

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009386.D
 Acq On : 14 Mar 2022 17:26
 Operator : CG/JU
 Sample : N1908-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-8-9-3

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: BP009386.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.223	203	210	213	rBV2	1348874	2380407	5.17%	0.216%
2	4.352	228	232	242	rVB2	982149	2039236	4.43%	0.185%
3	4.499	253	257	266	rVB	1468986	2579748	5.61%	0.234%
4	4.787	297	306	312	rBV	2128080	3709525	8.06%	0.337%
5	4.881	317	322	327	rVV	1520853	2898660	6.30%	0.263%
6	4.940	327	332	336	rVV3	1104501	2481050	5.39%	0.225%
7	4.987	336	340	344	rVV	1870323	3133367	6.81%	0.285%
8	5.040	344	349	356	rVV	5815734	11296156	24.55%	1.027%
9	5.099	356	359	363	rVV2	1056939	1847688	4.02%	0.168%
10	5.158	363	369	372	rVV2	1137513	2383547	5.18%	0.217%
11	5.199	372	376	380	rVV	1784274	3205968	6.97%	0.291%
12	5.275	385	389	397	rVB	2689333	5197511	11.30%	0.472%
13	5.423	404	414	426	rBV	3874326	8268888	17.97%	0.751%
14	5.528	426	432	442	rVB3	1190866	3098751	6.73%	0.282%
15	5.640	442	451	457	rBV2	1885474	3869698	8.41%	0.352%
16	5.717	457	464	471	rBV2	3754044	9162150	19.91%	0.833%
17	5.793	471	477	482	rBV2	3892188	6494164	14.11%	0.590%
18	5.858	483	488	495	rVB	3024487	6200675	13.48%	0.563%
19	5.928	495	500	510	rBV	2005462	3829983	8.32%	0.348%
20	6.111	522	531	539	rBV5	6491847	17181226	37.34%	1.561%
21	6.234	543	552	560	rVB3	2772011	7494025	16.29%	0.681%
22	6.328	561	568	574	rBV5	6795453	15706068	34.13%	1.427%
23	6.399	574	580	584	rBV	7246971	12898271	28.03%	1.172%
24	6.470	584	592	596	rBV3	7908512	18571590	40.36%	1.688%
25	6.593	608	613	618	rVB2	1825732	3042817	6.61%	0.277%
26	6.652	618	623	629	rVB4	2975531	5723743	12.44%	0.520%
27	6.728	629	636	643	rVB4	3221731	8333185	18.11%	0.757%
28	6.805	643	649	665	rVB4	3847580	10942057	23.78%	0.994%
29	6.928	665	670	672	rBV2	2523569	4121062	8.96%	0.375%
30	6.969	672	677	689	rVB2	10231939	24824438	53.95%	2.256%
31	7.111	696	701	704	rBV2	1149157	2155805	4.69%	0.196%
32	7.158	704	709	714	rVV4	2769548	5617147	12.21%	0.510%
33	7.211	714	718	722	rVV2	3339258	5456433	11.86%	0.496%
34	7.252	722	725	727	rVV3	1687588	2452837	5.33%	0.223%
35	7.317	728	736	745	rVV3	5217303	19311084	41.97%	1.755%
36	7.393	745	749	759	rVB3	4929590	14048500	30.53%	1.277%

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37	7.481	759	764	766	rBV2	1794973	3162886	6.87%	0.287%
38	7.652	787	793	801	rBV7	3253661	9224002	20.05%	0.838%
39	7.728	801	806	809	rBV2	4257731	7903719	17.18%	0.718%
40	7.817	815	821	827	rVB	7811203	16430457	35.71%	1.493%
41	7.905	830	836	841	rVV4	3310512	6882381	14.96%	0.625%
42	7.958	841	845	847	rVV5	1098104	1691798	3.68%	0.154%
43	8.022	850	856	861	rVV3	5413211	12486977	27.14%	1.135%
44	8.116	865	872	879	rVV3	8424257	24235903	52.67%	2.202%
45	8.187	880	884	890	rVB3	3445061	6579240	14.30%	0.598%
46	8.275	895	899	903	rBV3	2251659	4054091	8.81%	0.368%
47	8.322	903	907	913	rVV5	1814122	4059861	8.82%	0.369%
48	8.387	913	918	925	rVB	7858697	15974678	34.72%	1.452%
49	8.469	926	932	936	rBV2	3023482	5495310	11.94%	0.499%
50	8.522	936	941	947	rBV3	2371499	4572280	9.94%	0.416%
51	8.599	950	954	956	rBV5	1176098	1922450	4.18%	0.175%
52	8.658	959	964	968	rBV	4896519	7860063	17.08%	0.714%
53	8.822	987	992	1000	rVB5	1549338	3866740	8.40%	0.351%
54	8.934	1001	1011	1020	rBV6	12638035	39212074	85.22%	3.563%
55	9.181	1043	1053	1060	rVB8	8077798	28775978	62.54%	2.615%
56	9.299	1060	1073	1081	rBV9	4398293	21547882	46.83%	1.958%
57	9.546	1111	1115	1122	rVB4	7050272	14377463	31.25%	1.307%
58	9.716	1140	1144	1147	rBV3	2648156	4627751	10.06%	0.421%
59	9.758	1148	1151	1155	rVV2	5619146	9666872	21.01%	0.878%
60	9.811	1155	1160	1169	rVB5	10476246	24014770	52.19%	2.182%
61	10.028	1192	1197	1203	rBV4	5574055	11121976	24.17%	1.011%
62	10.093	1204	1208	1213	rVB5	3676911	6660547	14.47%	0.605%
63	10.228	1226	1231	1241	rVB6	4560287	11284730	24.52%	1.026%
64	10.334	1244	1249	1253	rBV	4355857	8156213	17.73%	0.741%
65	10.499	1273	1277	1280	rBV2	3636120	5983959	13.00%	0.544%
66	10.540	1281	1284	1288	rVV2	4104440	6304462	13.70%	0.573%
67	10.610	1290	1296	1304	rVV6	6787030	19127984	41.57%	1.738%
68	10.810	1325	1330	1334	rBV	7765055	13621761	29.60%	1.238%
69	10.934	1348	1351	1357	rVB2	4267477	7179392	15.60%	0.652%
70	11.046	1366	1370	1380	rVV7	3270364	7395875	16.07%	0.672%
71	11.134	1380	1385	1394	rVB3	7872392	14411512	31.32%	1.310%
72	11.346	1413	1421	1426	rVB4	9275632	26979078	58.63%	2.452%
73	11.687	1472	1479	1486	rBV2	18863847	46014152	100.00%	4.182%
74	11.828	1499	1503	1511	rVB3	4736663	8464769	18.40%	0.769%
75	11.934	1517	1521	1530	rVB4	5723137	10529162	22.88%	0.957%
76	12.057	1538	1542	1544	rBV2	2971736	5202590	11.31%	0.473%

