

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009390.D
 Acq On : 14 Mar 2022 19:40
 Operator : CG/JU
 Sample : N1905-13 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 2

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-3

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-BP030522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	380	391	398	rBV3	83885	218522	2.58%	0.166%
2	5.422	406	414	420	rBV	720593	1245969	14.74%	0.946%
3	5.475	420	423	441	rVB2	73307	266174	3.15%	0.202%
4	5.711	457	463	471	rBV3	87575	210510	2.49%	0.160%
5	5.793	471	477	481	rVV2	137273	268843	3.18%	0.204%
6	5.852	481	487	495	rVB3	206837	413317	4.89%	0.314%
7	6.111	522	531	538	rBV3	200778	523320	6.19%	0.397%
8	6.228	543	551	560	rVB4	104356	262817	3.11%	0.200%
9	6.322	560	567	574	rBV6	214905	500710	5.92%	0.380%
10	6.393	574	579	583	rVV	293582	473526	5.60%	0.360%
11	6.469	583	592	595	rVV2	292244	696303	8.24%	0.529%
12	6.499	595	597	604	rVB2	217138	345016	4.08%	0.262%
13	6.646	617	622	628	rVB4	102682	203563	2.41%	0.155%
14	6.728	628	636	642	rBV4	149821	384496	4.55%	0.292%
15	6.822	642	652	658	rBV4	268341	709100	8.39%	0.539%
16	6.969	672	677	680	rBV2	439193	866162	10.24%	0.658%
17	7.011	680	684	689	rVB	516125	912502	10.79%	0.693%
18	7.152	704	708	713	rVB4	103674	189152	2.24%	0.144%
19	7.211	713	718	722	rBV2	244241	385666	4.56%	0.293%
20	7.311	727	735	744	rVV3	245864	858669	10.16%	0.652%
21	7.387	744	748	755	rVV6	175567	465520	5.51%	0.354%
22	7.469	755	762	771	rVV2	568225	1309917	15.49%	0.995%
23	7.546	772	775	780	rVB3	118819	194711	2.30%	0.148%
24	7.646	786	792	800	rBV7	141613	364222	4.31%	0.277%
25	7.752	801	810	814	rBV4	240119	758385	8.97%	0.576%
26	7.810	814	820	827	rVV2	2012094	3711798	43.90%	2.819%
27	7.893	830	834	838	rVV5	157804	304017	3.60%	0.231%
28	7.940	838	842	848	rVV3	202371	443032	5.24%	0.336%
29	8.016	850	855	859	rVV3	310118	513003	6.07%	0.390%
30	8.110	863	871	878	rVB4	393763	1017030	12.03%	0.772%
31	8.175	878	882	889	rVB4	191178	353173	4.18%	0.268%
32	8.269	893	898	902	rBV3	144531	250713	2.97%	0.190%
33	8.375	902	916	921	rBV5	509566	1436657	16.99%	1.091%
34	8.457	926	930	934	rBV3	246891	413199	4.89%	0.314%
35	8.593	948	953	956	rBV3	294662	532014	6.29%	0.404%
36	8.646	959	962	967	rVB	305398	510614	6.04%	0.388%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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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-BP030522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.822	989	992	999	rVB2	236574	407564	4.82%	0.310%
38	8.928	999	1010	1014	rBV3	896105	2420853	28.63%	1.839%
39	8.969	1014	1017	1021	rVV	490268	824809	9.76%	0.626%
40	9.022	1023	1026	1028	rVV3	280847	427813	5.06%	0.325%
41	9.057	1028	1032	1042	rVB	697971	1580831	18.70%	1.201%
42	9.175	1042	1052	1059	rBV6	672887	2119322	25.07%	1.610%
43	9.263	1059	1067	1068	rBV3	297908	647168	7.65%	0.492%
44	9.475	1099	1103	1106	rBV2	375851	584053	6.91%	0.444%
45	9.540	1110	1114	1120	rVB2	720474	1265733	14.97%	0.961%
46	9.752	1146	1150	1154	rBV2	353636	498805	5.90%	0.379%
47	9.799	1154	1158	1167	rVB8	1029008	2078108	24.58%	1.578%
48	9.899	1167	1175	1180	rBV4	347876	877334	10.38%	0.666%
49	9.975	1184	1188	1192	rBV2	330572	460779	5.45%	0.350%
50	10.022	1192	1196	1199	rBV2	294940	479507	5.67%	0.364%
51	10.057	1199	1202	1204	rBV3	218656	290914	3.44%	0.221%
52	10.163	1216	1220	1224	rBV2	256710	462370	5.47%	0.351%
53	10.216	1225	1229	1239	rVB7	429013	1135372	13.43%	0.862%
54	10.322	1243	1247	1250	rBV2	322427	514732	6.09%	0.391%
55	10.487	1271	1275	1278	rBV4	356374	580707	6.87%	0.441%
56	10.528	1279	1282	1286	rVV3	302199	426942	5.05%	0.324%
57	10.610	1288	1296	1303	rVV2	3054355	6706035	79.31%	5.093%
58	10.746	1315	1319	1322	rVB5	389521	599170	7.09%	0.455%
59	10.793	1322	1327	1332	rBV	2037326	3222280	38.11%	2.447%
60	10.916	1345	1348	1354	rVB3	495966	853503	10.09%	0.648%
61	11.028	1363	1367	1377	rBV7	394846	811387	9.60%	0.616%
62	11.122	1378	1383	1391	rVB2	946171	1612177	19.07%	1.225%
63	11.328	1409	1418	1423	rVB6	797522	2245786	26.56%	1.706%
64	11.469	1437	1442	1448	rBV9	426613	1050433	12.42%	0.798%
65	11.663	1469	1475	1484	rBV2	2365195	5812079	68.74%	4.414%
66	11.816	1496	1501	1508	rVB2	579437	955321	11.30%	0.726%
67	11.916	1514	1518	1522	rBV2	735727	1069719	12.65%	0.812%
68	12.057	1535	1542	1553	rBV5	1352957	3913813	46.29%	2.973%
69	12.275	1576	1579	1587	rVB	1713772	3005758	35.55%	2.283%
70	12.363	1589	1594	1600	rBV8	520250	1376520	16.28%	1.046%
71	12.422	1601	1604	1606	rBV3	366904	452295	5.35%	0.344%
72	12.498	1613	1617	1621	rBV2	649712	1075893	12.72%	0.817%
73	12.881	1678	1682	1683	rBV2	382942	568632	6.73%	0.432%
74	12.963	1692	1696	1700	rBV4	675604	1325765	15.68%	1.007%
75	13.010	1700	1704	1709	rVV2	2668589	4329803	51.21%	3.289%
76	13.075	1711	1715	1724	rVB	1580852	2766136	32.72%	2.101%

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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	13.393	1766	1769	1774	rVB3	794427	1105595	13.08%	0.840%
78	13.887	1849	1853	1857	rVB2	1125587	1626874	19.24%	1.236%
79	13.963	1861	1866	1870	rVV2	2790756	4442312	52.54%	3.374%
80	14.010	1870	1874	1878	rVB4	819166	1523496	18.02%	1.157%
81	14.175	1899	1902	1906	rBV4	710260	1194371	14.13%	0.907%
82	14.298	1920	1923	1931	rVB3	1334417	2741368	32.42%	2.082%
83	14.375	1932	1936	1941	rBV4	934959	1587403	18.77%	1.206%
84	14.457	1943	1950	1963	rVB3	3008608	7603055	89.92%	5.775%
85	14.998	2039	2042	2049	rVB4	1592013	2458922	29.08%	1.868%
86	15.739	2163	2168	2174	rVB2	2600990	4780361	56.54%	3.631%
87	16.228	2243	2251	2261	rVB	4372556	8455029	100.00%	6.422%
88	17.051	2387	2391	2403	rVB	3255463	5866678	69.39%	4.456%
89	17.222	2416	2420	2425	rBV	2492641	3925302	46.43%	2.981%

