

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048464.D
 Acq On : 23 Mar 2021 5:21
 Operator : CG/JU
 Sample : M1756-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-03-031921

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-BG031821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048464.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.652	388	394	403	rBV	454440	730573	28.75%	1.767%
2	7.251	659	666	674	rBV	511835	906068	35.66%	2.192%
3	7.721	741	746	754	rVB	177664	279475	11.00%	0.676%
4	8.103	801	811	817	rVV2	252993	566709	22.30%	1.371%
5	8.220	827	831	838	rBV2	41457	78323	3.08%	0.189%
6	8.396	857	861	867	rVB4	54174	93757	3.69%	0.227%
7	8.631	892	901	907	rVV4	86970	260534	10.25%	0.630%
8	8.690	908	911	915	rVB2	89356	123250	4.85%	0.298%
9	8.761	915	923	928	rBV2	138611	311341	12.25%	0.753%
10	8.866	935	941	945	rBV2	126845	208411	8.20%	0.504%
11	9.107	978	982	990	rVB4	51722	120549	4.74%	0.292%
12	9.219	996	1001	1005	rVV2	161134	312494	12.30%	0.756%
13	9.272	1005	1010	1014	rVV	286629	559420	22.02%	1.353%
14	9.336	1014	1021	1026	rVB	856938	1418502	55.82%	3.431%
15	9.430	1032	1037	1038	rBV3	73182	101810	4.01%	0.246%
16	9.466	1038	1043	1051	rVB6	131354	298895	11.76%	0.723%
17	9.589	1051	1064	1073	rBV9	105836	401183	15.79%	0.970%
18	9.695	1073	1082	1086	rBV10	55006	152453	6.00%	0.369%
19	9.754	1086	1092	1096	rBV2	134213	237135	9.33%	0.574%
20	9.801	1096	1100	1104	rBV	93399	150849	5.94%	0.365%
21	10.000	1124	1134	1137	rBV8	82776	223915	8.81%	0.542%
22	10.041	1137	1141	1146	rVB3	151955	256054	10.08%	0.619%
23	10.106	1146	1152	1158	rBV6	141631	316387	12.45%	0.765%
24	10.171	1158	1163	1164	rBV2	122289	171218	6.74%	0.414%
25	10.259	1172	1178	1183	rBV3	195415	349905	13.77%	0.846%
26	10.335	1183	1191	1196	rVV3	300031	697693	27.46%	1.688%
27	10.382	1196	1199	1204	rVB2	103689	158475	6.24%	0.383%
28	10.441	1204	1209	1214	rBV	188587	333356	13.12%	0.806%
29	10.500	1216	1219	1224	rVB4	92103	138400	5.45%	0.335%
30	10.558	1224	1229	1235	rVB	126208	233258	9.18%	0.564%
31	10.623	1235	1240	1242	rBV3	89325	155999	6.14%	0.377%
32	10.705	1249	1254	1258	rBV4	62372	109754	4.32%	0.265%
33	10.782	1263	1267	1269	rBV4	59581	87307	3.44%	0.211%
34	10.817	1270	1273	1276	rBV3	52689	73085	2.88%	0.177%
35	10.893	1279	1286	1290	rBV	1425609	2404408	94.62%	5.816%
36	11.040	1306	1311	1313	rBV5	98985	164550	6.48%	0.398%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.076	1313	1317	1323	rVB	481515	793699	31.24%	1.920%
38	11.140	1323	1328	1335	rBV6	159155	325391	12.81%	0.787%
39	11.299	1351	1355	1359	rBV5	52623	106487	4.19%	0.258%
40	11.340	1360	1362	1367	rVV5	56545	90406	3.56%	0.219%
41	11.393	1367	1371	1381	rVB4	141464	395135	15.55%	0.956%
42	11.587	1400	1404	1405	rBV2	89024	100200	3.94%	0.242%
43	11.628	1406	1411	1417	rVV6	269172	666987	26.25%	1.613%
44	11.681	1417	1420	1427	rVB4	142552	276065	10.86%	0.668%
45	11.757	1428	1433	1439	rBV4	255163	422455	16.63%	1.022%
46	11.833	1441	1446	1454	rVB3	337436	610578	24.03%	1.477%
47	11.939	1454	1464	1468	rBV	585828	1037157	40.82%	2.509%
48	11.980	1468	1471	1475	rVV3	144885	202667	7.98%	0.490%
49	12.033	1475	1480	1485	rVB3	119197	219167	8.63%	0.530%
50	12.115	1489	1494	1500	rVB3	291846	533691	21.00%	1.291%
51	12.210	1502	1510	1513	rBV7	98132	213441	8.40%	0.516%
52	12.333	1523	1531	1540	rBV	1590425	2541042	100.00%	6.146%
53	12.468	1550	1554	1558	rVB2	204851	294006	11.57%	0.711%
54	12.550	1562	1568	1577	rVB5	231670	525331	20.67%	1.271%
55	12.826	1611	1615	1620	rVB3	208081	347677	13.68%	0.841%
56	12.962	1632	1638	1642	rBV3	213237	372759	14.67%	0.902%
57	13.003	1642	1645	1647	rBV4	95264	130262	5.13%	0.315%
58	13.067	1652	1656	1660	rVV3	162423	301996	11.88%	0.730%
59	13.138	1664	1668	1673	rVB3	282051	422230	16.62%	1.021%
60	13.226	1679	1683	1687	rBV3	169162	262430	10.33%	0.635%
61	13.279	1687	1692	1699	rVB2	510073	800610	31.51%	1.936%
62	13.367	1702	1707	1713	rVB	668981	1041903	41.00%	2.520%
63	13.561	1734	1740	1748	rBV	1357542	2049018	80.64%	4.956%
64	13.655	1753	1756	1758	rVV3	117963	172041	6.77%	0.416%
65	13.690	1759	1762	1766	rVV2	182910	290617	11.44%	0.703%
66	13.731	1766	1769	1773	rVB5	90805	138555	5.45%	0.335%
67	13.796	1778	1780	1786	rVB6	60366	79474	3.13%	0.192%
68	14.195	1841	1848	1849	rBV6	202036	348186	13.70%	0.842%
69	14.219	1849	1852	1855	rVV	403015	545821	21.48%	1.320%
70	14.260	1855	1859	1864	rVV4	242794	391397	15.40%	0.947%
71	14.331	1868	1871	1877	rVB3	157085	228699	9.00%	0.553%
72	14.577	1910	1913	1917	rVB6	69850	98864	3.89%	0.239%
73	14.630	1917	1922	1931	rVB	896007	1202746	47.33%	2.909%
74	14.712	1931	1936	1937	rBV3	112152	165777	6.52%	0.401%
75	14.748	1937	1942	1948	rVB	520050	872719	34.34%	2.111%
76	15.077	1993	1998	1999	rBV5	69425	106723	4.20%	0.258%

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77	15.130	2004	2007	2012	rVB5	80726	126452	4.98%	0.306%
78	15.247	2024	2027	2035	rVB5	118037	218454	8.60%	0.528%
79	15.459	2061	2063	2071	rVB9	44035	83669	3.29%	0.202%
80	15.582	2079	2084	2088	rVB	486860	626517	24.66%	1.515%
81	15.987	2150	2153	2158	rVB2	98525	140352	5.52%	0.339%
82	16.228	2186	2194	2200	rBV	588120	931340	36.65%	2.253%
83	16.446	2226	2231	2234	rBV	229370	331718	13.05%	0.802%
84	17.239	2362	2366	2370	rVV	109355	138935	5.47%	0.336%
85	17.492	2403	2409	2414	rBV	620804	974499	38.35%	2.357%
86	17.979	2488	2492	2499	rVB2	78893	103151	4.06%	0.249%
87	18.150	2518	2521	2529	rVB4	49036	68329	2.69%	0.165%
88	18.373	2554	2559	2564	rBV3	102032	149424	5.88%	0.361%
89	18.672	2606	2610	2613	rVB	73055	85489	3.36%	0.207%
90	19.289	2710	2715	2718	rBV5	172957	280506	11.04%	0.678%
91	19.319	2718	2720	2726	rVB5	107404	135416	5.33%	0.328%
92	19.542	2753	2758	2764	rVB	77214	147451	5.80%	0.357%
93	19.871	2811	2814	2817	rBV3	88645	117923	4.64%	0.285%
94	19.906	2817	2820	2825	rVV2	92737	148244	5.83%	0.359%
95	20.100	2848	2853	2858	rVB	1284480	1525038	60.02%	3.689%
96	20.400	2902	2904	2908	rVB2	99662	103098	4.06%	0.249%
97	20.899	2986	2989	2993	rBV2	74404	91513	3.60%	0.221%
98	21.416	3074	3077	3081	rBV2	96119	107347	4.22%	0.260%
99	21.787	3134	3140	3146	rVB	585280	964910	37.97%	2.334%
100	25.118	3700	3707	3716	rBV3	313580	834172	32.83%	2.018%

