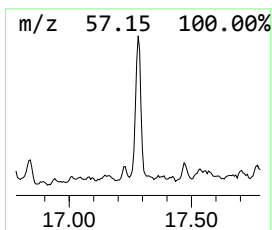
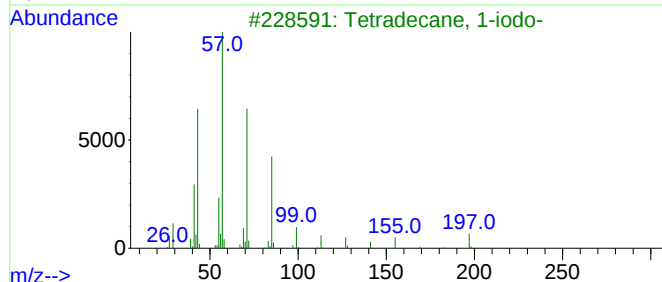
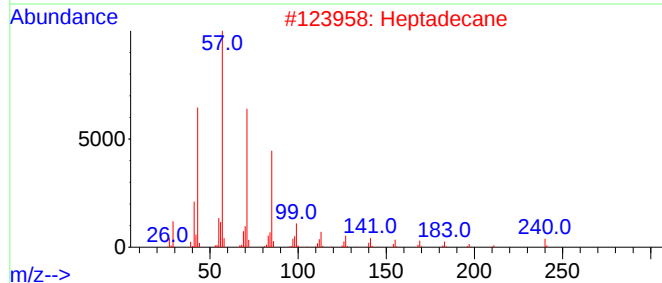
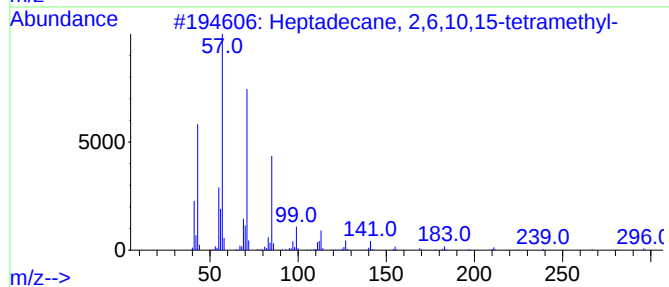
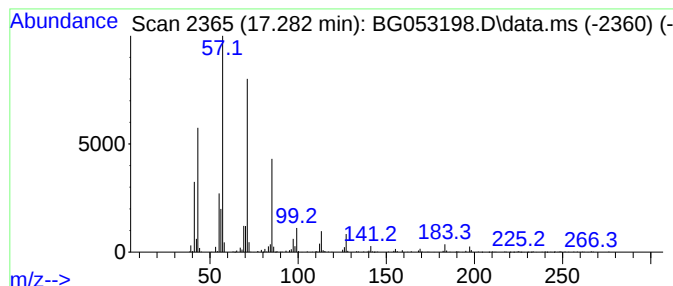
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.282	27.38 ng	826474	Phenanthrene-d10	17.481

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Heptadecane	240	C17H36	000629-78-7	83
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
Data File : BG053198.D
Acq On : 19 Apr 2022 16:40
Operator : CG/JU
Sample : N2452-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