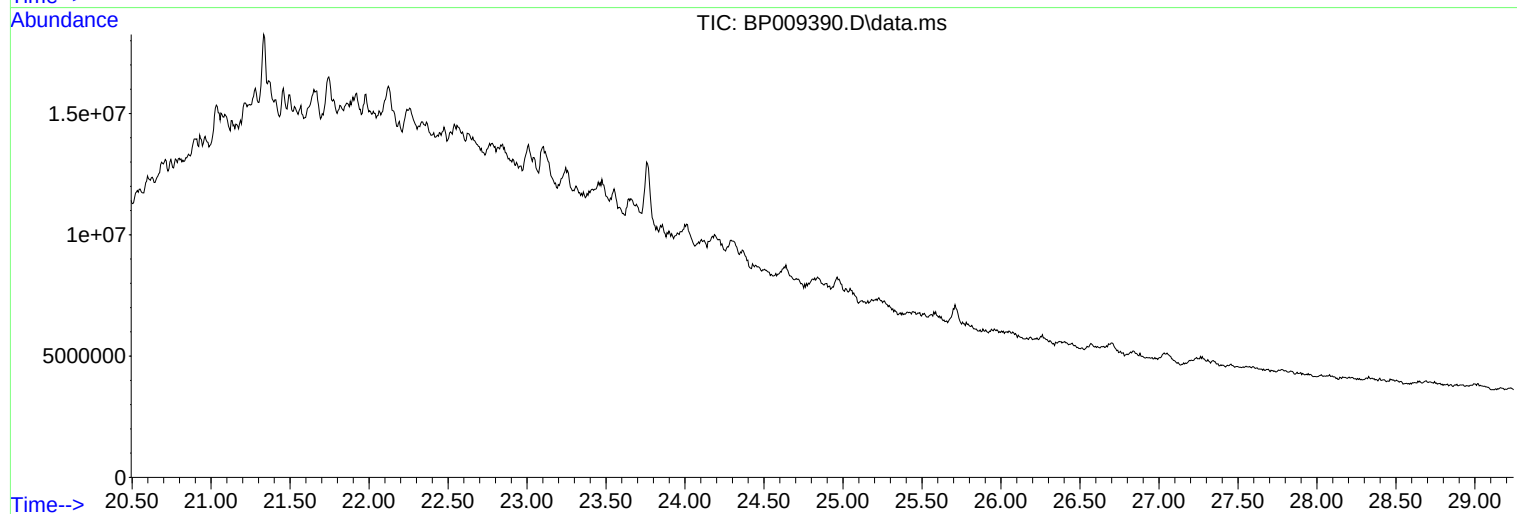
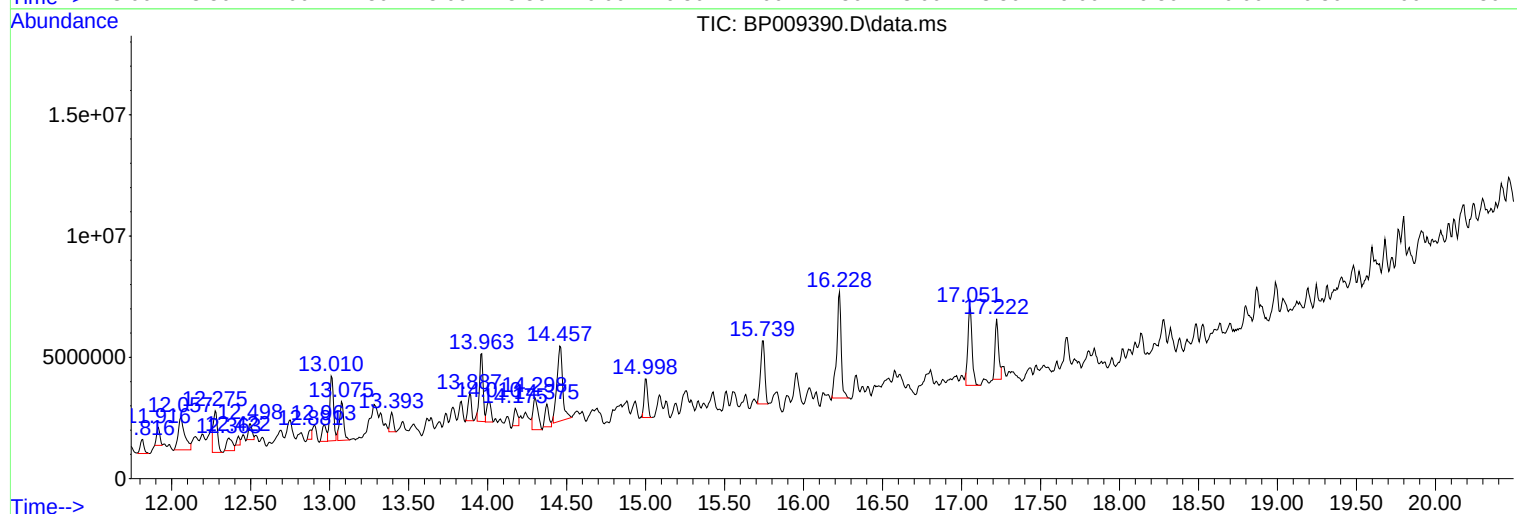
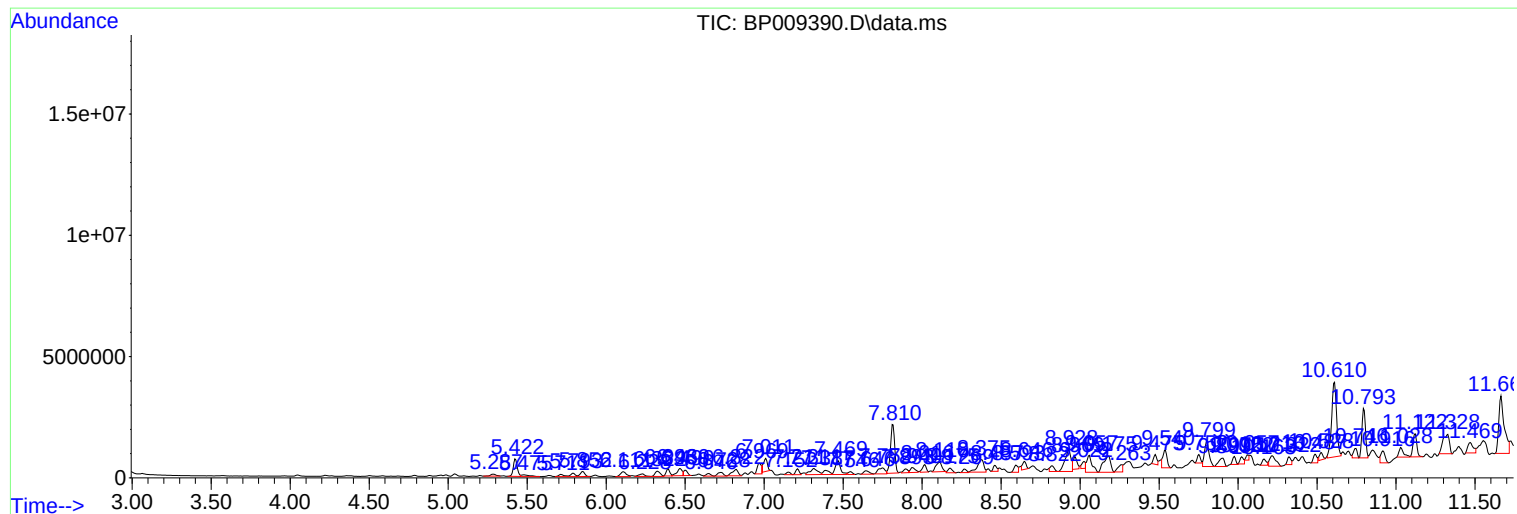
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BNA_P
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WC-14A-1A-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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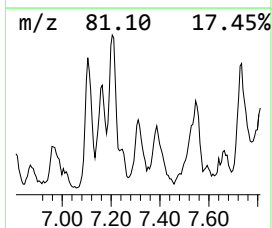
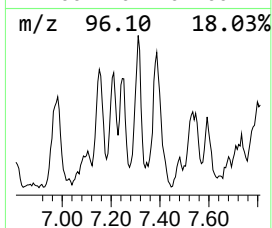
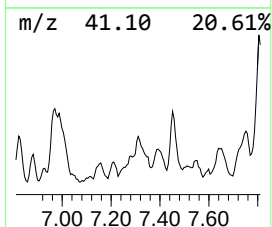
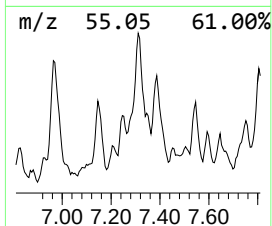
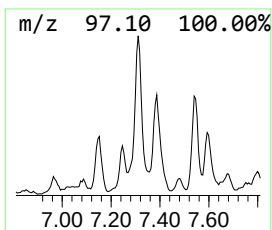
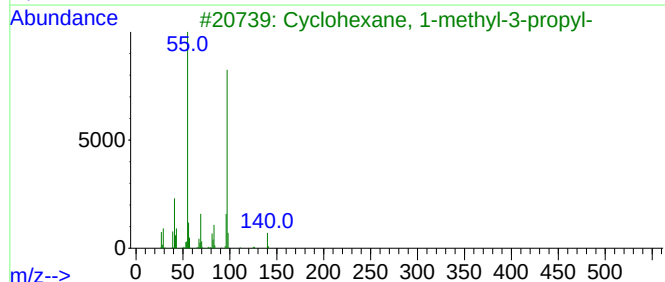
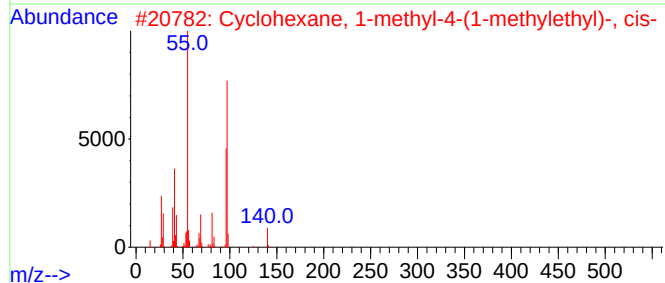
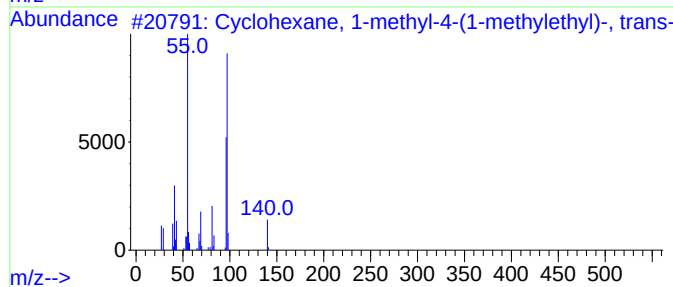
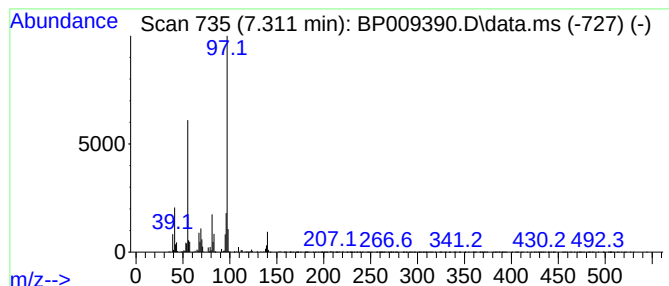
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.311	4.63 ng	858669	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	83
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	83
3			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	78
4			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	72
5			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72



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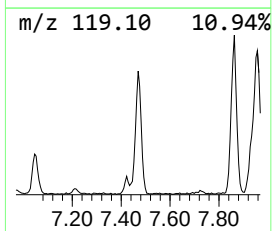
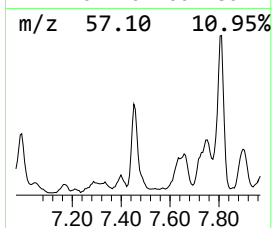
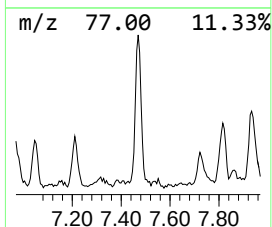
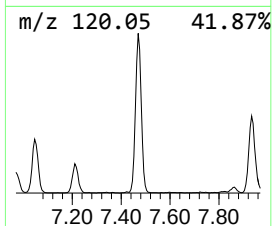
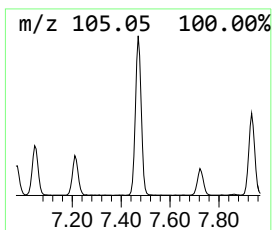
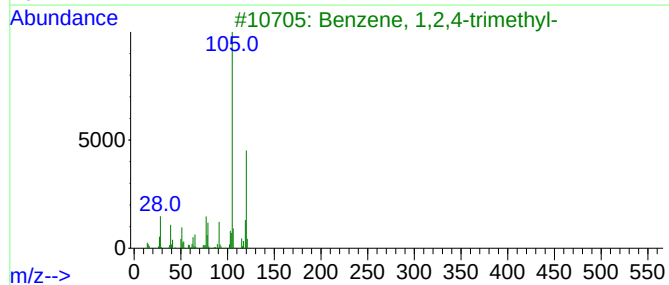
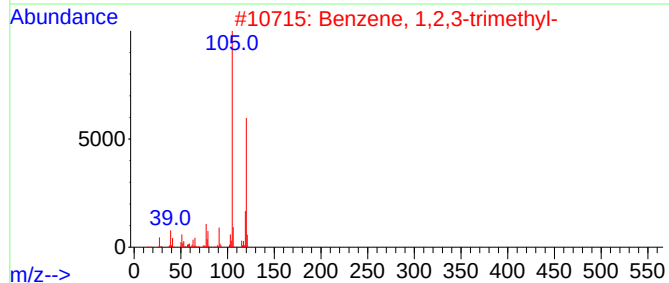
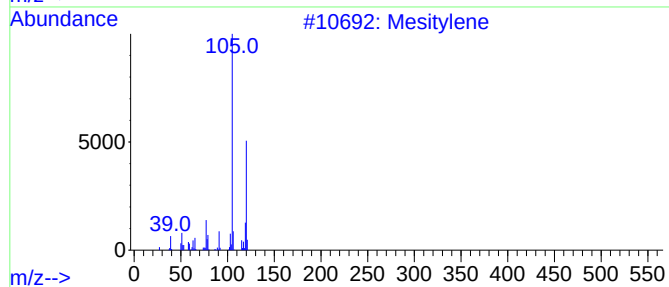
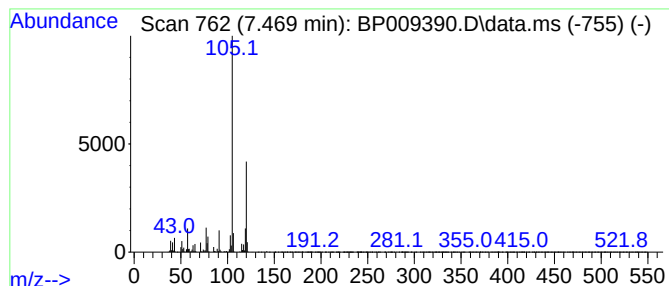
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.469	7.06 ng	1309920	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