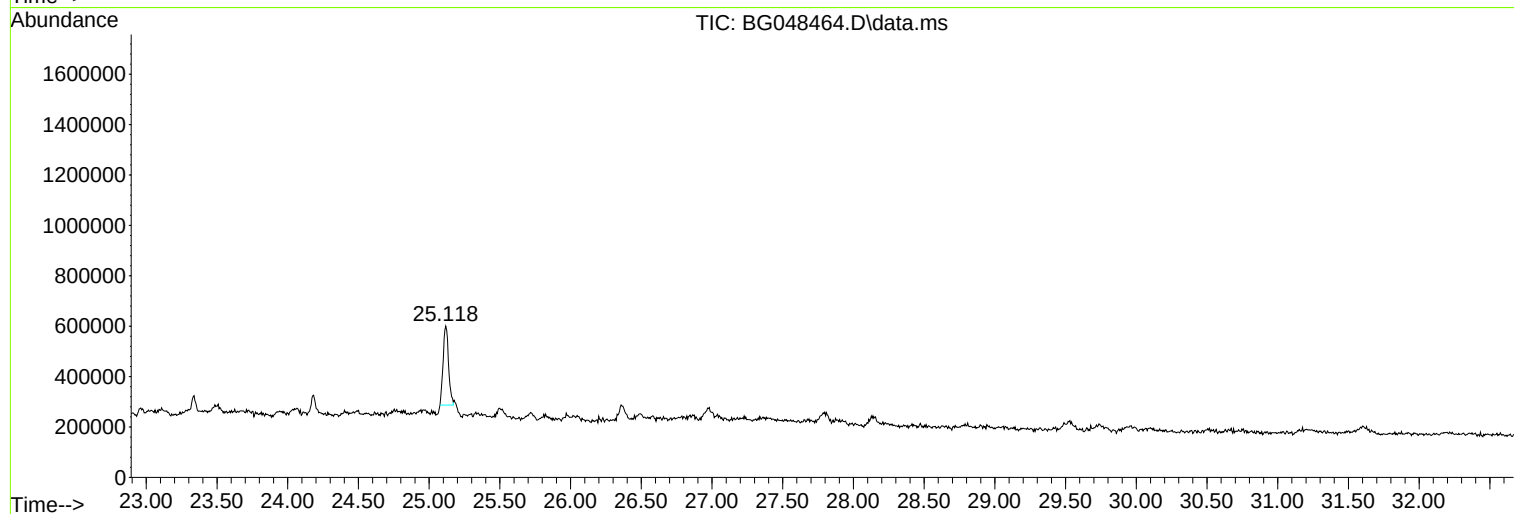
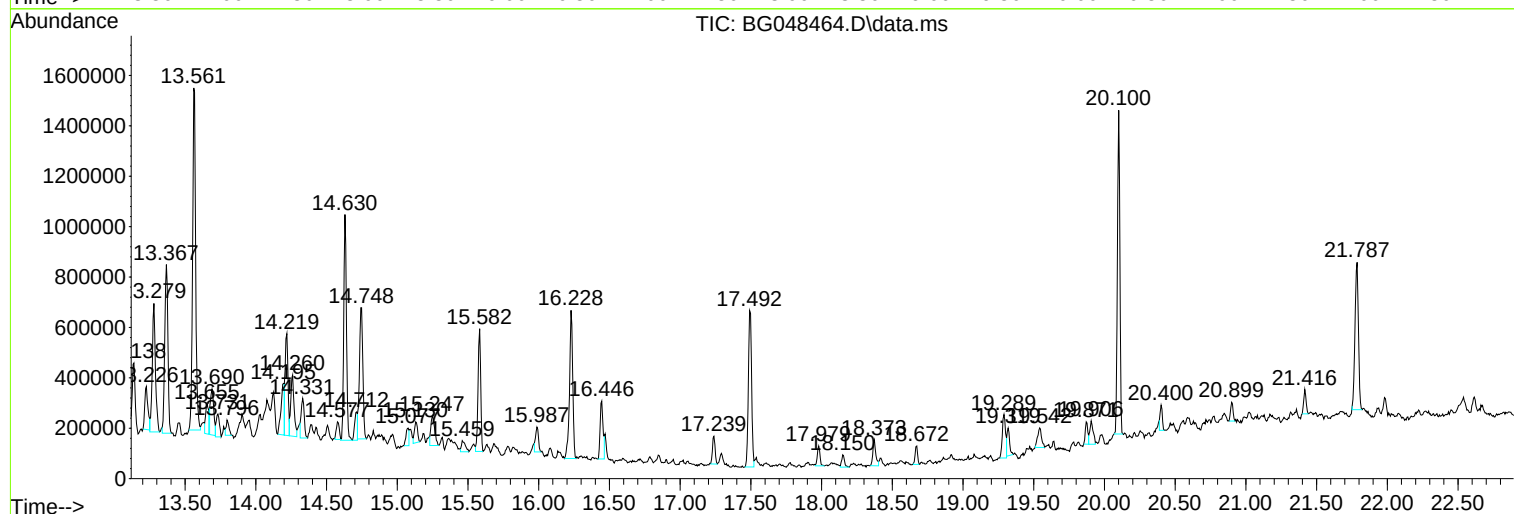
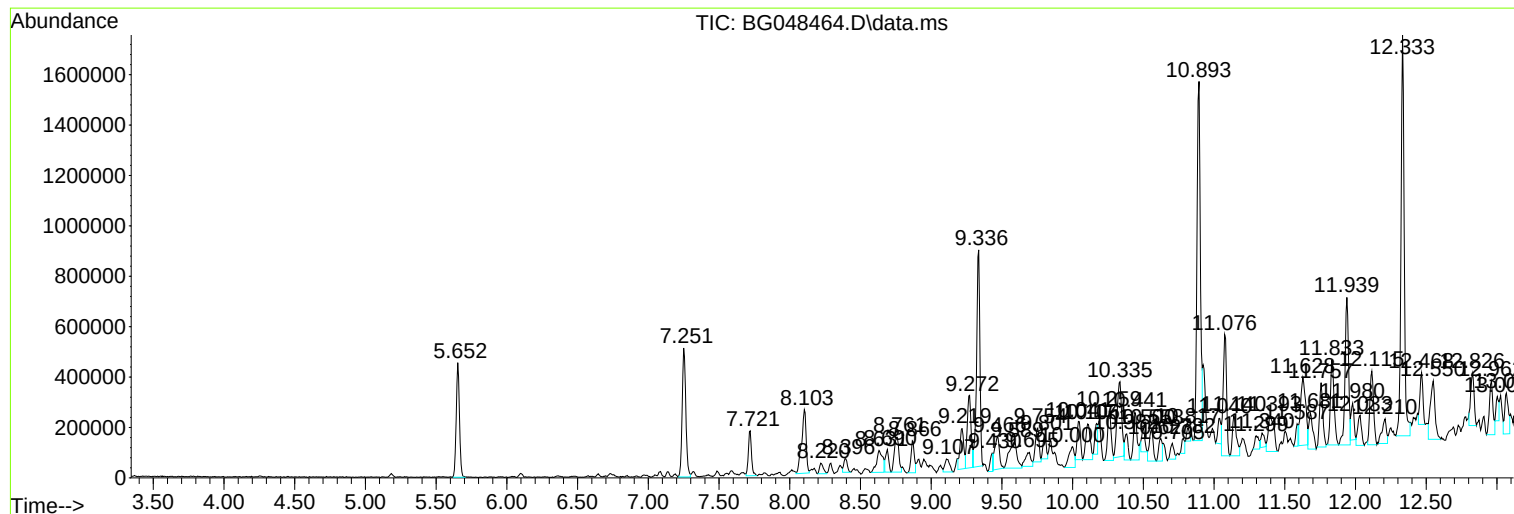
Sum of corrected areas: 41343851

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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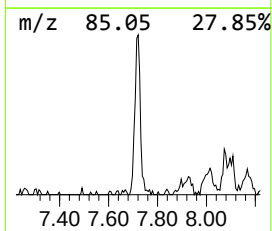
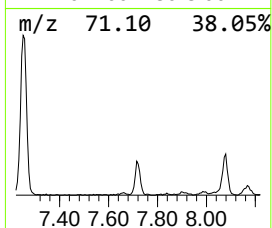
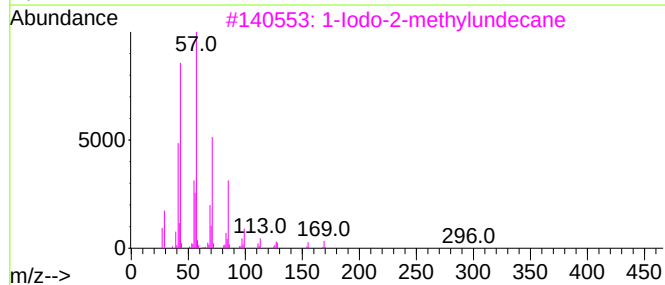
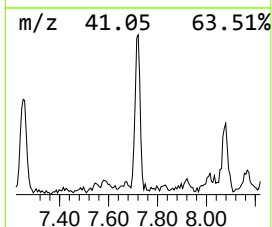
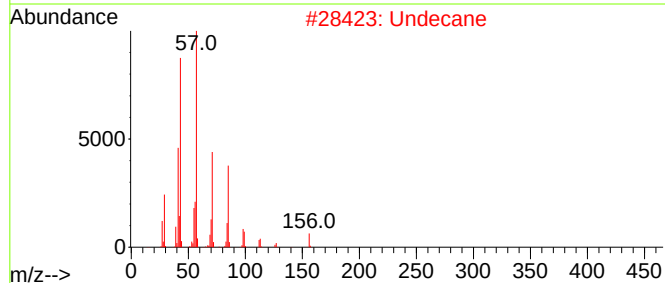
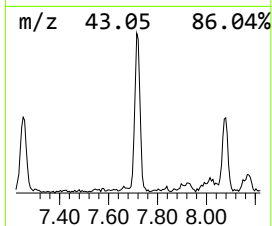
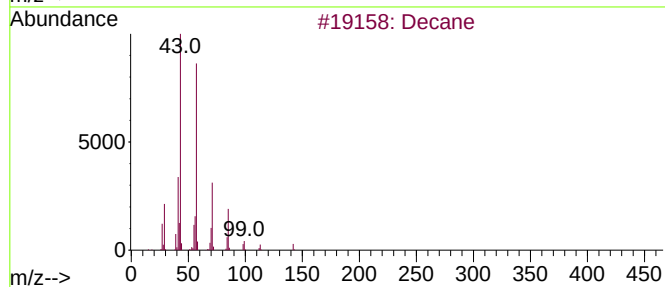
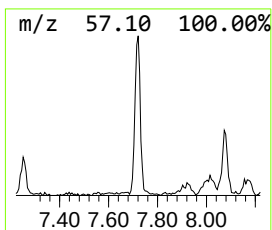
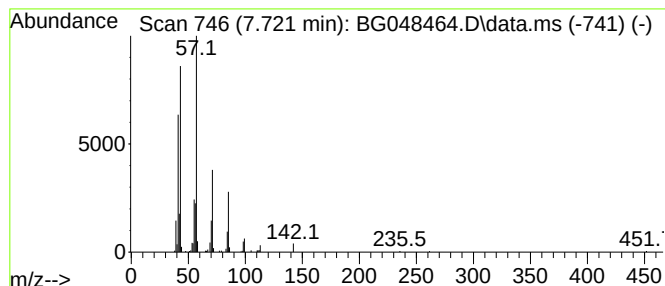
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.721	9.86 ng	279475	1,4-Dichlorobenzene-d4	8.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	94
2			Undecane	156	C11H24	001120-21-4	83
3			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
5			Octane	114	C8H18	000111-65-9	64



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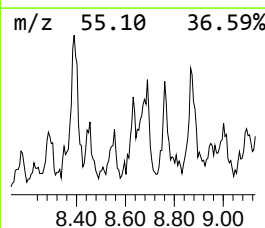
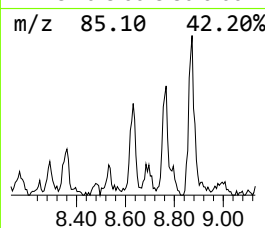
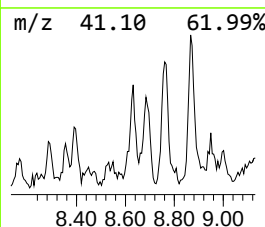
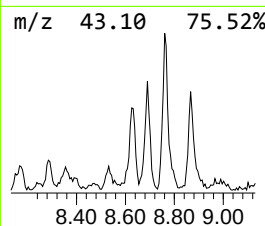
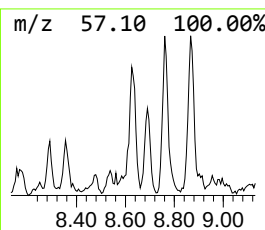
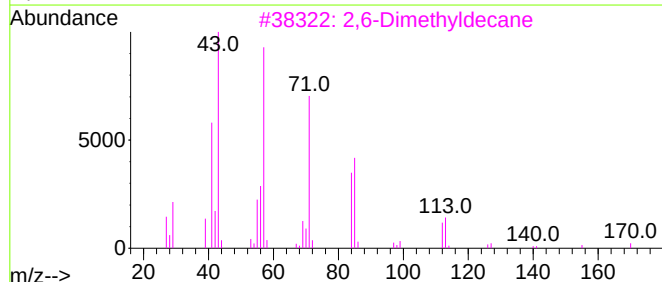
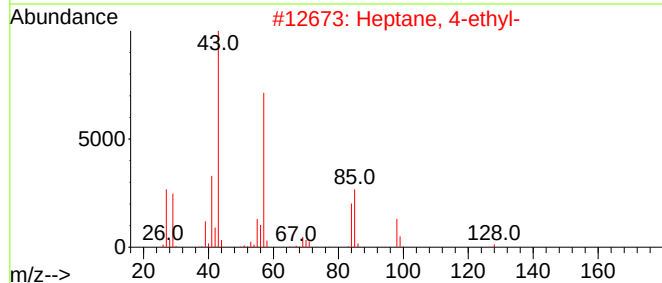
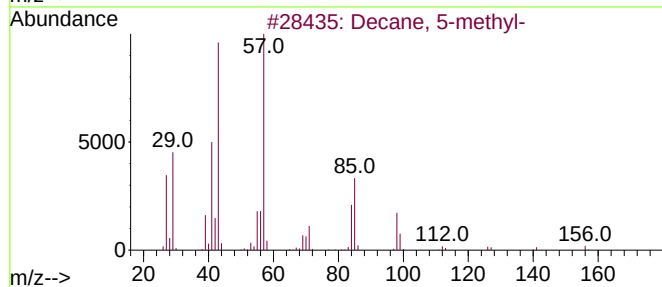
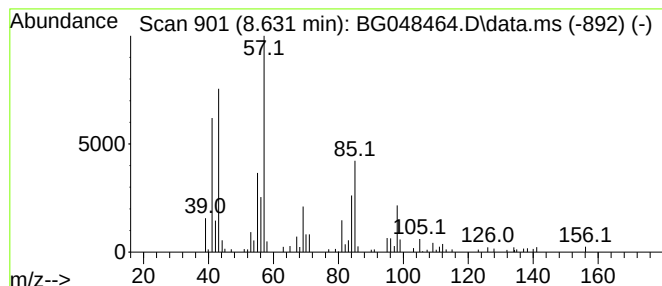
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.631	9.19 ng	260534	1,4-Dichlorobenzene-d4	8.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	86
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	74
3			2,6-Dimethyldecane	170	C12H26	013150-81-7	47
4			Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	47
5			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	47



