

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
 Data File : BP008821.D
 Acq On : 17 Jan 2022 13:41
 Operator : CG/JU
 Sample : N1143-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEST-BOILER-ROOM-WEST-SIDEWALL

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-BP011422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.057	7	12	29	rVB	2950961	3817020	18.41%	0.762%
2	5.310	390	395	398	rBV2	908452	1417329	6.83%	0.283%
3	5.440	408	417	423	rBV	6376028	10177457	49.08%	2.032%
4	5.540	430	434	446	rVB	292637	602995	2.91%	0.120%
5	5.640	446	451	461	rBV2	291675	652262	3.15%	0.130%
6	5.740	461	468	476	rBV2	388165	897921	4.33%	0.179%
7	5.816	476	481	485	rBV	939322	1452707	7.01%	0.290%
8	5.875	485	491	499	rVB2	1953788	3507977	16.92%	0.700%
9	6.040	513	519	527	rBV2	620565	1162367	5.61%	0.232%
10	6.134	527	535	543	rBV3	3626663	8484541	40.92%	1.694%
11	6.257	549	556	563	rVB	3853658	7659807	36.94%	1.529%
12	6.345	565	571	578	rBV4	4170463	7036310	33.93%	1.405%
13	6.422	578	584	588	rBV	6727058	10067943	48.55%	2.010%
14	6.469	588	592	593	rBV	1580821	1712918	8.26%	0.342%
15	6.498	593	597	601	rBV2	2316581	3609938	17.41%	0.721%
16	6.616	612	617	623	rVB3	989863	1953519	9.42%	0.390%
17	6.681	623	628	633	rVB4	1104361	1864455	8.99%	0.372%
18	6.745	633	639	640	rBV	3979547	5514138	26.59%	1.101%
19	6.822	647	652	654	rBV	3285466	5013080	24.18%	1.001%
20	6.863	654	659	663	rVB	9389602	15126129	72.94%	3.020%
21	6.916	663	668	670	rBV	2886504	3908014	18.85%	0.780%
22	6.951	670	674	679	rVV2	4542047	7229977	34.87%	1.443%
23	7.028	679	687	692	rVV3	8249525	17745576	85.58%	3.543%
24	7.087	692	697	704	rVB	5722203	9415690	45.41%	1.880%
25	7.198	709	716	720	rBV3	1593868	3200974	15.44%	0.639%
26	7.245	720	724	728	rVB3	1737999	2361401	11.39%	0.471%
27	7.345	732	741	746	rBV	3160842	6988743	33.70%	1.395%
28	7.422	750	754	761	rVB2	2039936	3435093	16.57%	0.686%
29	7.510	761	769	778	rVB2	9989783	20736400	100.00%	4.140%
30	7.581	778	781	787	rVB2	1242083	1893580	9.13%	0.378%
31	7.634	787	790	793	rBV	691314	801234	3.86%	0.160%
32	7.675	793	797	798	rBV2	2435025	3066943	14.79%	0.612%
33	7.763	807	812	813	rBV	3387834	4444564	21.43%	0.887%
34	7.787	814	816	821	rVV2	4362016	6423906	30.98%	1.283%
35	7.851	821	827	832	rVB2	10488758	17529159	84.53%	3.500%
36	7.904	832	836	837	rBV	2198242	2848819	13.74%	0.569%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.945	837	843	846	rVV2	3945087	8520003	41.09%	1.701%
38	7.975	846	848	857	rVB2	3088007	5962132	28.75%	1.190%
39	8.057	857	862	866	rBV	5493295	8087563	39.00%	1.615%
40	8.092	866	868	870	rVV2	635946	634784	3.06%	0.127%
41	8.151	870	878	886	rVB2	6312765	16242887	78.33%	3.243%
42	8.216	886	889	891	rBV	881595	1161463	5.60%	0.232%
43	8.304	899	904	908	rBV2	3067416	4894528	23.60%	0.977%
44	8.357	908	913	916	rVV	2255266	4958834	23.91%	0.990%
45	8.404	916	921	927	rVV2	9290055	17887504	86.26%	3.571%
46	8.463	927	931	934	rVV	4761099	6790797	32.75%	1.356%
47	8.504	934	938	945	rVV3	7411335	15626880	75.36%	3.120%
48	8.557	945	947	953	rVB3	2851046	3635094	17.53%	0.726%
49	8.634	955	960	963	rBV	2928789	4827488	23.28%	0.964%
50	8.663	963	965	974	rVB2	2471943	5013040	24.18%	1.001%
51	8.816	987	991	995	rBV	2094335	2796816	13.49%	0.558%
52	8.869	995	1000	1008	rVV	3355525	5295440	25.54%	1.057%
53	8.969	1008	1017	1022	rBV2	5353014	11711375	56.48%	2.338%
54	9.016	1022	1025	1029	rVV	2530540	3848743	18.56%	0.768%
55	9.063	1029	1033	1036	rVV3	2087553	3602241	17.37%	0.719%
56	9.098	1036	1039	1043	rVB2	1641796	2208518	10.65%	0.441%
57	9.222	1049	1060	1066	rBV6	4665515	13777087	66.44%	2.751%
58	9.298	1066	1073	1076	rVV2	2300958	5225827	25.20%	1.043%
59	9.357	1076	1083	1090	rVV4	3434772	9567834	46.14%	1.910%
60	9.451	1090	1099	1102	rVV4	2122070	4851788	23.40%	0.969%
61	9.492	1102	1106	1109	rVV	2210921	4383774	21.14%	0.875%
62	9.551	1112	1116	1127	rVB	3096143	6802837	32.81%	1.358%
63	9.633	1127	1130	1142	rVB	1059515	1993445	9.61%	0.398%
64	9.745	1142	1149	1153	rBV3	2362765	4802887	23.16%	0.959%
65	9.792	1153	1157	1162	rVB3	2132741	3270834	15.77%	0.653%
66	9.863	1162	1169	1175	rBV3	2195057	5358213	25.84%	1.070%
67	9.945	1175	1183	1188	rVB2	1739074	4036613	19.47%	0.806%
68	10.016	1190	1195	1199	rBV	1653872	2695434	13.00%	0.538%
69	10.063	1199	1203	1207	rBV2	706163	999357	4.82%	0.200%
70	10.128	1210	1214	1221	rVB2	1407059	2401174	11.58%	0.479%
71	10.198	1221	1226	1231	rBV3	1259874	2882916	13.90%	0.576%
72	10.292	1238	1242	1246	rVB2	481875	736842	3.55%	0.147%
73	10.363	1249	1254	1259	rVB	631902	946474	4.56%	0.189%
74	10.439	1262	1267	1272	rVB3	414060	721828	3.48%	0.144%
75	10.533	1278	1283	1286	rBV2	540364	1044885	5.04%	0.209%
76	10.651	1295	1303	1308	rBV2	1833964	3788904	18.27%	0.756%

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77	10.704	1308	1312	1321	rVV	1179354	2407705	11.61%	0.481%
78	10.786	1321	1326	1330	rVV4	409262	756004	3.65%	0.151%
79	10.828	1330	1333	1338	rVV2	617786	961239	4.64%	0.192%
80	10.881	1338	1342	1349	rVV3	328676	640103	3.09%	0.128%
81	10.957	1352	1355	1361	rVB3	311048	557569	2.69%	0.111%
82	11.075	1371	1375	1385	rVB5	284606	786107	3.79%	0.157%
83	11.692	1475	1480	1489	rBV4	268028	595602	2.87%	0.119%
84	13.116	1715	1722	1734	rBV	8625622	12752004	61.50%	2.546%
85	13.398	1764	1770	1778	rVV	893703	1422294	6.86%	0.284%
86	14.492	1948	1956	1963	rBV	2605990	3795002	18.30%	0.758%
87	15.986	2203	2210	2219	rVV	6957119	10241593	49.39%	2.045%
88	16.245	2246	2254	2258	rBV	524674	931490	4.49%	0.186%
89	17.068	2390	2394	2405	rVB	344649	614765	2.96%	0.123%
90	17.251	2419	2425	2435	rBV	3025339	4534818	21.87%	0.905%
91	17.927	2536	2540	2545	rVB	461086	567503	2.74%	0.113%
92	18.151	2574	2578	2592	rBV2	662222	1244108	6.00%	0.248%
93	19.057	2728	2732	2736	rVB2	1159971	1371585	6.61%	0.274%
94	19.815	2855	2861	2868	rVB	15182080	19130416	92.26%	3.819%
95	20.215	2925	2929	2934	rVB	626875	833577	4.02%	0.166%
96	21.056	3068	3072	3081	rBV2	1238451	1629186	7.86%	0.325%
97	21.256	3103	3106	3111	rVB	551678	613202	2.96%	0.122%
98	21.345	3116	3121	3126	rBV	3692511	4940393	23.82%	0.986%
99	21.462	3136	3141	3157	rVB	5194607	7313167	35.27%	1.460%
100	23.768	3527	3533	3543	rVB2	2080134	4469290	21.55%	0.892%