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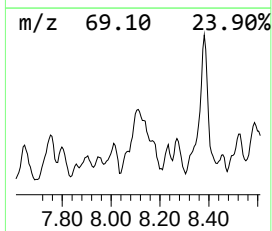
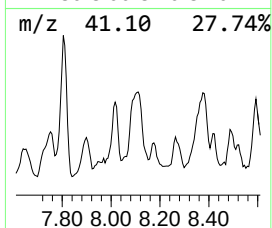
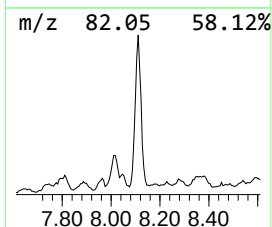
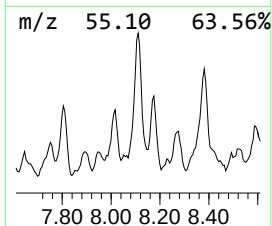
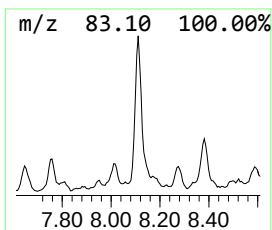
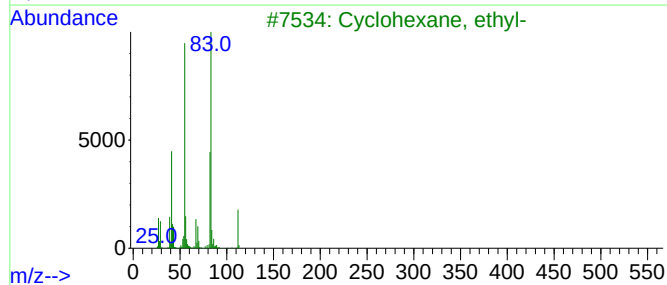
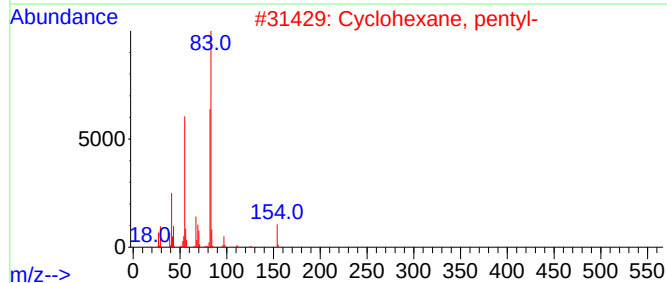
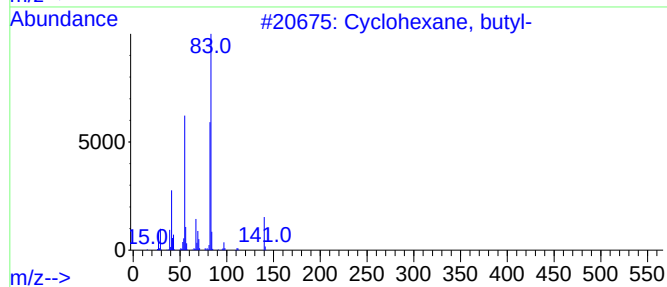
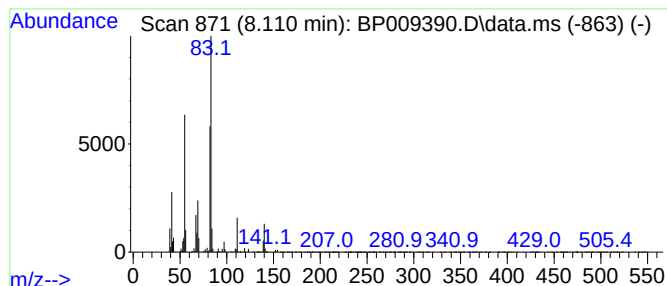
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.110	5.48 ng	1017030	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	72



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Acq On : 14 Mar 2022 19:40
Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

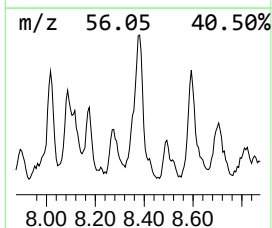
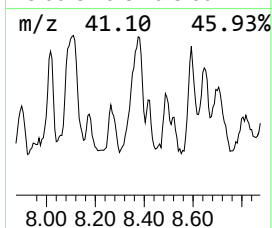
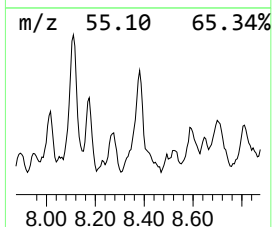
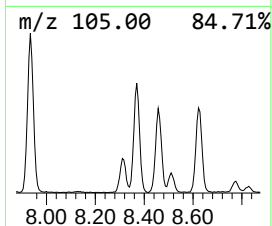
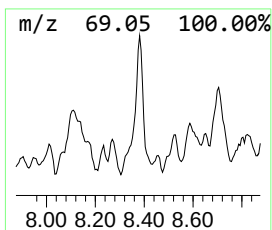
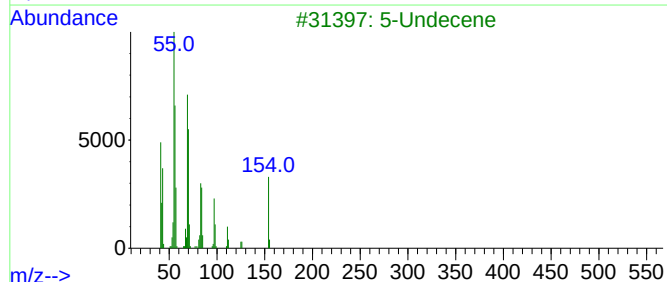
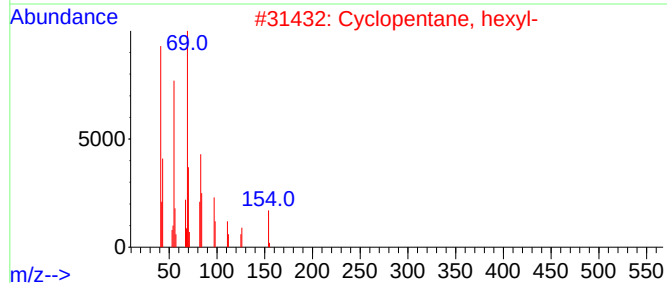
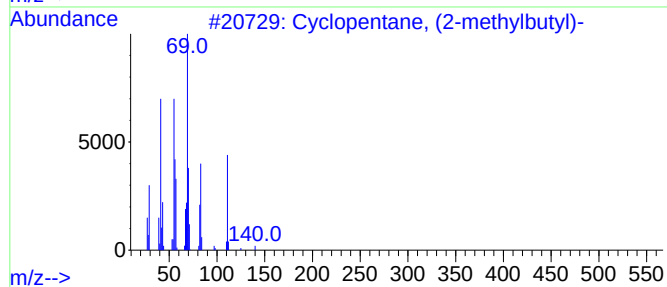
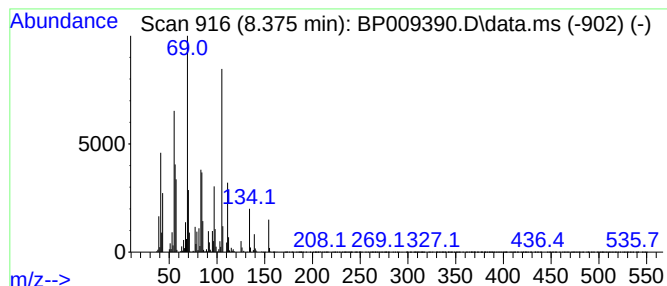
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopentane, (2-methylbutyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.375	7.74 ng	1436660	1,4-Dichlorobenzene-d4	7.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	83
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	53
3	5-Undecene	154	C11H22	004941-53-1	43
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	38
5	4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

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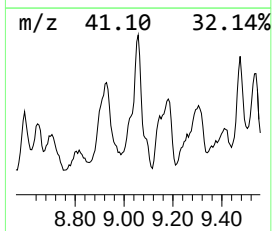
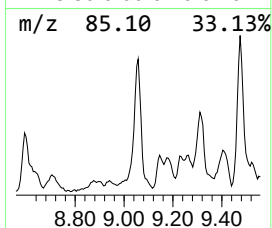
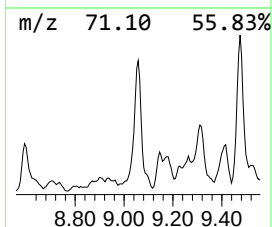
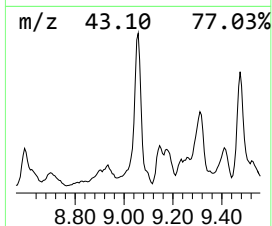
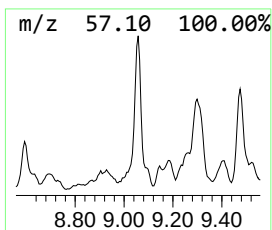
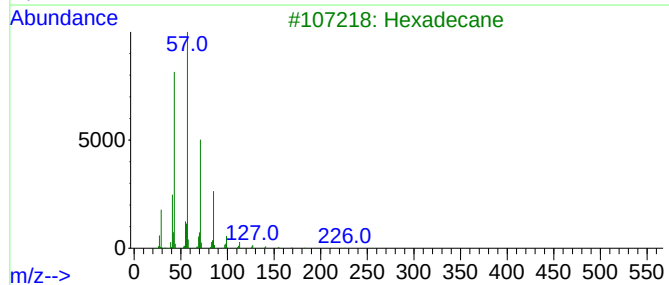
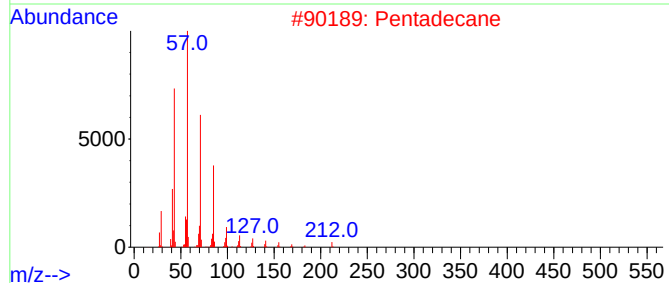
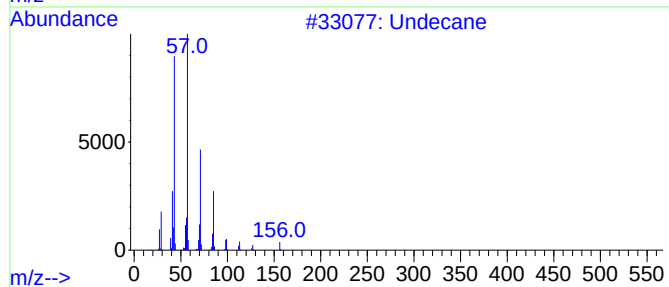
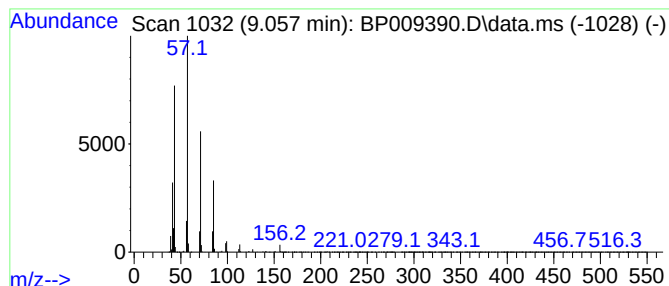
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	8.52 ng	1580830	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Pentadecane			212	C15H32	000629-62-9	90
3	Hexadecane			226	C16H34	000544-76-3	80
4	Sulfurous acid, 2-ethylhexyl iso...			278	C14H30O3S	1000309-19-0	59
5	Dodecane, 3-methyl-			184	C13H28	017312-57-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

