

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016409.D
 Acq On : 27 Jul 2023 20:14
 Operator : MA/JU
 Sample : 03632-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-09-(3-5)

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_P\Methods\8270E-BP072723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016409.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.634	54	59	62	rBV	351750	485648	2.61%	0.350%
2	3.664	62	64	69	rVB2	288937	369251	1.99%	0.266%
3	3.911	100	106	117	rVB	1518781	2229383	11.99%	1.606%
4	4.017	117	124	129	rBV	1930398	2953960	15.88%	2.128%
5	4.058	129	131	141	rVB2	189744	385440	2.07%	0.278%
6	4.158	141	148	156	rBV2	254883	555951	2.99%	0.401%
7	4.270	161	167	173	rBV	814417	1155299	6.21%	0.832%
8	4.728	241	245	250	rVB2	265620	371761	2.00%	0.268%
9	4.928	270	279	282	rBV	144584	231487	1.24%	0.167%
10	5.022	291	295	300	rVB	247492	362927	1.95%	0.261%
11	5.152	313	317	322	rVB2	160256	223439	1.20%	0.161%
12	5.258	330	335	343	rVB6	93483	228345	1.23%	0.165%
13	5.446	362	367	369	rBV2	333459	464423	2.50%	0.335%
14	5.469	369	371	376	rVB	238101	320827	1.72%	0.231%
15	5.546	376	384	386	rBV3	123457	228575	1.23%	0.165%
16	5.605	386	394	399	rBV	6120993	9065463	48.74%	6.531%
17	5.675	399	406	410	rBV	368993	647241	3.48%	0.466%
18	5.775	418	423	427	rBV	558239	792595	4.26%	0.571%
19	5.993	454	460	473	rVB3	513532	1074524	5.78%	0.774%
20	6.193	487	494	503	rBV7	82610	239537	1.29%	0.173%
21	6.275	503	508	517	rBV3	434841	904115	4.86%	0.651%
22	6.399	524	529	534	rVB	147212	217306	1.17%	0.157%
23	6.487	538	544	548	rBV3	144107	298512	1.60%	0.215%
24	6.569	555	558	563	rVB	227355	294219	1.58%	0.212%
25	6.669	569	575	585	rVB4	218473	457291	2.46%	0.329%
26	7.005	627	632	640	rBV2	2273277	3659195	19.67%	2.636%
27	7.069	640	643	647	rVB	228888	301556	1.62%	0.217%
28	7.181	656	662	664	rBV	444737	656286	3.53%	0.473%
29	7.228	664	670	683	rVB	6012071	10313071	55.45%	7.430%
30	7.358	683	692	701	rBV	342075	668823	3.60%	0.482%
31	7.552	716	725	732	rBV4	373802	991614	5.33%	0.714%
32	7.669	738	745	750	rVB2	293034	474684	2.55%	0.342%
33	7.934	783	790	793	rVB6	115695	314638	1.69%	0.227%
34	8.005	797	802	810	rVB	561586	871228	4.68%	0.628%
35	8.093	810	817	823	rBV	1713170	2765404	14.87%	1.992%
36	8.152	823	827	831	rBV	133063	194773	1.05%	0.140%

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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

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.258	840	845	855	rVB	754347	1271522	6.84%	0.916%
38	8.458	872	879	883	rBV	370068	633432	3.41%	0.456%
39	8.563	891	897	902	rBV2	774212	1358125	7.30%	0.978%
40	8.710	912	922	928	rBV2	637653	1320095	7.10%	0.951%

41	8.805	934	938	946	rVB	143727	245705	1.32%	0.177%
42	8.875	946	950	953	rVV	125565	202123	1.09%	0.146%
43	8.910	953	956	960	rVV	268106	420540	2.26%	0.303%
44	9.181	995	1002	1011	rBV2	690546	1306880	7.03%	0.942%
45	9.287	1011	1020	1027	rVB	3761595	6529234	35.10%	4.704%

46	9.422	1036	1043	1048	rBV5	106689	219714	1.18%	0.158%
47	9.610	1070	1075	1081	rVB	114318	206842	1.11%	0.149%
48	9.710	1081	1092	1098	rVB	420868	762499	4.10%	0.549%
49	9.969	1131	1136	1147	rVB4	144891	323921	1.74%	0.233%
50	10.087	1147	1156	1160	rBV6	126068	316863	1.70%	0.228%

51	10.146	1160	1166	1176	rVV2	463716	1072418	5.77%	0.773%
52	10.240	1177	1182	1185	rVV	271734	424283	2.28%	0.306%
53	10.293	1185	1191	1199	rVV2	768713	1655595	8.90%	1.193%
54	10.357	1199	1202	1209	rVB4	134313	279004	1.50%	0.201%
55	10.469	1216	1221	1228	rVB2	153148	273598	1.47%	0.197%

56	10.587	1237	1241	1248	rVB	214284	352626	1.90%	0.254%
57	10.816	1276	1280	1283	rBV2	123615	200054	1.08%	0.144%
58	10.875	1283	1290	1293	rVV2	348140	699081	3.76%	0.504%
59	10.922	1293	1298	1304	rVV	2262921	4021861	21.62%	2.898%
60	10.975	1304	1307	1310	rVV	550458	859228	4.62%	0.619%

61	11.010	1310	1313	1320	rVB	372338	579505	3.12%	0.418%
62	11.104	1320	1329	1333	rBV2	142375	297261	1.60%	0.214%
63	11.563	1402	1407	1414	rBV2	169528	390328	2.10%	0.281%
64	11.669	1420	1425	1433	rBV5	86709	204257	1.10%	0.147%
65	11.816	1446	1450	1455	rVV2	214376	326562	1.76%	0.235%

66	12.099	1493	1498	1503	rBV4	125612	230123	1.24%	0.166%
67	12.281	1523	1529	1540	rBV4	108780	318819	1.71%	0.230%
68	12.569	1573	1578	1585	rVB	537278	861524	4.63%	0.621%
69	12.787	1611	1615	1623	rVB	215890	328209	1.76%	0.236%
70	13.363	1705	1713	1720	rVB	8925301	13280222	71.40%	9.568%

71	13.593	1744	1752	1759	rBV	205521	331526	1.78%	0.239%
72	14.734	1936	1946	1954	rBV	3238826	4675196	25.14%	3.368%
73	16.222	2188	2199	2217	rBV	6358595	9388020	50.47%	6.764%
74	17.498	2409	2416	2423	rBV	3996909	5547139	29.82%	3.997%
75	18.334	2551	2558	2566	rBV	266436	412267	2.22%	0.297%

76	19.257	2712	2715	2723	rVB2	221746	259004	1.39%	0.187%
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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.039	2842	2848	2856	rBV	15289221	18600248	100.00%	13.401%
78	21.251	3050	3054	3063	rBV	495240	787362	4.23%	0.567%
79	21.586	3105	3111	3118	rBV	4254322	5699634	30.64%	4.106%
80	24.180	3544	3552	3566	rVB	2615326	5556874	29.88%	4.004%

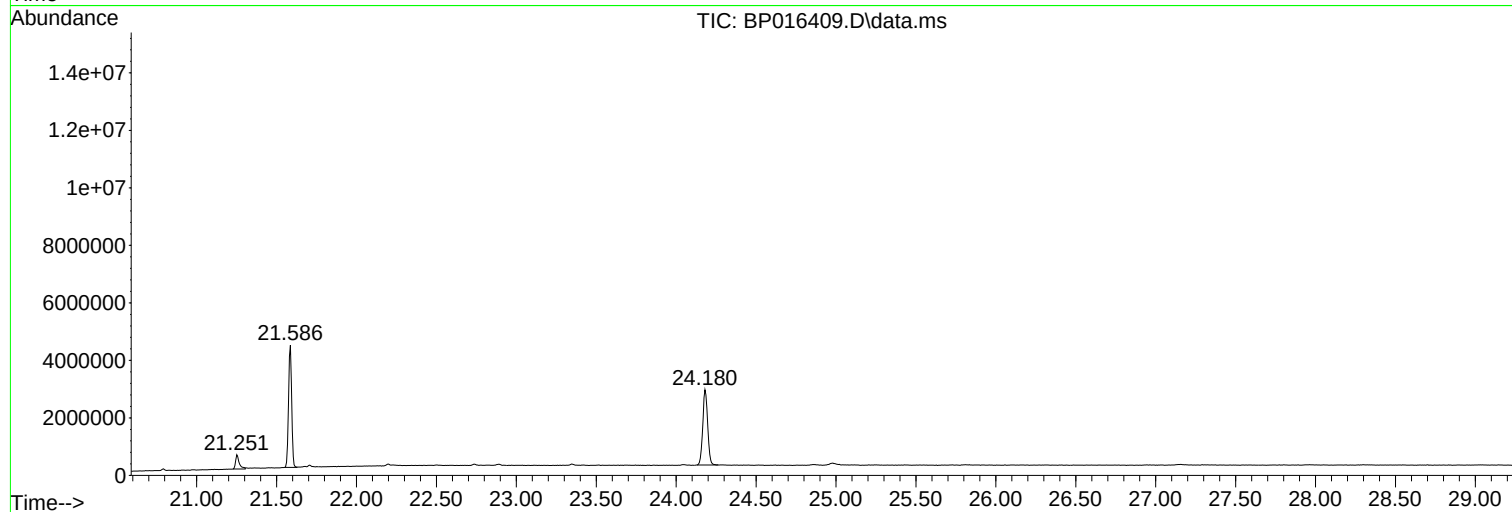
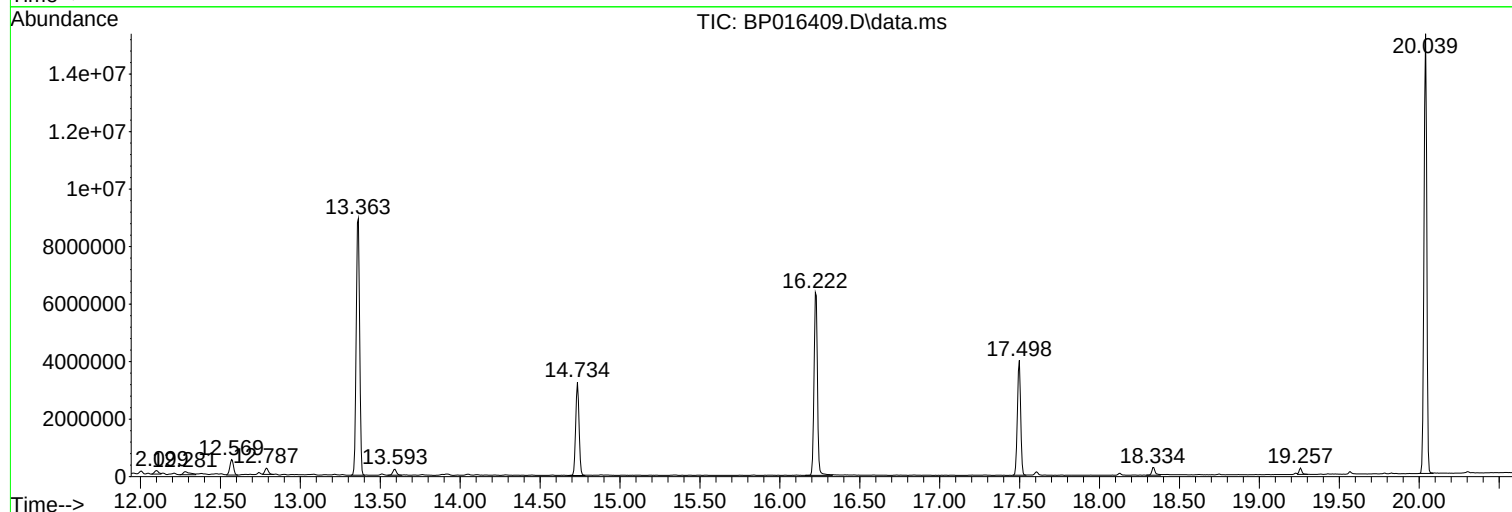
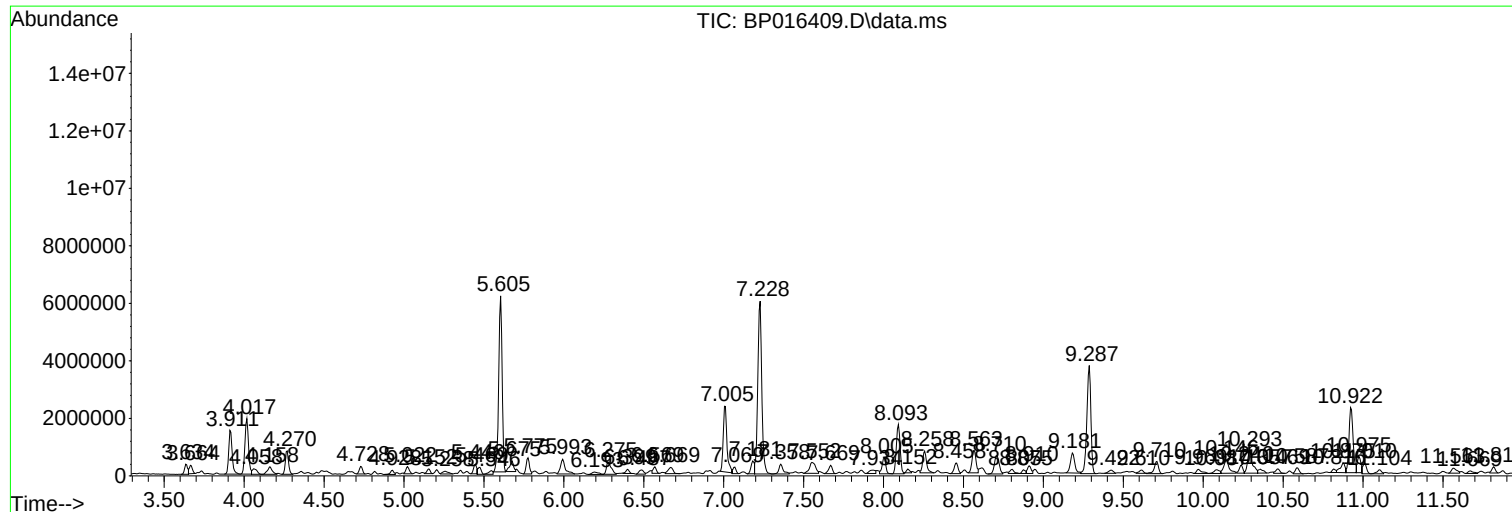
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Instrument :
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SB-09-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
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Instrument :
BNA_P
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SB-09-(3-5)