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77	12.381	1592	1597	1603	rBV7	4163196	10450626	22.71%	0.950%
78	12.510	1616	1619	1624	rVB4	4758801	7107523	15.45%	0.646%
79	12.763	1658	1662	1669	rVB2	7165770	13165633	28.61%	1.196%
80	12.993	1697	1701	1702	rBV4	3682653	5051881	10.98%	0.459%
81	13.034	1703	1708	1713	rVB	15191918	27607785	60.00%	2.509%
82	13.410	1769	1772	1777	rVB4	4276412	5823186	12.66%	0.529%
83	13.657	1805	1814	1819	rBV	8933340	27700635	60.20%	2.517%
84	13.804	1834	1839	1843	rBV	10078662	17559577	38.16%	1.596%
85	13.857	1844	1848	1853	rVB2	9086743	14284946	31.04%	1.298%
86	13.910	1853	1857	1862	rVB2	8999728	12905150	28.05%	1.173%
87	13.981	1864	1869	1873	rBV3	15142323	26654988	57.93%	2.422%
88	14.316	1923	1926	1934	rVB3	8033921	16017165	34.81%	1.456%
89	14.463	1947	1951	1957	rVB6	5208900	10481102	22.78%	0.952%
90	15.016	2041	2045	2051	rBV4	9839989	16681000	36.25%	1.516%
91	15.104	2056	2060	2064	rVV	8675027	15959605	34.68%	1.450%
92	15.151	2065	2068	2072	rVB	8465607	11639639	25.30%	1.058%
93	15.522	2128	2131	2135	rBV2	6107508	7995164	17.38%	0.727%
94	15.757	2166	2171	2177	rVB3	12211109	23741737	51.60%	2.158%
95	16.245	2250	2254	2263	rVB	14131416	24021570	52.20%	2.183%
96	17.069	2390	2394	2402	rVB2	10433040	19802377	43.04%	1.800%
97	19.804	2856	2859	2863	rVB	7427041	8476507	18.42%	0.770%
98	21.328	3114	3118	3122	rBV3	4355725	8201980	17.82%	0.745%
99	21.375	3123	3126	3136	rVB	6919395	11291368	24.54%	1.026%
100	21.975	3224	3228	3232	rVB	6506737	8765562	19.05%	0.797%

Sum of corrected areas: 1100407954

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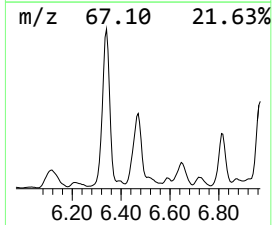
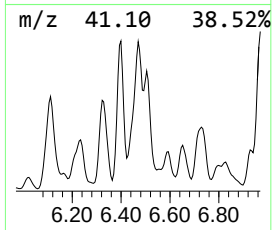
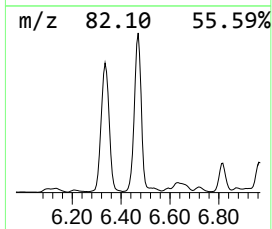
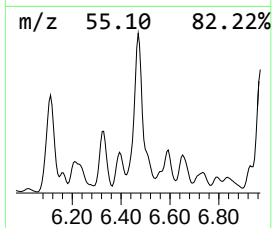
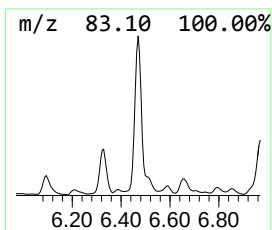
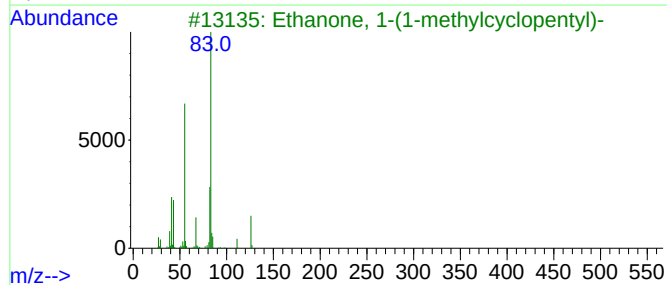
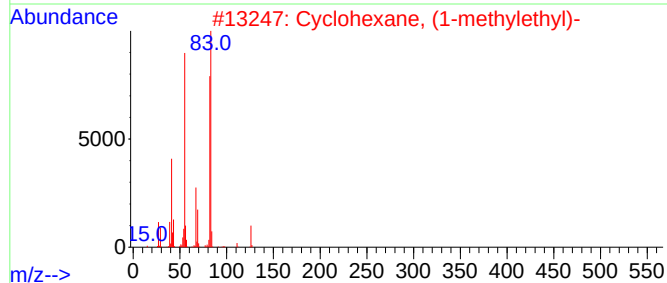
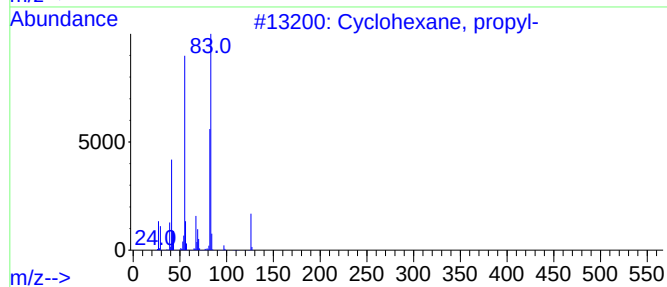
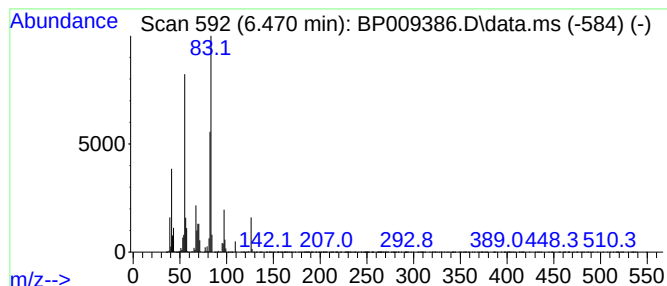
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.470	22.61 ng	18571600	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	50
4			Hexane, 1-bromo-6-chloro-	198	C6H12BrCl	006294-17-3	47
5			2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	46