Sum of corrected areas: 500864691

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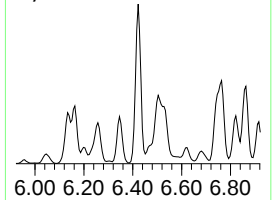
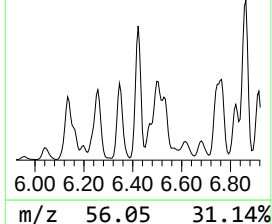
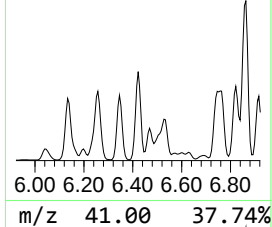
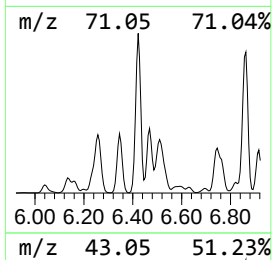
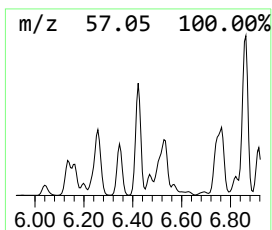
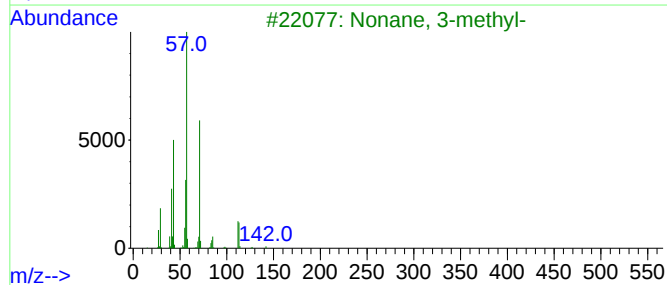
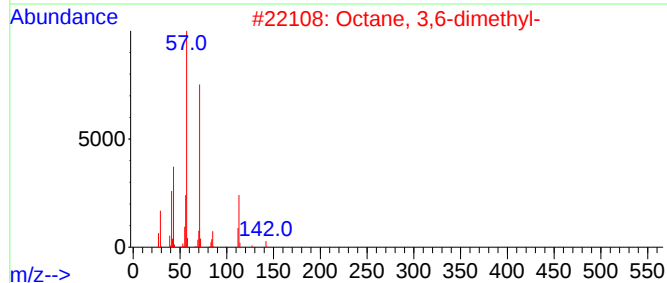
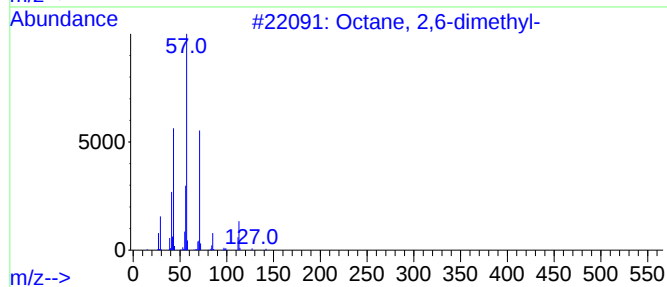
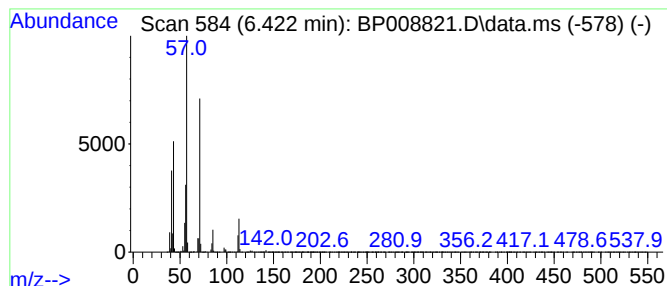
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	11.49 ng	10067900	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	95
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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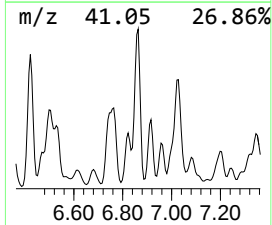
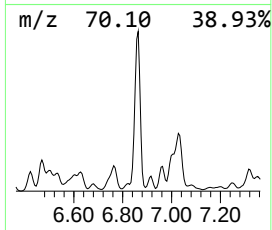
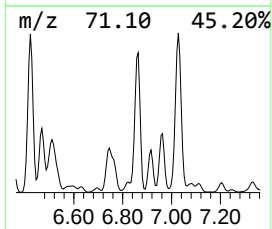
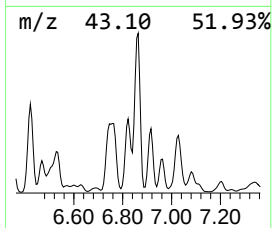
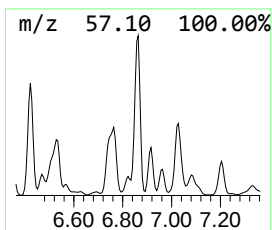
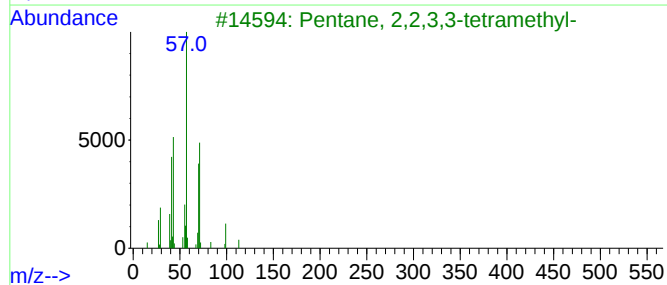
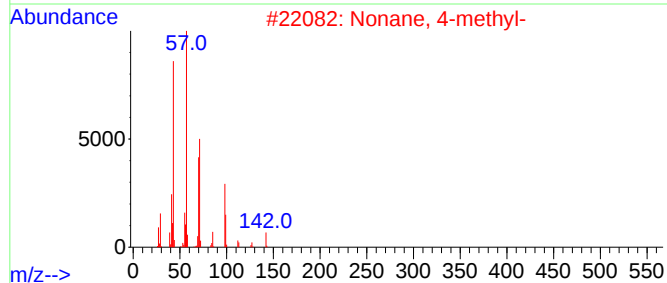
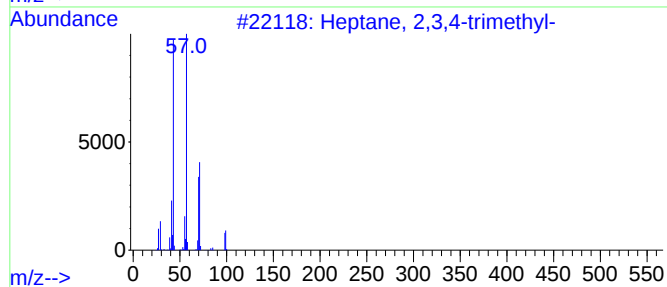
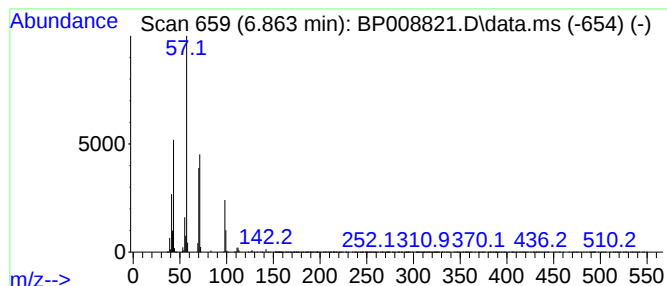
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptane, 2,3,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	17.26 ng	15126100	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	47



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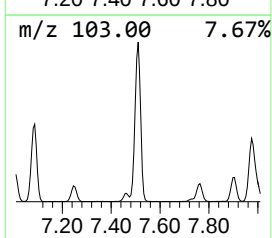
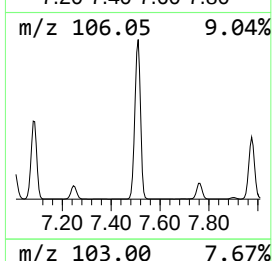
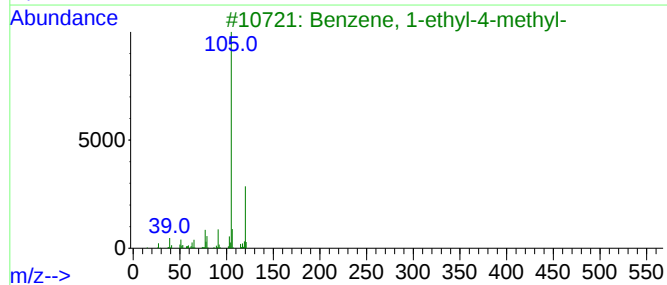
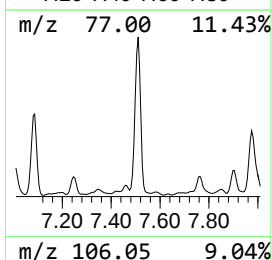
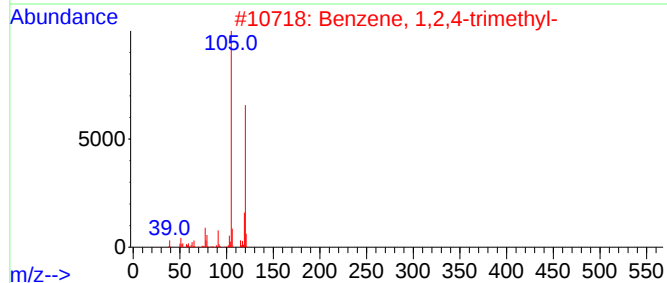
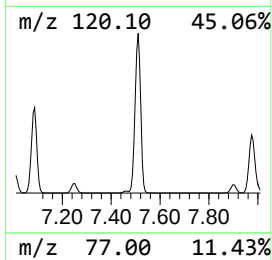
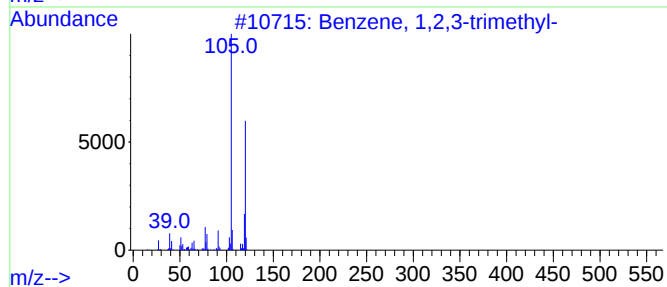
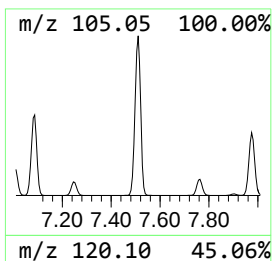
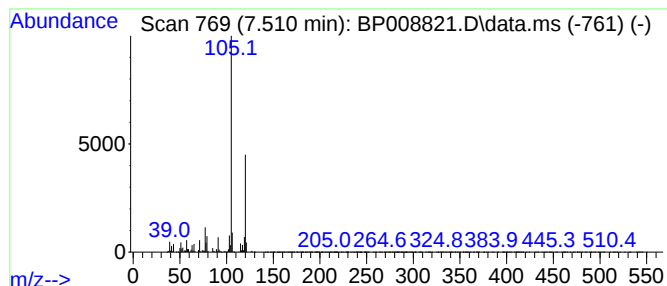
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.510	23.66 ng	20736400	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