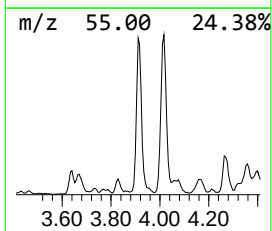
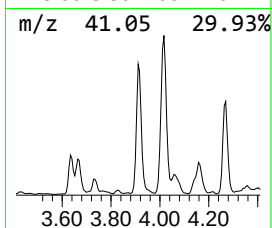
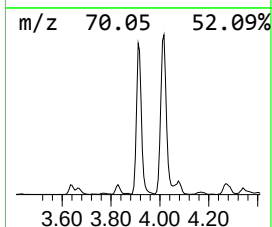
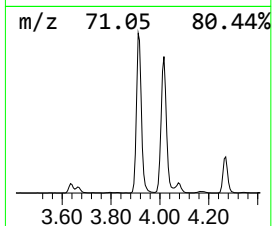
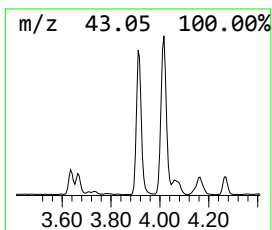
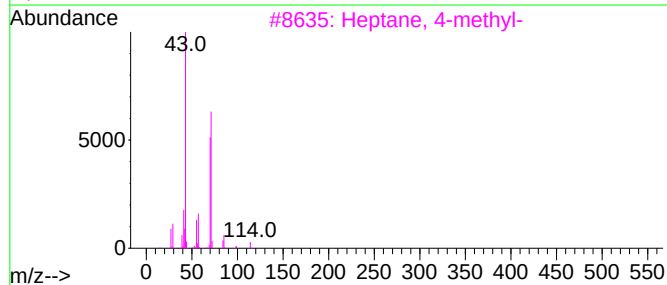
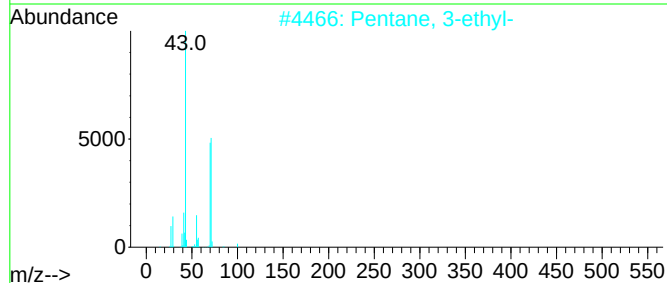
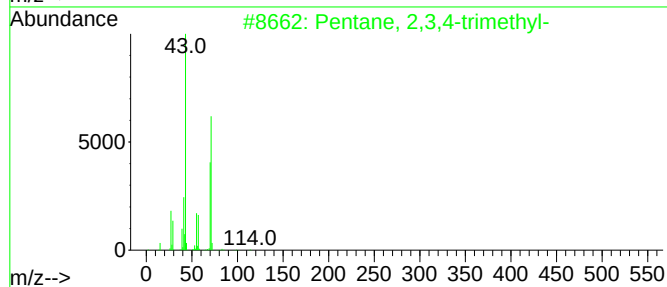
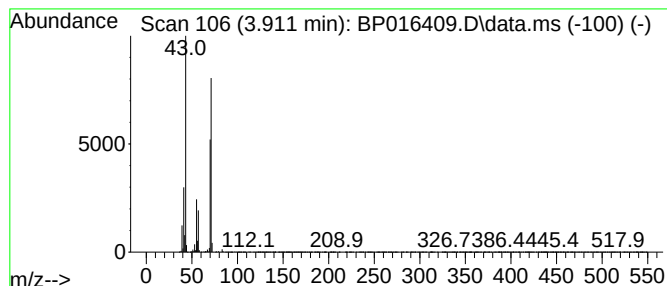
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.911	16.12 ng	2229380	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64



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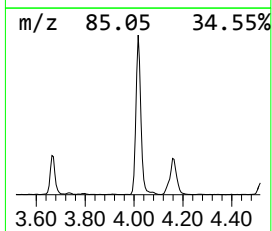
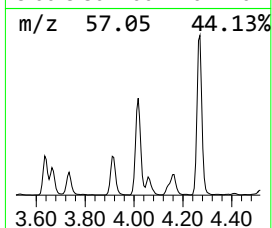
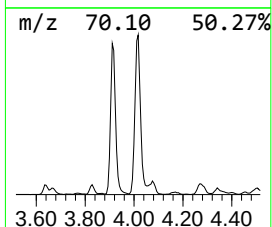
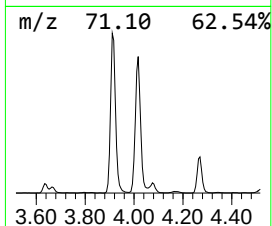
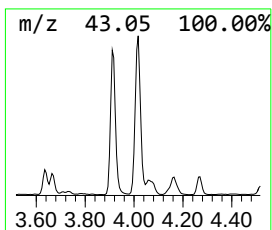
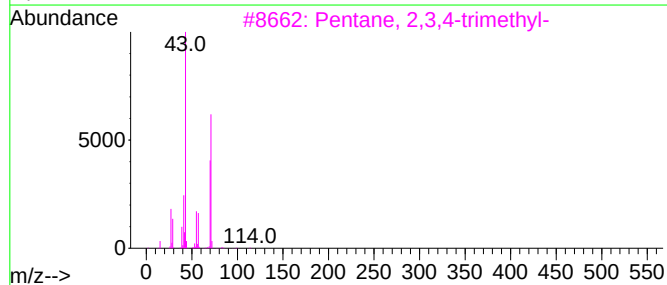
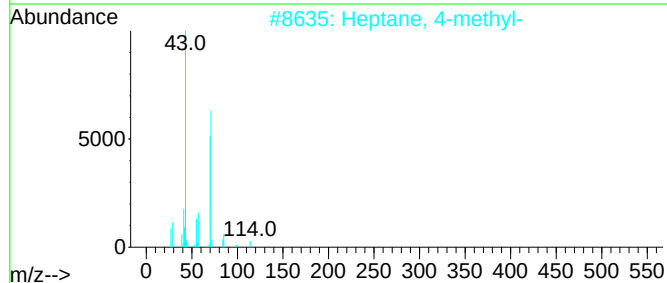
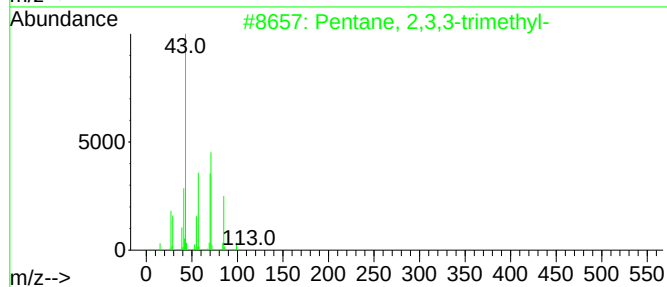
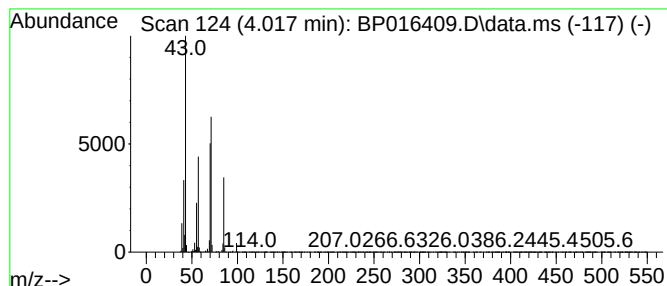
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.017	21.36 ng	2953960	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	50