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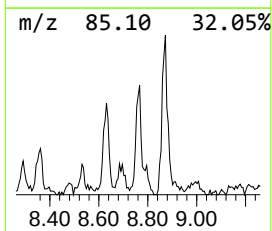
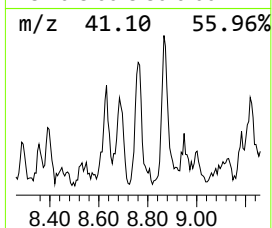
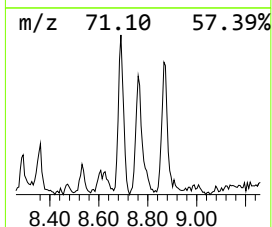
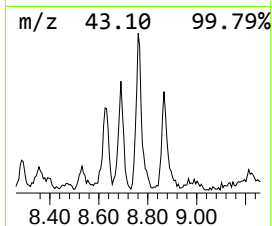
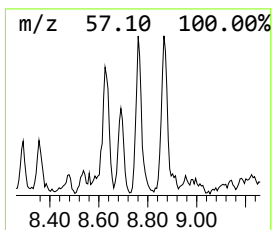
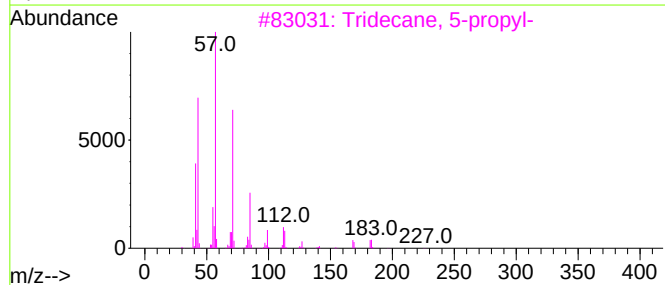
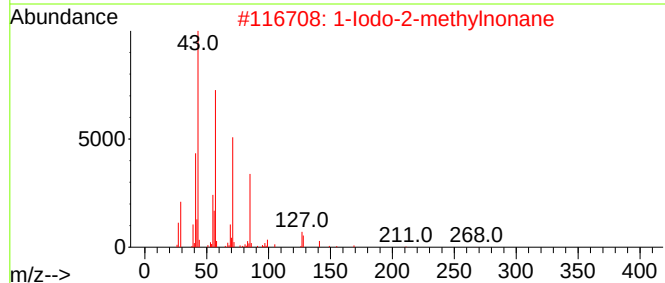
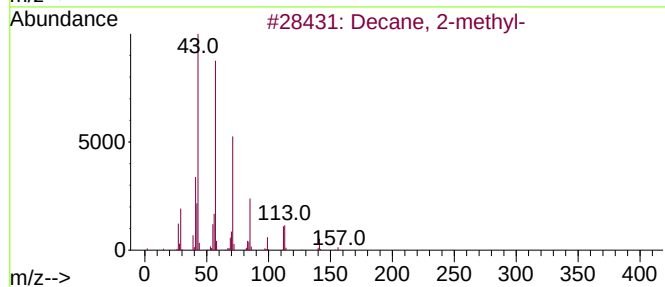
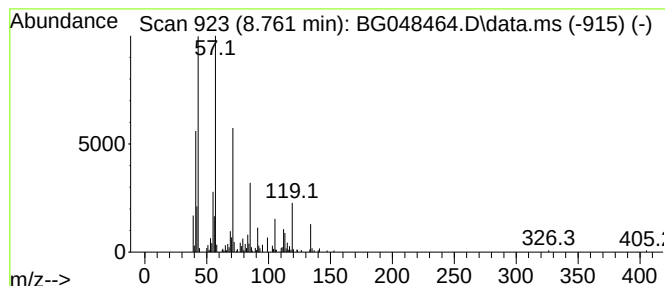
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.761	10.99 ng	311341	1,4-Dichlorobenzene-d4	8.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	59
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	49
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	47
4			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	47
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
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Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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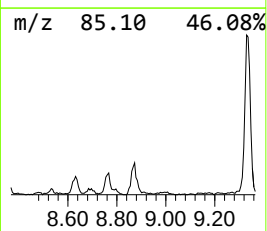
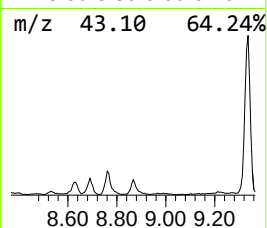
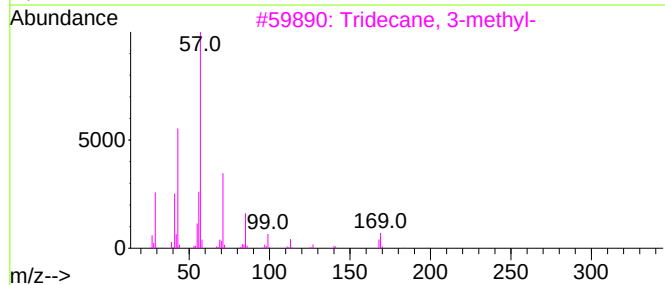
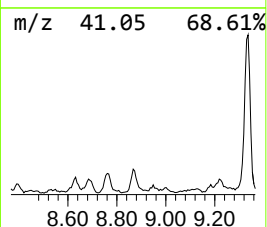
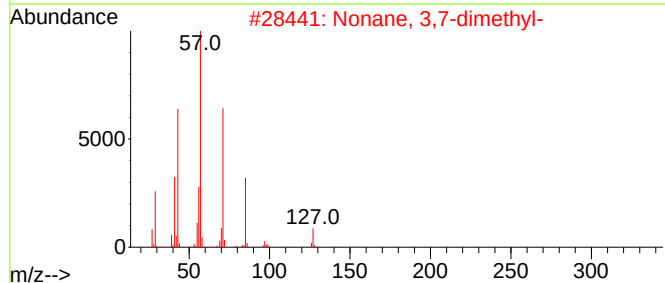
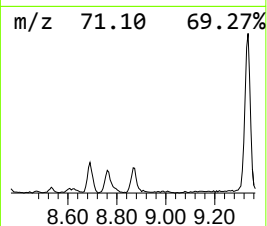
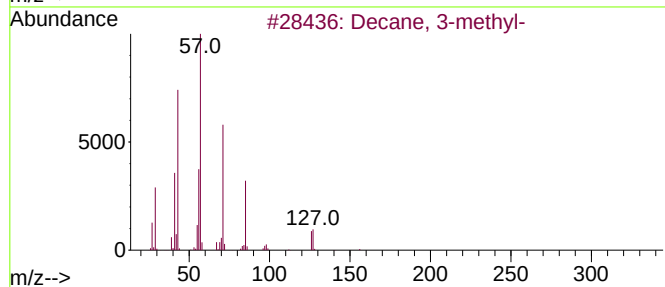
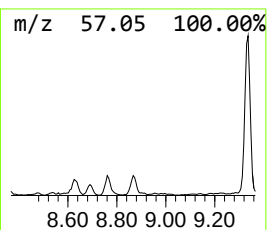
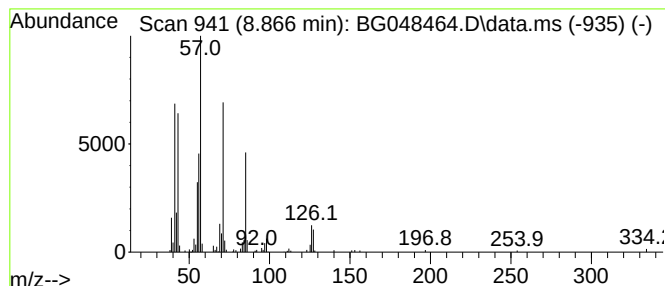
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.866	7.36 ng	208411	1,4-Dichlorobenzene-d4	8.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	91
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
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ClientSampleId :
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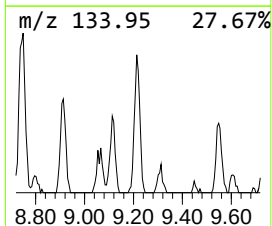
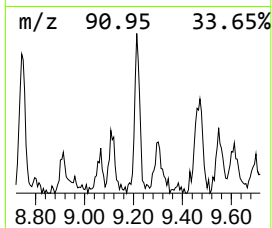
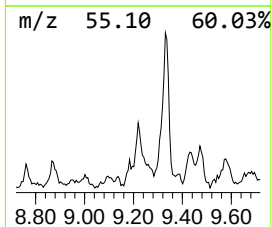
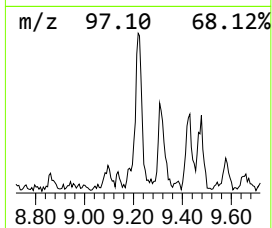
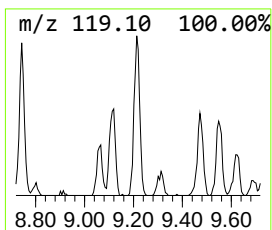
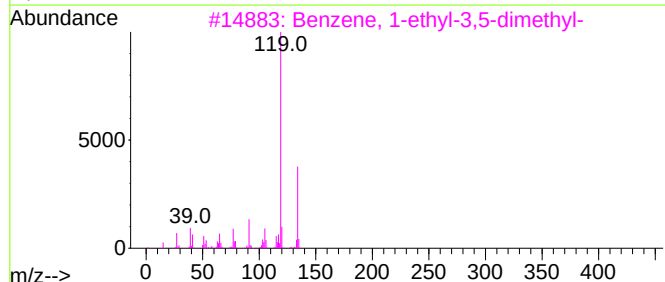
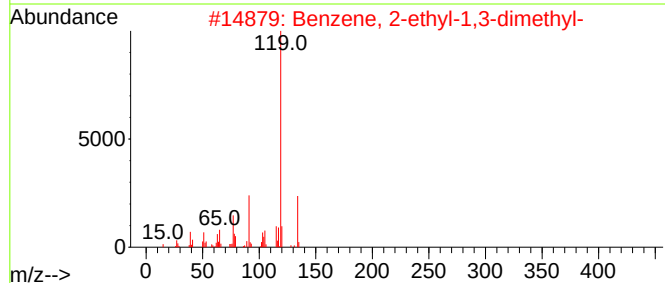
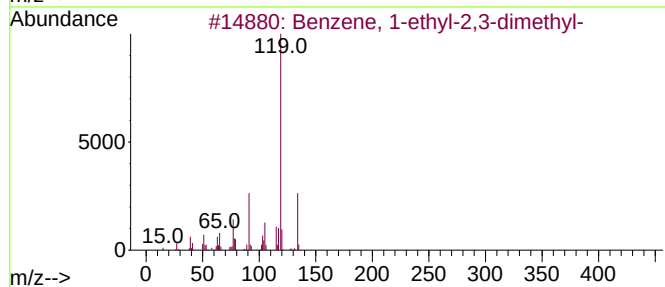
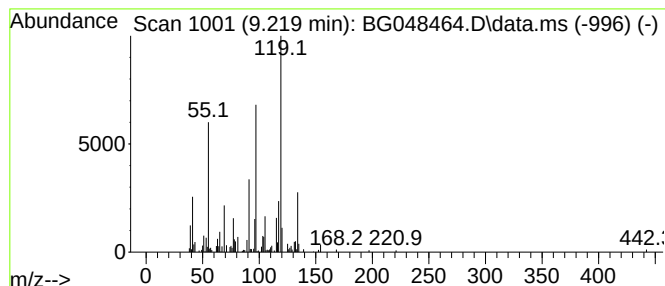
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.219	11.03 ng	312494	1,4-Dichlorobenzene-d4	8.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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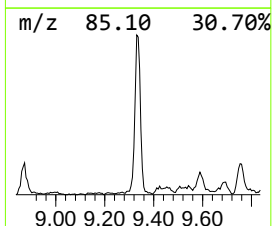
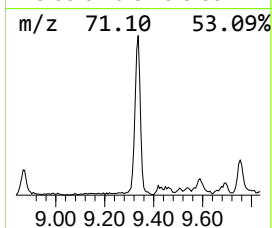
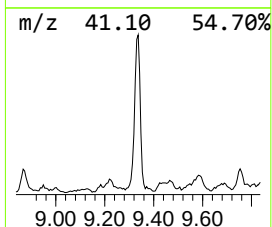
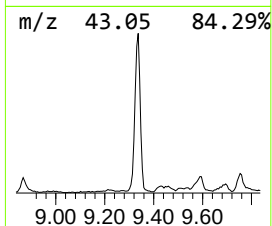
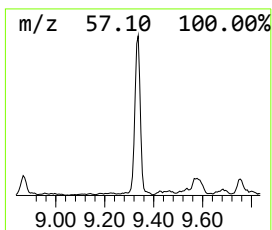
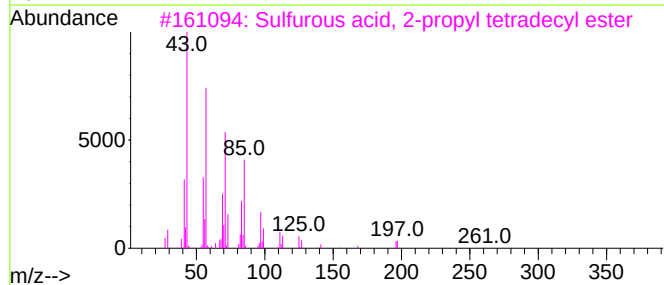
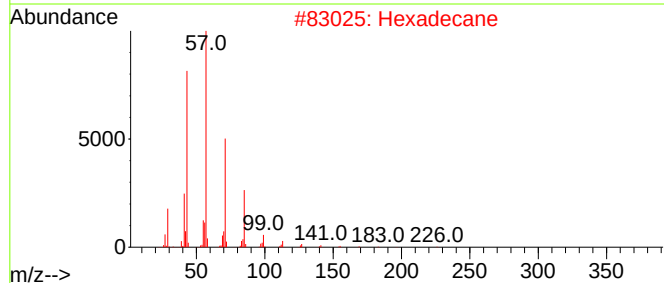
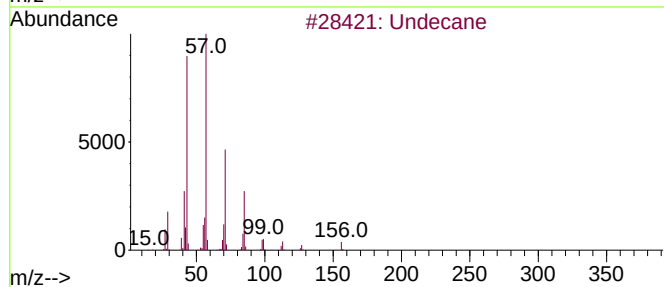
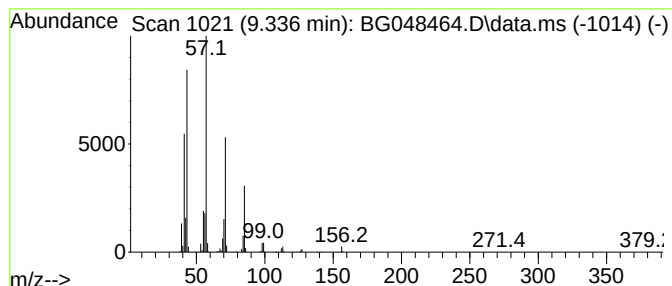
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.336	50.06 ng	1418500	1,4-Dichlorobenzene-d4	8.103