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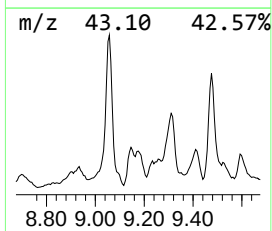
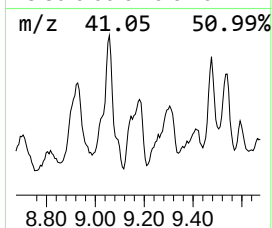
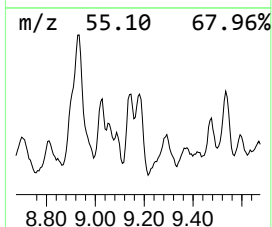
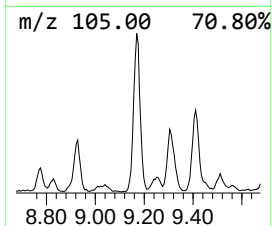
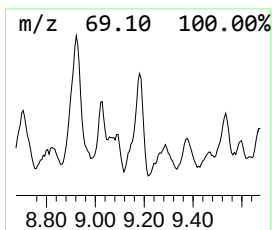
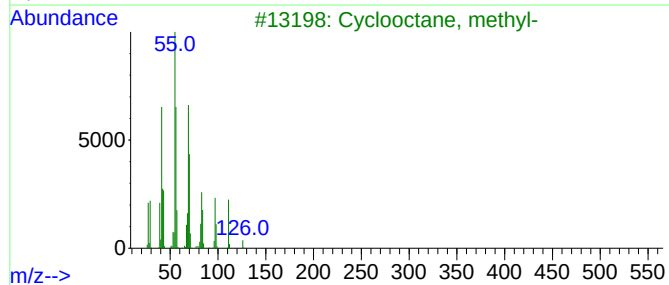
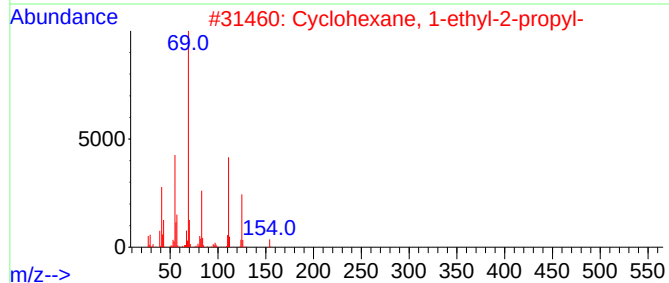
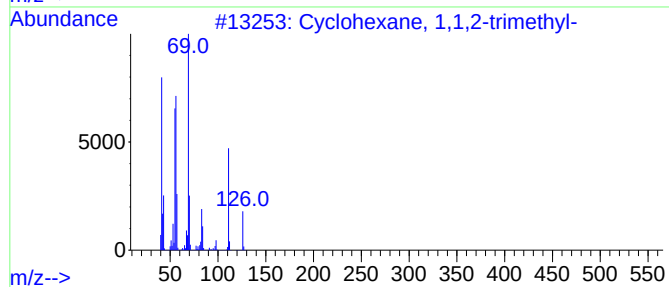
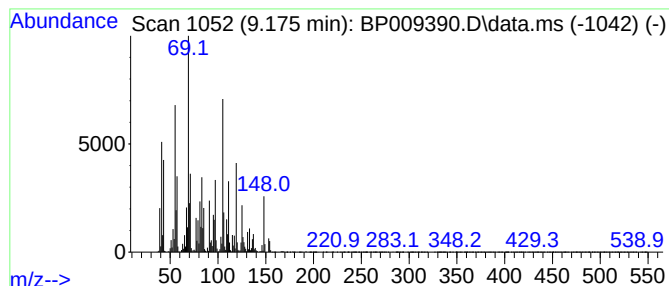
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.175 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	11.42 ng	2119320	1,4-Dichlorobenzene-d4	7.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
2		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
3		Cyclooctane, methyl-	126	C9H18	001502-38-1	35
4		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	27
5		Acetic acid, trifluoro-, 1-methy...	154	C5H5F3O2	000400-39-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 2

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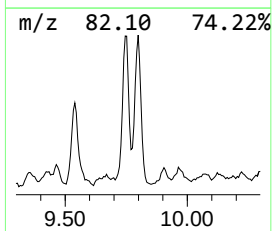
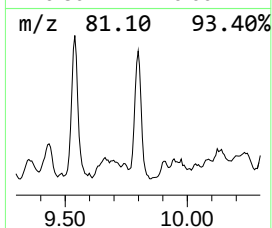
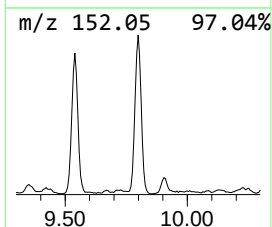
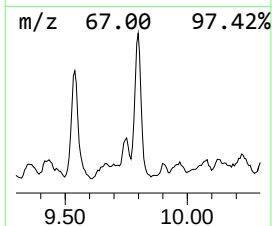
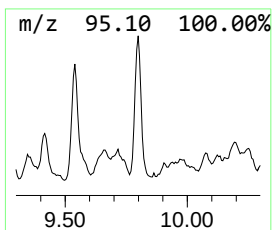
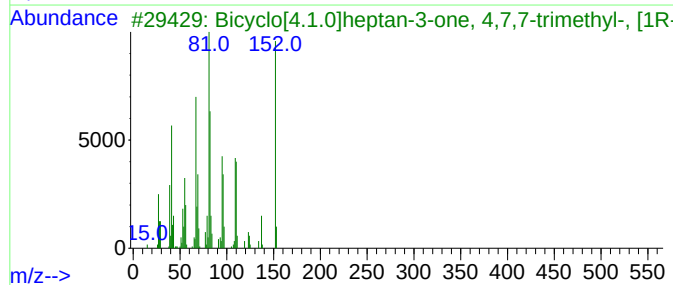
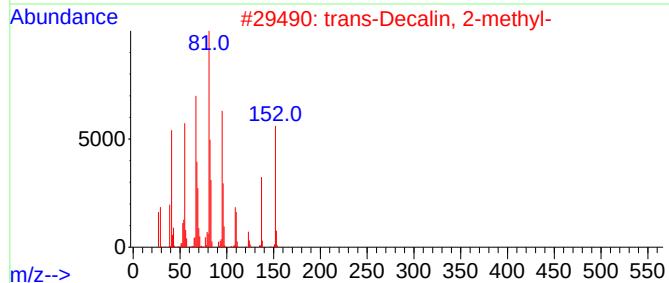
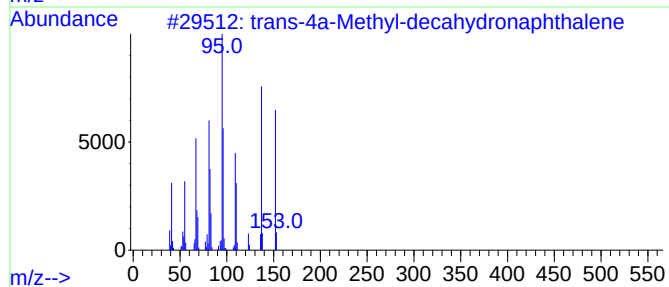
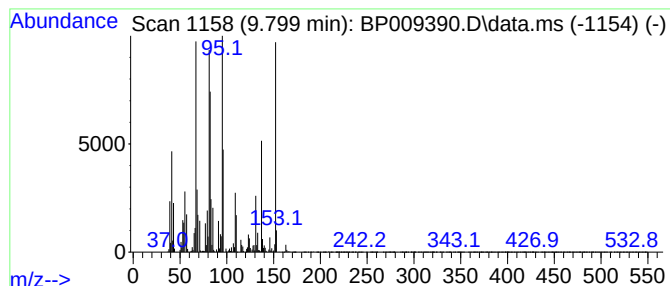
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 trans-4a-Methyl-decahydrona... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.799	6.20 ng	2078110	Naphthalene-d8	10.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	68
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
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Acq On : 14 Mar 2022 19:40
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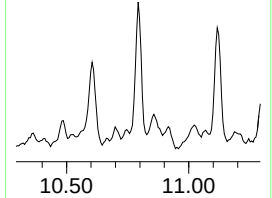
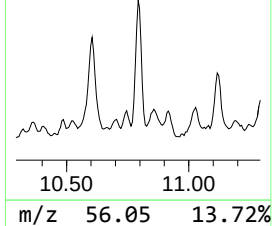
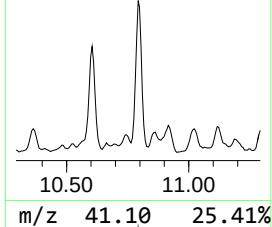
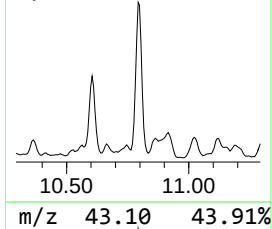
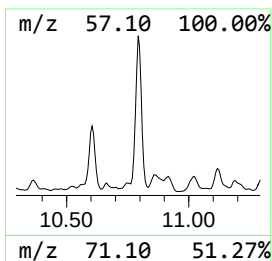
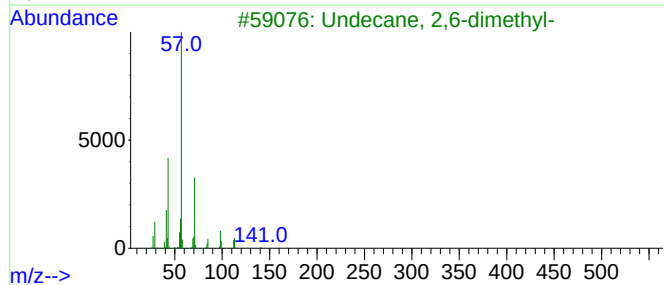
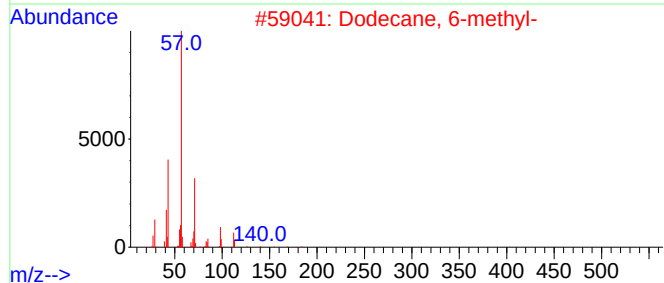
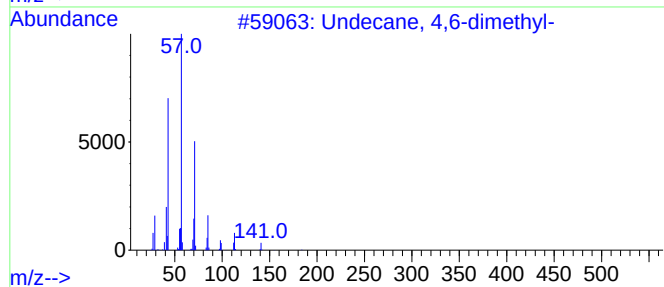
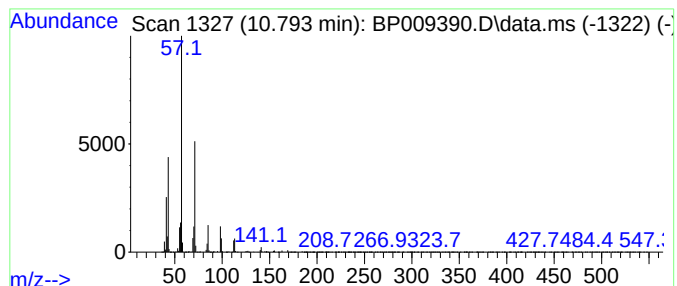
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.793	9.61 ng	3222280	Naphthalene-d8	10.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 2