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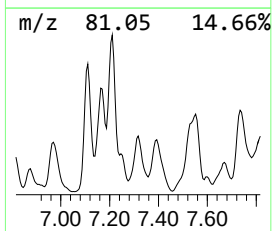
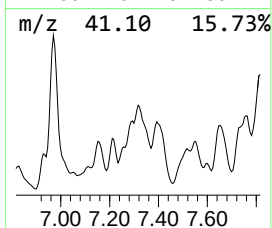
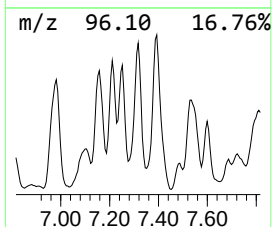
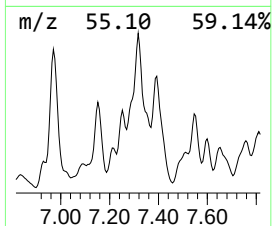
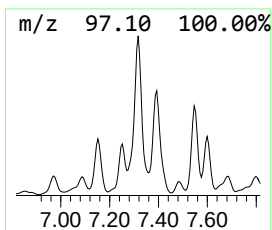
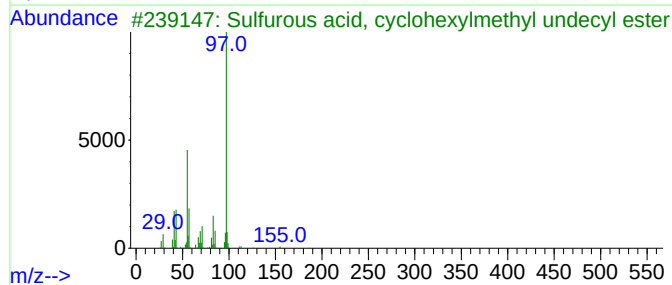
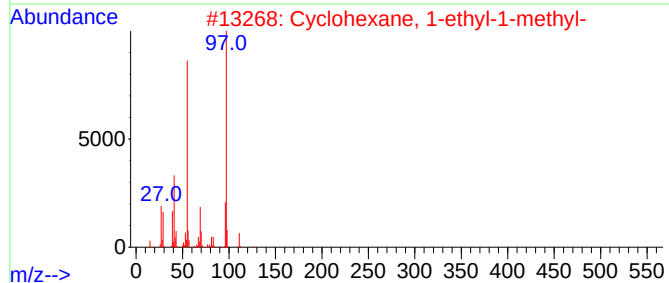
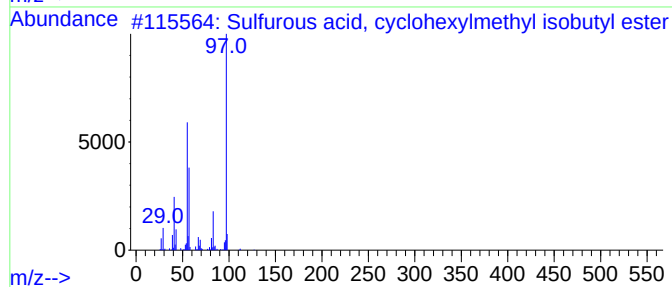
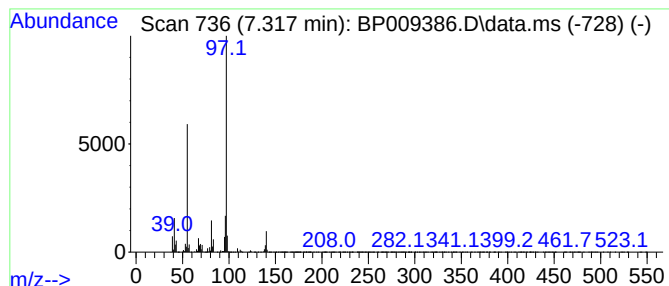
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Sulfurous acid, cyclohexylm... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.317	23.51 ng	19311100	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	64
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
4			4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	59
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	56



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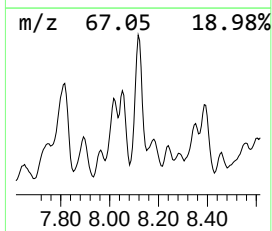
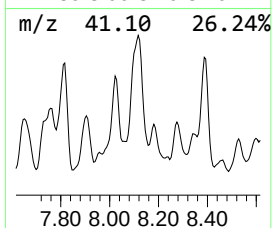
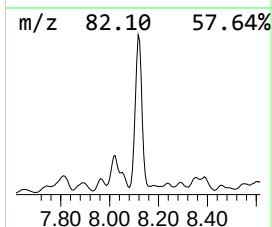
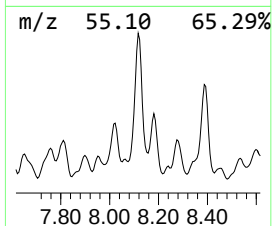
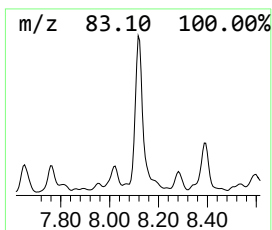
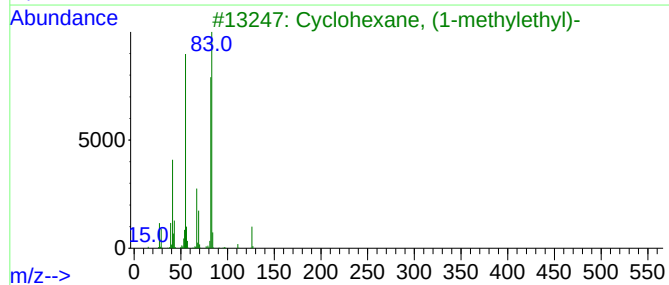
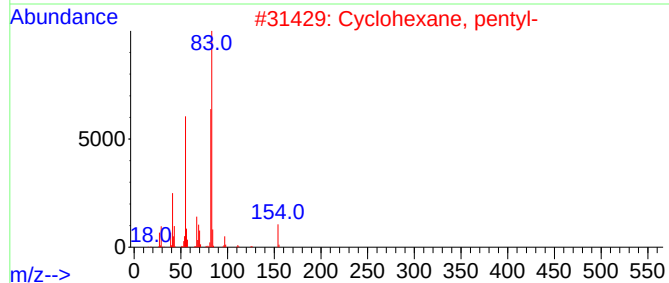
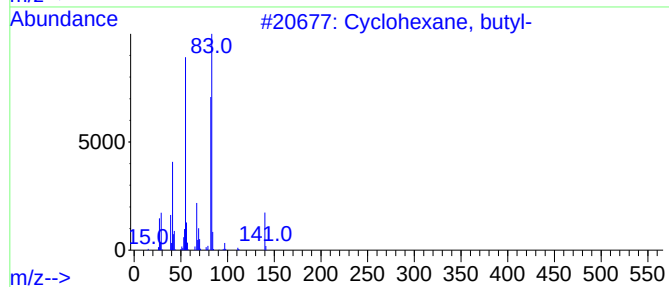
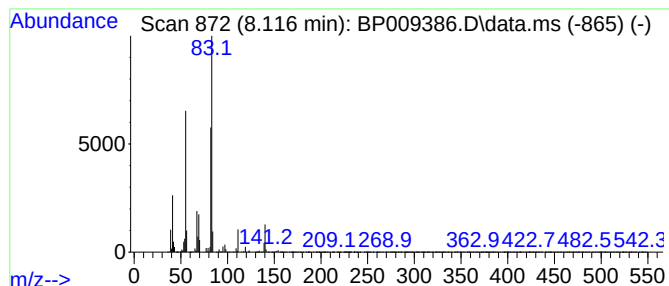
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.116	29.50 ng	24235900	1,4-Dichlorobenzene-d4	7.816