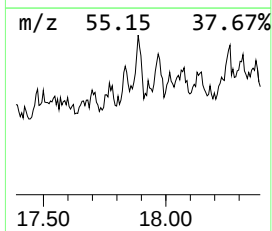
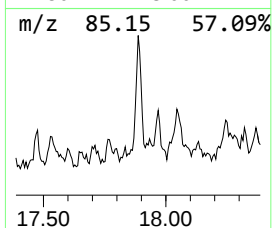
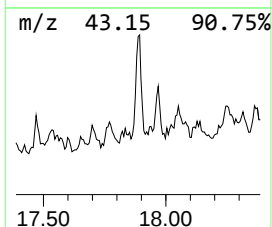
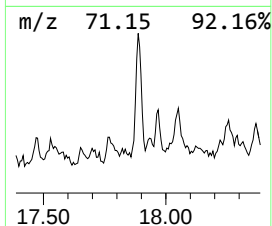
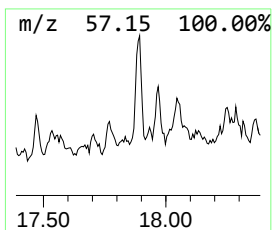
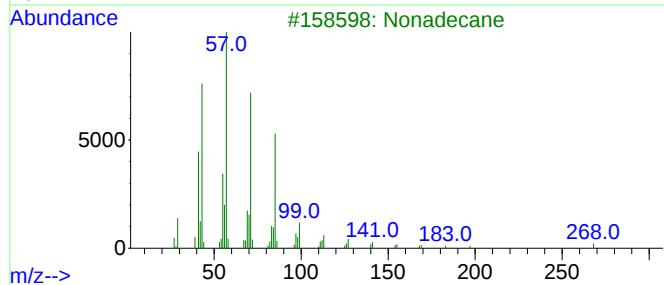
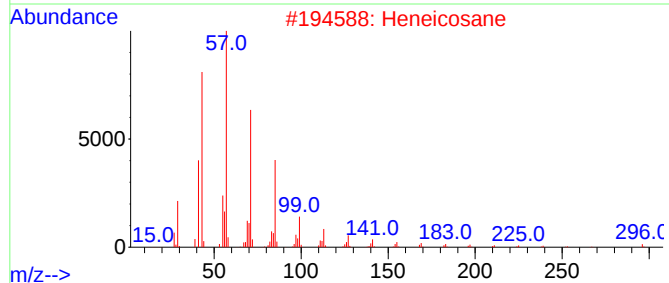
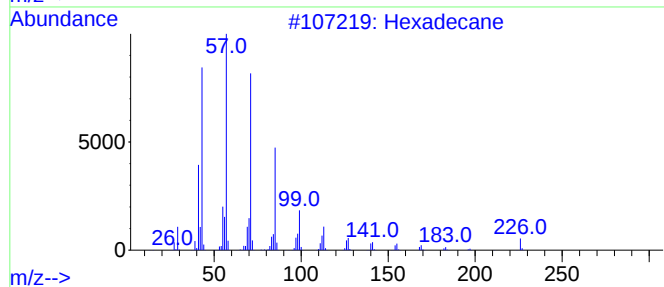
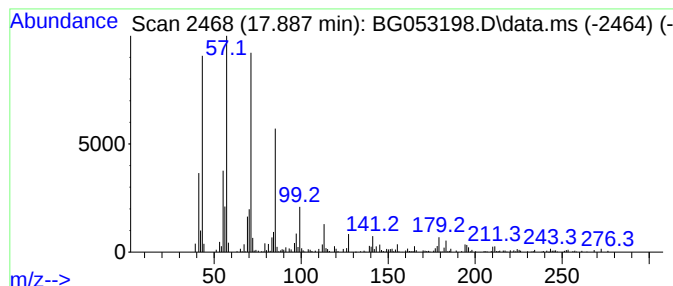
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.887	10.27 ng	309947	Phenanthrene-d10	17.481

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Heneicosane	296	C21H44	000629-94-7	86
3		Nonadecane	268	C19H40	000629-92-5	86
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053198.D
 Acq On : 19 Apr 2022 16:40
 Operator : CG/JU
 Sample : N2452-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-5

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
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unknown6.385	6.385	7.4	ng	142571	1	8.118	385805	20.0
Cyclopentane, 1...	6.608	7.1	ng	136981	1	8.118	385805	20.0
Cyclohexane, (1...	6.749	10.6	ng	204131	1	8.118	385805	20.0
unknown7.101	7.101	7.7	ng	147960	1	8.118	385805	20.0
Mesitylene	7.336	7.1	ng	136203	1	8.118	385805	20.0
Cyclohexane, 1-...	7.607	7.3	ng	139804	1	8.118	385805	20.0
Decane	7.736	11.0	ng	211404	1	8.118	385805	20.0
Benzene, 1,2,3-...	7.765	13.8	ng	266961	1	8.118	385805	20.0
Benzene, 1,2,4-...	8.235	6.6	ng	127356	1	8.118	385805	20.0
Benzene, 1-meth...	8.664	12.5	ng	241025	1	8.118	385805	20.0
o-Cymene	8.758	10.7	ng	206975	1	8.118	385805	20.0
Undecane	9.345	11.6	ng	224494	1	8.118	385805	20.0
Benzene, 1,3-di...	9.481	9.9	ng	190162	1	8.118	385805	20.0
Sulfurous acid,...	10.332	11.4	ng	219482	2	10.932	385287	20.0
Tridecane	14.215	7.6	ng	242163	3	14.738	638185	20.0
Octane, 3,5-dim...	15.978	10.9	ng	348758	3	14.738	638185	20.0
Tridecane, 5-pr...	16.459	26.5	ng	800441	4	17.481	603666	20.0
Heptadecane, 2,...	17.282	27.4	ng	826474	4	17.481	603666	20.0
Hexadecane	17.887	10.3	ng	309947	4	17.481	603666	20.0