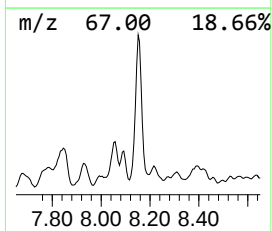
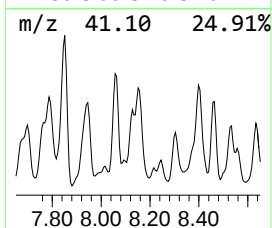
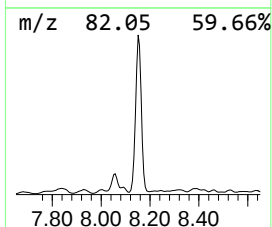
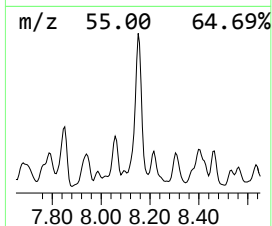
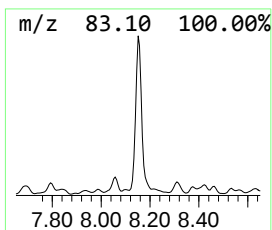
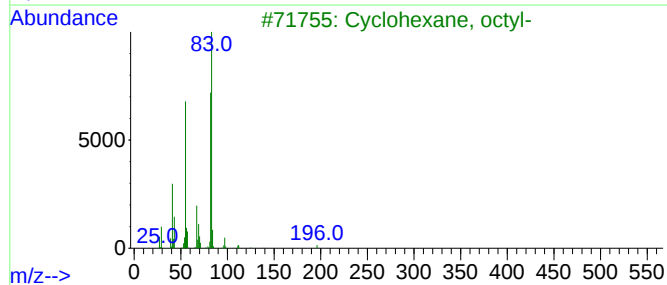
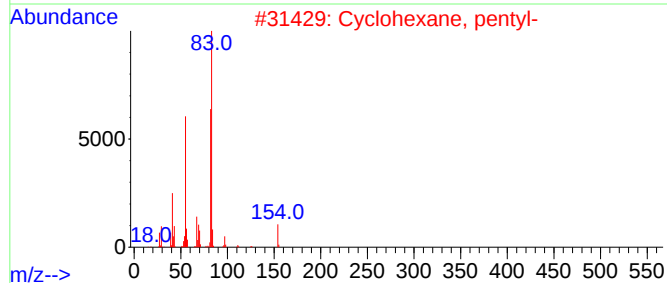
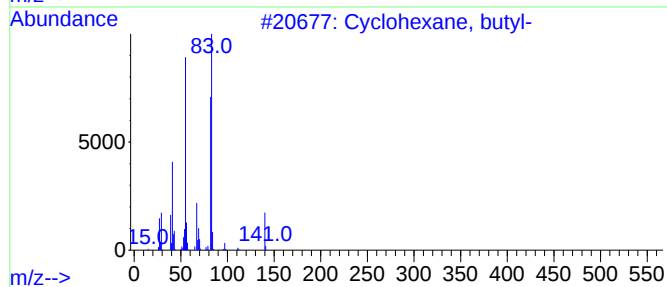
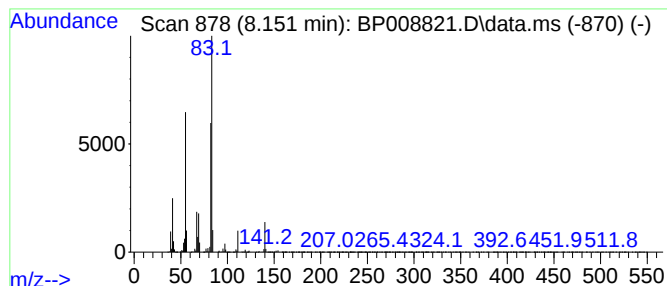
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.151	18.53 ng	16242900	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

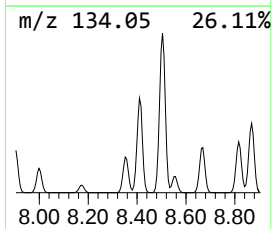
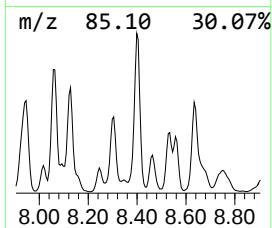
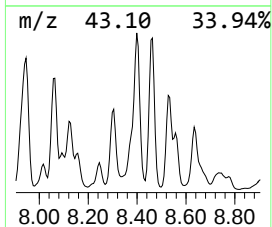
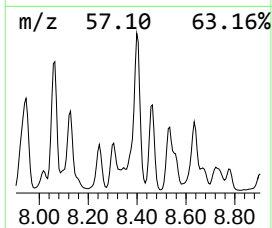
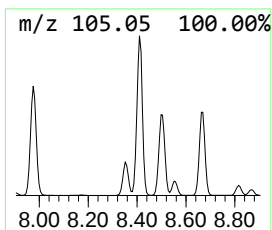
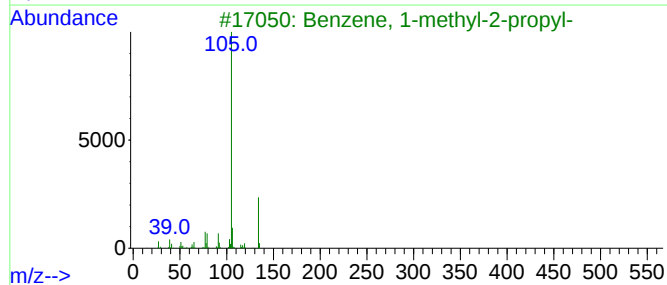
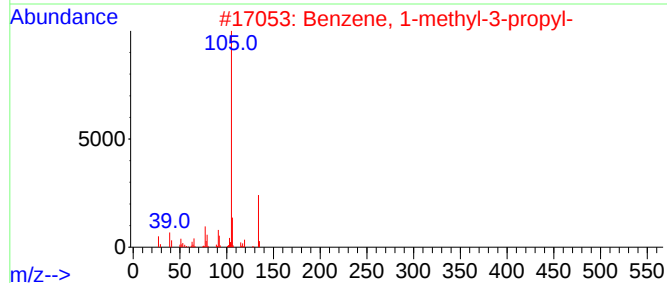
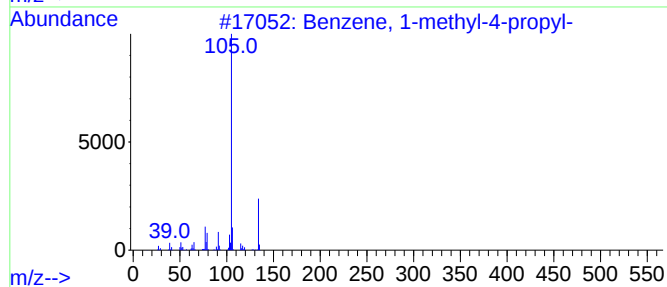
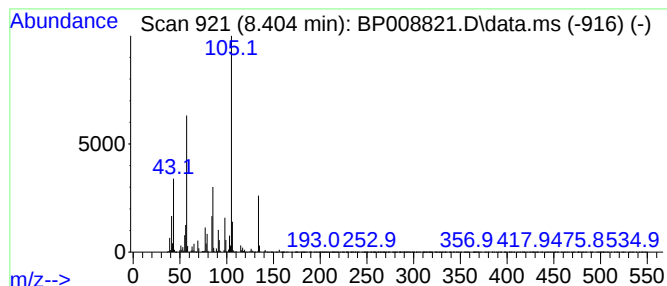
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.404	20.41 ng	17887500	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

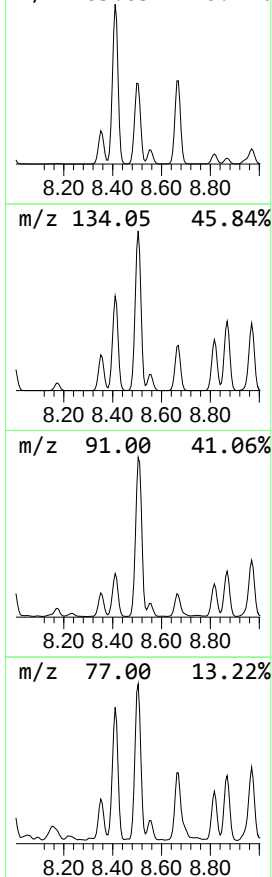
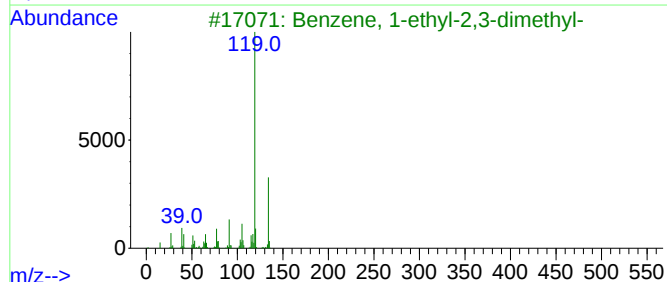
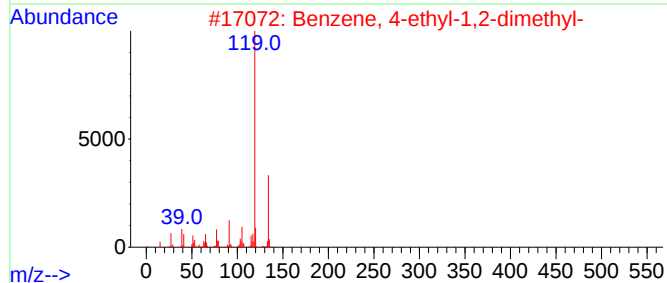
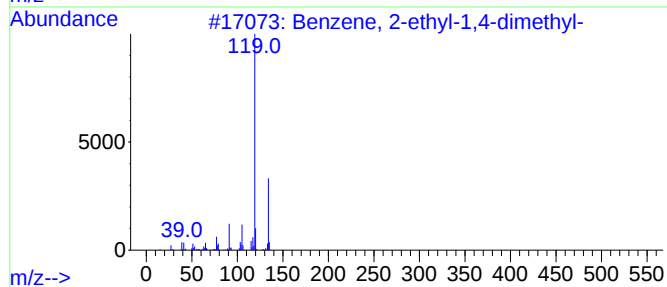
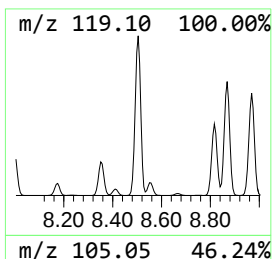
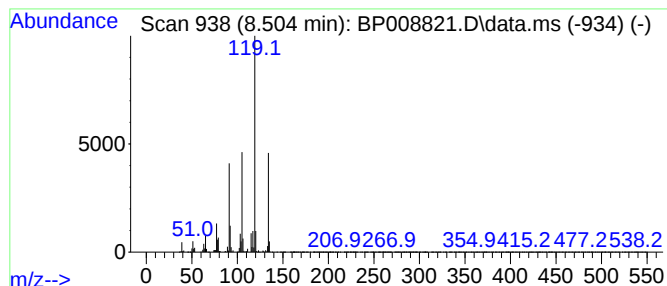
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	17.83 ng	15626900	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