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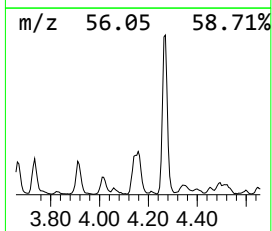
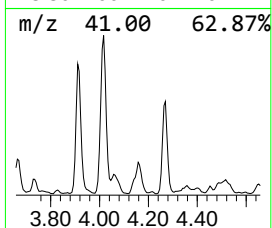
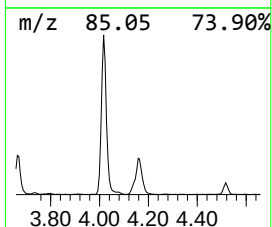
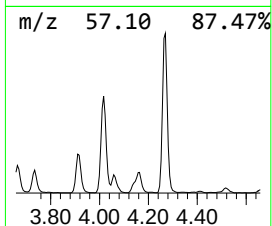
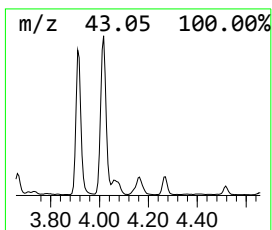
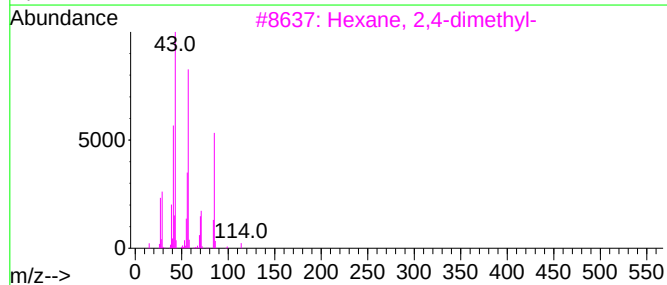
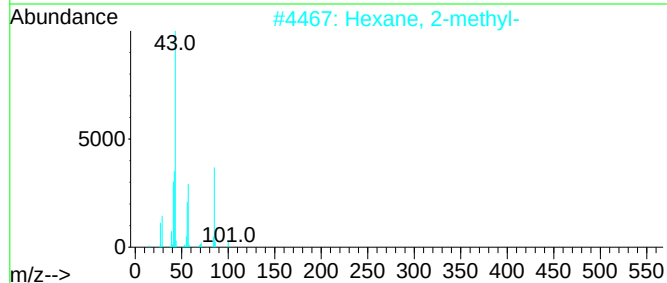
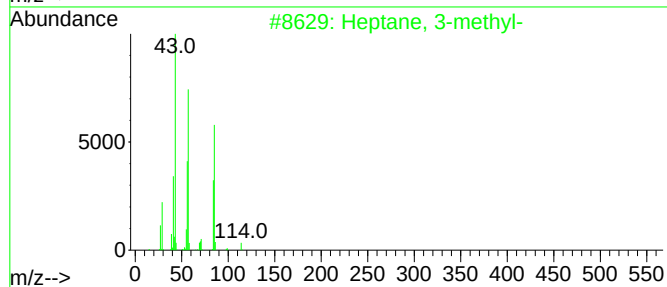
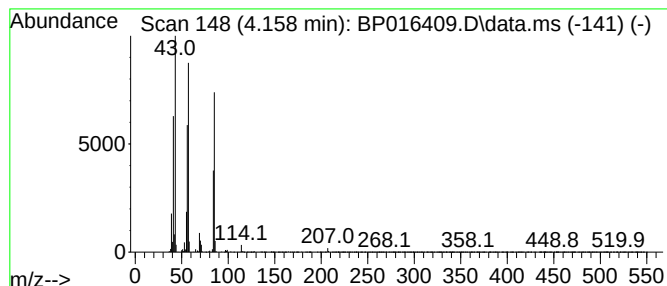
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.158	4.02 ng	555951	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	78
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
4			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
5			Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	59



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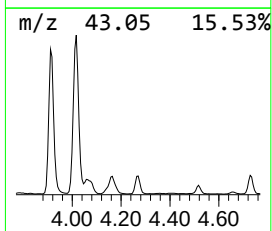
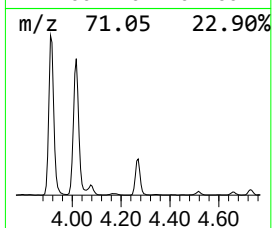
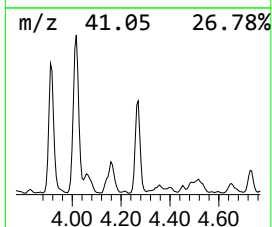
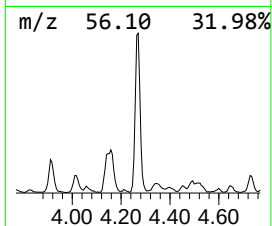
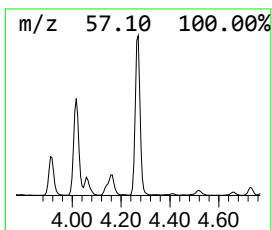
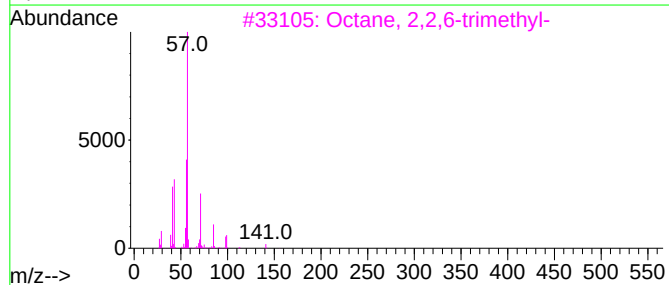
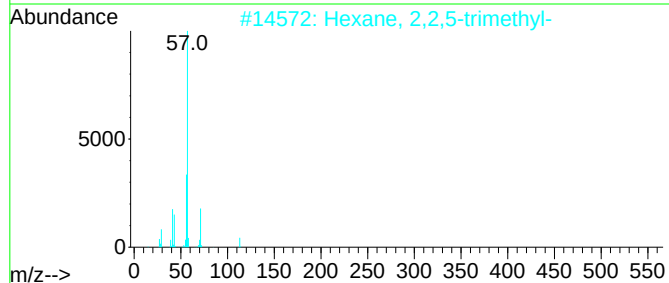
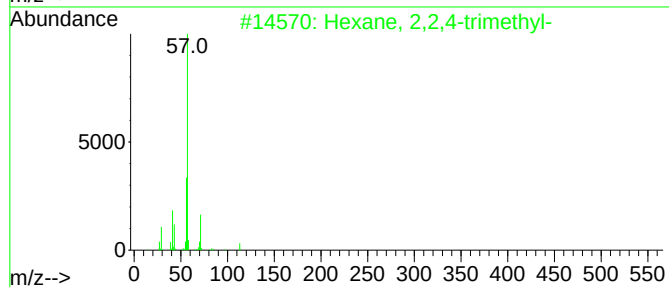
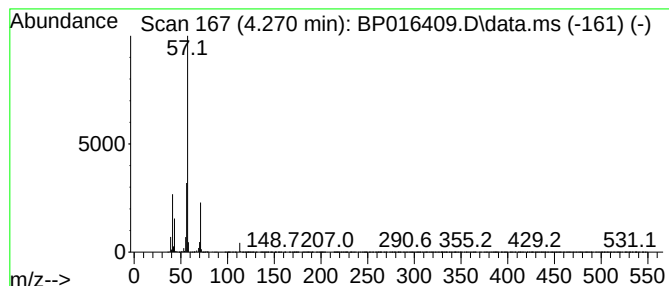
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexane, 2,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.270	8.36 ng	1155300	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
5			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

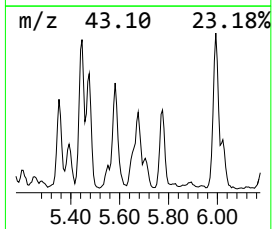
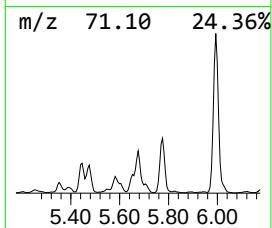
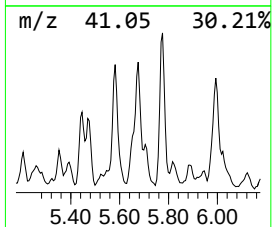
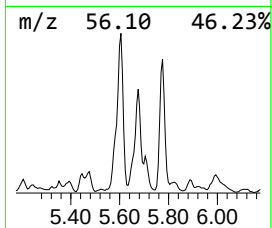
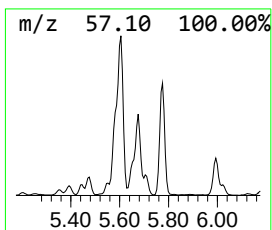
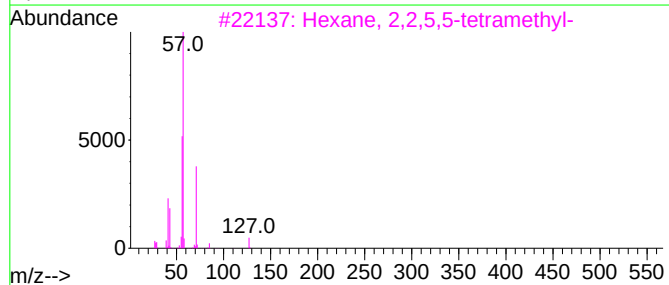
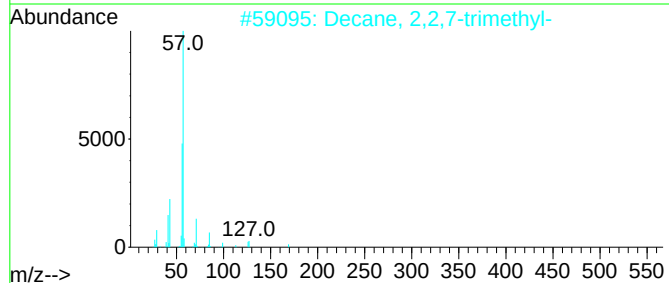
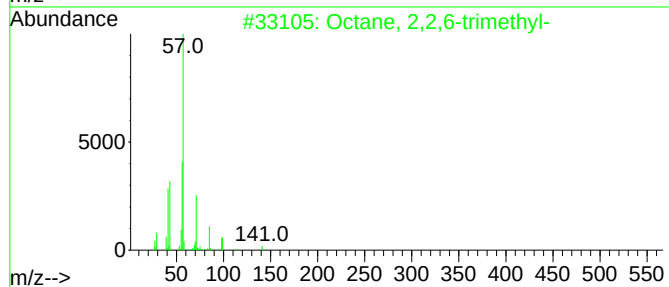
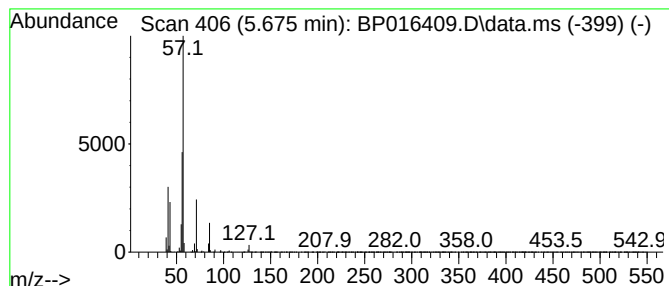
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,2,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.675	4.68 ng	647241	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	72
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	72
4			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	72
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