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Hexadecane			226	C16H34	000544-76-3	78
3	Sulfurous acid, 2-propyl tetradec...			320	C17H36O3S	1000309-12-5	78
4	Tetradecane, 1-iodo-			324	C14H29I	019218-94-1	72
5	Decane, 2,3,7-trimethyl-			184	C13H28	062238-13-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
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Misc :
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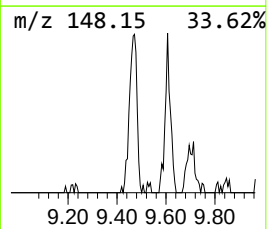
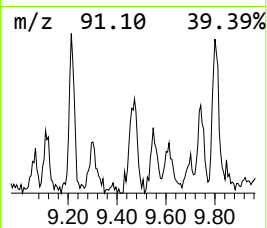
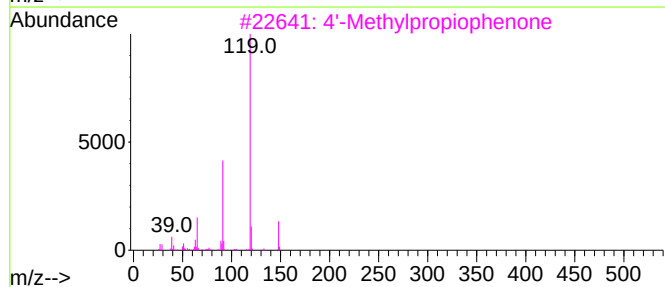
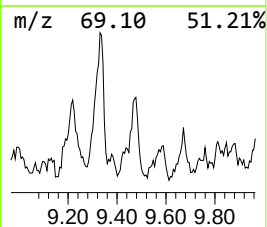
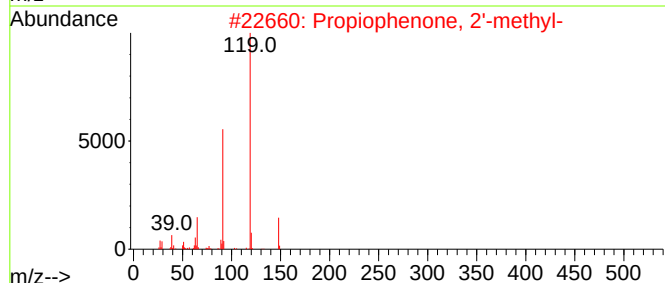
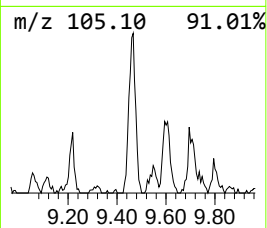
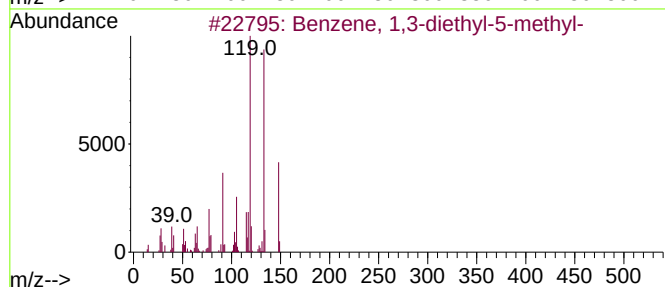
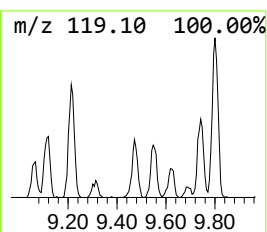
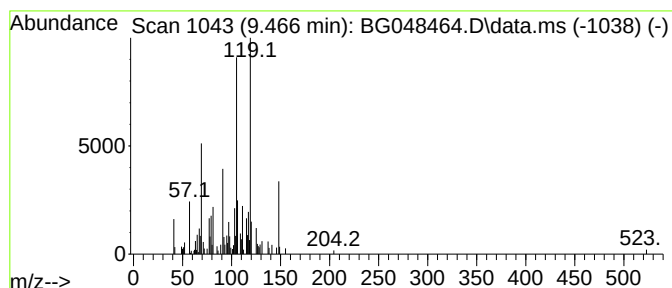
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.466	10.55 ng	298895	1,4-Dichlorobenzene-d4			8.103
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-		148	C11H16	002050-24-0	55
2	Propiophenone, 2'-methyl-		148	C10H12O	002040-14-4	43
3	4'-Methylpropiophenone		148	C10H12O	005337-93-9	38
4	o-Toluic acid, 2-ethylcyclohexyl...		246	C16H22O2	1000293-34-8	38
5	7-Methoxymethyl-2,7-dimethylcycl...		164	C11H16O	073992-48-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
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Sample : M1756-01 2X
Misc :
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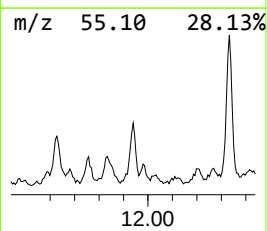
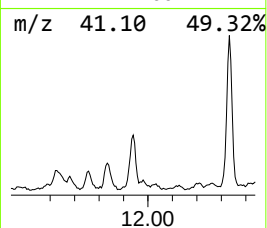
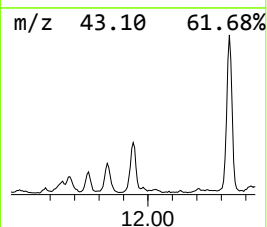
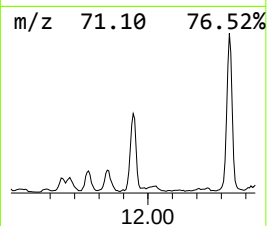
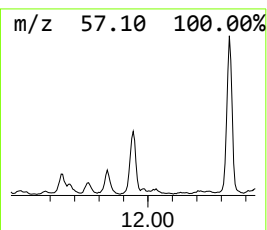
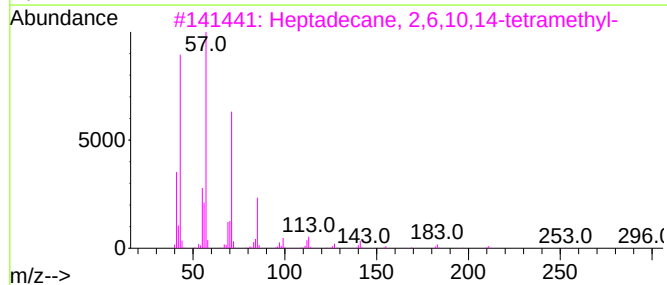
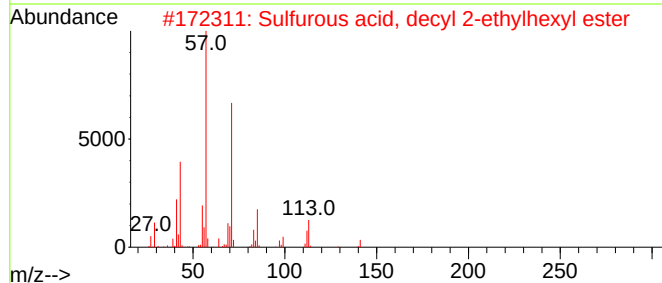
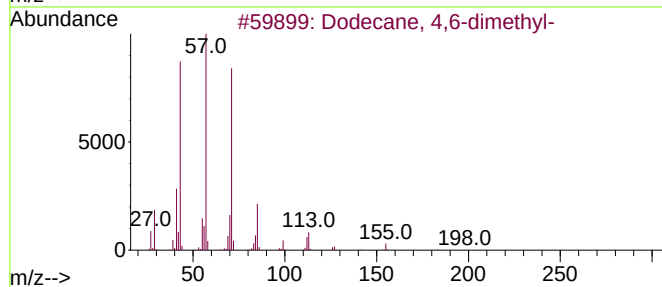
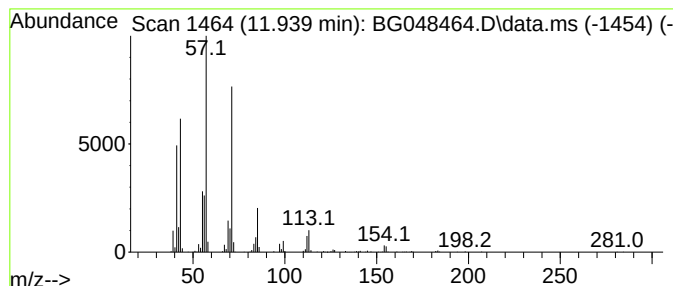
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.939	8.63 ng	1037160	Naphthalene-d8	10.929	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	86
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
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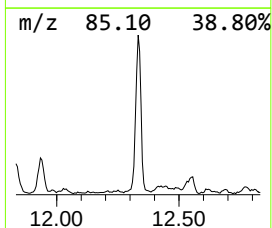
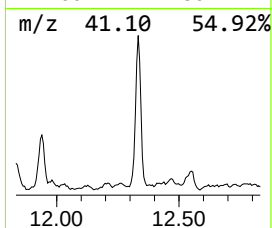
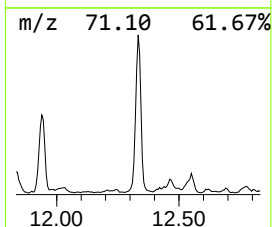
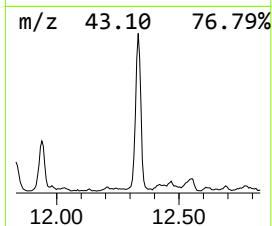
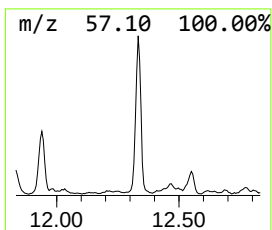
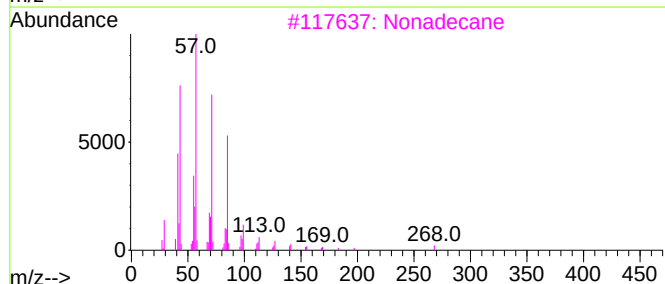
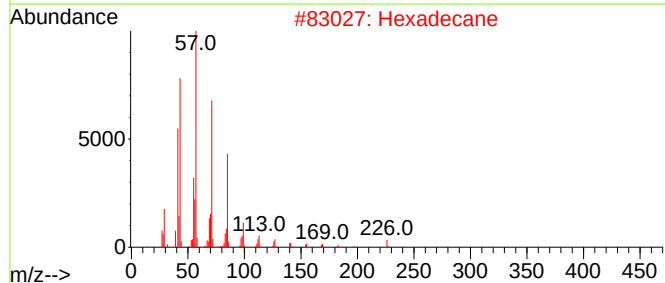
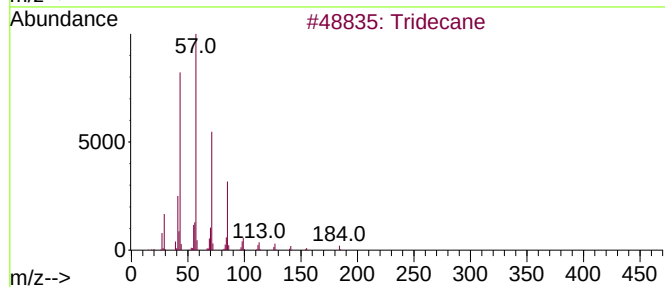
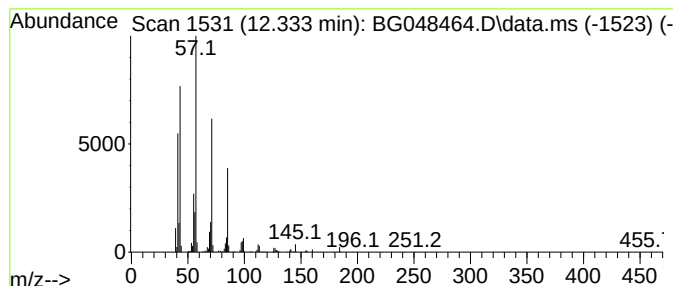
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	21.14 ng	2541040	Naphthalene-d8	10.929