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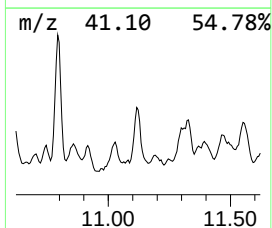
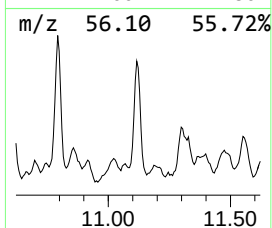
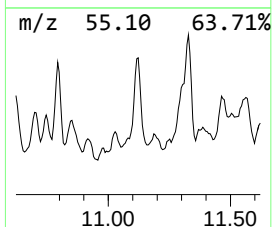
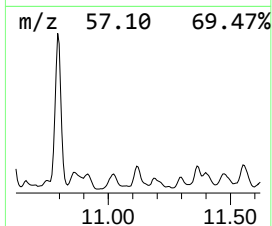
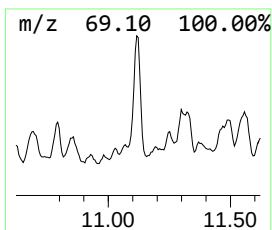
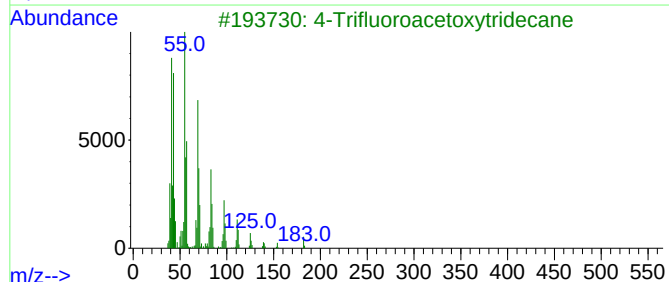
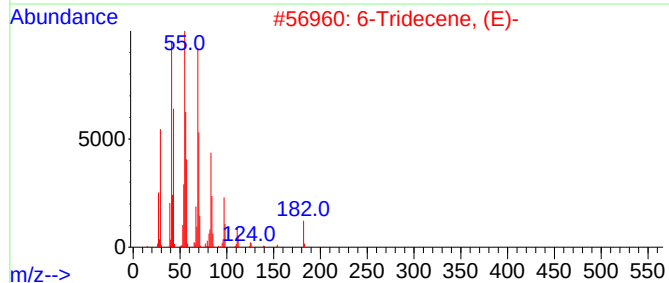
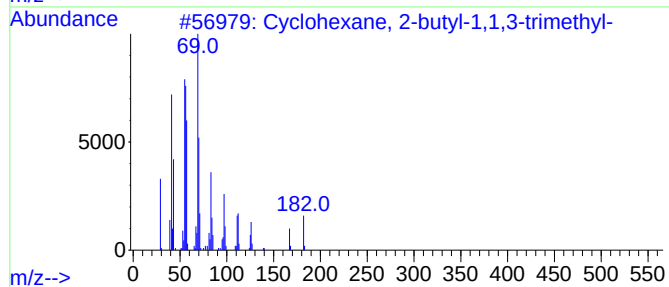
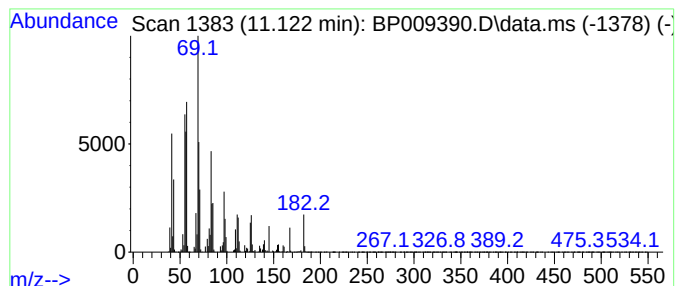
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.122	4.81 ng	1612180	Naphthalene-d8	10.610

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	91
2			6-Tridecene, (E)-	182	C13H26	006434-76-0	81
3			4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	80
4			Cyclopentane, butyl-	126	C9H18	002040-95-1	74
5			1-Decene	140	C10H20	000872-05-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
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ALS Vial : 13 Sample Multiplier: 2

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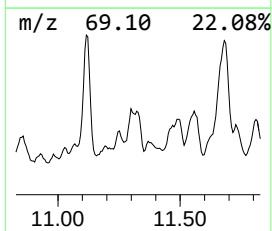
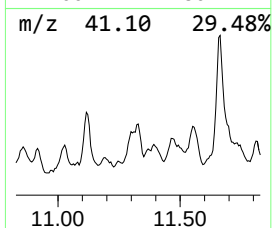
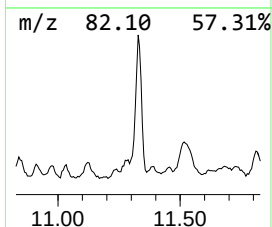
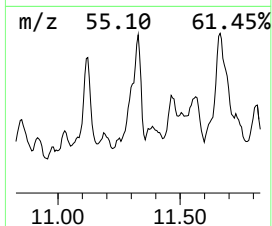
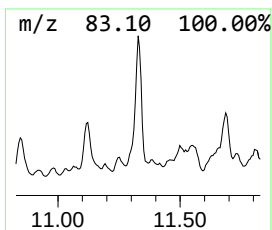
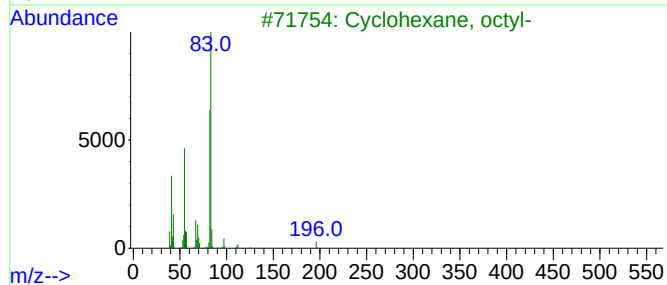
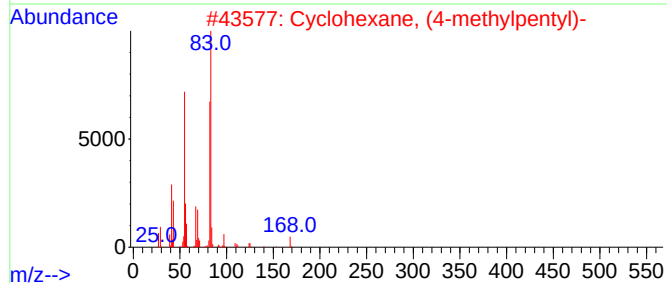
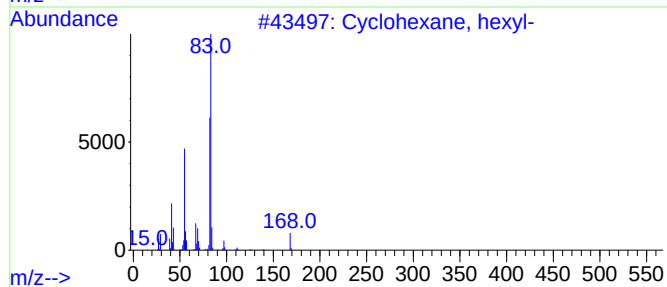
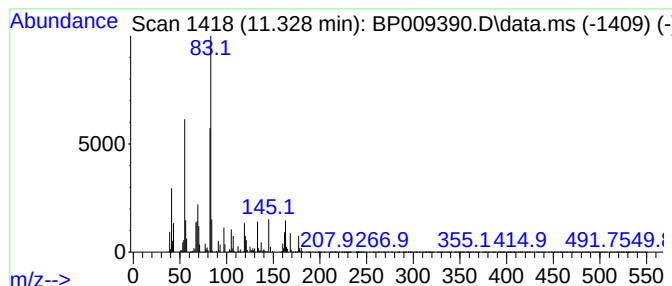
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.328	6.70 ng	2245790	Naphthalene-d8	10.610

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	50



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Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

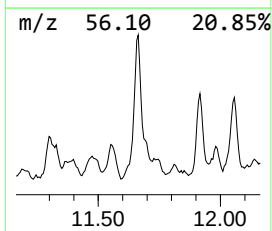
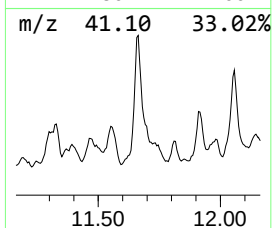
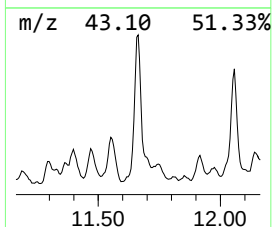
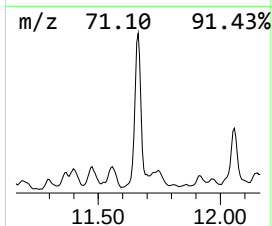
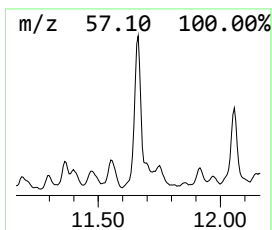
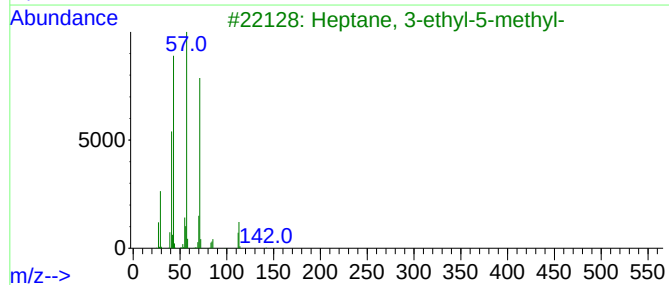
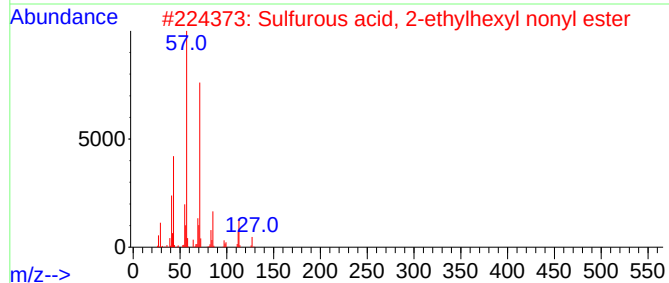
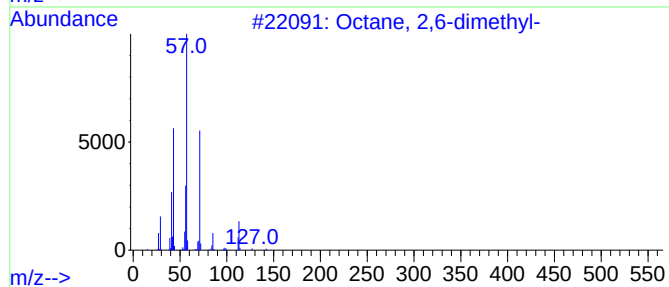
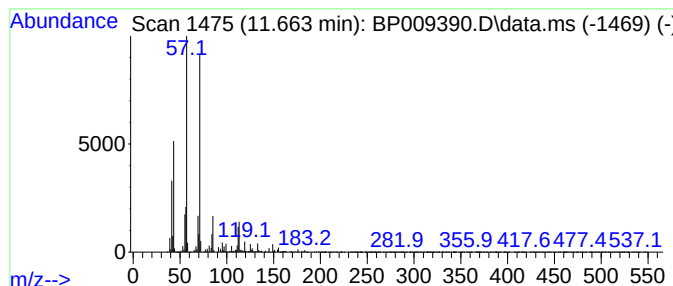
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.663	17.33 ng	5812080	Naphthalene-d8	10.610	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