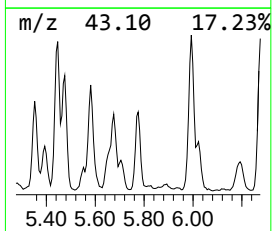
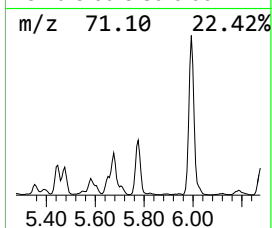
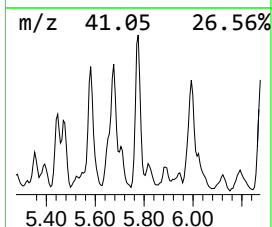
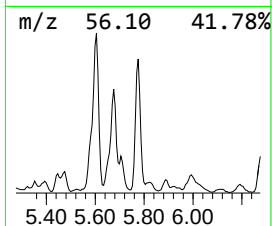
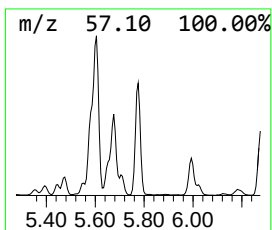
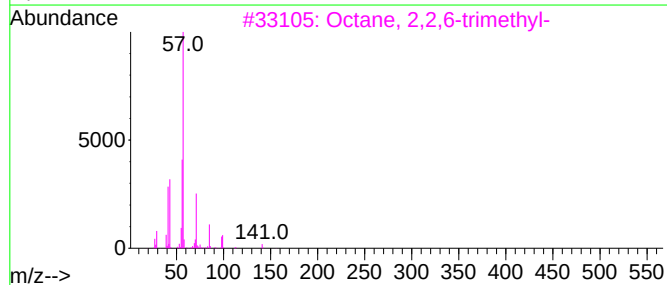
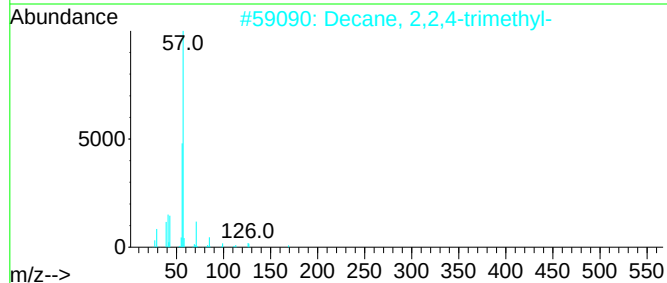
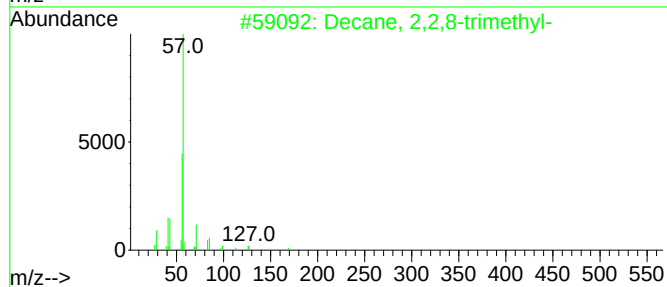
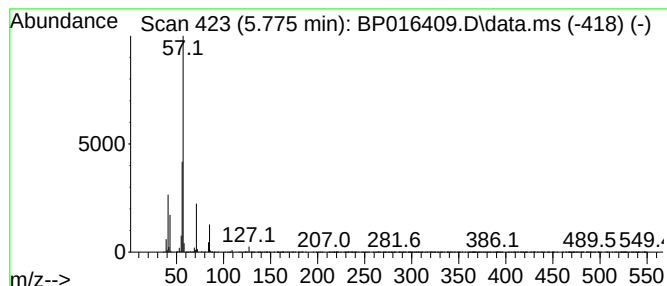
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,2,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.775	5.73 ng	792595	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
2			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	78
3			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	72
5			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

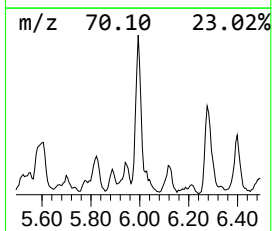
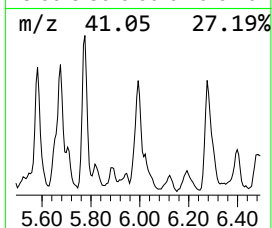
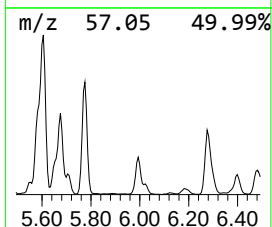
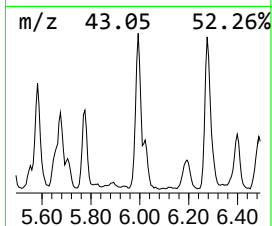
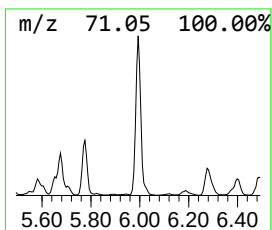
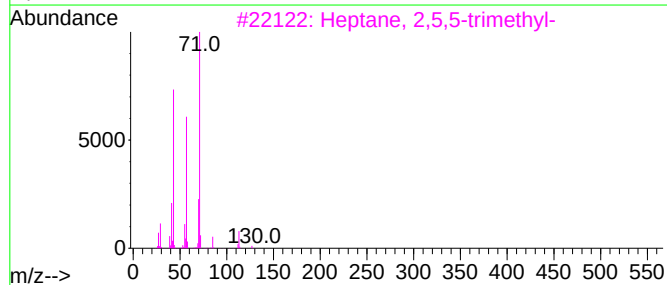
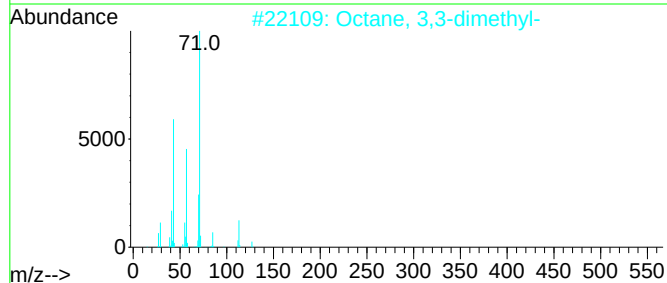
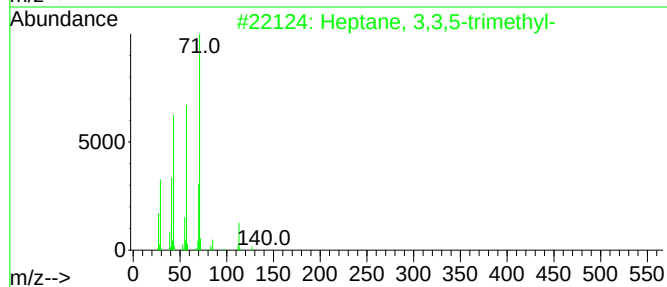
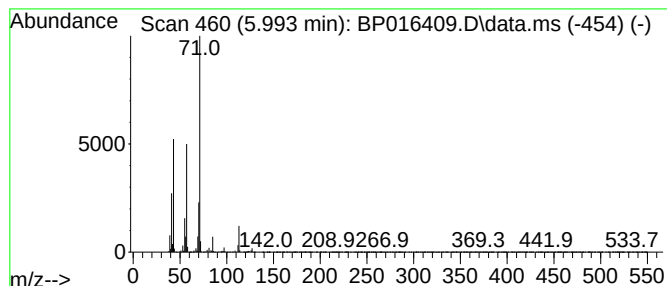
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptane, 3,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.993	7.77 ng	1074520	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	90
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
3			Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	83
4			Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64
5			Sulfurous acid, 2-pentyl pentyl ...	222	C10H22O3S	1000309-15-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

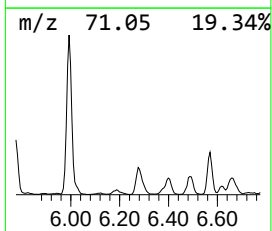
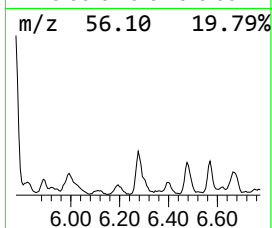
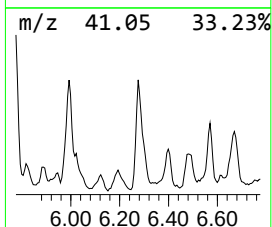
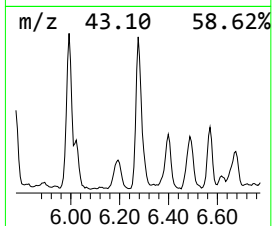
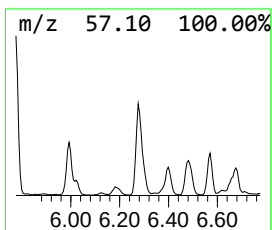
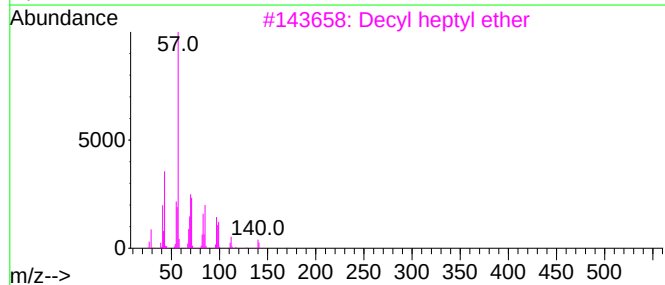
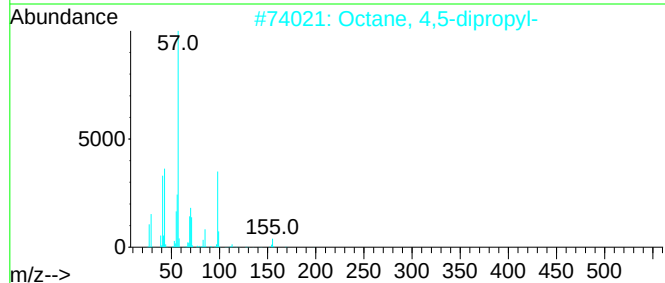
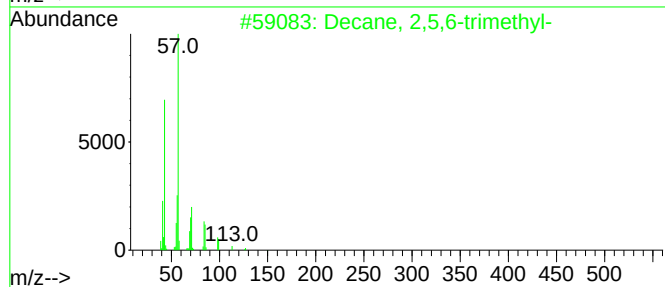
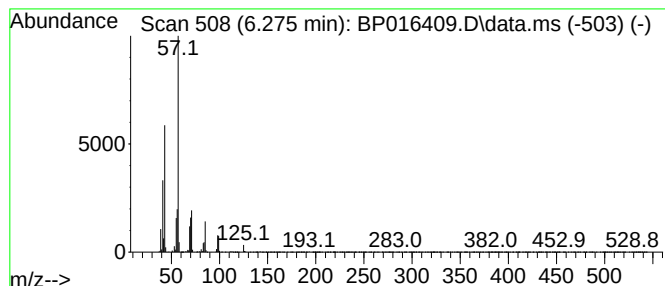
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2,5,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.275	6.54 ng	904115	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
3			Decyl heptyl ether	256	C17H36O	1000406-39-1	64
4			Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