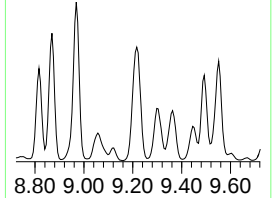
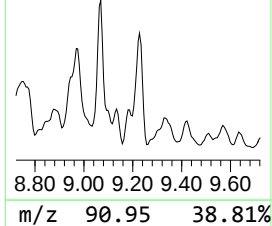
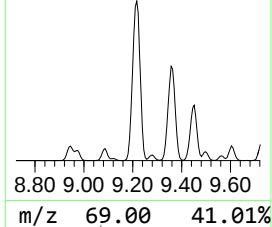
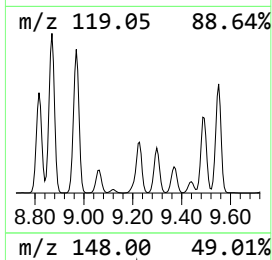
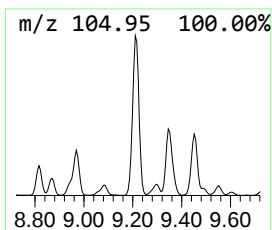
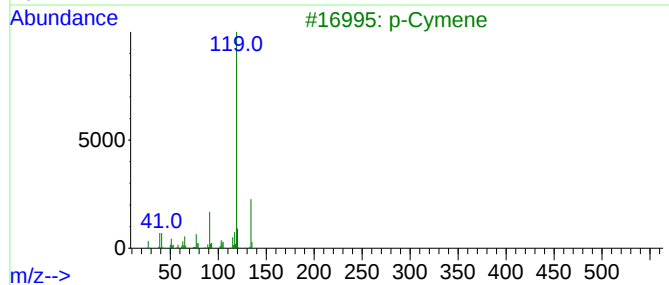
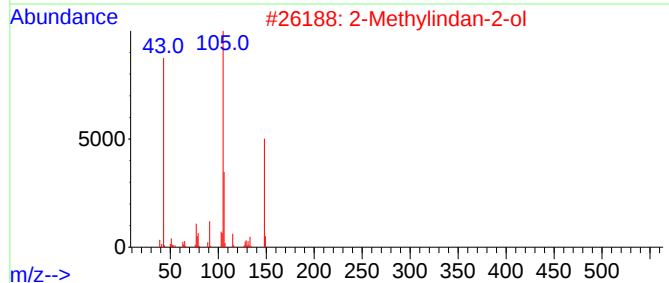
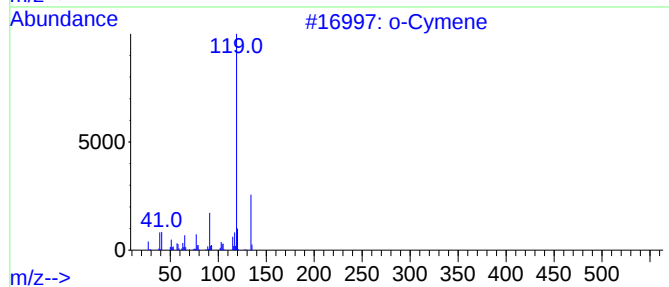
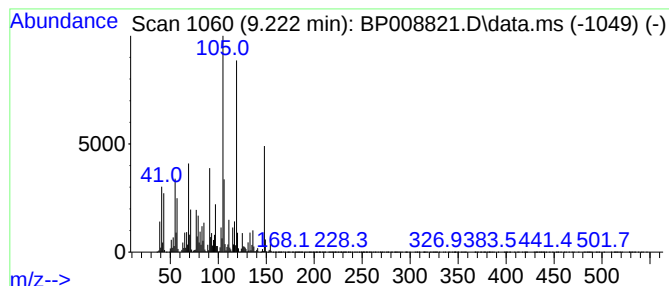
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.222	15.72 ng	13777100	1,4-Dichlorobenzene-d4	7.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	80
2			2-Methylindan-2-ol	148	C10H12O	033223-84-6	42
3			p-Cymene	134	C10H14	000099-87-6	42
4			4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
5			Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

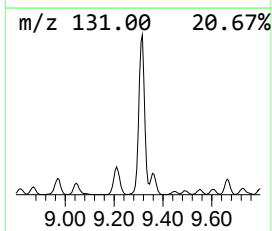
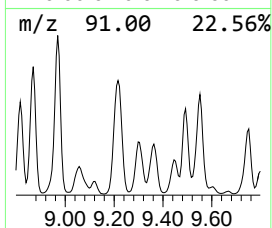
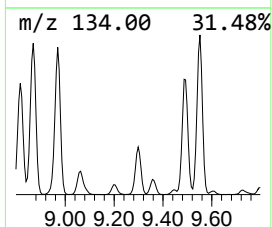
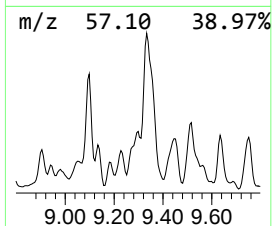
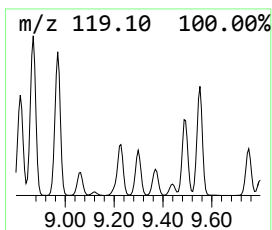
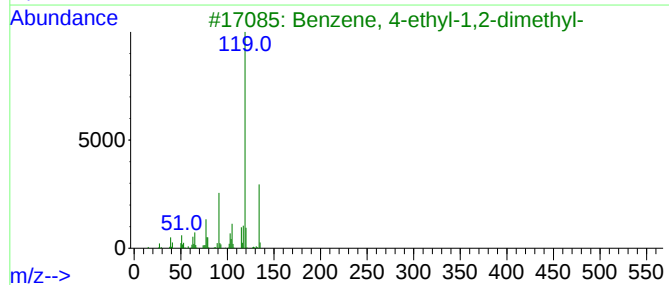
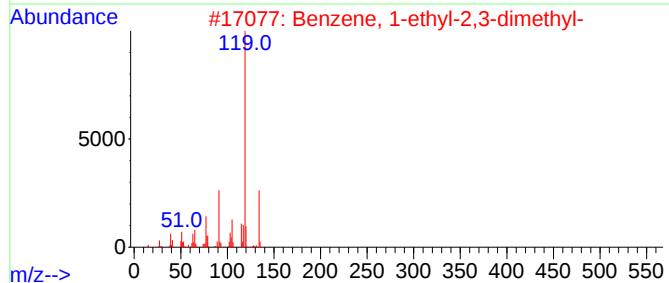
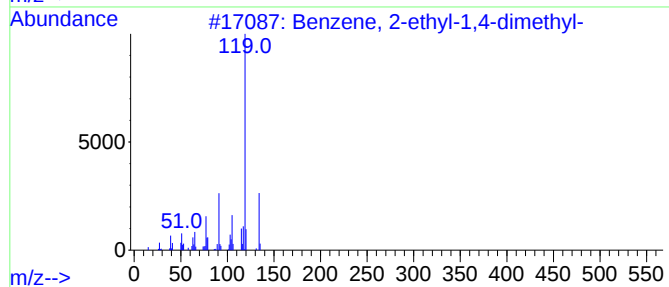
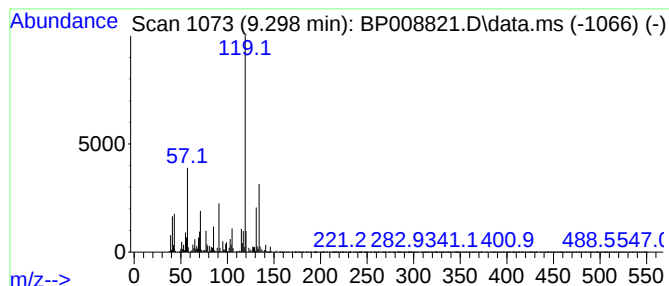
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	27.58 ng	5225830	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4			o-Cymene	134	C10H14	000527-84-4	92
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

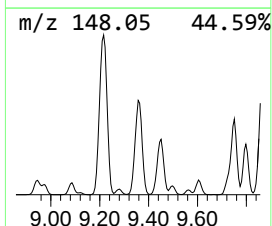
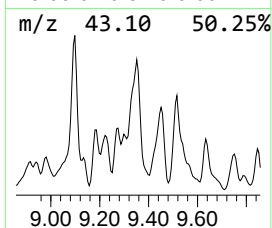
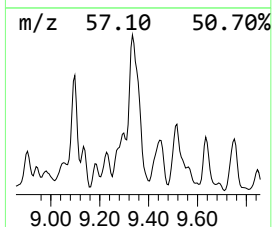
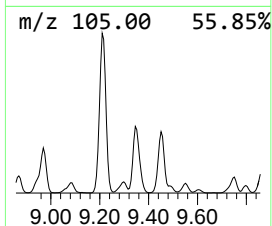
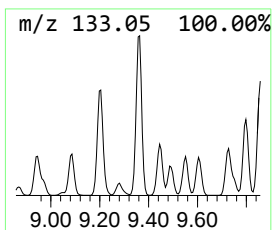
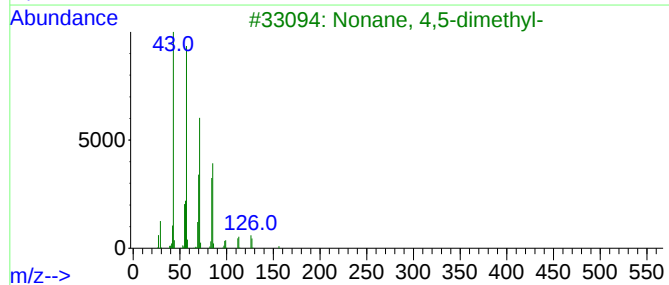
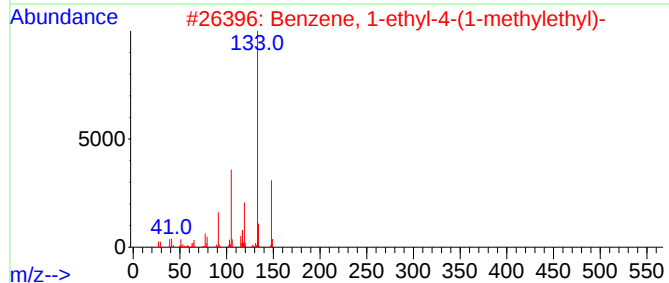
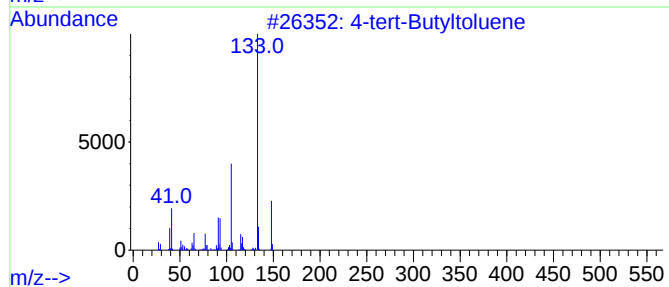
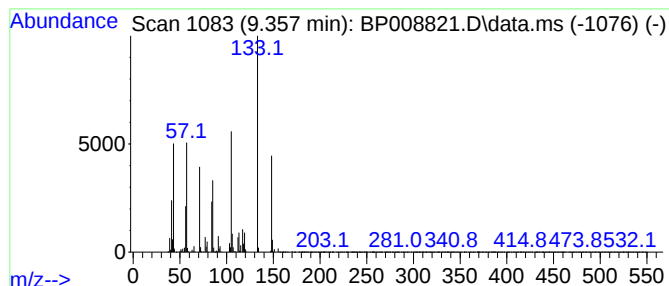
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.357 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	50.50 ng	9567830	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-tert-Butyltoluene	148	C11H16	000098-51-1	38
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	27
4			Oxalic acid, 6-ethyloct-3-yl pro...	272	C15H28O4	1000309-34-0	22
5			Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