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	83
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-3

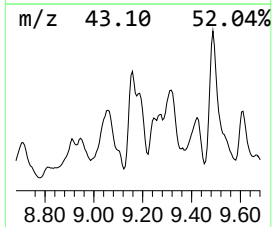
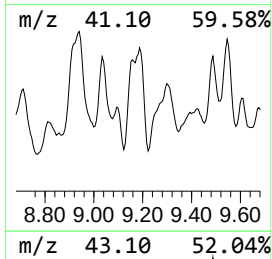
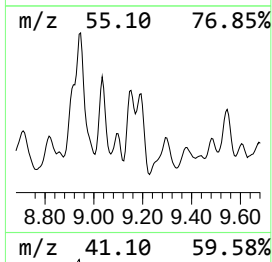
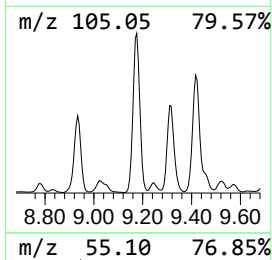
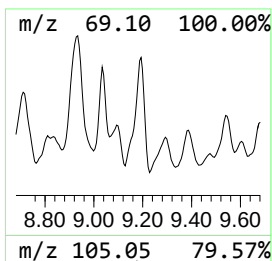
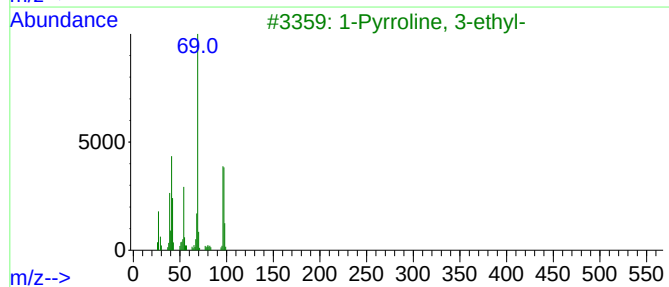
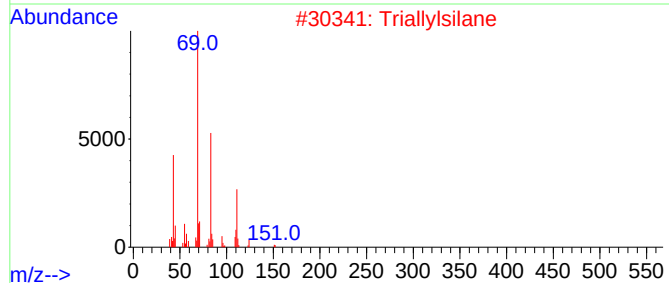
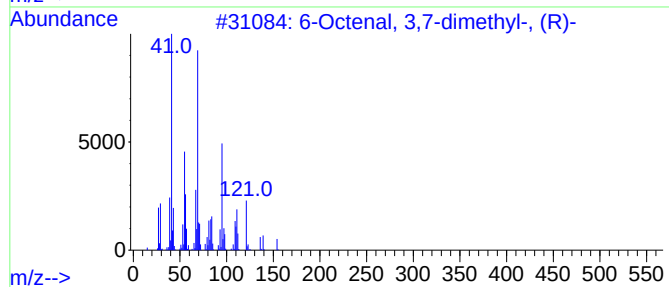
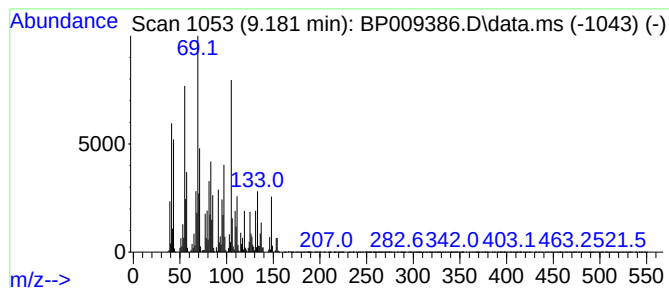
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.181 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	35.03 ng	28776000	1,4-Dichlorobenzene-d4	7.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	38
2			Triallylsilane	152	C9H16Si	001116-62-7	30
3			1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	30
4			1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	27
5			1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
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Instrument :
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ClientSampleId :
WC-8-9-3