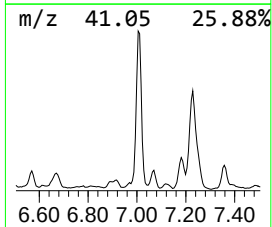
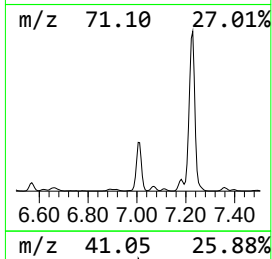
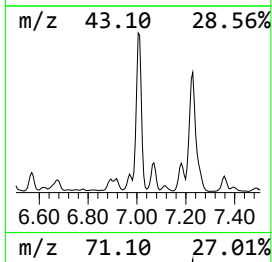
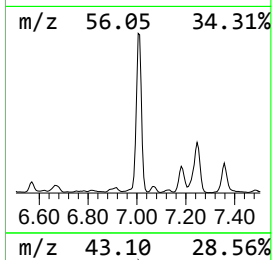
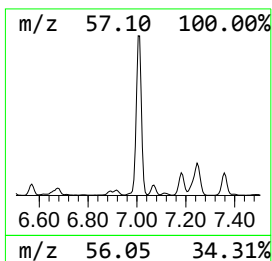
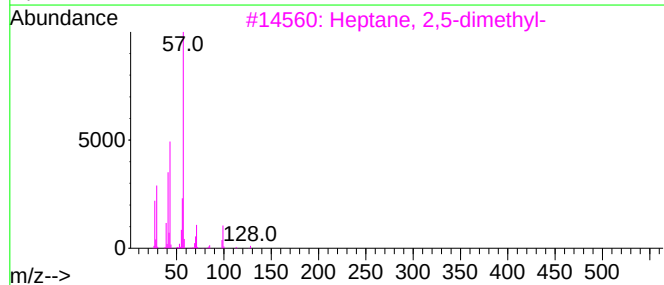
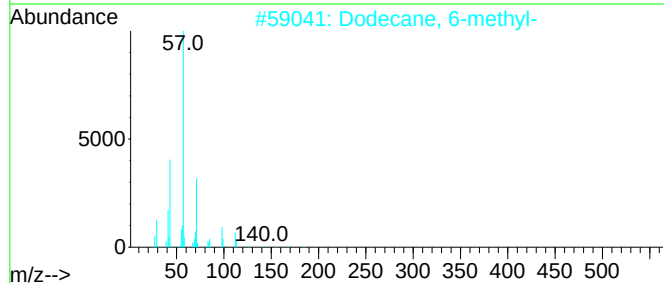
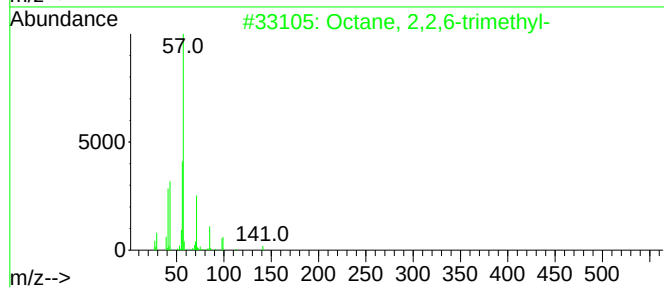
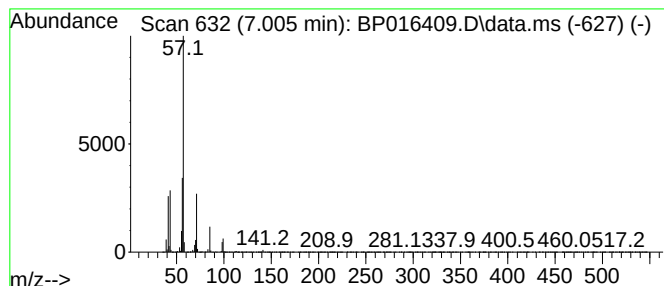
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 6-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.005	26.46 ng	3659200	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	83	
2	Dodecane, 6-methyl-		184	C13H28	006044-71-9	53	
3	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	50	
4	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	50	
5	Heptane, 2,2,4-trimethyl-		142	C10H22	014720-74-2	50	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-09-(3-5)

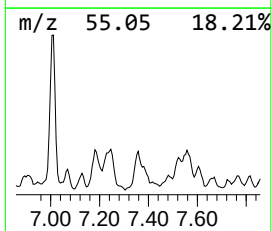
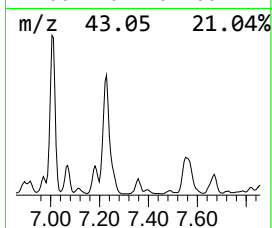
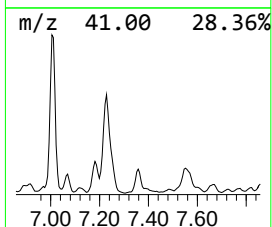
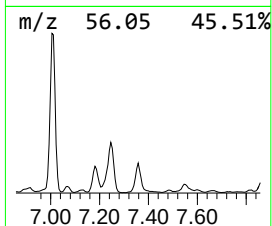
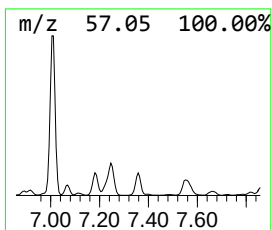
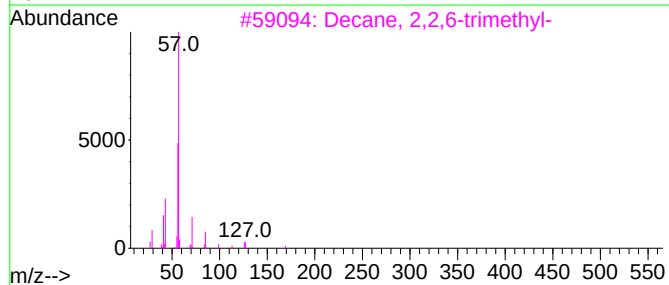
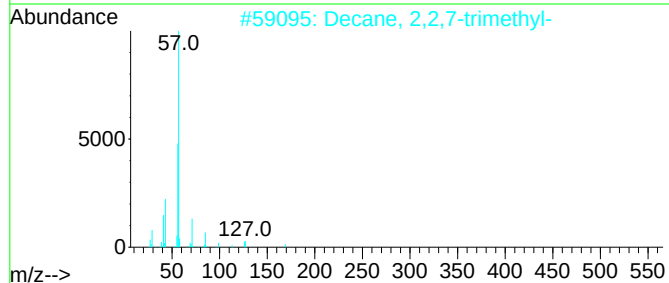
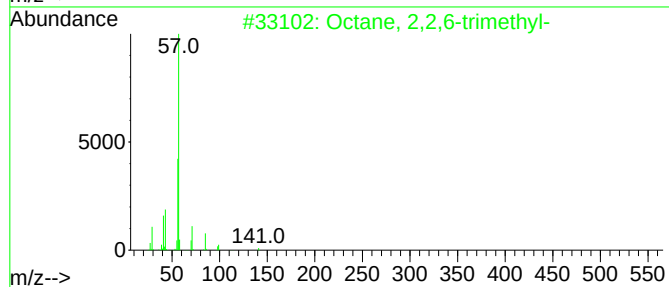
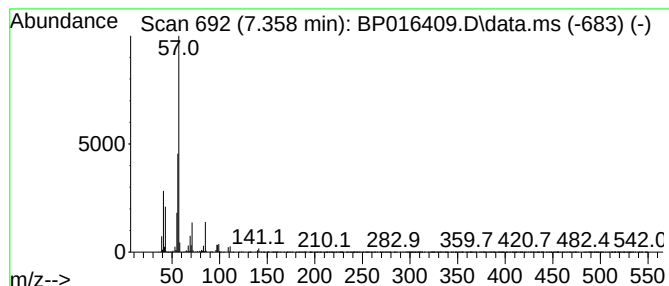
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2,2,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.358	4.84 ng	668823	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	78	
2	Decane, 2,2,7-trimethyl-		184	C13H28	062237-99-4	72	
3	Decane, 2,2,6-trimethyl-		184	C13H28	062237-97-2	72	
4	Tetradecane, 2,2-dimethyl-		226	C16H34	059222-86-5	72	
5	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	64	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

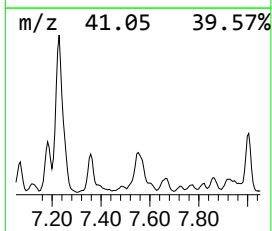
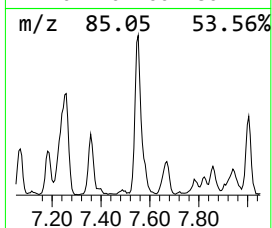
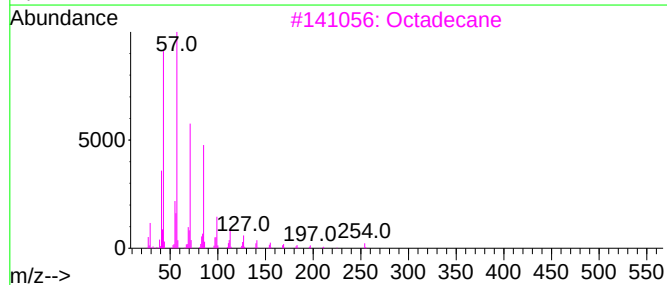
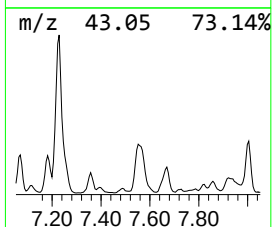
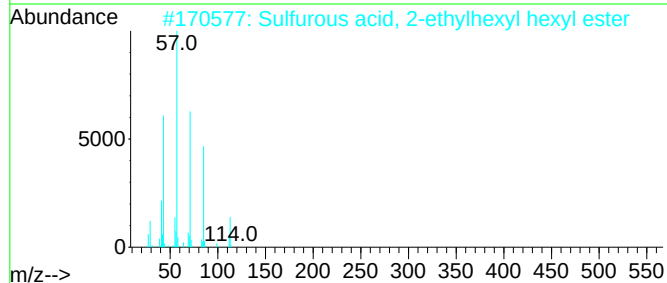
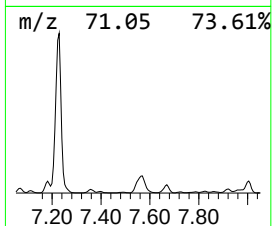
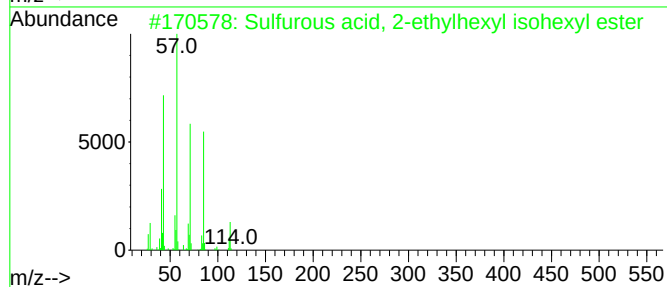
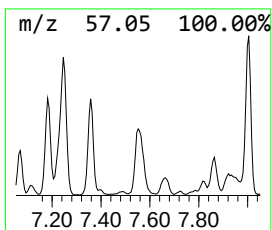
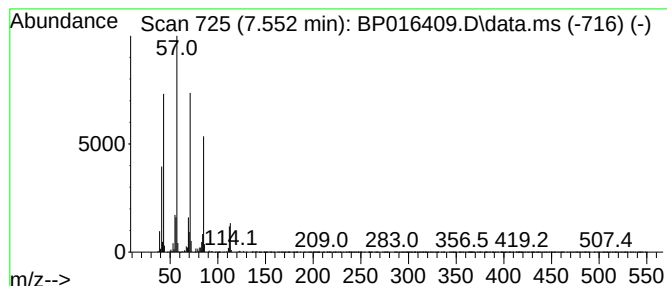
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, 2-ethylhexy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.552	7.17 ng	991614	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	90
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3			Octadecane	254	C18H38	000593-45-3	78
4			Hexadecane	226	C16H34	000544-76-3	78
5			Tetracosane	338	C24H50	000646-31-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