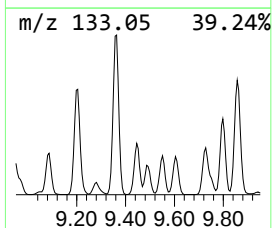
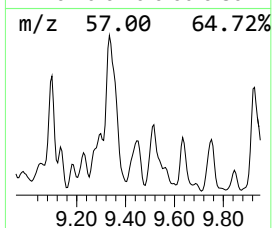
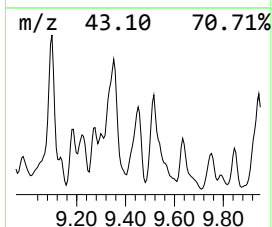
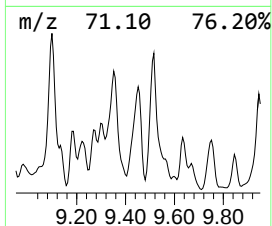
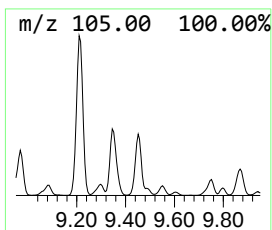
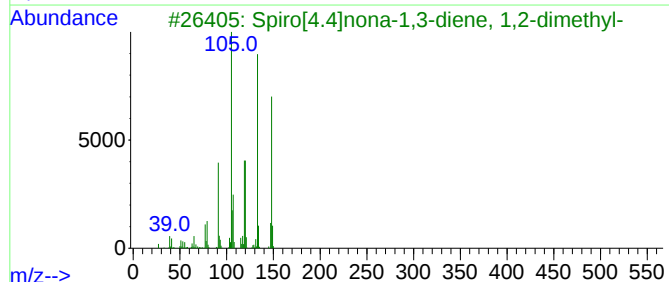
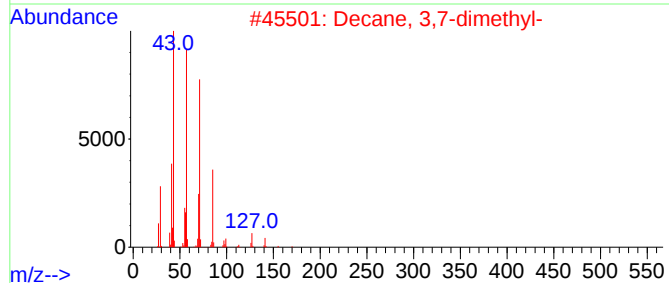
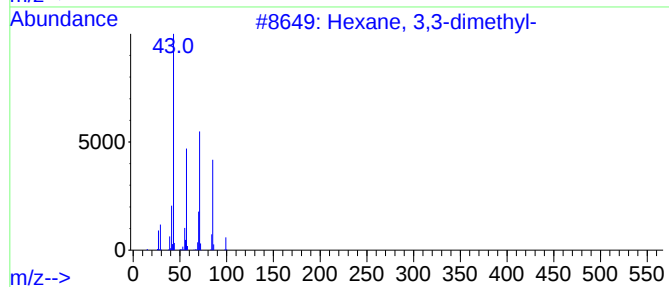
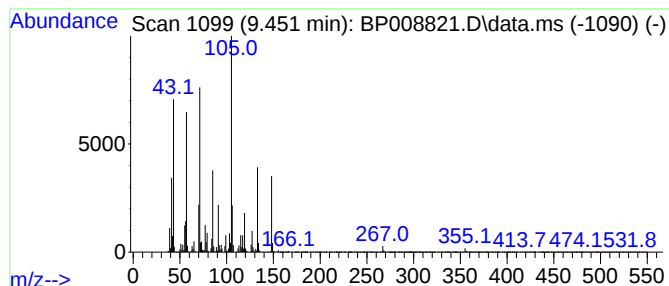
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown9.451 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	25.61 ng	4851790	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
2			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	43
3			Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	38
4			4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	35
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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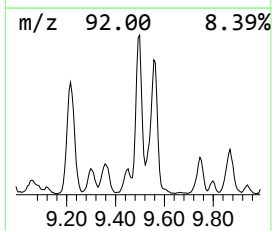
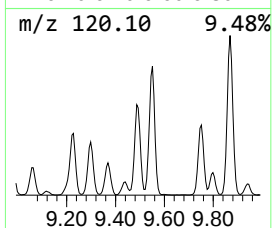
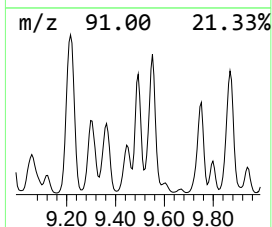
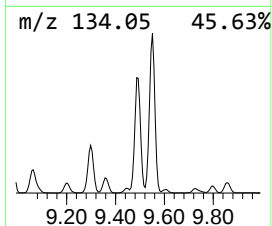
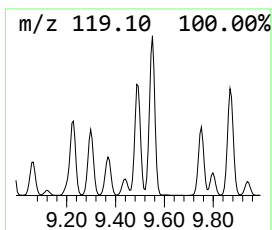
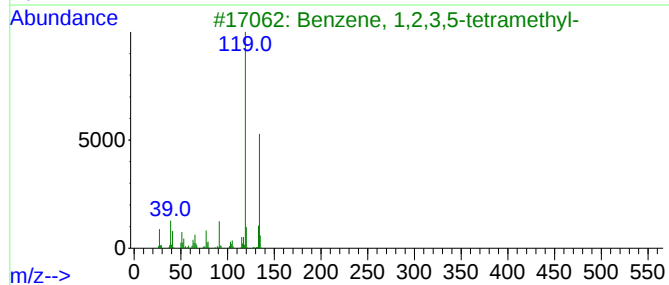
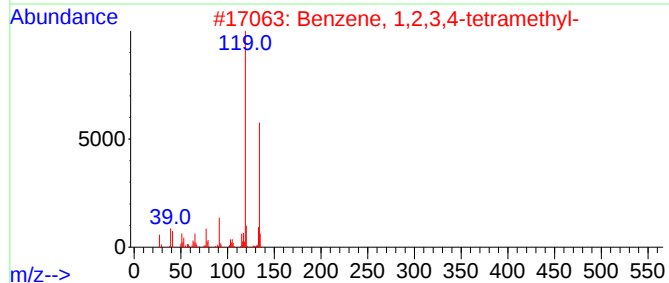
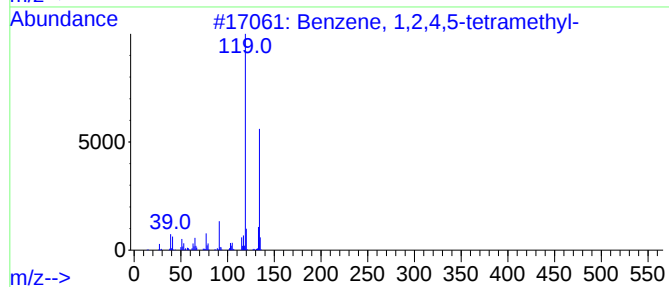
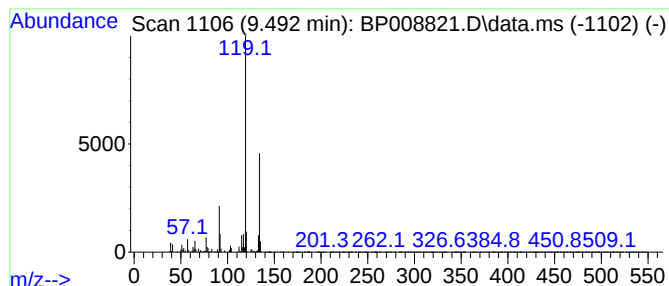
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	23.14 ng	4383770	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

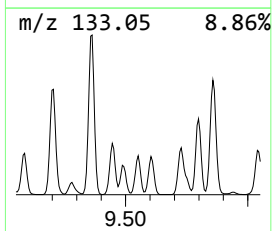
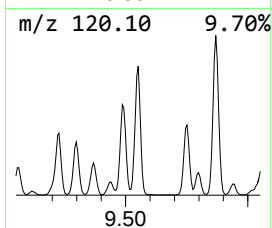
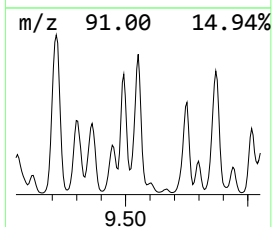
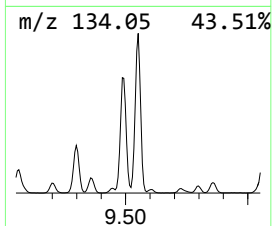
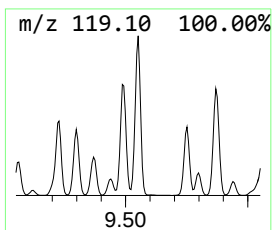
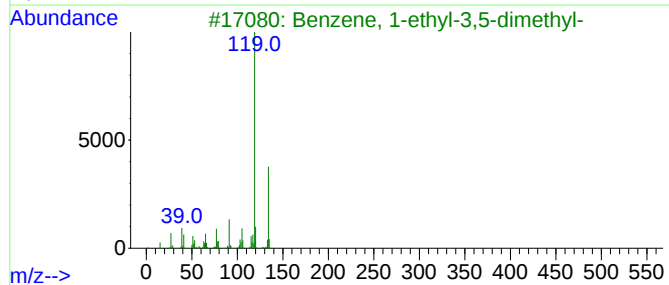
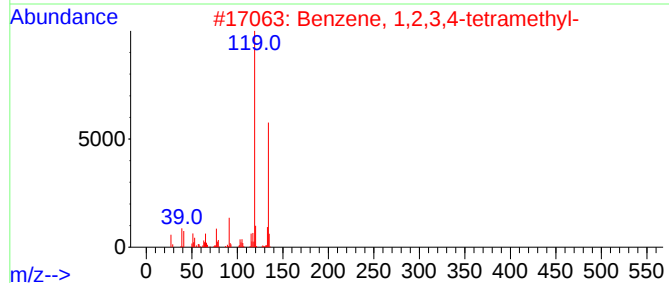
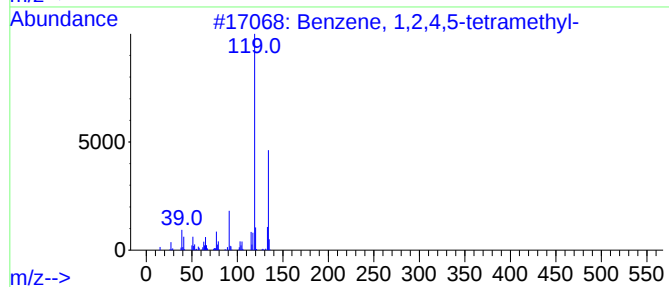
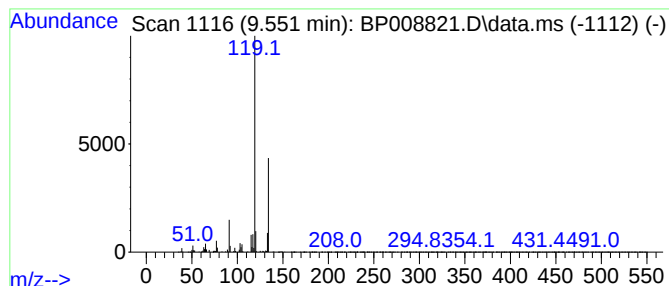
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	35.91 ng	6802840	Naphthalene-d8	10.657

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-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			o-Cymene	134	C10H14	000527-84-4	91
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