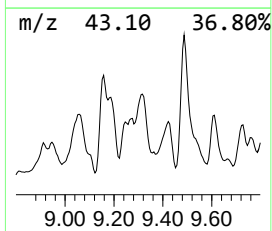
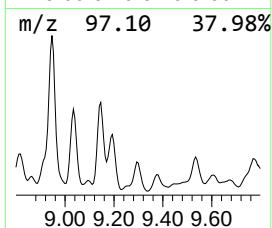
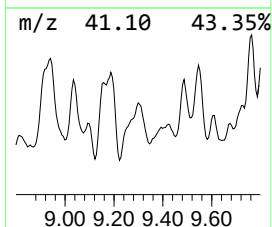
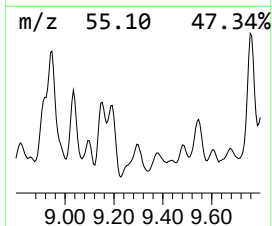
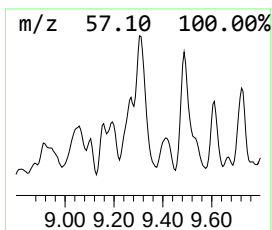
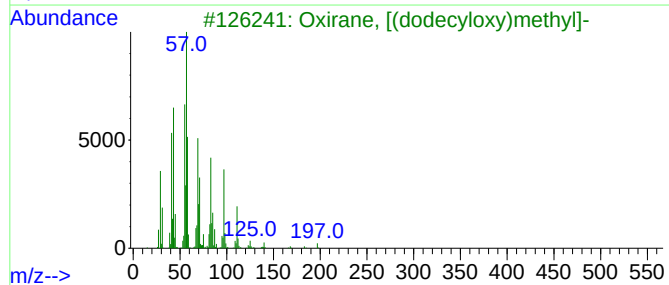
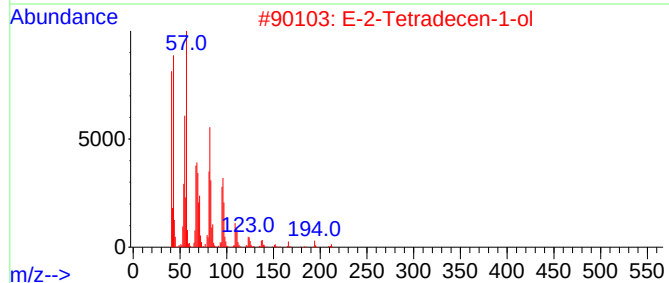
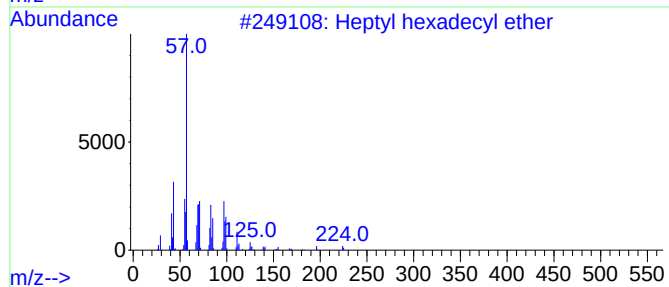
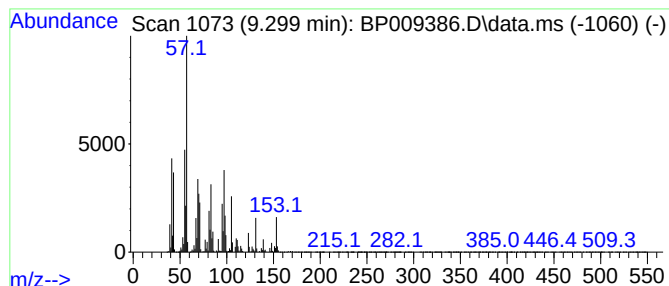
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.299 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.299	22.53 ng	21547900	Naphthalene-d8	10.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl hexadecyl ether	340	C23H48O	1000406-39-4	38
2			E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	38
3			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	38
4			Butyl octacosyl ether	467	C32H66O	1000406-41-1	32
5			Butyl triacontyl ether	495	C34H70O	1000406-41-2	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-8-9-3

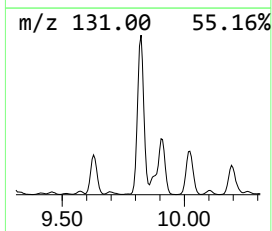
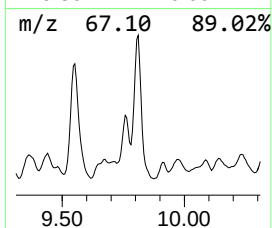
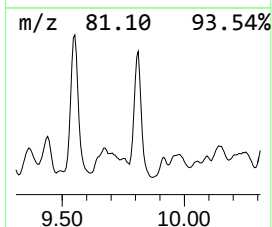
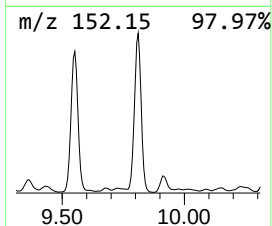
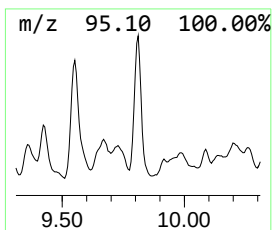
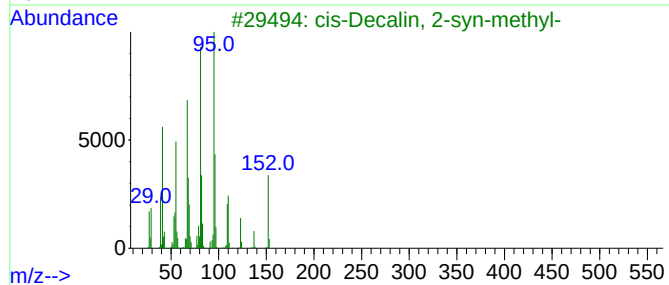
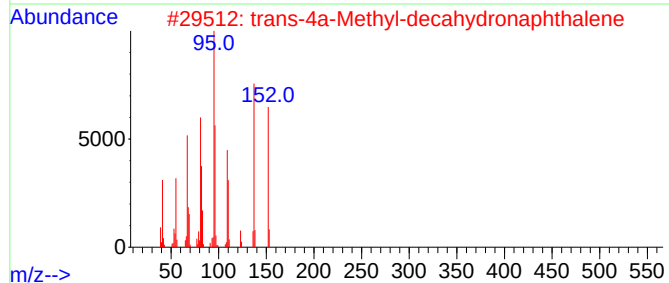
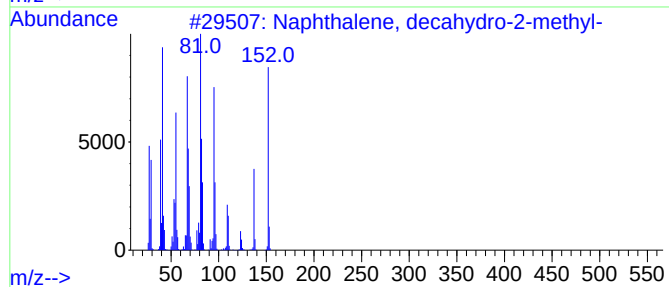
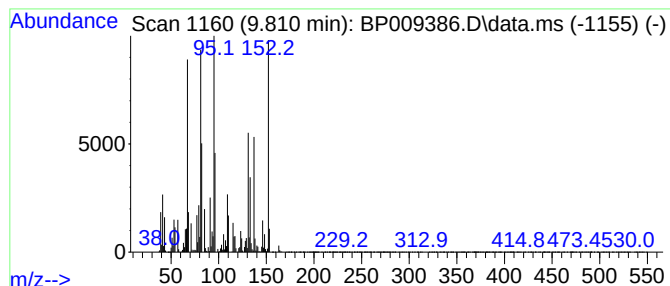
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	25.11 ng	24014800	Naphthalene-d8	10.616