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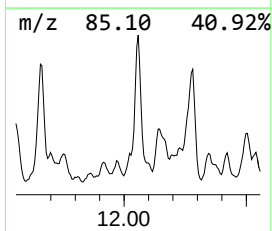
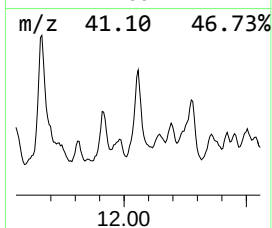
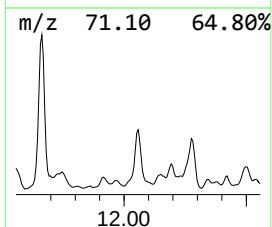
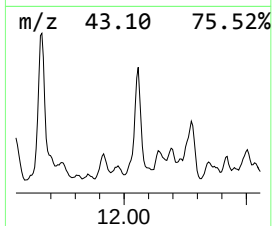
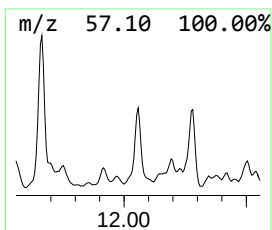
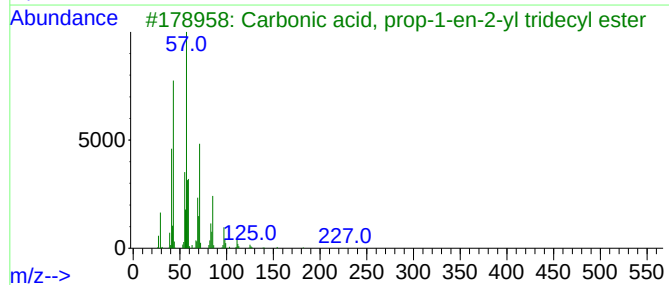
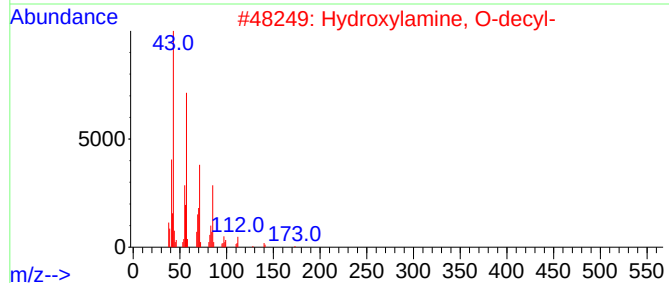
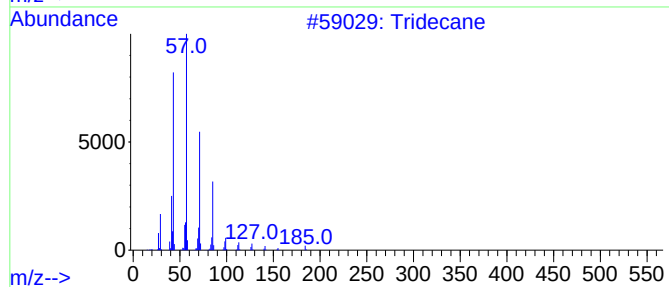
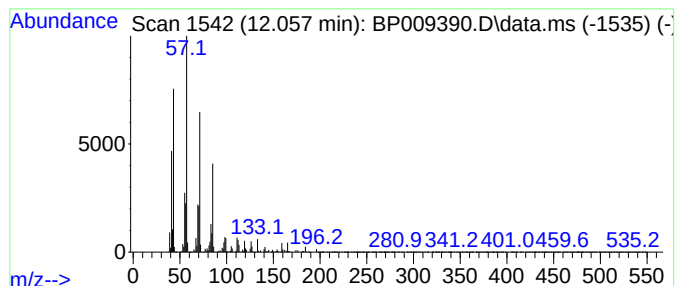
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.057	11.67 ng	3913810	Naphthalene-d8	10.610	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	72
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
4	Dodecane	170	C12H26	000112-40-3	59
5	Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
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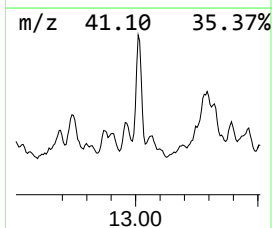
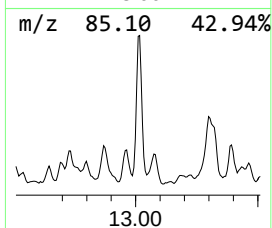
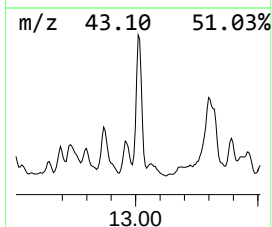
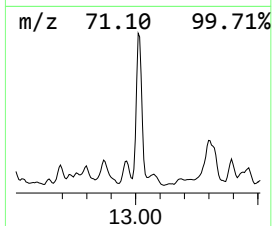
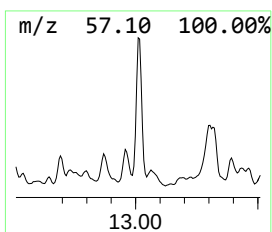
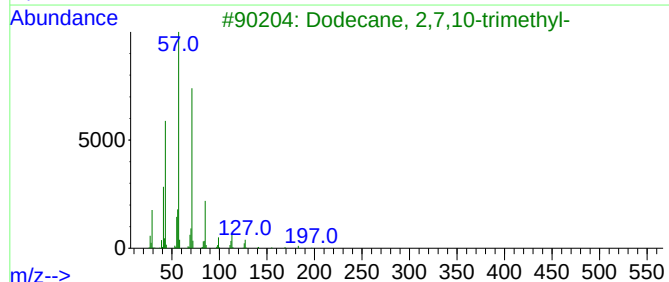
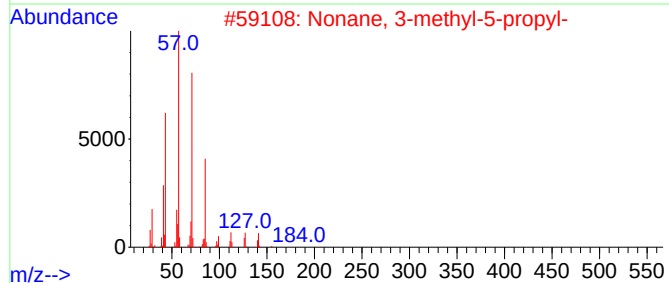
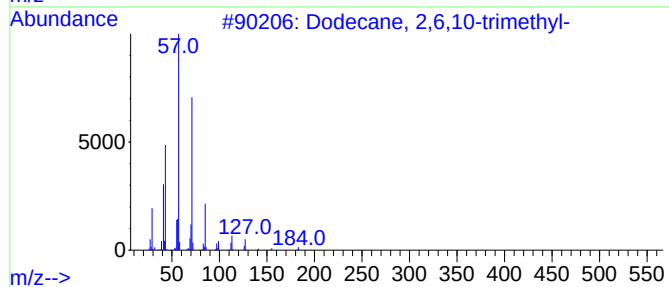
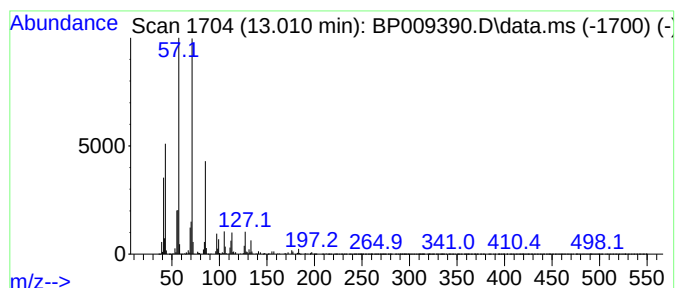
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.010	11.39 ng	4329800	Acenaphthene-d10	14.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	52
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
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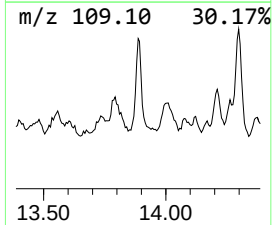
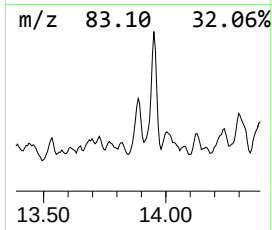
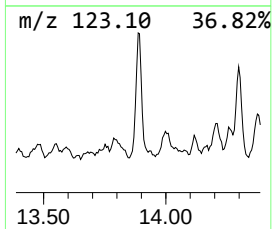
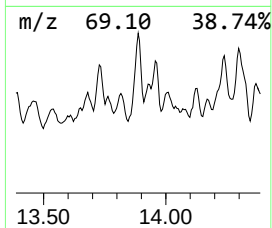
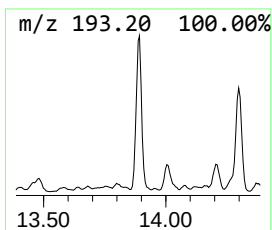
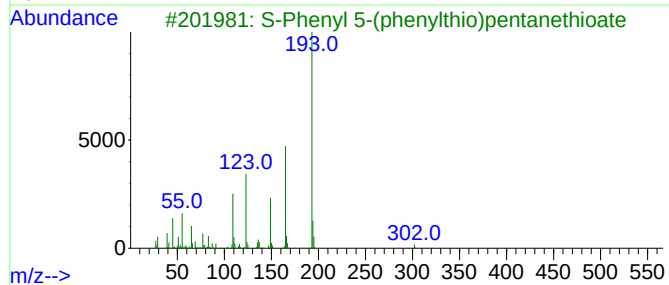
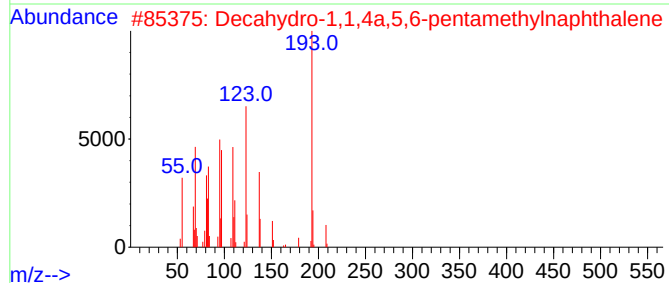
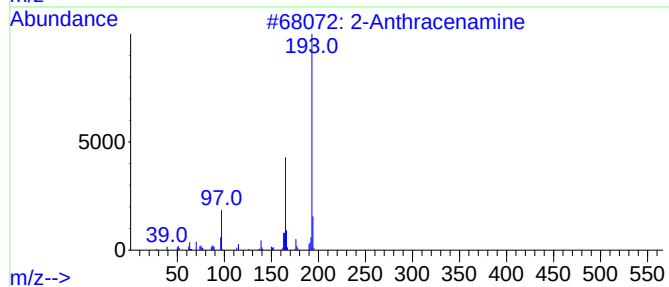
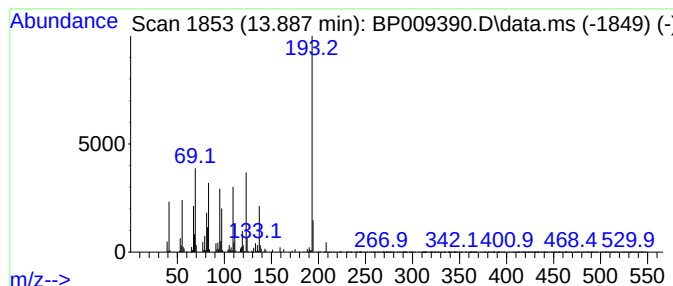
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.887 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.887	4.28 ng	1626870	Acenaphthene-d10	14.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Anthracenamine		193	C14H11N	000613-13-8	43
2	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	40
3	S-Phenyl 5-(phenylthio)pentaneth...		302	C17H18OS2	1000234-40-7	38
4	Iminostilbene		193	C14H11N	000256-96-2	35
5	Pyrazole, 5-methyl-3-(5-nitro-2-...		193	C8H7N3O3	016239-90-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
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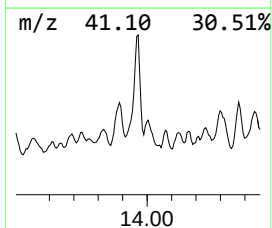
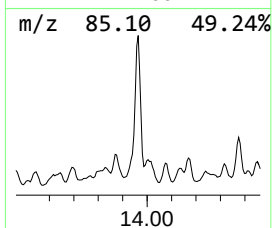
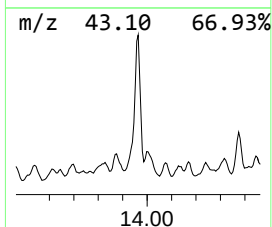
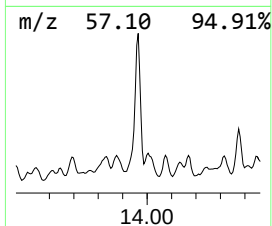
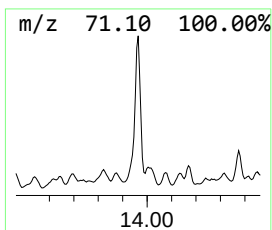
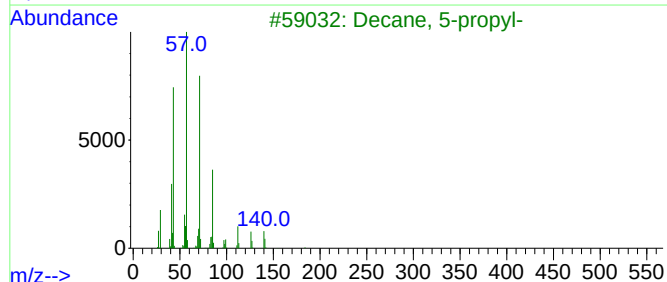
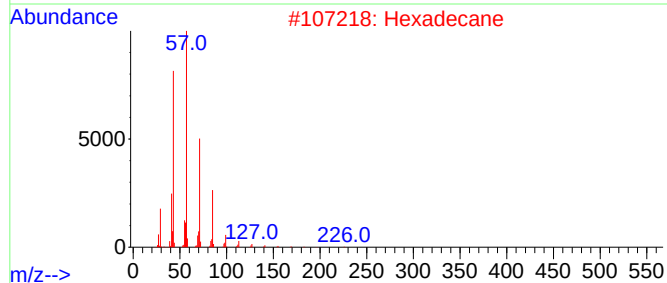
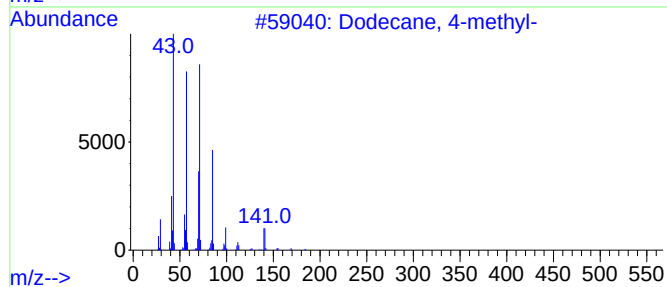
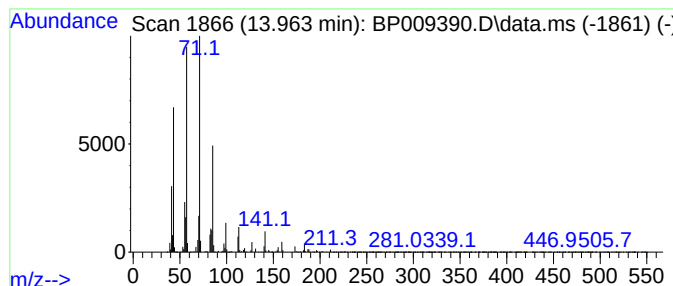
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.963	11.69 ng	4442310	Acenaphthene-d10		14.463	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-		184	C13H28	006117-97-1	87
2	Hexadecane		226	C16H34	000544-76-3	68
3	Decane, 5-propyl-		184	C13H28	017312-62-8	64
4	Pentadecane		212	C15H32	000629-62-9	62
5	Tridecane, 7-propyl-		226	C16H34	055045-09-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
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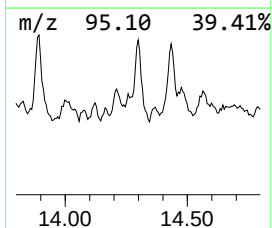
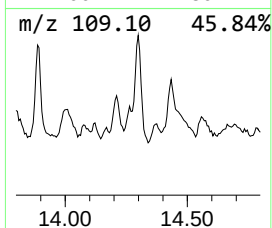
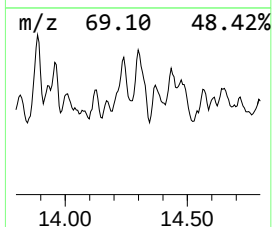
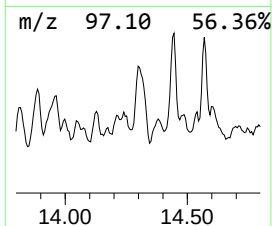
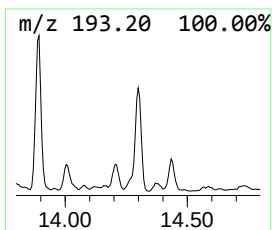
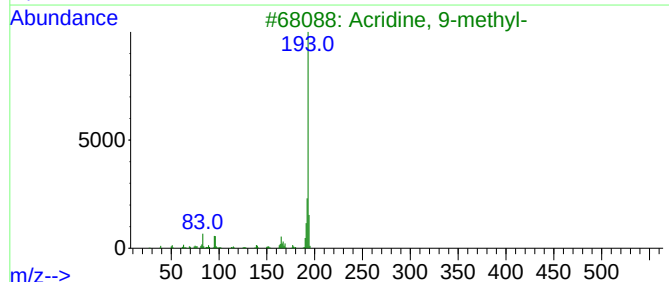
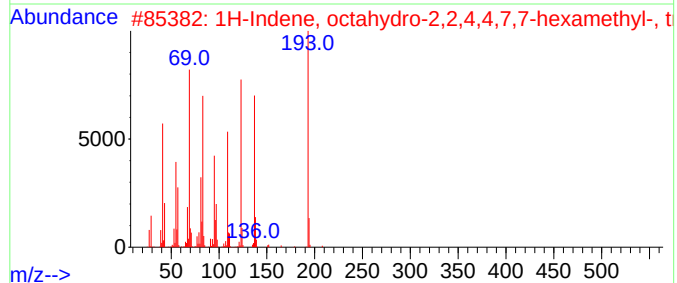
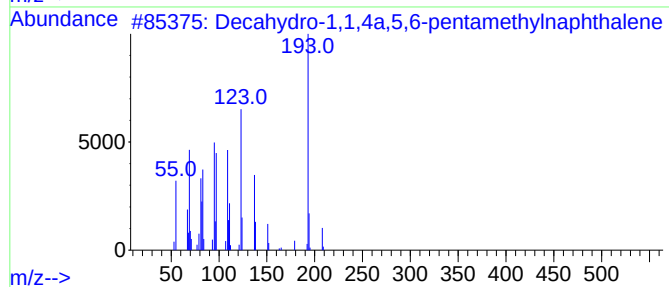
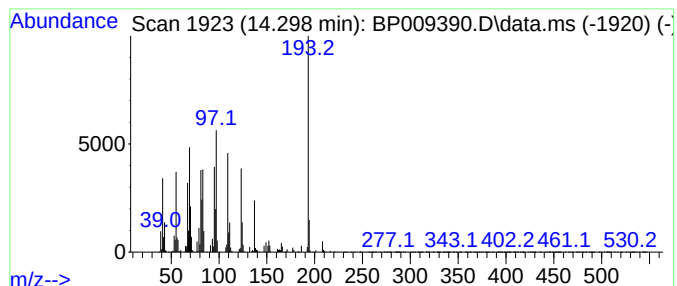
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.298 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	7.21 ng	2741370	Acenaphthene-d10	14.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	46
2		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
3		Acridine, 9-methyl-	193	C14H11N	000611-64-3	14
4		2-Anthracenamine	193	C14H11N	000613-13-8	14
5		[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
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Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