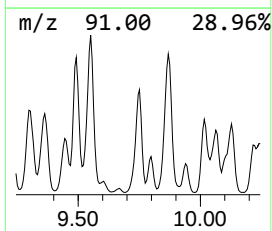
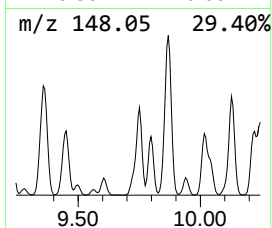
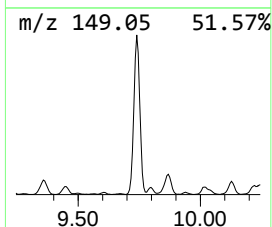
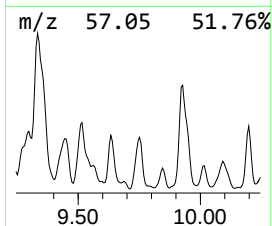
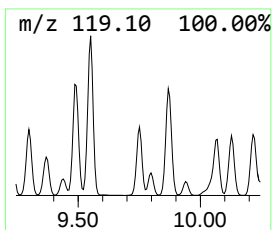
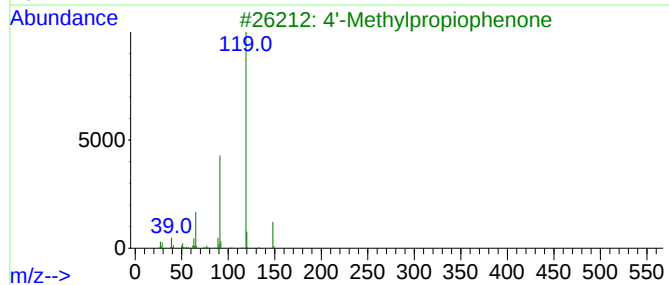
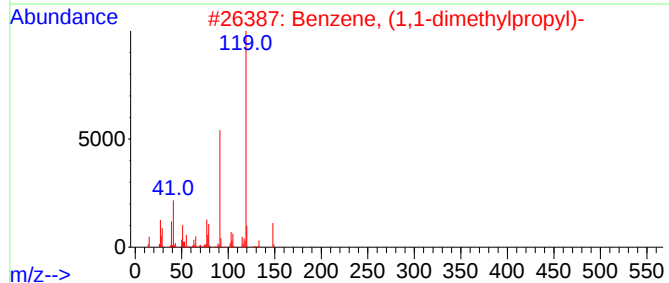
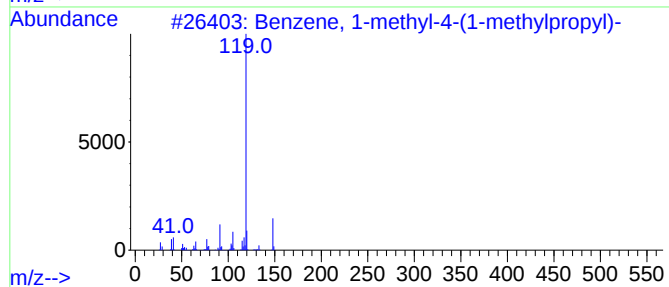
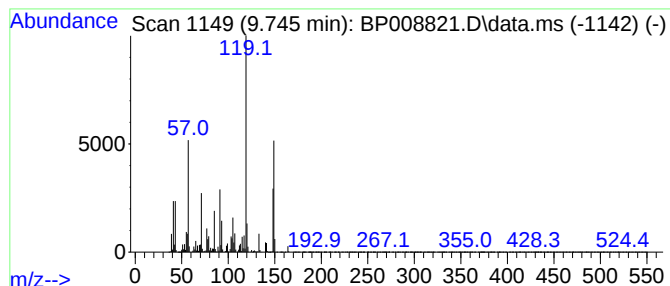
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.745 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	25.35 ng	4802890	Naphthalene-d8	10.657

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	55
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	49
3		4'-Methylpropiophenone	148	C10H12O	005337-93-9	43
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
5		o-Cymene	134	C10H14	000527-84-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

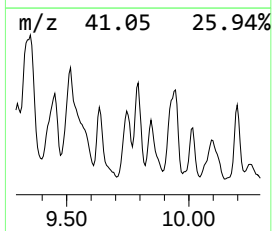
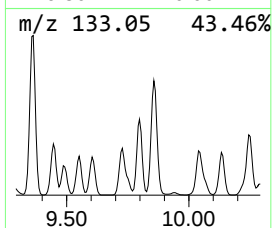
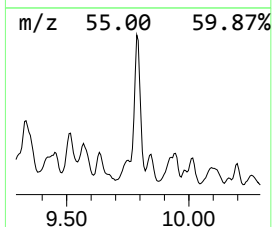
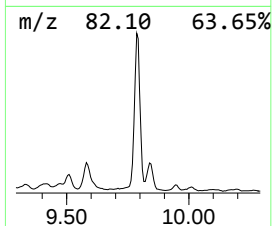
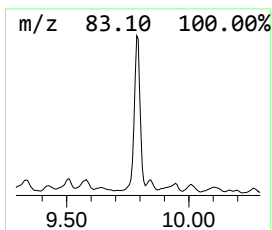
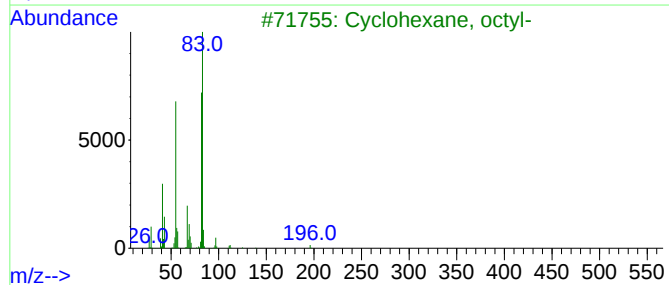
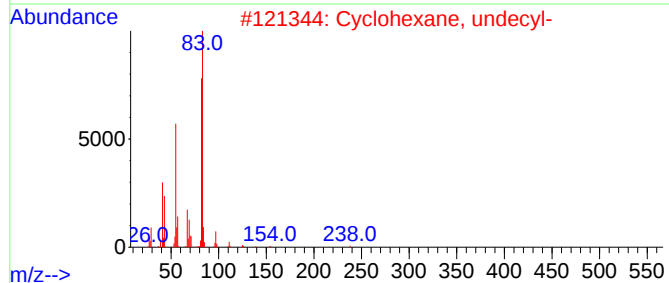
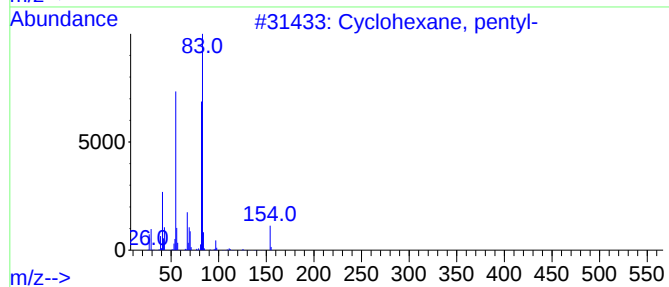
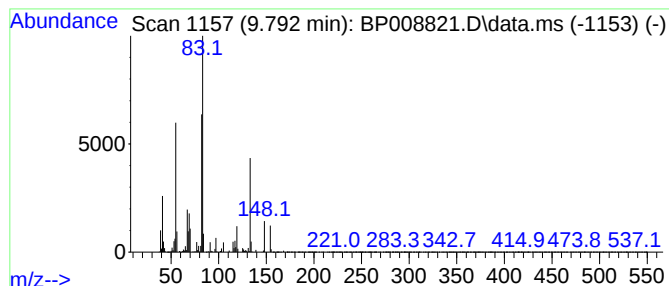
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	17.27 ng	3270830	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	92
2			Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	50
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

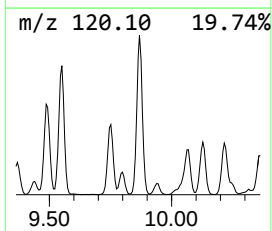
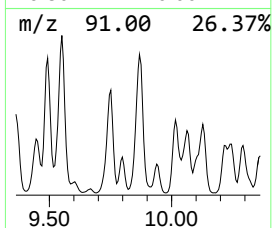
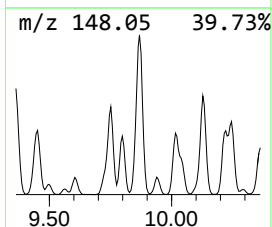
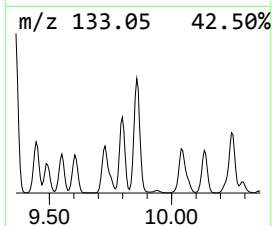
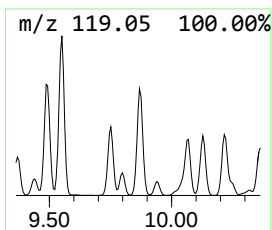
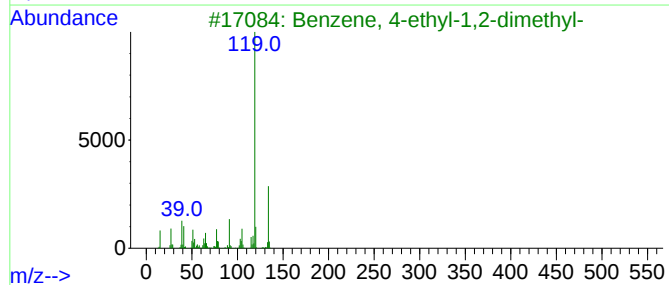
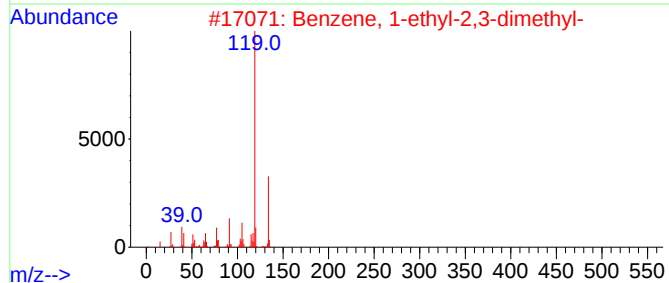
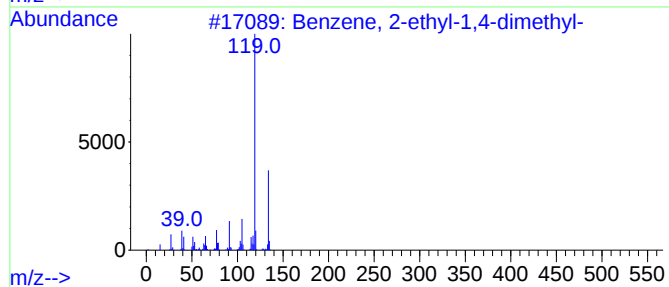
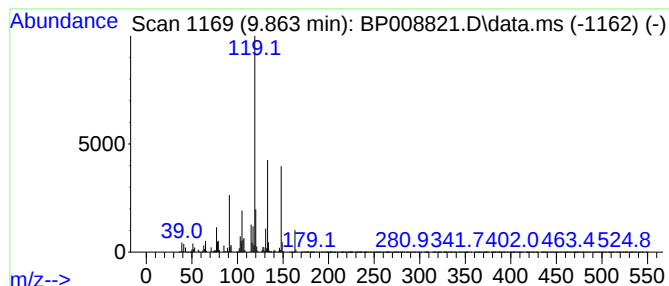
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	28.28 ng	5358210	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
4			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	42
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