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	60
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

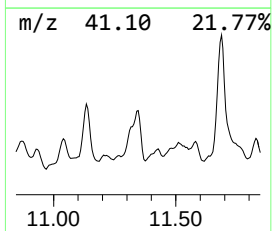
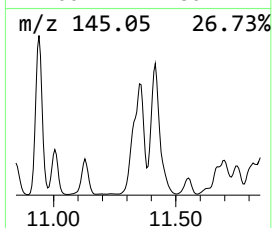
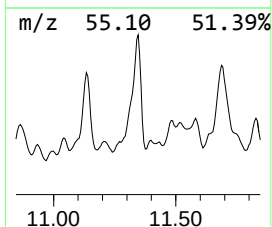
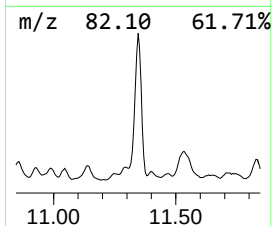
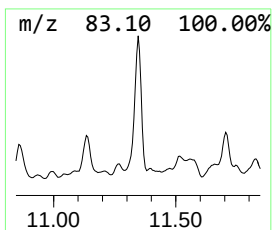
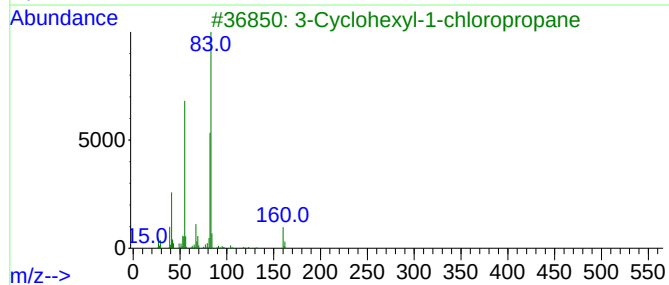
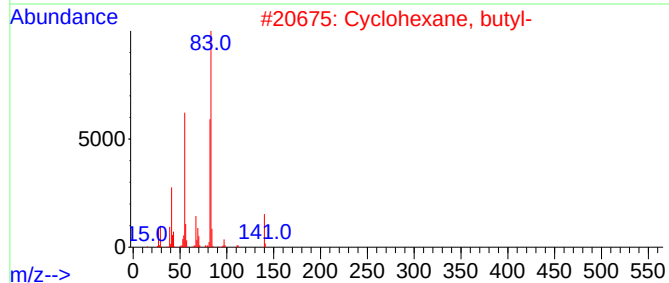
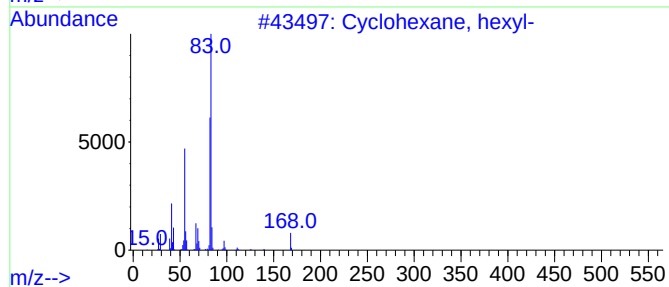
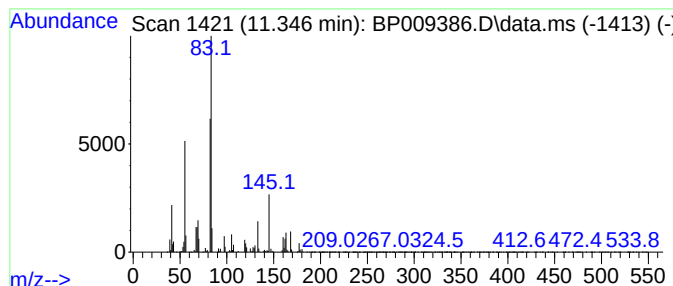
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.346	28.21 ng	26979100	Naphthalene-d8	10.616	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	70
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	58
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	53
4	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	50
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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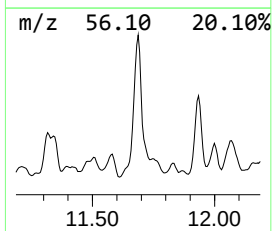
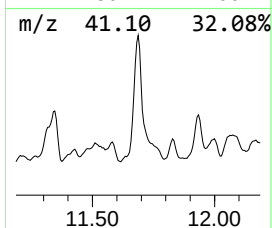
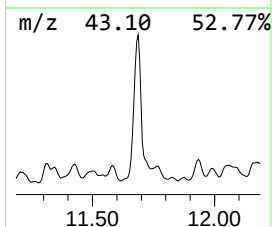
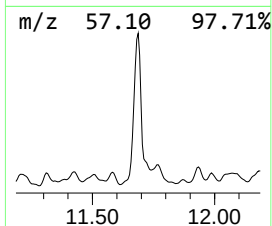
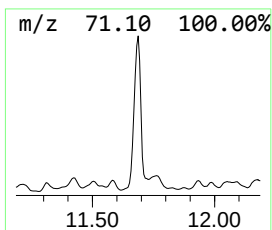
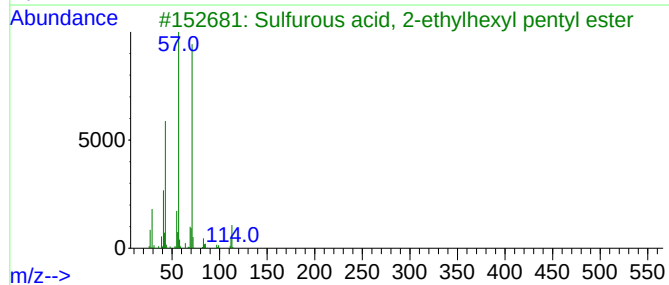
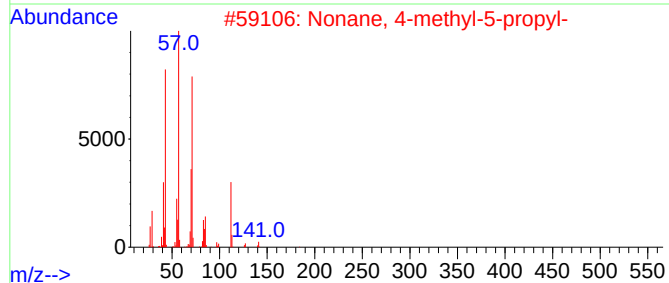
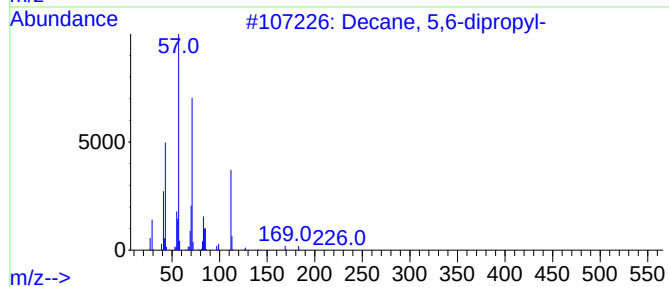
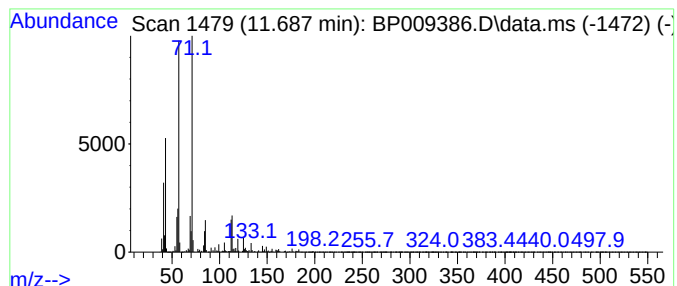
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 5,6-dipropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	48.11 ng	46014200	Naphthalene-d8	10.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
2			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
3			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4			3-Bromooctane	192	C8H17Br	000999-64-4	59
5			6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
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Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