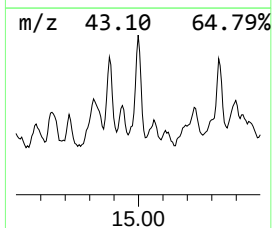
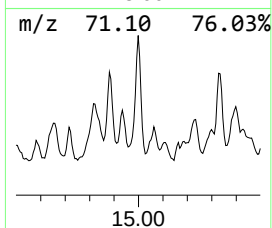
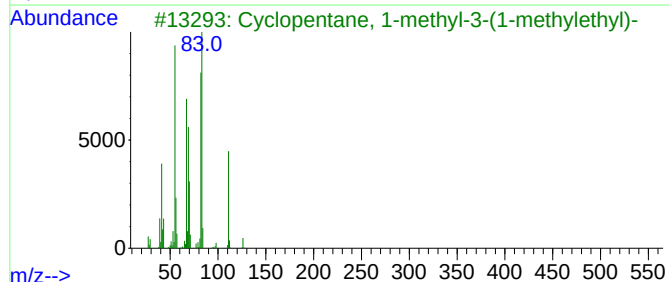
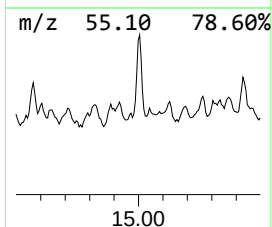
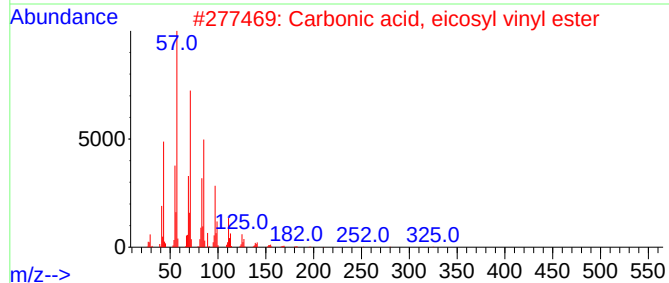
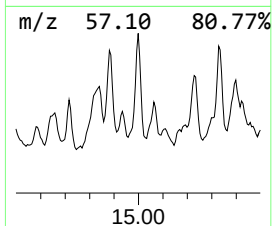
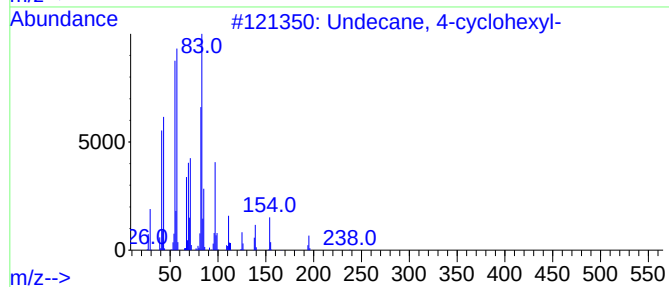
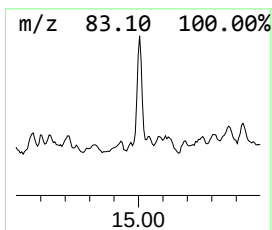
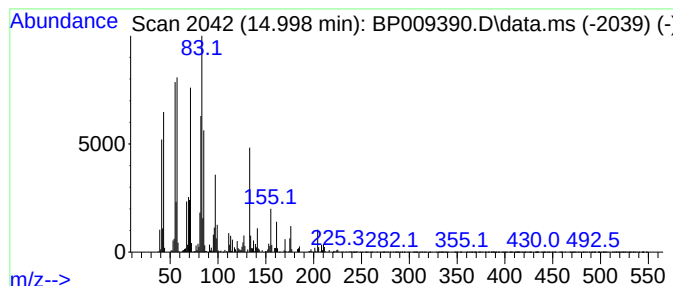
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WC-14A-1A-3

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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 unknown14.998 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.998	6.47 ng	2458920	Acenaphthene-d10	14.463	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	45
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	30
4	Nonadecane	268	C19H40	000629-92-5	30
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