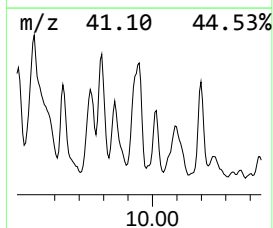
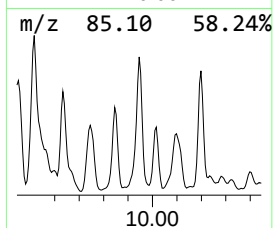
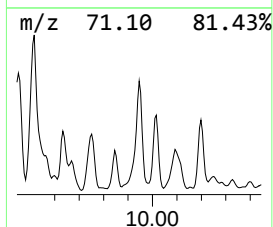
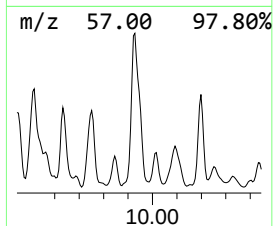
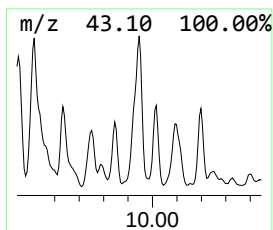
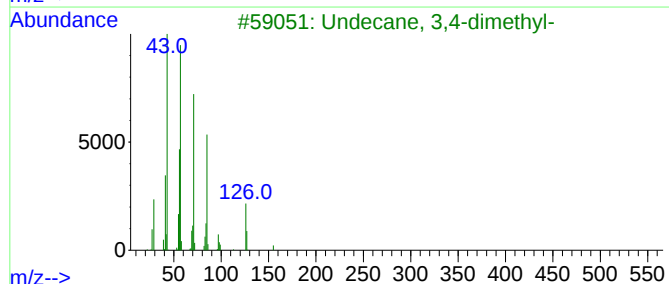
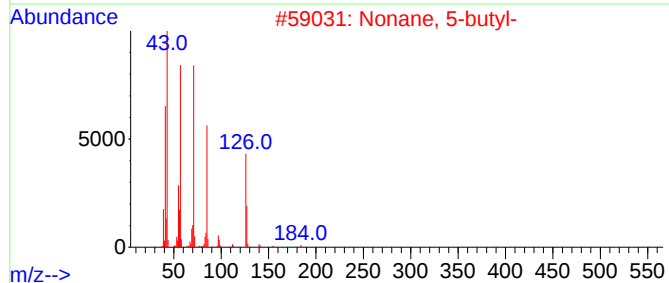
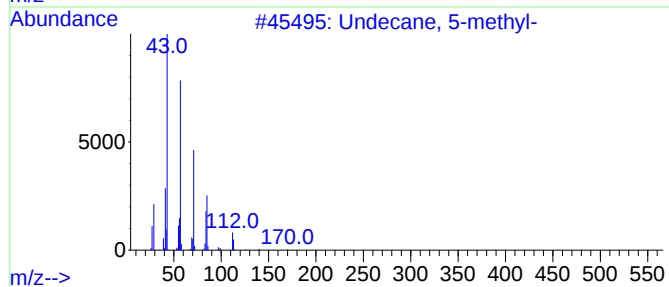
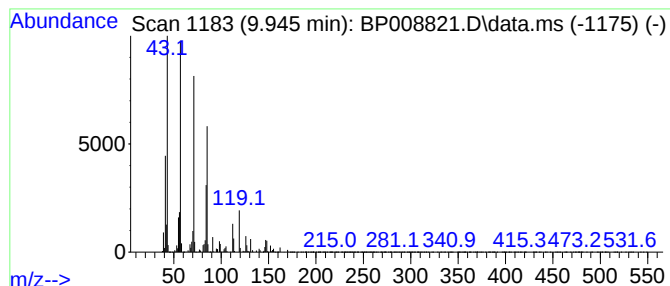
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	21.31 ng	4036610	Naphthalene-d8	10.657

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5-methyl-	170	C12H26	001632-70-8	70
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	58
3		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	53
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	50
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

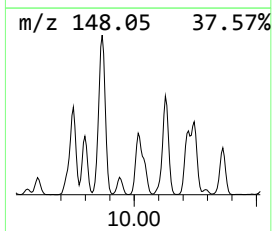
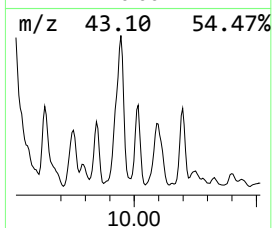
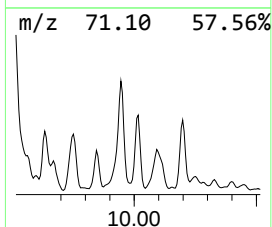
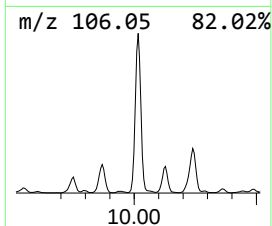
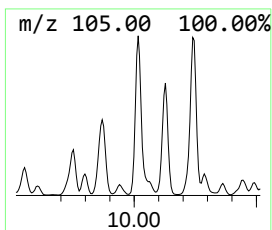
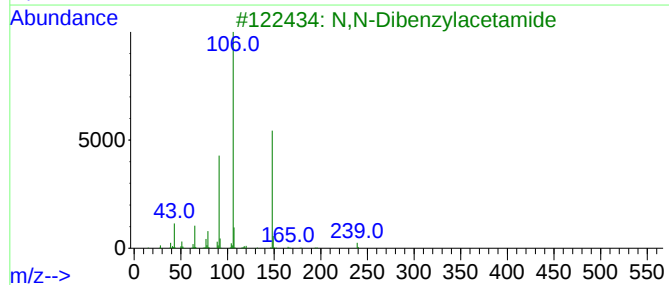
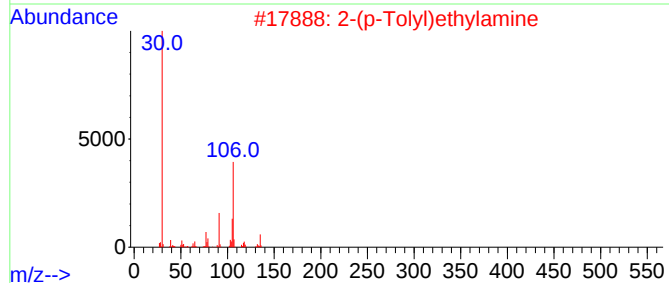
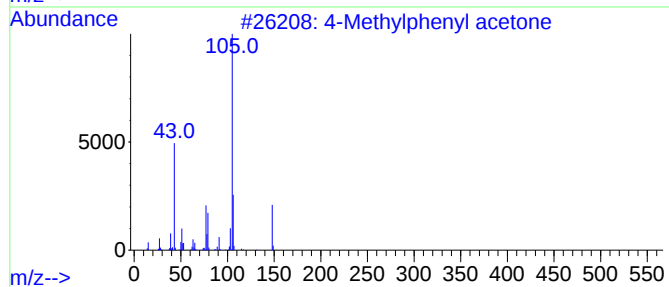
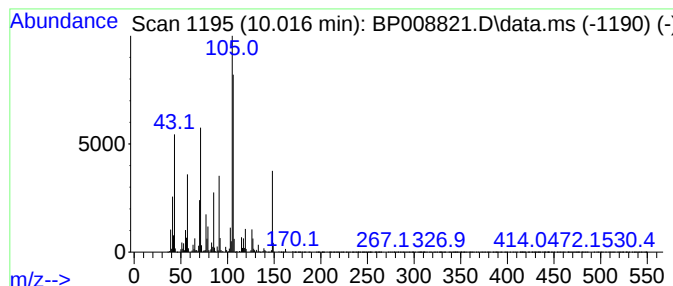
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BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.016 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	14.23 ng	2695430	Naphthalene-d8	10.657
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		4-Methylphenyl acetone	148 C10H12O	002096-86-8 35
2		2-(p-Tolyl)ethylamine	135 C9H13N	003261-62-9 35
3		N,N-Dibenzylacetamide	239 C16H17NO	010479-30-8 35
4		Benzene, (1,2,2-trimethylpropyl)-	162 C12H18	019262-20-5 35
5		2-Amino-2-phenylethyl benzoate	241 C15H15NO2	496871-35-3 22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

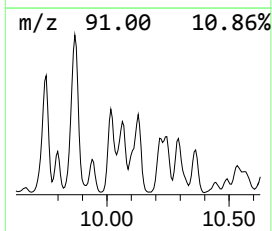
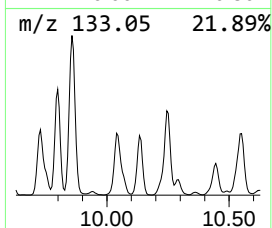
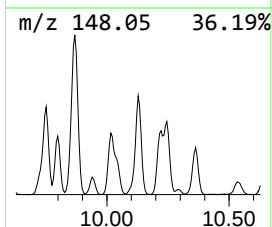
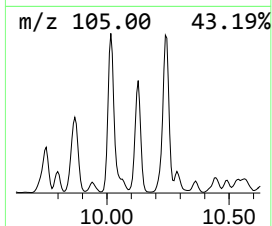
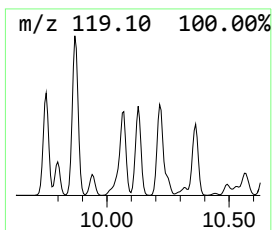
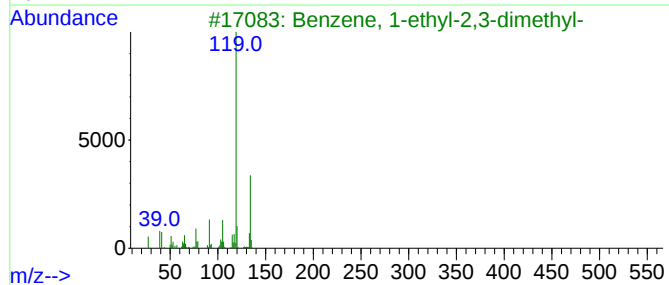
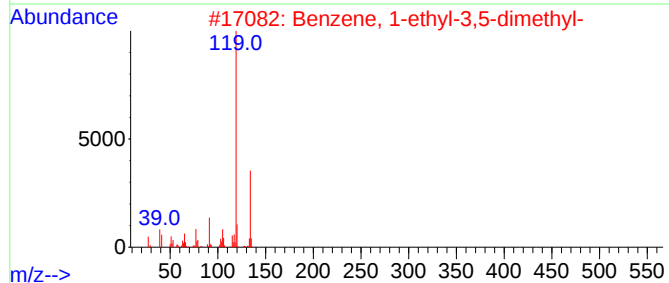
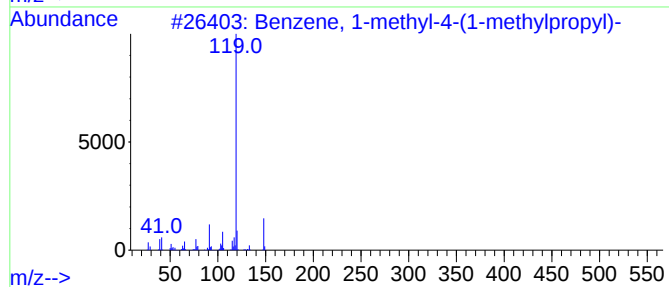
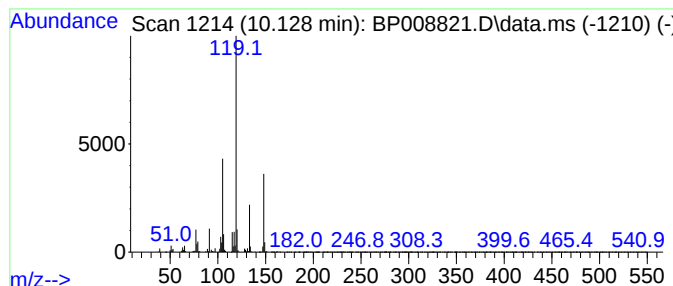
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	12.67 ng	2401170	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	59
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