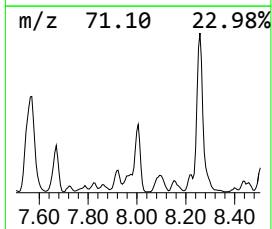
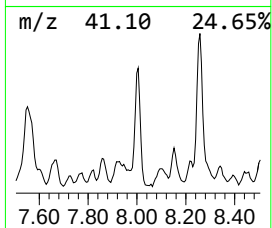
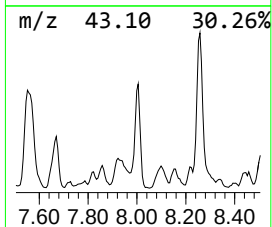
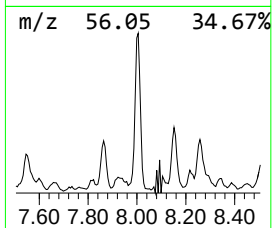
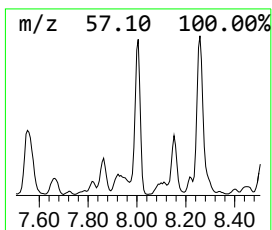
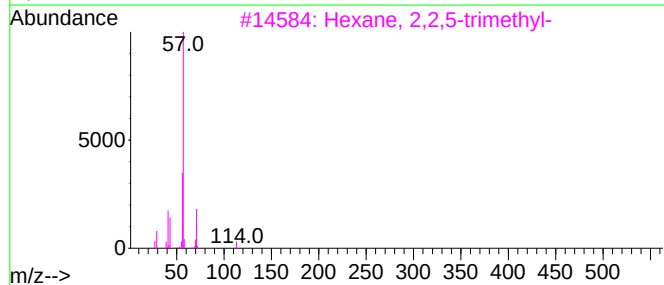
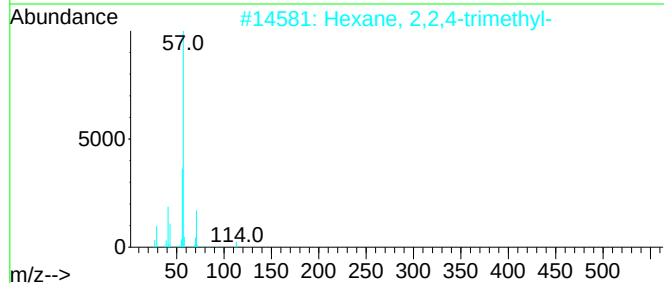
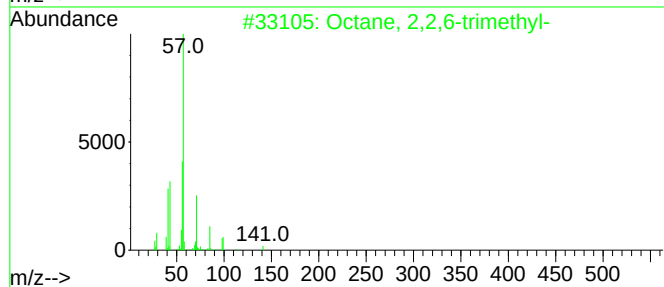
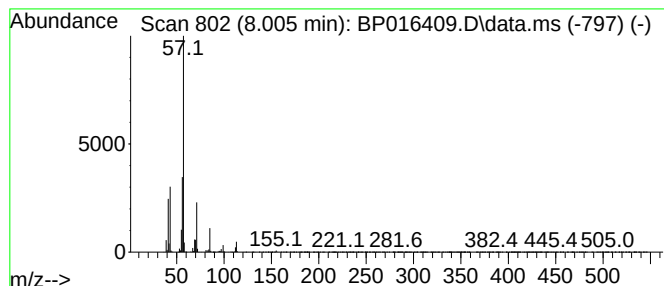
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexane, 2,2,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.005	6.30 ng	871228	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	59
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-09-(3-5)

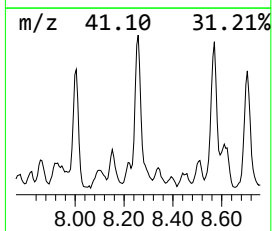
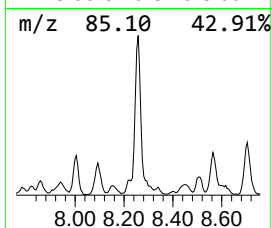
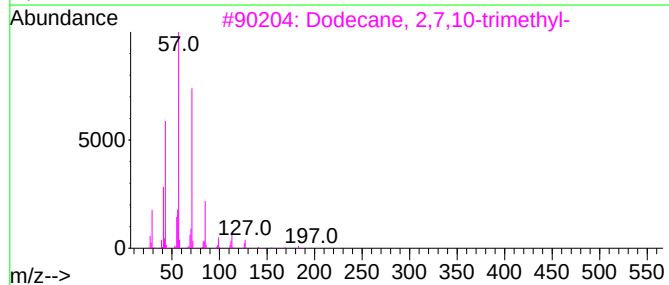
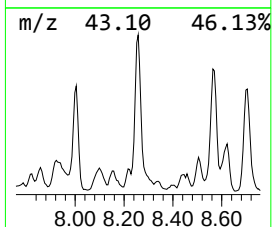
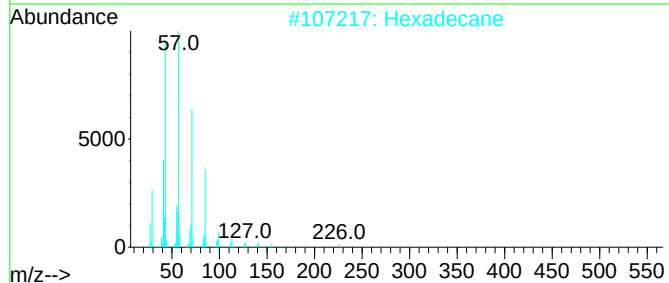
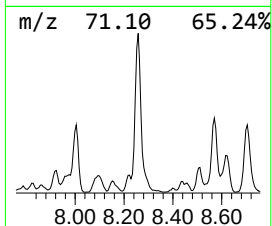
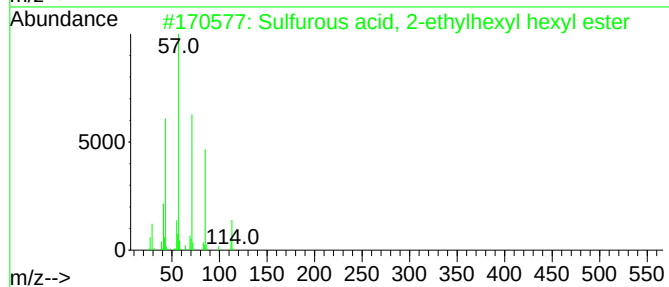
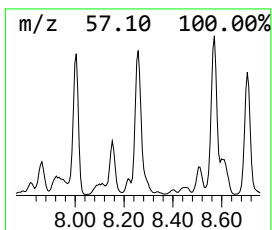
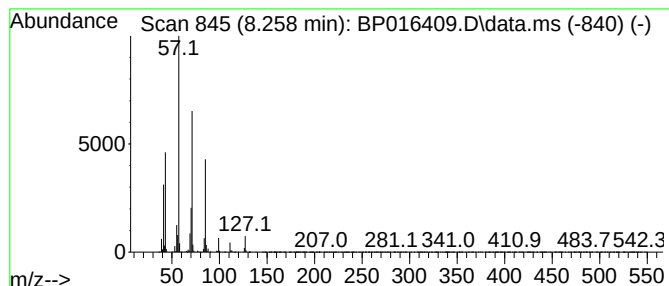
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.258	9.20 ng	1271520	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
2			Hexadecane	226	C16H34	000544-76-3	56
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

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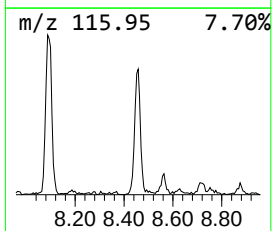
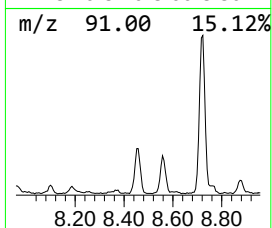
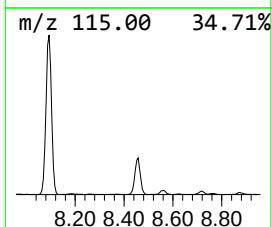
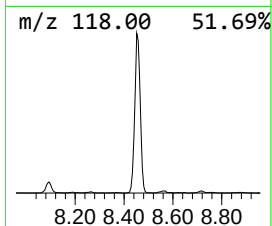
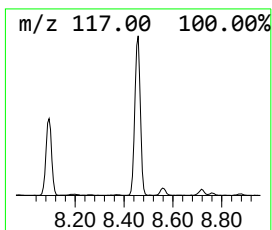
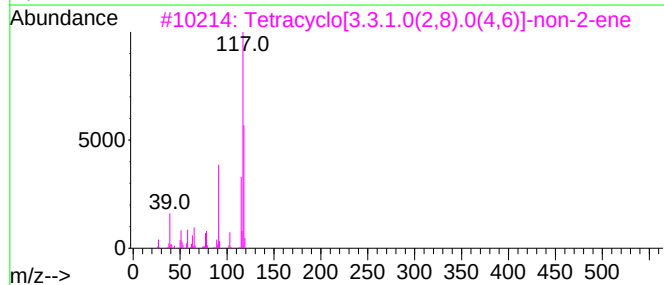
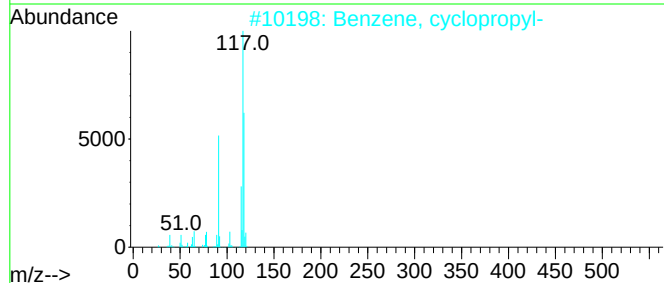
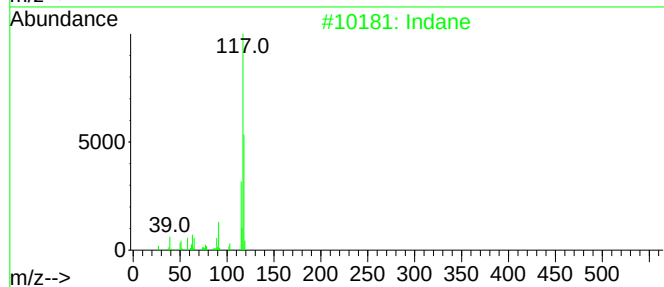
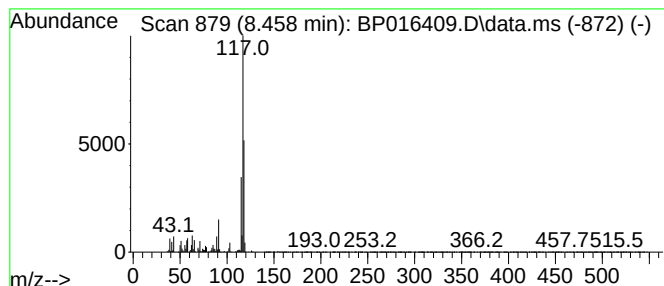
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.458	4.58 ng	633432	1,4-Dichlorobenzene-d4	8.093

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	93
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
4		Deltacyclene	118	C9H10	007785-10-6	72
5		Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
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ClientSampleId :
SB-09-(3-5)