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Tetradecane	198	C14H30	000629-59-4	86
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-031921

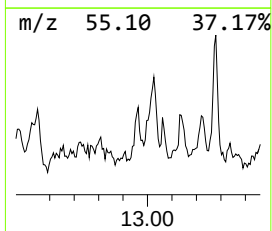
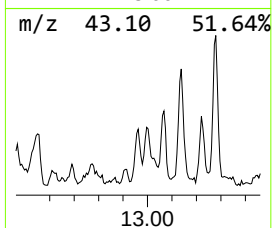
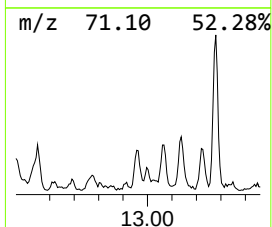
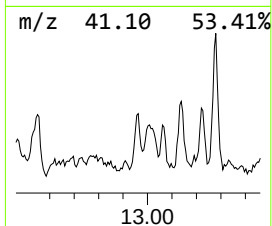
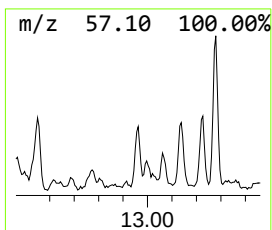
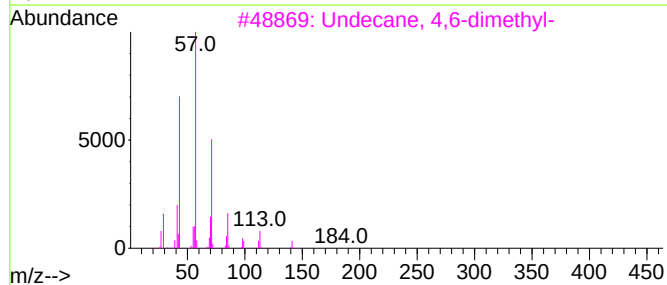
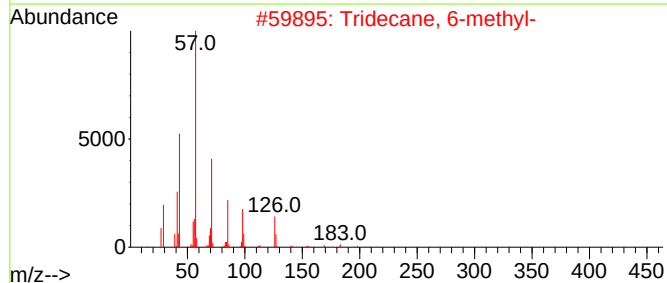
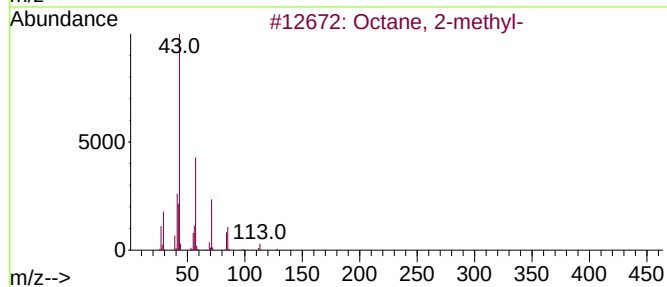
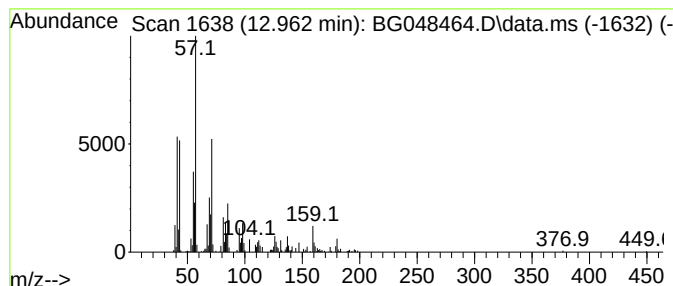
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.962	8.54 ng	372759	Acenaphthene-d10	14.748

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	53
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	52
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50
4		Dodecane	170	C12H26	000112-40-3	50
5		tert-Nonyl mercaptan	160	C9H20S	025360-10-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-03-031921

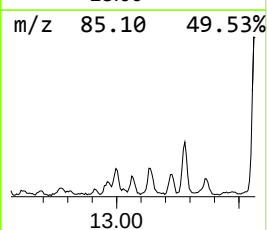
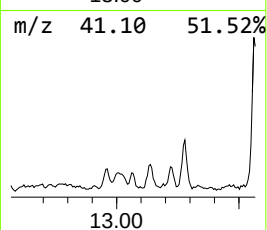
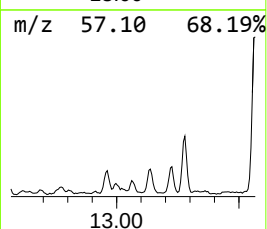
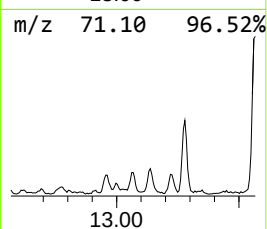
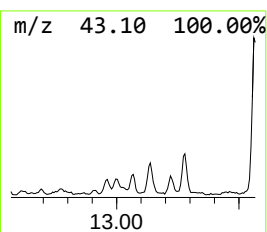
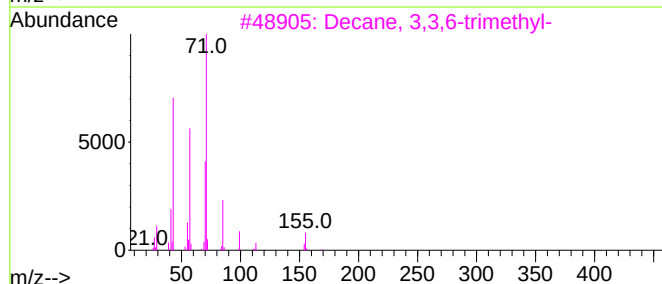
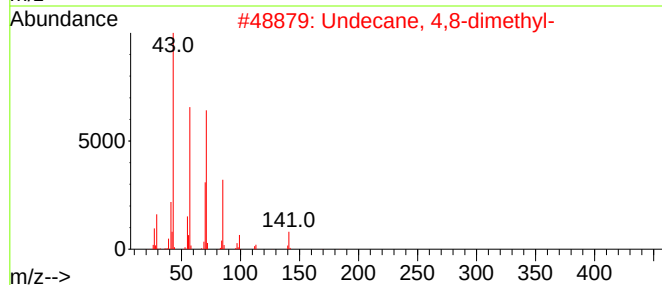
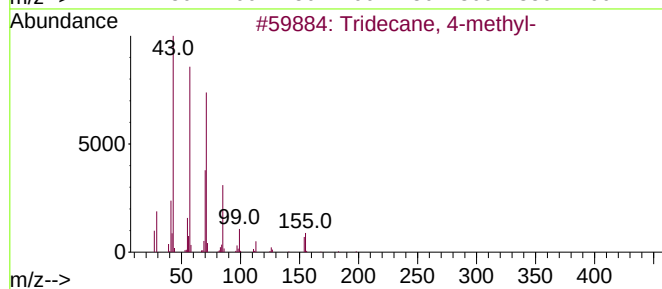
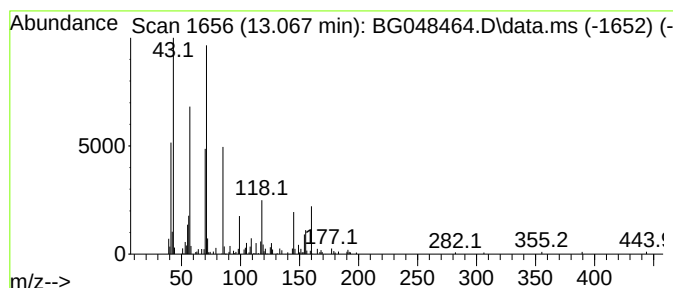
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.067	6.92 ng	301996	Acenaphthene-d10	14.748

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
2		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
3		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	50
4		Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	50
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
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Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-031921