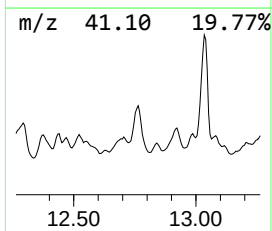
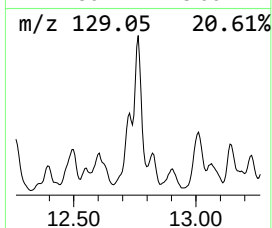
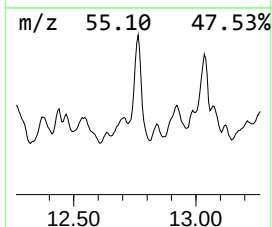
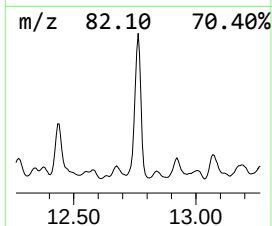
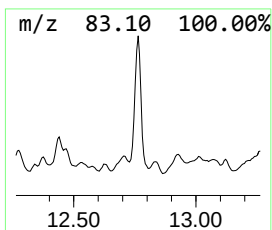
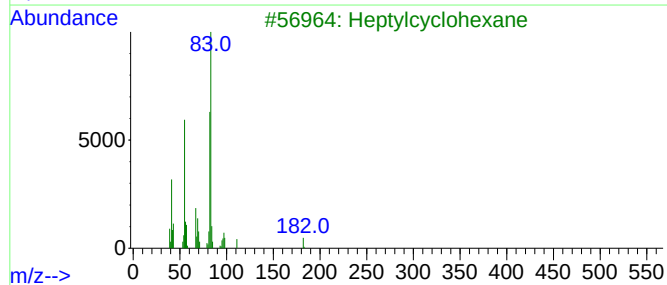
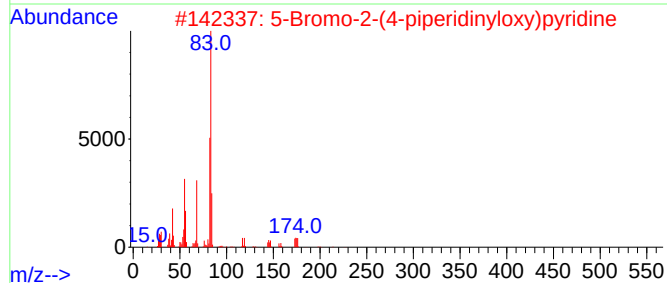
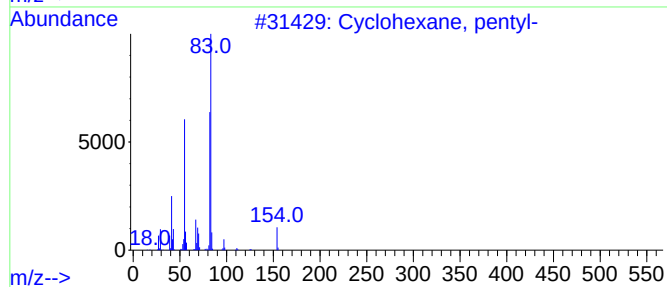
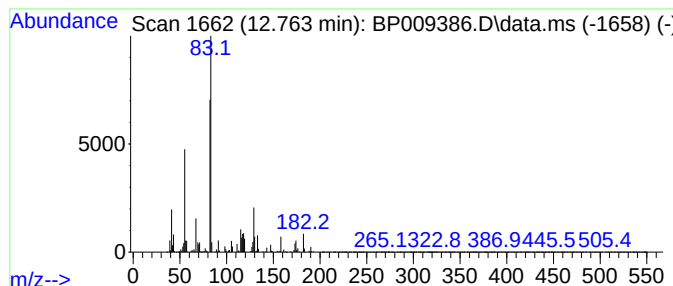
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.763	25.12 ng	13165600	Acenaphthene-d10	14.475	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
2	5-Bromo-2-(4-piperidinyloxy)pyri...	256	C10H13BrN2O	194668-50-3	45
3	Heptylcyclohexane	182	C13H26	005617-41-4	42
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	40
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	40