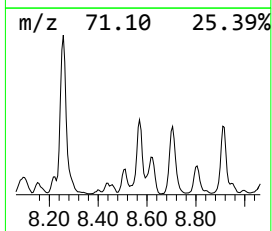
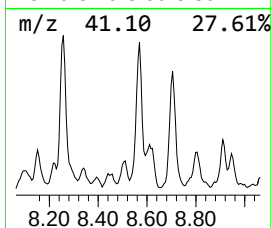
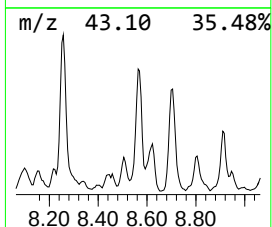
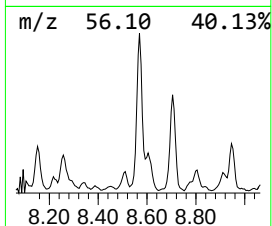
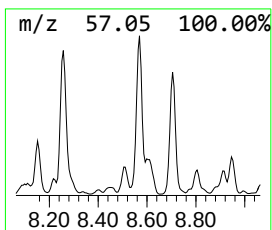
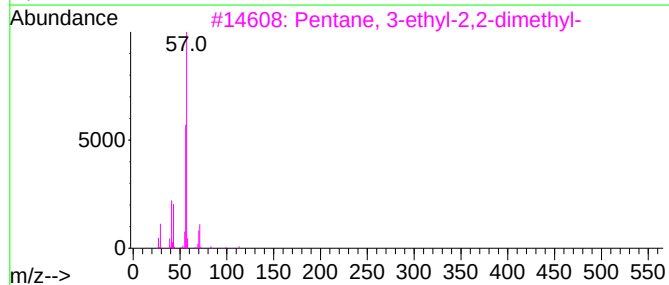
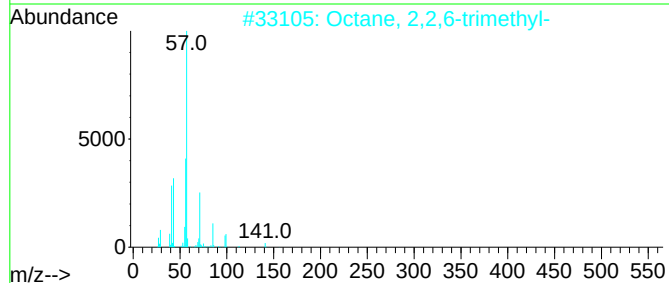
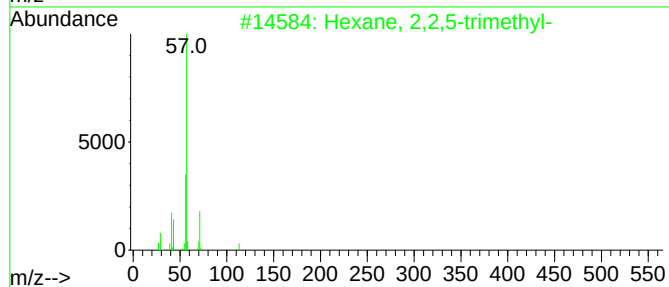
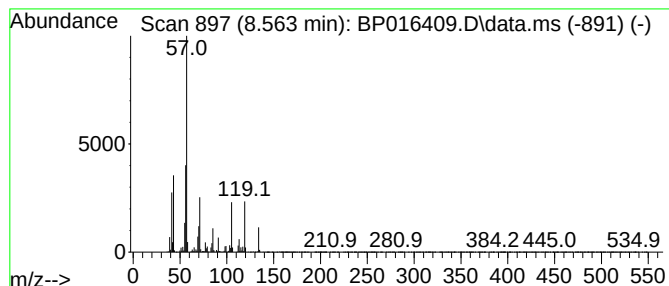
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown8.563 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.563	9.82 ng	1358130	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	43
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	38
3			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	38
4			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SB-09-(3-5)

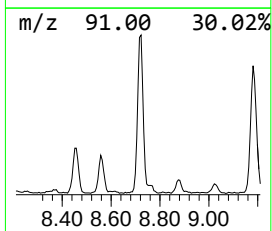
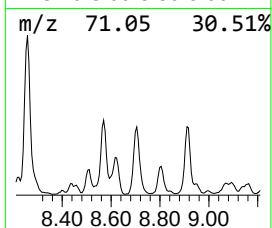
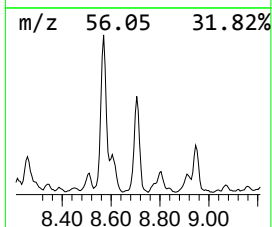
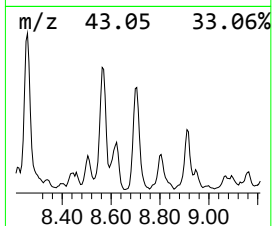
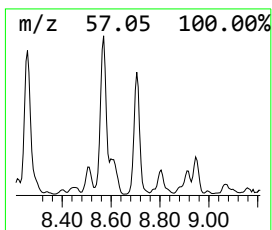
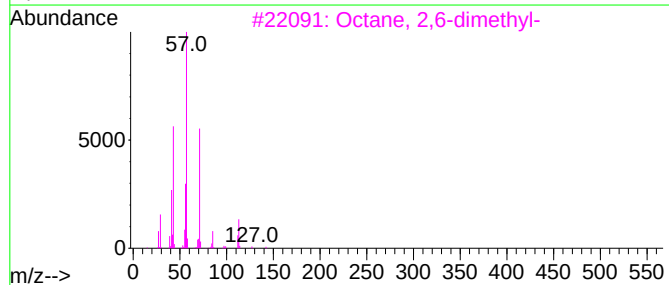
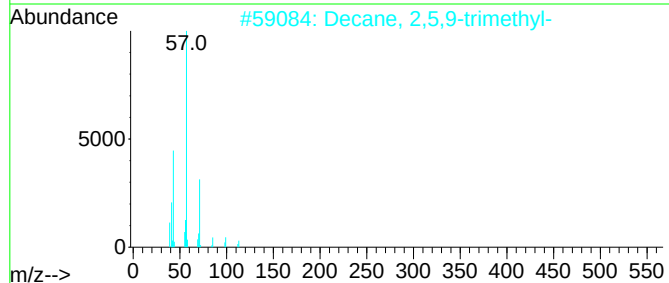
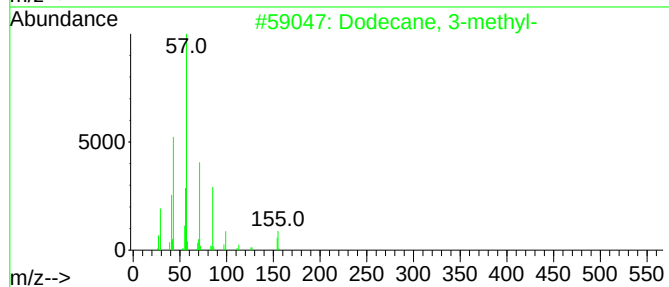
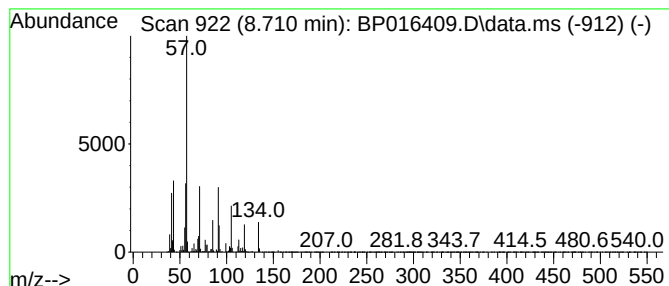
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown8.710 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	9.55 ng	1320100	1,4-Dichlorobenzene-d4	8.093

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	38
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SB-09-(3-5)

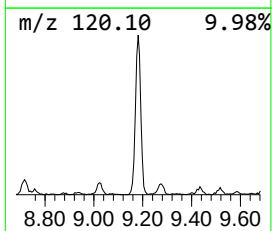
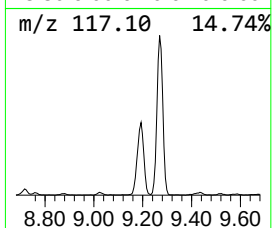
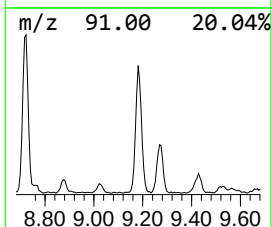
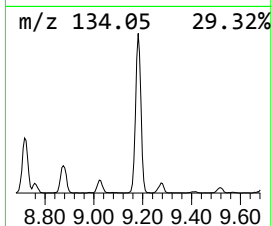
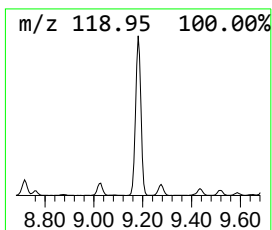
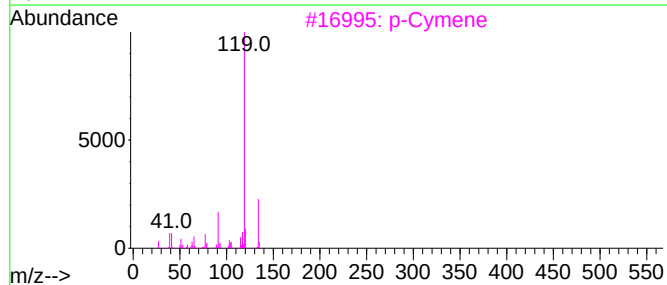
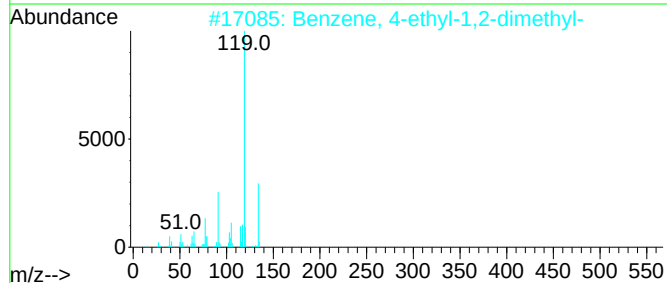
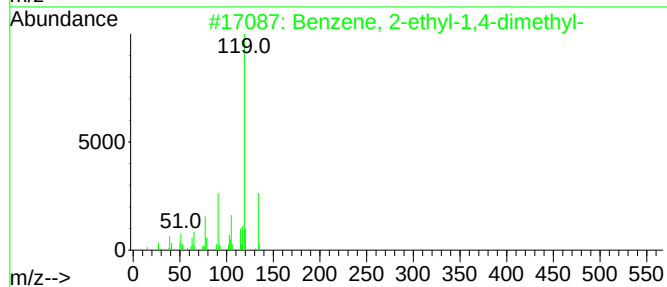
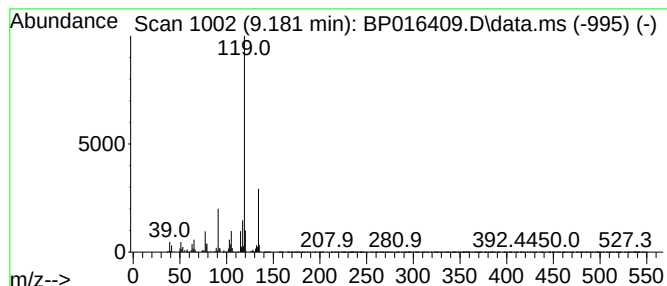
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	9.45 ng	1306880	1,4-Dichlorobenzene-d4	8.093

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		p-Cymene	134	C10H14	000099-87-6	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