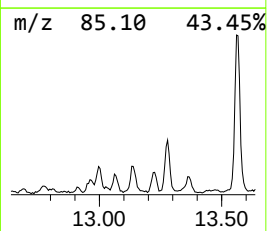
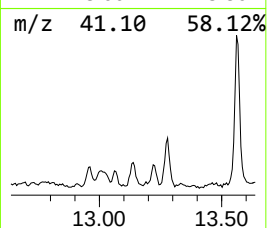
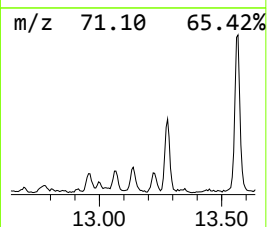
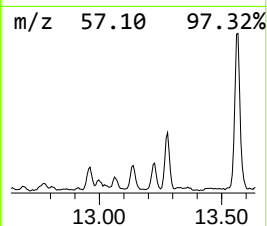
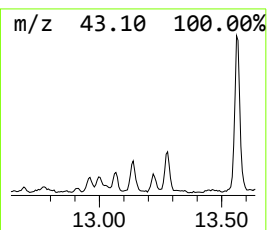
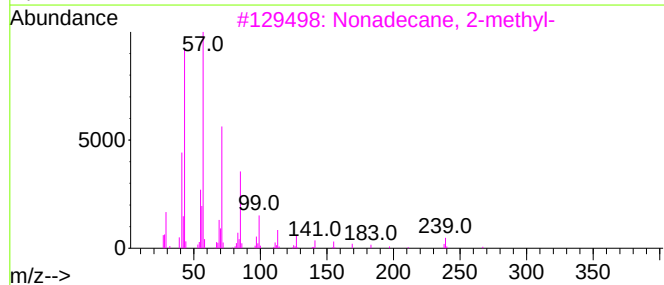
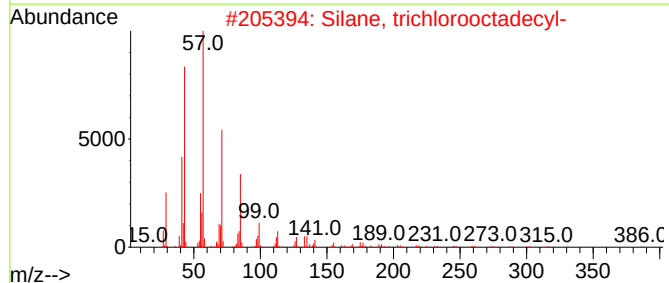
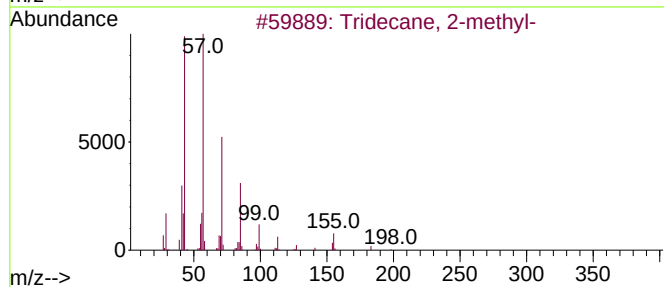
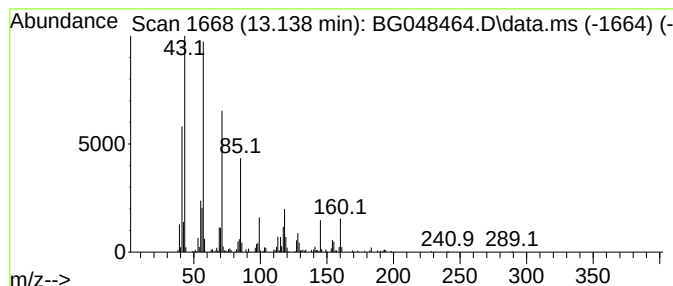
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tridecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.138	9.68 ng	422230	Acenaphthene-d10	14.748

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
3		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	58
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	58
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

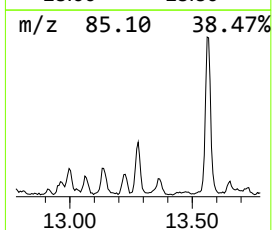
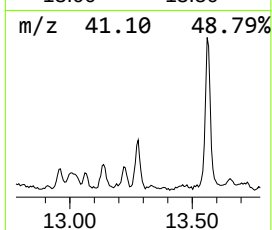
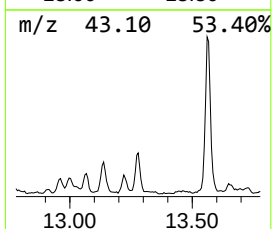
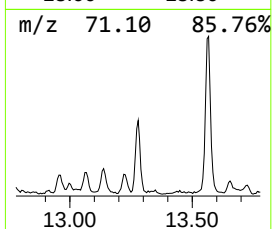
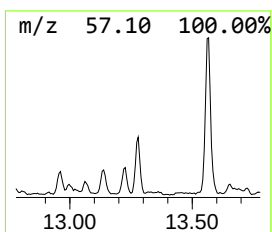
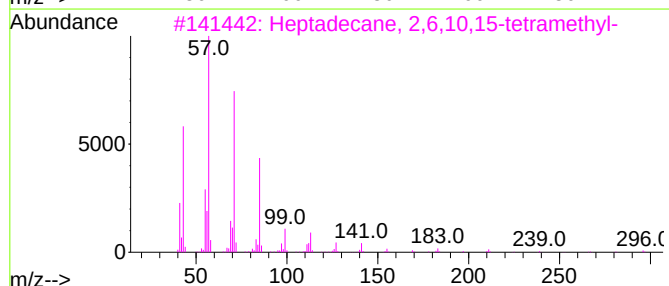
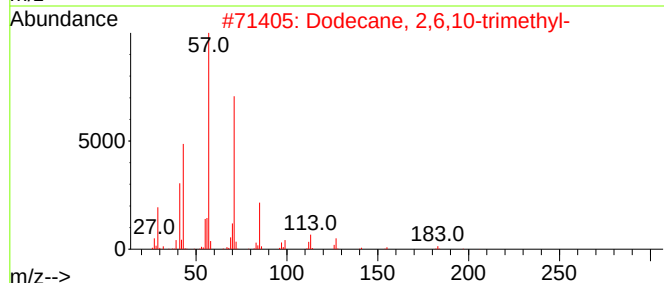
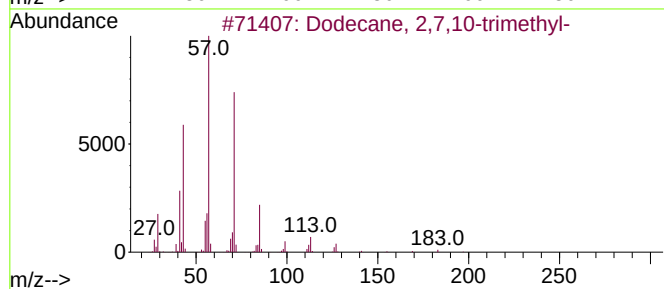
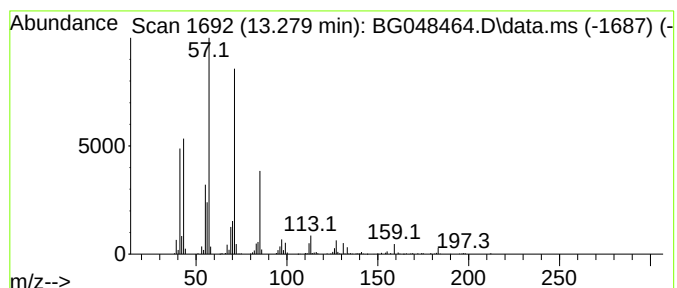
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.279	18.35 ng	800610	Acenaphthene-d10	14.748	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
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Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

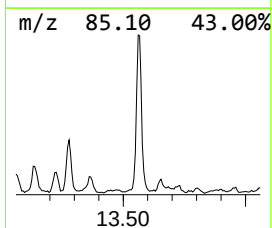
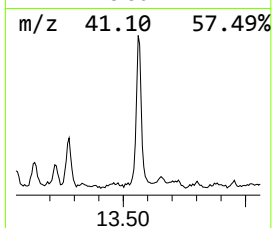
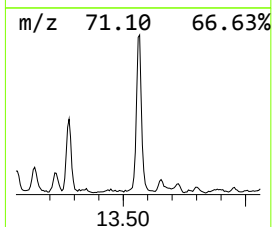
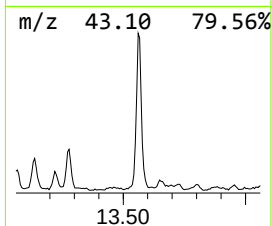
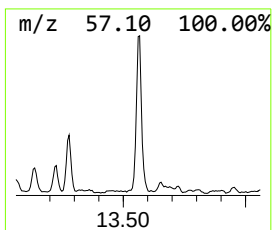
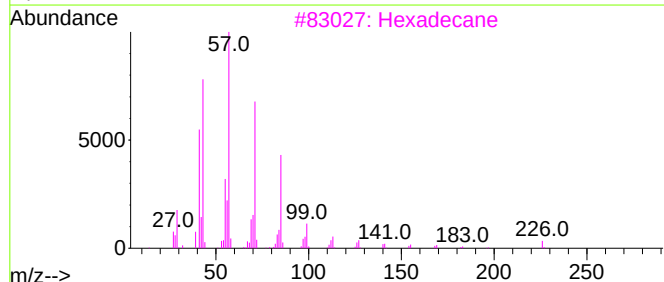
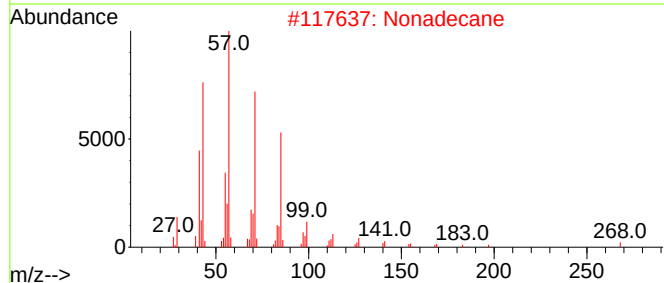
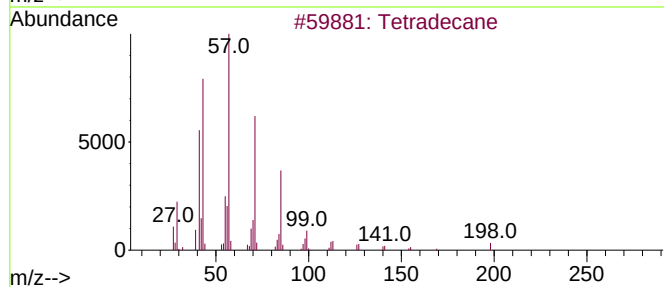
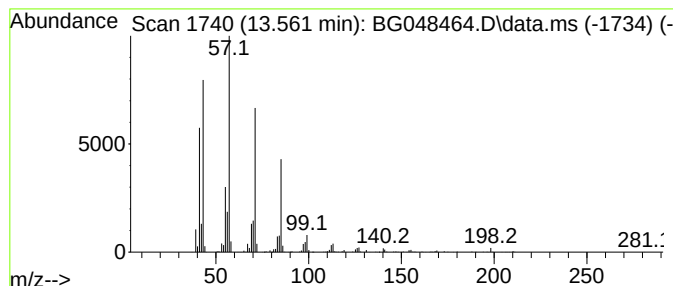
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.561	46.96 ng	2049020	Acenaphthene-d10		14.748	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	97
2	Nonadecane		268	C19H40	000629-92-5	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tridecane		184	C13H28	000629-50-5	86
5	4,4-Dipropylheptane		184	C13H28	017312-72-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-03-031921