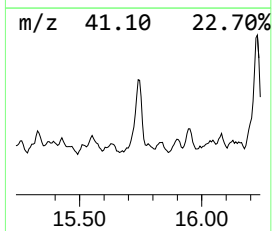
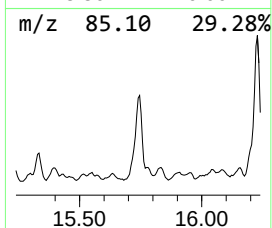
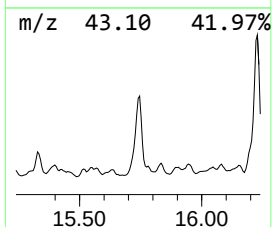
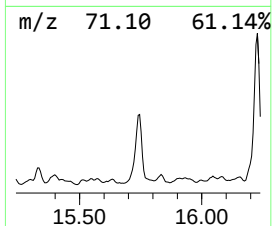
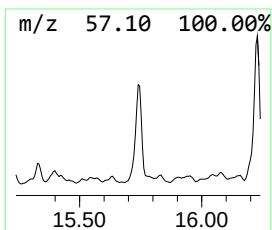
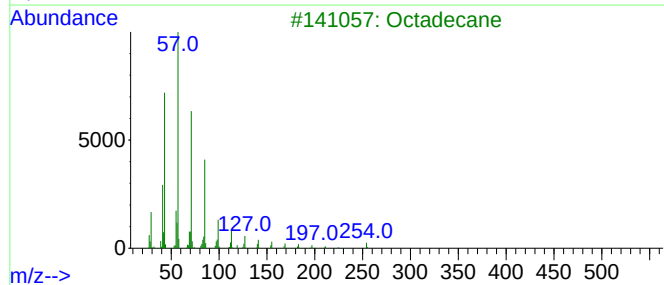
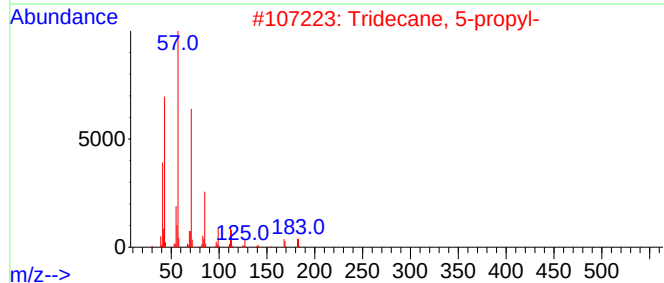
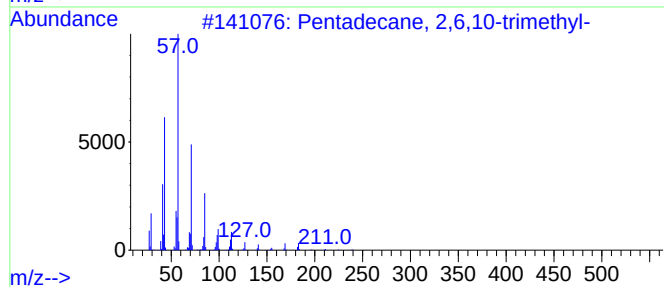
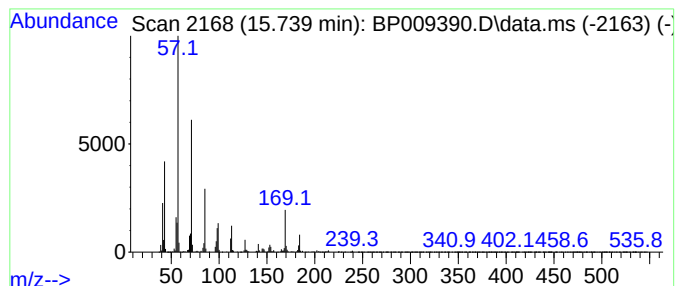
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.740	12.57 ng	4780360	Acenaphthene-d10		14.463	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
2	Tridecane, 5-propyl-		226	C16H34	055045-11-9	70
3	Octadecane		254	C18H38	000593-45-3	59
4	Heptacosane		380	C27H56	000593-49-7	53
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

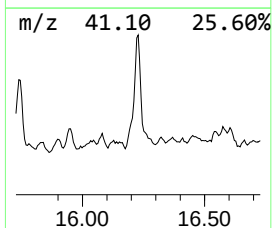
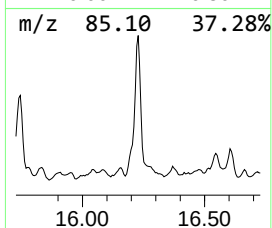
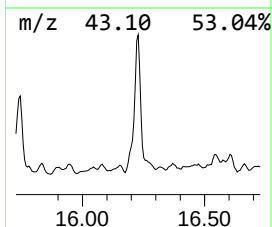
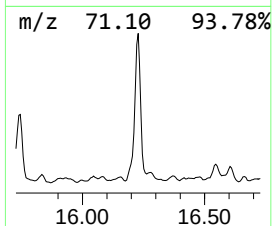
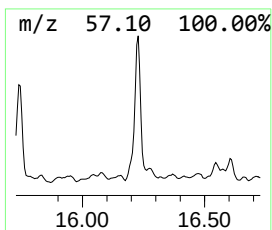
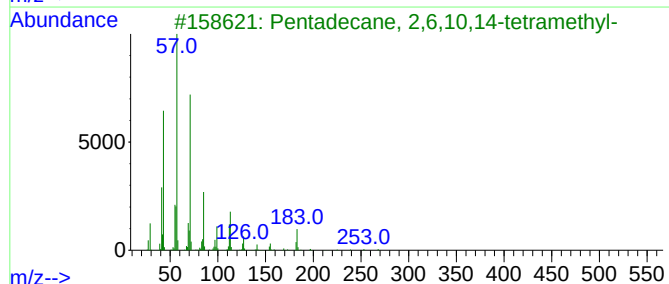
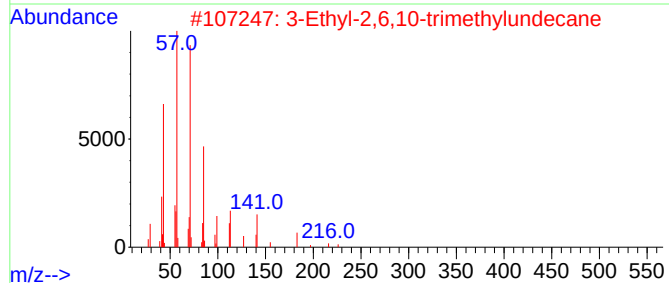
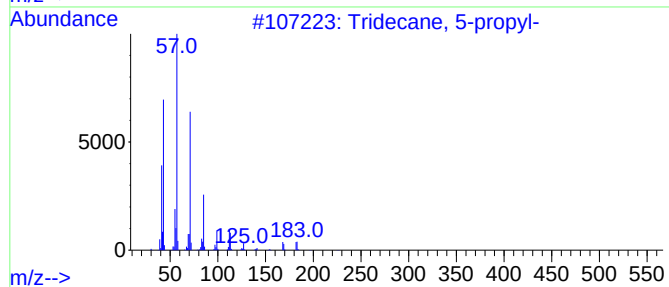
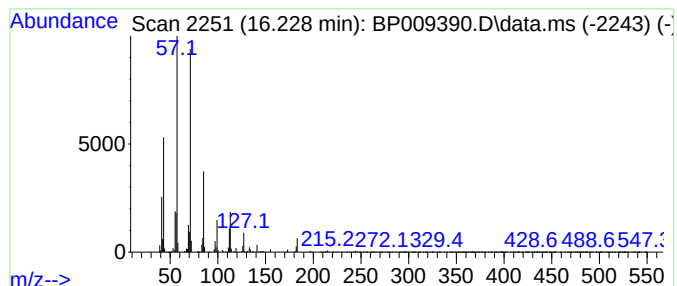
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.228	43.08 ng	8455030	Phenanthrene-d10	17.222

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	91
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
4		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
5		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

Instrument :
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ClientSampleId :
WC-14A-1A-3

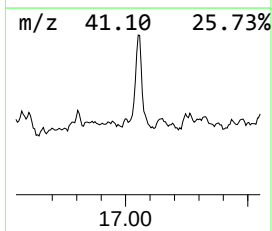
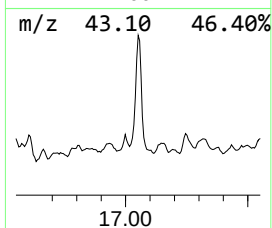
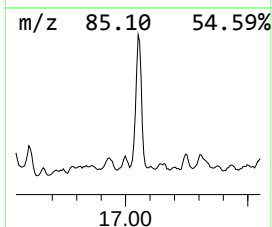
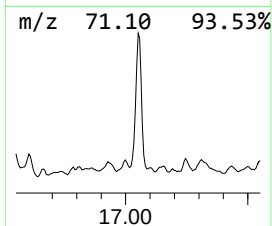
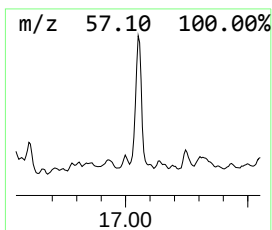
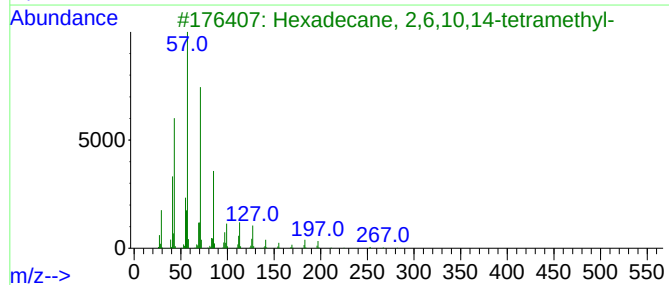
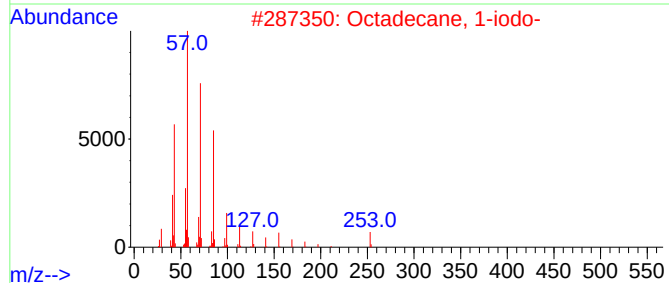
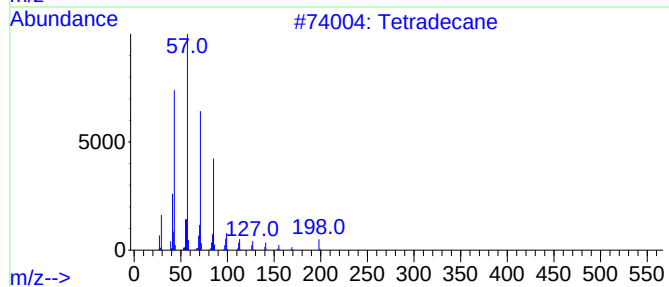
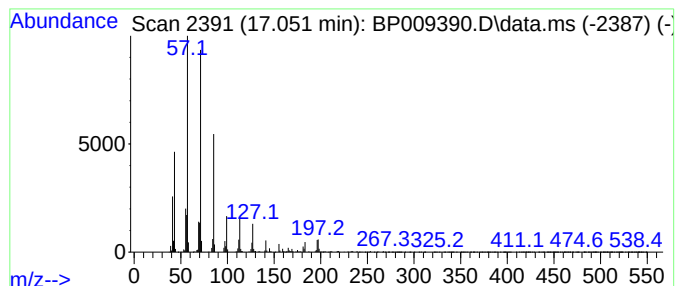
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	29.89 ng	5866680	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5			Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009390.D
Acq On : 14 Mar 2022 19:40
Operator : CG/JU
Sample : N1905-13 5X
Misc :
ALS Vial : 13 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-...	7.311	4.6	ng	858669	1	7.816	3711800	20.0
Mesitylene	7.469	7.1	ng	1309920	1	7.816	3711800	20.0
Cyclohexane, bu...	8.110	5.5	ng	1017030	1	7.816	3711800	20.0
Cyclopentane, (...)	8.375	7.7	ng	1436660	1	7.816	3711800	20.0
Undecane	9.057	8.5	ng	1580830	1	7.816	3711800	20.0
unknown9.175	9.175	11.4	ng	2119320	1	7.816	3711800	20.0
trans-4a-Methyl...	9.799	6.2	ng	2078110	2	10.610	6706040	20.0
Undecane, 4,6-d...	10.793	9.6	ng	3222280	2	10.610	6706040	20.0
Cyclohexane, 2-...	11.122	4.8	ng	1612180	2	10.610	6706040	20.0
Cyclohexane, he...	11.328	6.7	ng	2245790	2	10.610	6706040	20.0
Octane, 2,6-dim...	11.663	17.3	ng	5812080	2	10.610	6706040	20.0
Tridecane	12.057	11.7	ng	3913810	2	10.610	6706040	20.0
Dodecane, 2,6,1...	13.010	11.4	ng	4329800	3	14.463	7603060	20.0
unknown13.887	13.887	4.3	ng	1626870	3	14.463	7603060	20.0
Dodecane, 4-met...	13.963	11.7	ng	4442310	3	14.463	7603060	20.0
unknown14.298	14.298	7.2	ng	2741370	3	14.463	7603060	20.0
unknown14.998	14.998	6.5	ng	2458920	3	14.463	7603060	20.0
Pentadecane, 2,...	15.740	12.6	ng	4780360	3	14.463	7603060	20.0
Tridecane, 5-pr...	16.228	43.1	ng	8455030	4	17.222	3925300	20.0
Tetradecane	17.051	29.9	ng	5866680	4	17.222	3925300	20.0