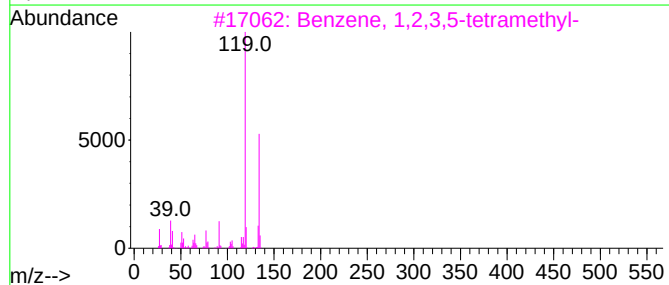
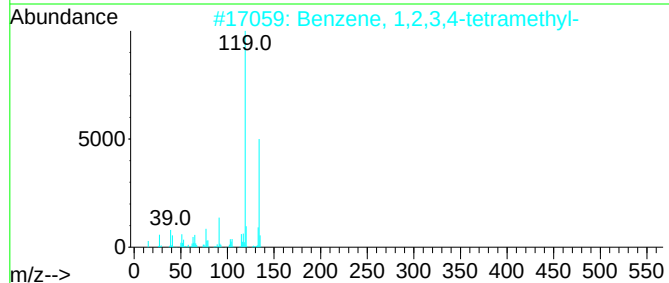
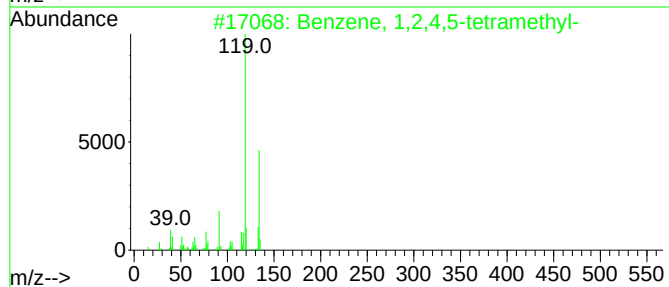
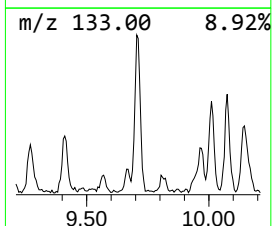
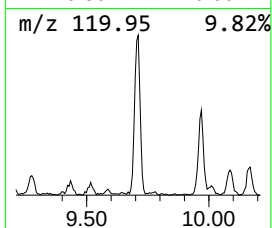
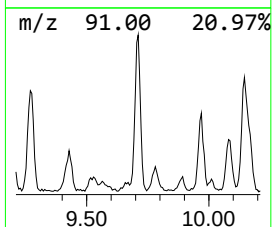
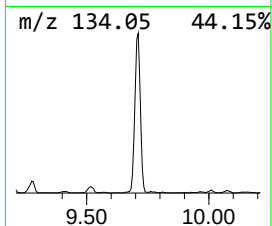
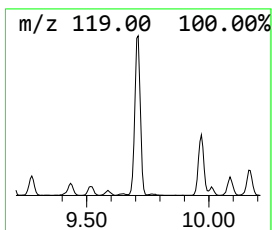
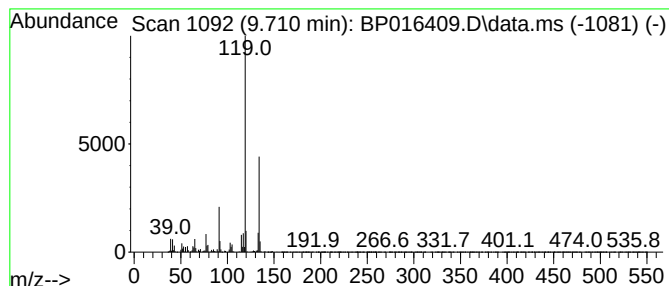
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	3.79 ng	762499	Naphthalene-d8	10.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

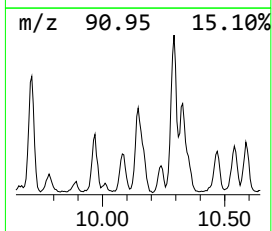
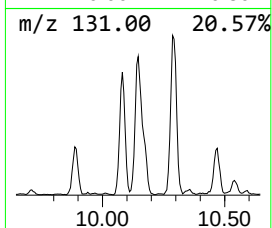
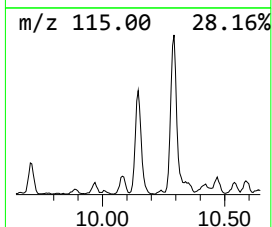
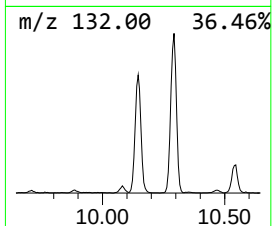
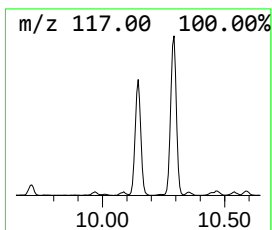
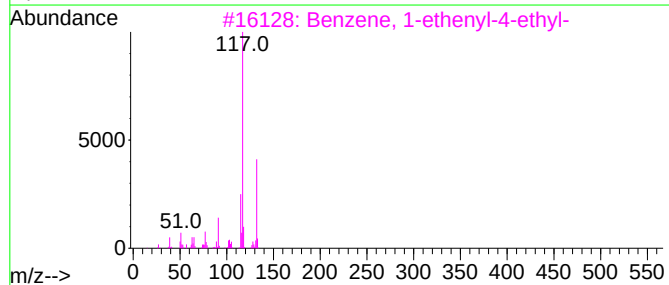
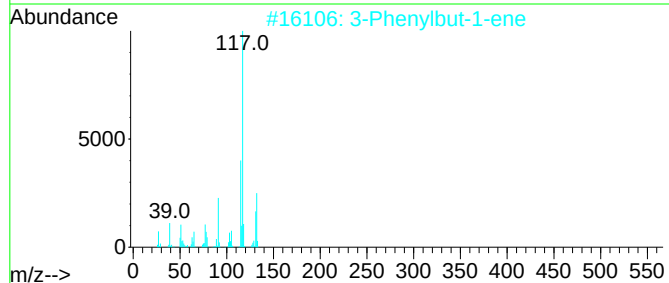
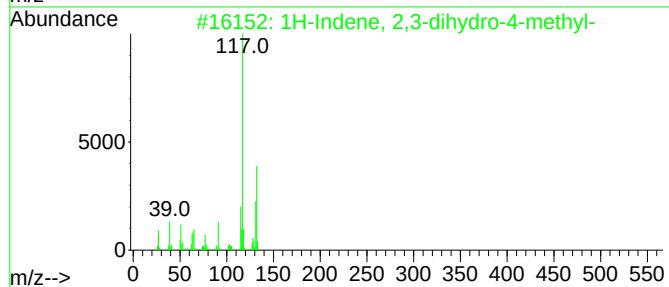
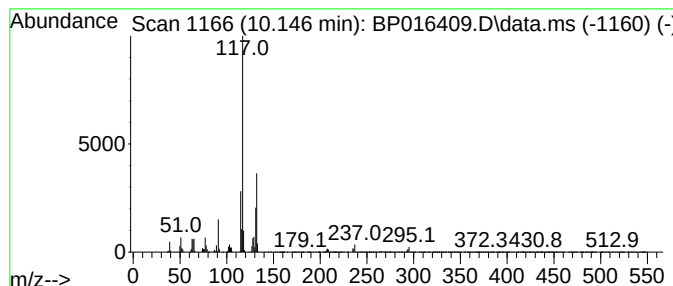
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.146	5.33 ng	1072420	Naphthalene-d8	10.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

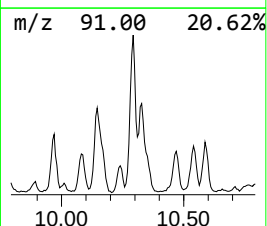
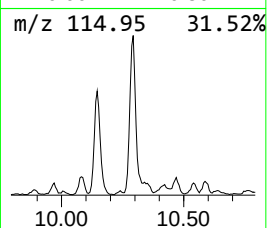
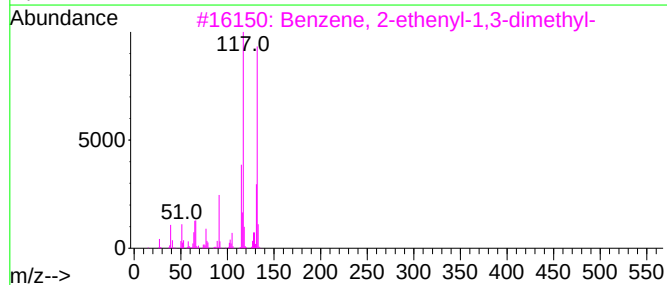
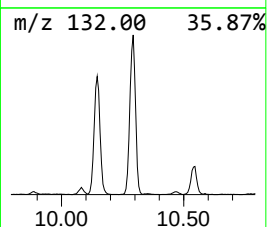
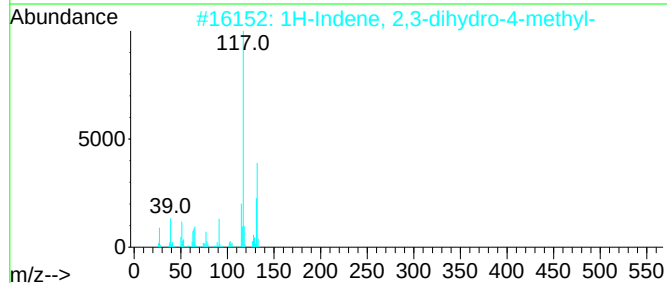
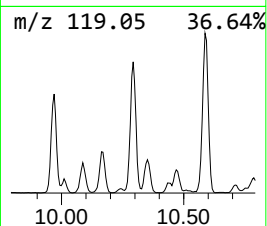
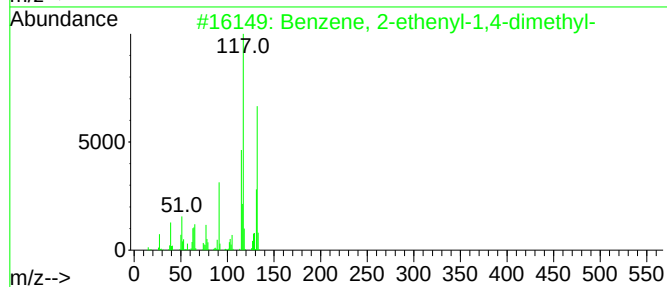
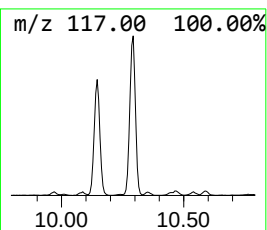
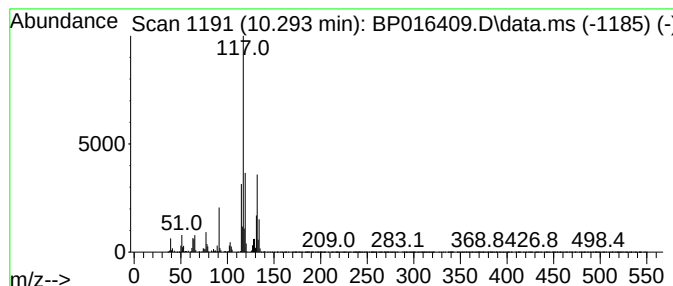
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.293	8.23 ng	1655600	Naphthalene-d8	10.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016409.D
Acq On : 27 Jul 2023 20:14
Operator : MA/JU
Sample : 03632-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-(3-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3,4-...	3.911	16.1	ng	2229380	1	8.093	2765400	20.0
Heptane, 4-methyl-	4.017	21.4	ng	2953960	1	8.093	2765400	20.0
Heptane, 3-methyl-	4.158	4.0	ng	555951	1	8.093	2765400	20.0
Hexane, 2,2,4-t...	4.270	8.4	ng	1155300	1	8.093	2765400	20.0
Octane, 2,2,6-t...	5.675	4.7	ng	647241	1	8.093	2765400	20.0
Decane, 2,2,8-t...	5.775	5.7	ng	792595	1	8.093	2765400	20.0
Heptane, 3,3,5-...	5.993	7.8	ng	1074520	1	8.093	2765400	20.0
Decane, 2,5,6-t...	6.275	6.5	ng	904115	1	8.093	2765400	20.0
Dodecane, 6-met...	7.005	26.5	ng	3659200	1	8.093	2765400	20.0
Decane, 2,2,7-t...	7.358	4.8	ng	668823	1	8.093	2765400	20.0
Sulfurous acid,...	7.552	7.2	ng	991614	1	8.093	2765400	20.0
Hexane, 2,2,5-t...	8.005	6.3	ng	871228	1	8.093	2765400	20.0
Sulfurous acid,...	8.258	9.2	ng	1271520	1	8.093	2765400	20.0
Indane	8.458	4.6	ng	633432	1	8.093	2765400	20.0
unknown8.563	8.563	9.8	ng	1358130	1	8.093	2765400	20.0
unknown8.710	8.710	9.6	ng	1320100	1	8.093	2765400	20.0
Benzene, 2-ethy...	9.181	9.4	ng	1306880	1	8.093	2765400	20.0
Benzene, 1,2,4,...	9.710	3.8	ng	762499	2	10.922	4021860	20.0
1H-Indene, 2,3-...	10.146	5.3	ng	1072420	2	10.922	4021860	20.0
Benzene, 2-ethe...	10.293	8.2	ng	1655600	2	10.922	4021860	20.0