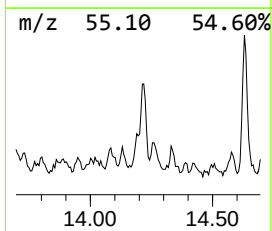
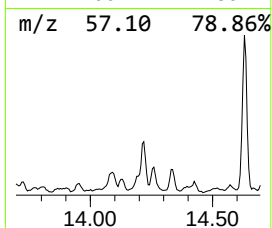
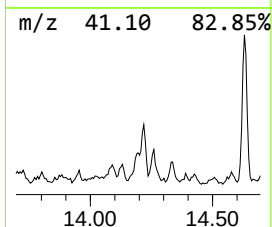
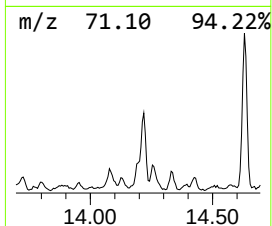
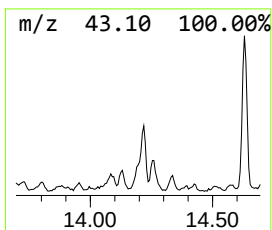
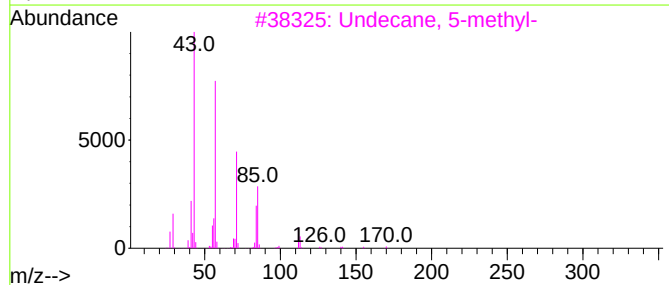
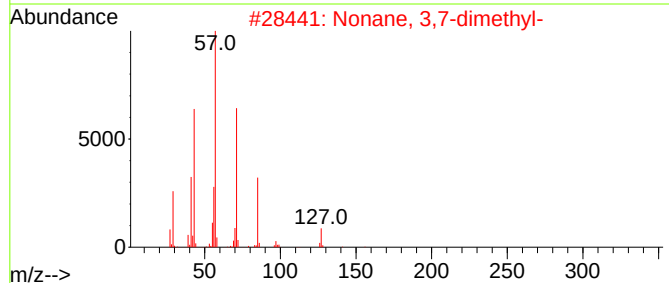
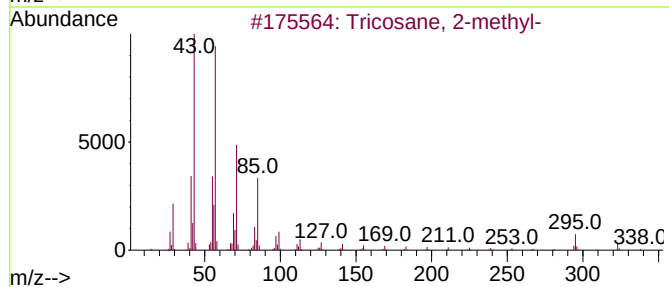
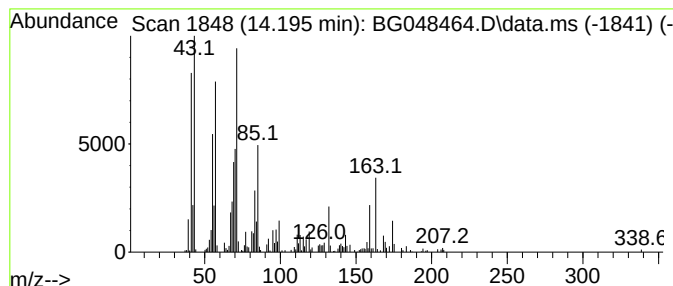
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown14.195 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.195	7.98 ng	348186	Acenaphthene-d10	14.748

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane, 2-methyl-	338	C24H50	001928-30-9	46
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	43
4			Hexadecane	226	C16H34	000544-76-3	43
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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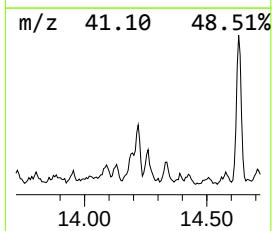
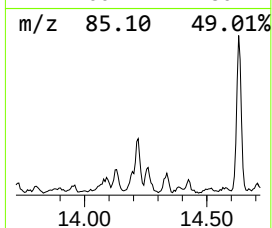
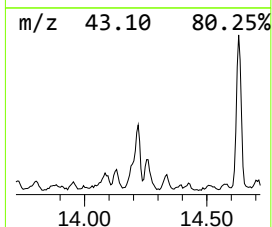
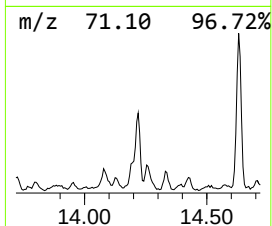
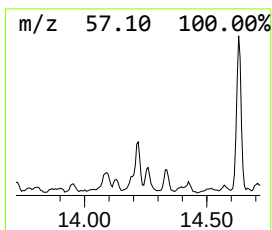
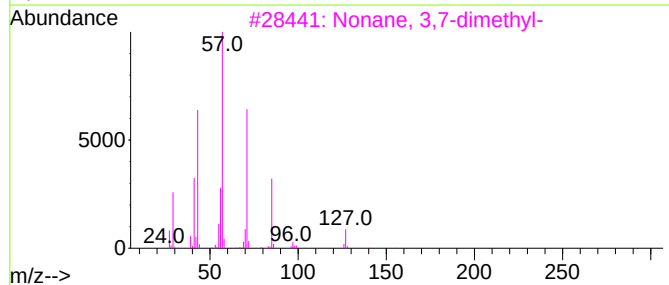
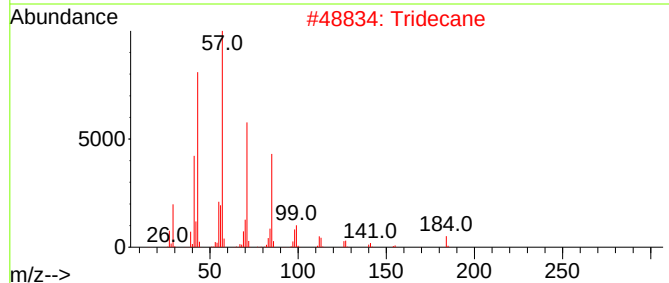
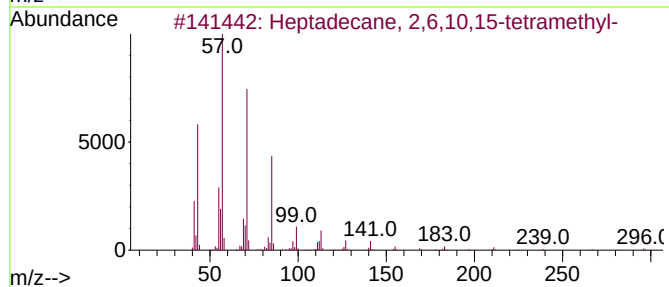
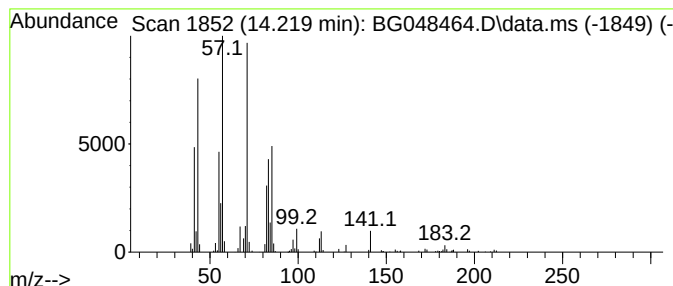
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.219	12.51 ng	545821	Acenaphthene-d10	14.748

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
2		Tridecane	184	C13H28	000629-50-5	55
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	49
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	49
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

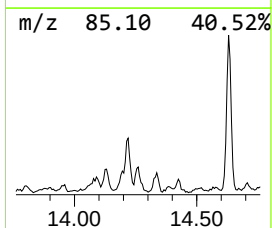
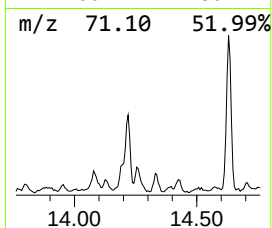
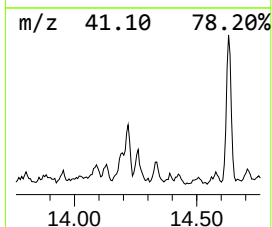
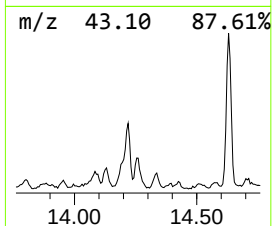
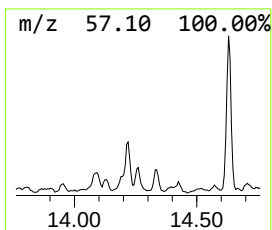
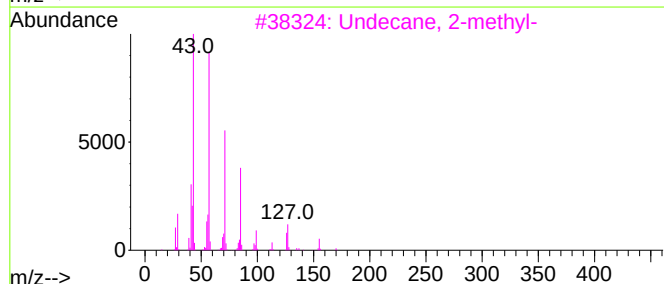
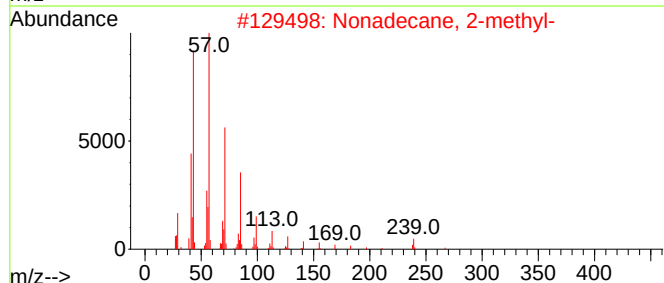
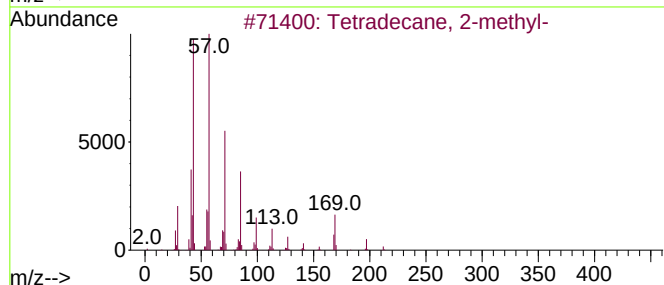
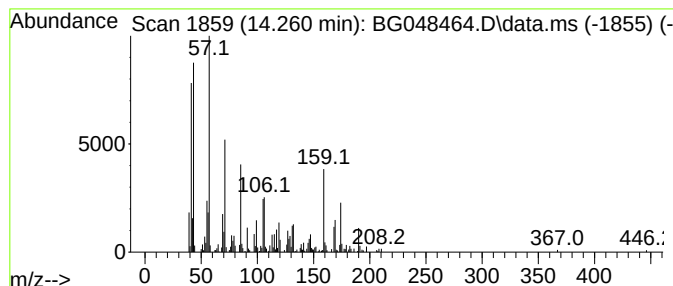
Instrument :
BNA_G
ClientSampleId :
HR-03-031921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown14.260 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.260	8.97 ng	391397	Acenaphthene-d10		14.748	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-		212	C15H32	001560-95-8	38
2	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	38
3	Undecane, 2-methyl-		170	C12H26	007045-71-8	30
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	30
5	Octadecane, 2-methyl-		268	C19H40	001560-88-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

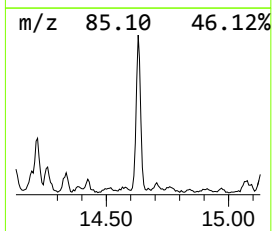
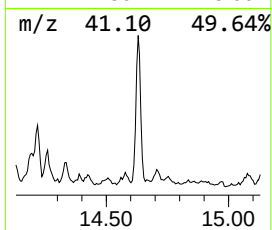
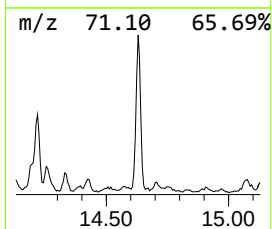
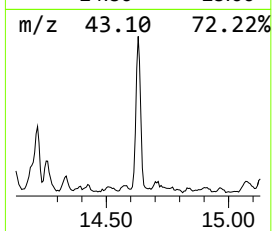
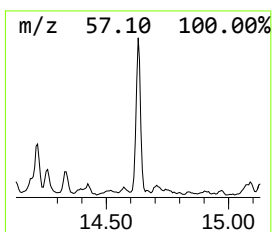
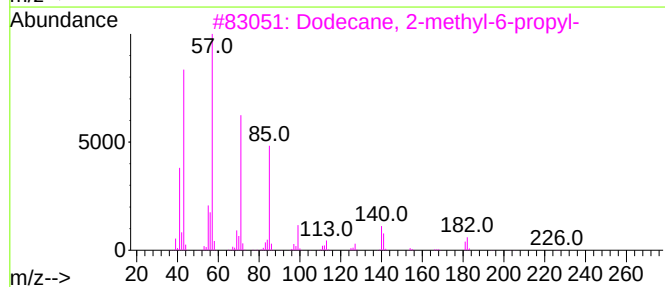
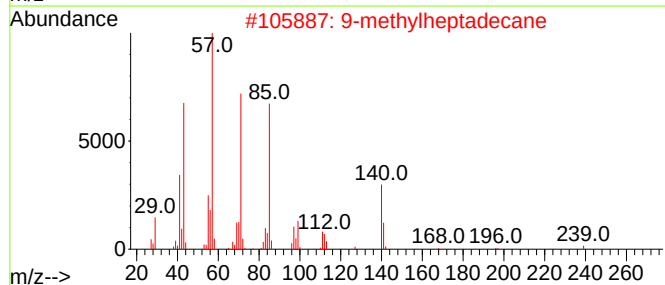
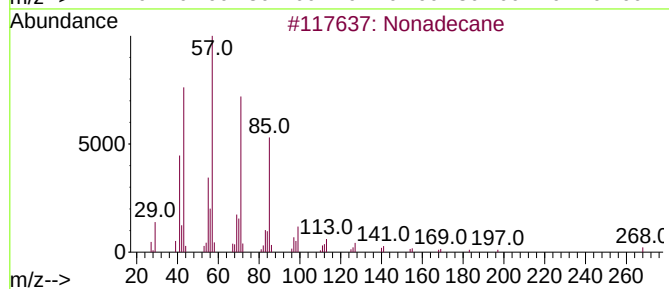
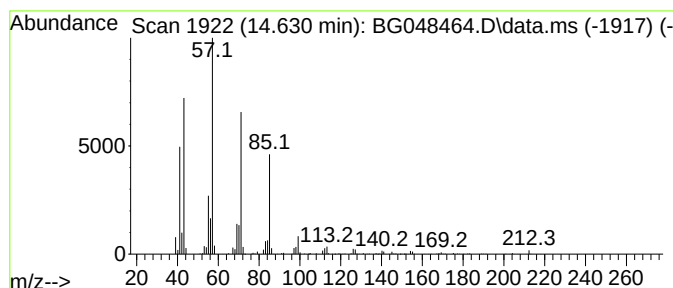
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ClientSampleId :
HR-03-031921