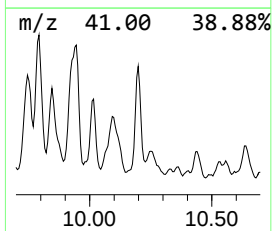
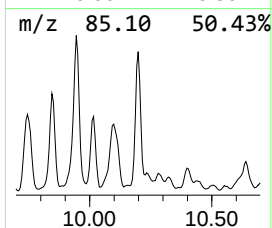
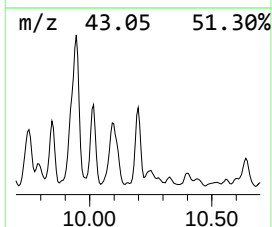
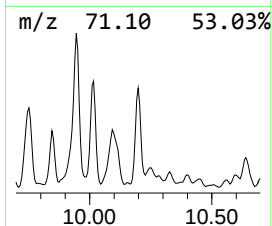
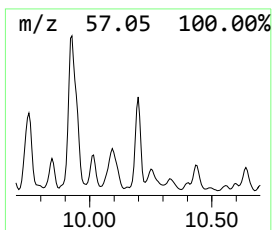
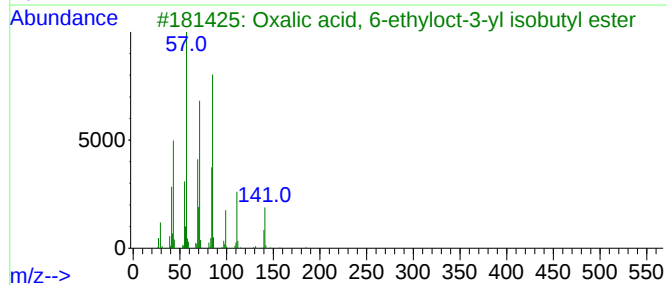
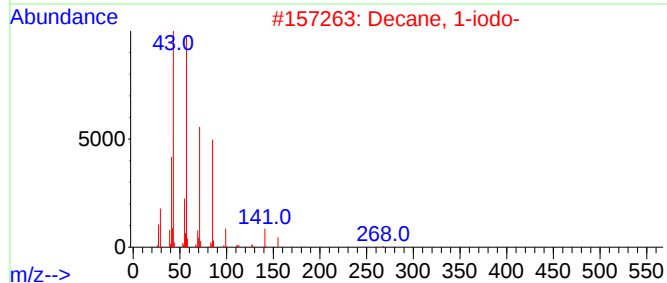
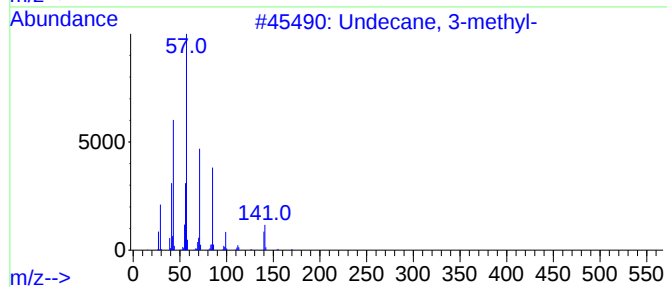
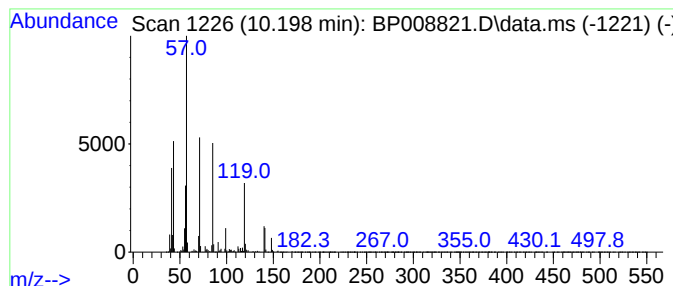
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	15.22 ng	2882920	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	81
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	53
3			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	50
4			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	50
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

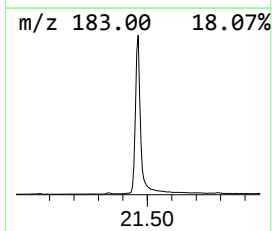
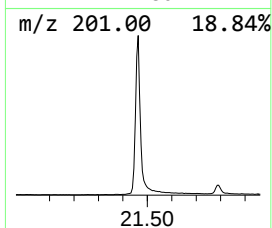
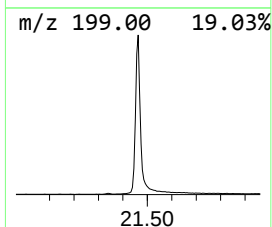
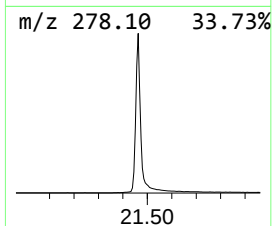
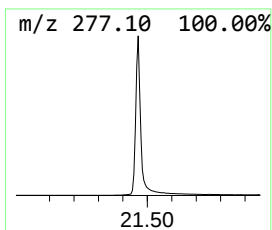
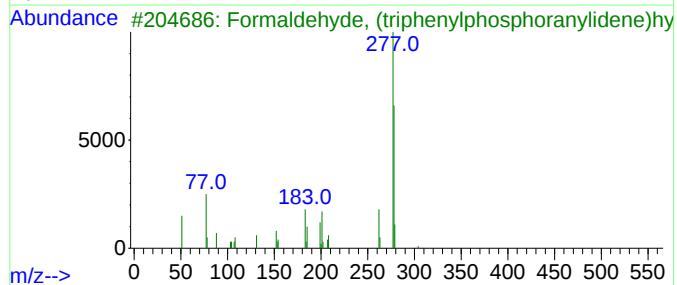
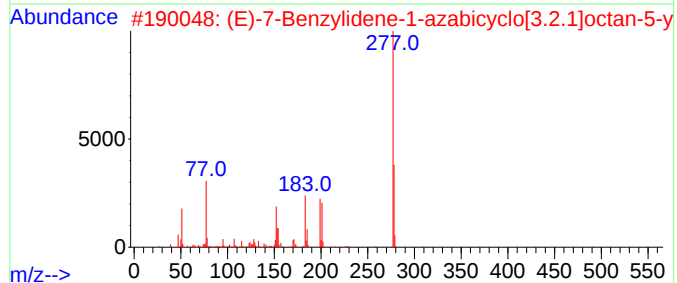
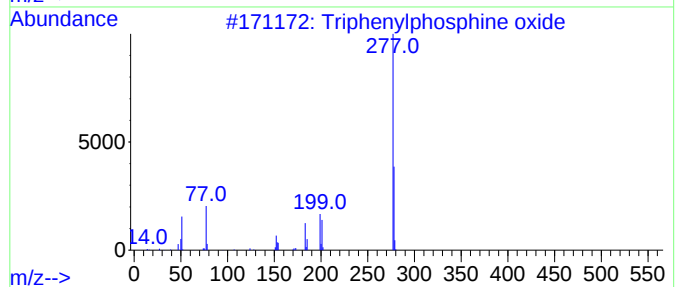
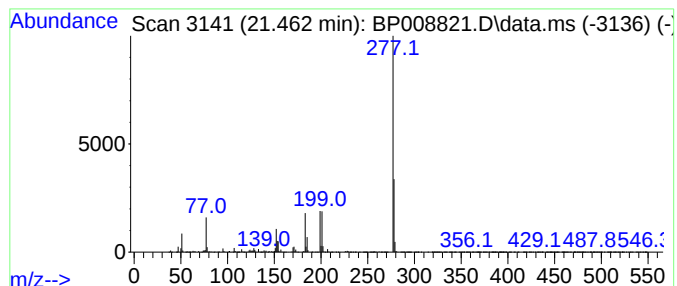
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.462	29.61 ng	7313170	Chrysene-d12	21.339

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42
4			2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	40
5			3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011722\
Data File : BP008821.D
Acq On : 17 Jan 2022 13:41
Operator : CG/JU
Sample : N1143-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WEST-BOILER-ROOM-WEST-SIDEWALL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.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
Octane, 2,6-dim...	6.422	11.5	ng	10067900	1	7.857	17529200	20.0
Heptane, 2,3,4-...	6.863	17.3	ng	15126100	1	7.857	17529200	20.0
Benzene, 1,2,3-...	7.510	23.7	ng	20736400	1	7.857	17529200	20.0
Cyclohexane, bu...	8.151	18.5	ng	16242900	1	7.857	17529200	20.0
Benzene, 1-meth...	8.404	20.4	ng	17887500	1	7.857	17529200	20.0
Benzene, 4-ethy...	8.504	17.8	ng	15626900	1	7.857	17529200	20.0
o-Cymene	9.222	15.7	ng	13777100	1	7.857	17529200	20.0
Benzene, 2-ethy...	9.298	27.6	ng	5225830	2	10.657	3788900	20.0
unknown9.357	9.357	50.5	ng	9567830	2	10.657	3788900	20.0
unknown9.451	9.451	25.6	ng	4851790	2	10.657	3788900	20.0
Benzene, 1,2,3,...	9.492	23.1	ng	4383770	2	10.657	3788900	20.0
Benzene, 1,2,4,...	9.551	35.9	ng	6802840	2	10.657	3788900	20.0
unknown9.745	9.745	25.4	ng	4802890	2	10.657	3788900	20.0
Cyclohexane, pe...	9.792	17.3	ng	3270830	2	10.657	3788900	20.0
Benzene, 1-ethy...	9.863	28.3	ng	5358210	2	10.657	3788900	20.0
Undecane, 5-met...	9.945	21.3	ng	4036610	2	10.657	3788900	20.0
unknown10.016	10.016	14.2	ng	2695430	2	10.657	3788900	20.0
Benzene, 1-meth...	10.128	12.7	ng	2401170	2	10.657	3788900	20.0
Undecane, 3-met...	10.198	15.2	ng	2882920	2	10.657	3788900	20.0
Triphenylphosph...	21.462	29.6	ng	7313170	5	21.339	4940390	20.0