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.630	27.56 ng	1202750	Acenaphthene-d10		14.748	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	90
2	9-methylheptadecane		254	C18H38	026741-18-4	83
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	78
4	Hexadecane		226	C16H34	000544-76-3	72
5	Octane, 3,4,5,6-tetramethyl-		170	C12H26	062185-21-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

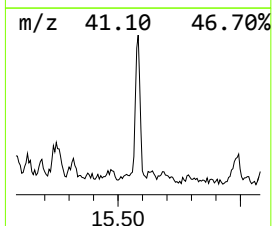
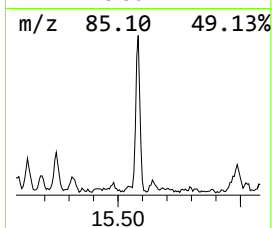
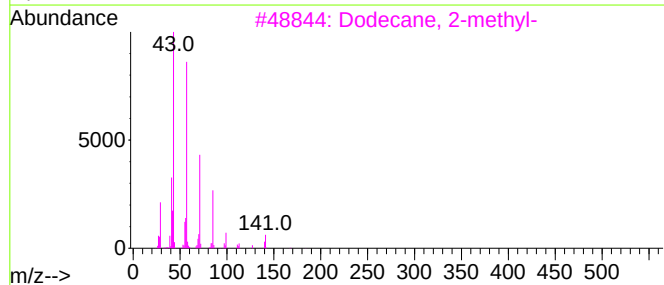
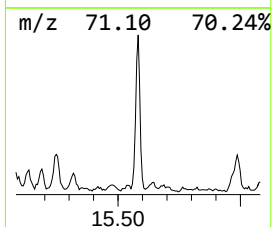
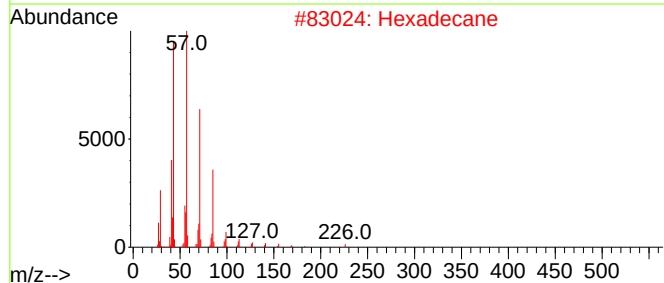
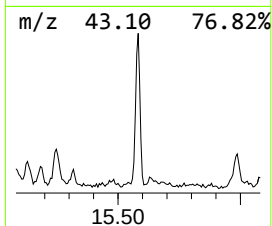
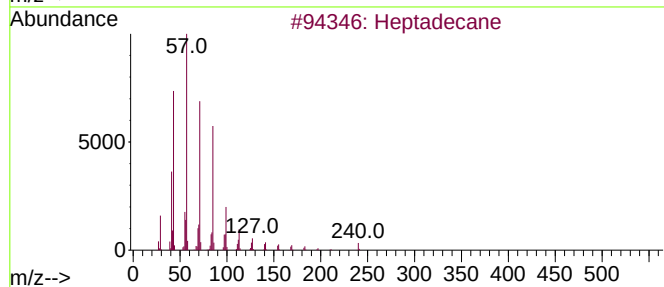
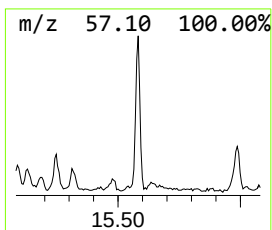
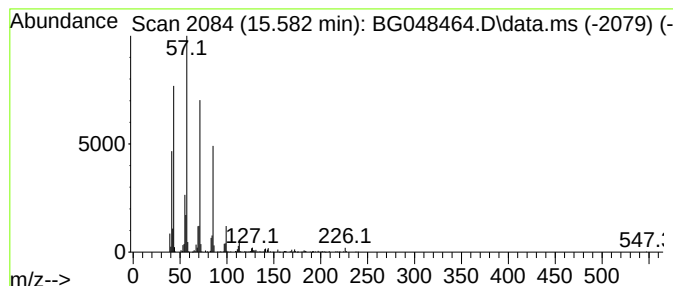
Instrument :
BNA_G
ClientSampleId :
HR-03-031921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.582	14.36 ng	626517	Acenaphthene-d10		14.748	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Hexadecane		226	C16H34	000544-76-3	94
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	86
4	Dodecane, 4-methyl-		184	C13H28	006117-97-1	86
5	10-Methylnonadecane		282	C20H42	056862-62-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048464.D
Acq On : 23 Mar 2021 5:21
Operator : CG/JU
Sample : M1756-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-03-031921

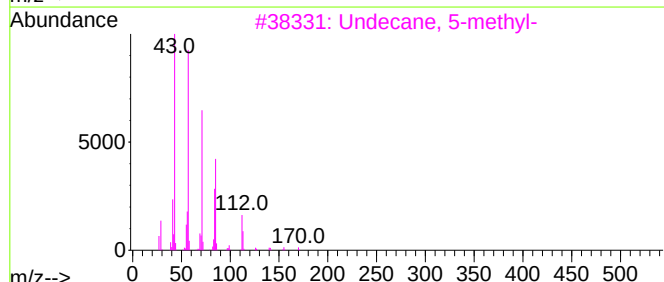
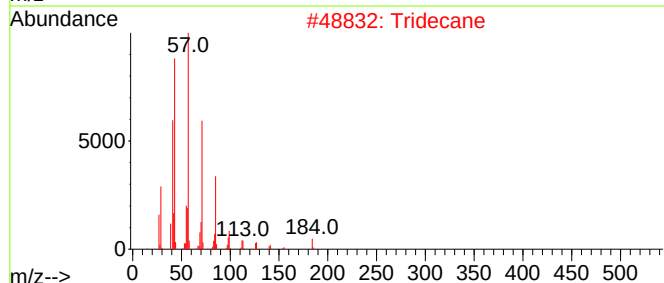
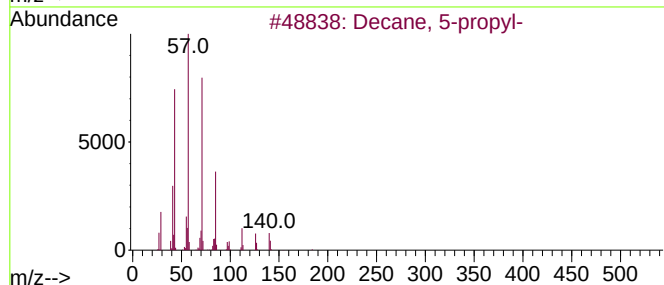
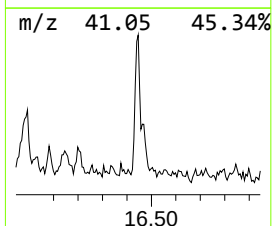
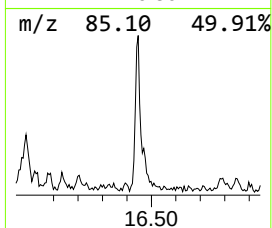
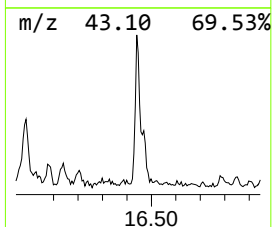
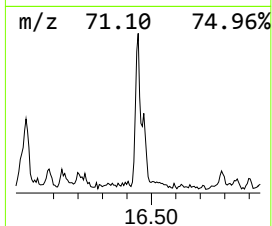
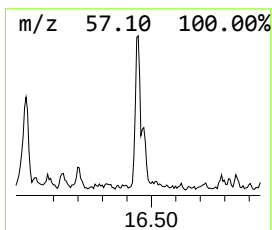
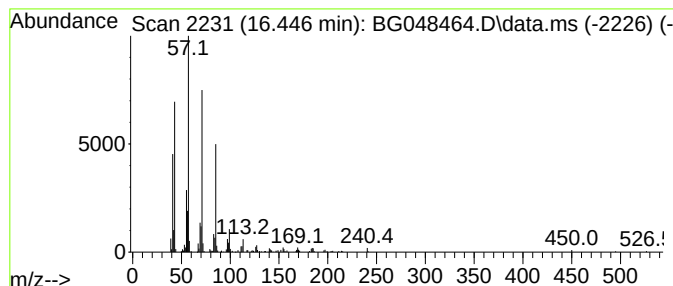
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Decane, 5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.446	6.81 ng	331718	Phenanthrene-d10	17.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 5-propyl-	184	C13H28	017312-62-8	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	87
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048464.D
 Acq On : 23 Mar 2021 5:21
 Operator : CG/JU
 Sample : M1756-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 HR-03-031921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	7.721	9.9	ng	279475	1	8.103	566709	20.0
Decane, 5-methyl-	8.631	9.2	ng	260534	1	8.103	566709	20.0
Decane, 2-methyl-	8.761	11.0	ng	311341	1	8.103	566709	20.0
Decane, 3-methyl-	8.866	7.4	ng	208411	1	8.103	566709	20.0
Benzene, 1-ethy...	9.219	11.0	ng	312494	1	8.103	566709	20.0
Undecane	9.336	50.1	ng	1418500	1	8.103	566709	20.0
Benzene, 1,3-di...	9.466	10.6	ng	298895	1	8.103	566709	20.0
Dodecane, 4,6-d...	11.939	8.6	ng	1037160	2	10.929	2404410	20.0
Tridecane	12.333	21.1	ng	2541040	2	10.929	2404410	20.0
Octane, 2-methyl-	12.962	8.5	ng	372759	3	14.748	872719	20.0
Tridecane, 4-me...	13.067	6.9	ng	301996	3	14.748	872719	20.0
Tridecane, 2-me...	13.138	9.7	ng	422230	3	14.748	872719	20.0
Dodecane, 2,7,1...	13.279	18.4	ng	800610	3	14.748	872719	20.0
Tetradecane	13.561	47.0	ng	2049020	3	14.748	872719	20.0
unknown14.195	14.195	8.0	ng	348186	3	14.748	872719	20.0
Heptadecane, 2,...	14.219	12.5	ng	545821	3	14.748	872719	20.0
unknown14.260	14.260	9.0	ng	391397	3	14.748	872719	20.0
Nonadecane	14.630	27.6	ng	1202750	3	14.748	872719	20.0
Heptadecane	15.582	14.4	ng	626517	3	14.748	872719	20.0
Decane, 5-propyl-	16.446	6.8	ng	331718	4	17.492	974499	20.0