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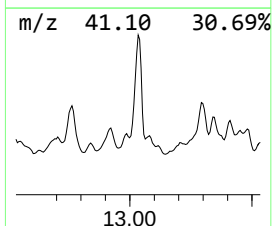
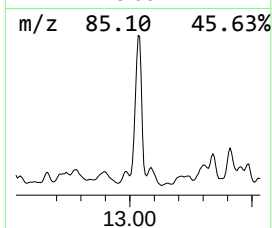
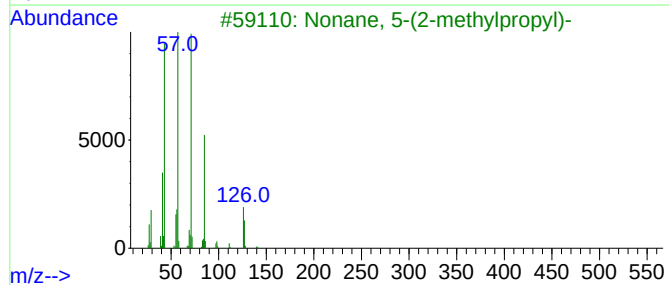
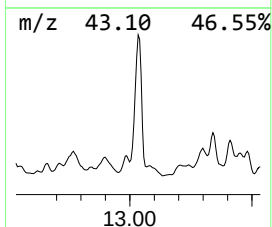
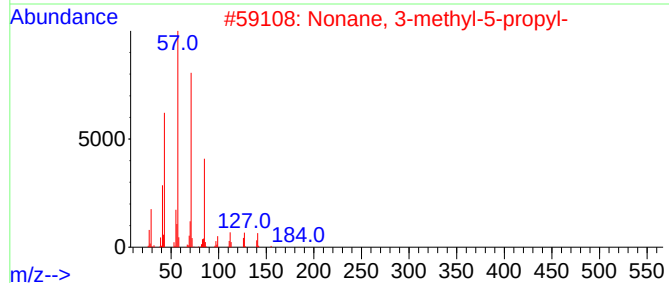
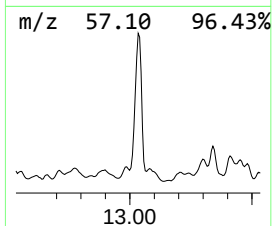
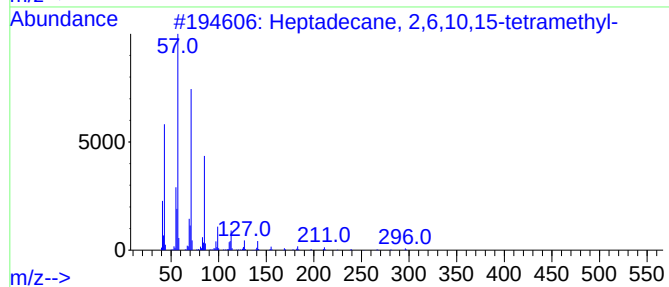
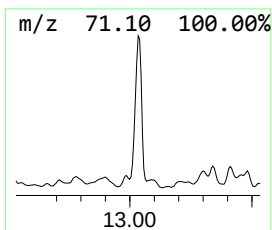
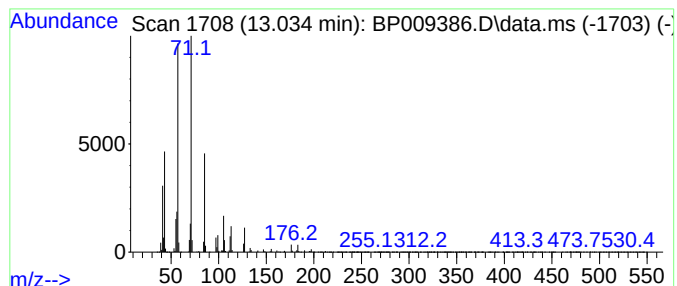
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.034	52.68 ng	27607800	Acenaphthene-d10		14.475	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
2	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	80
3	Nonane, 5-(2-methylpropyl)-		184	C13H28	062185-53-9	64
4	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	64
5	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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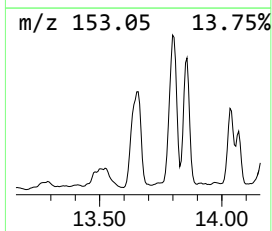
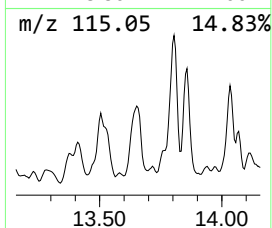
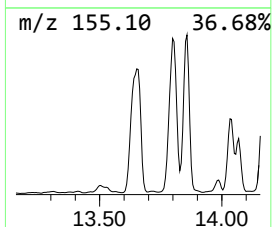
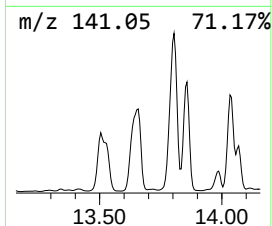
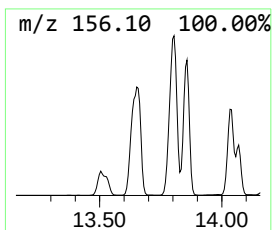
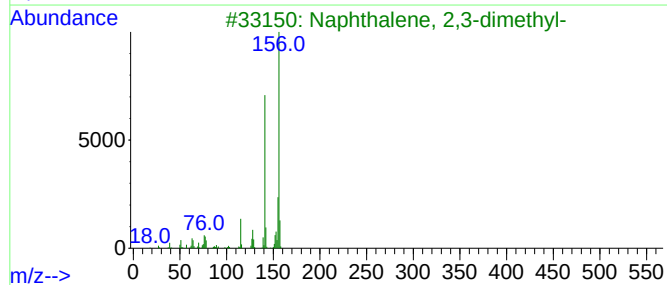
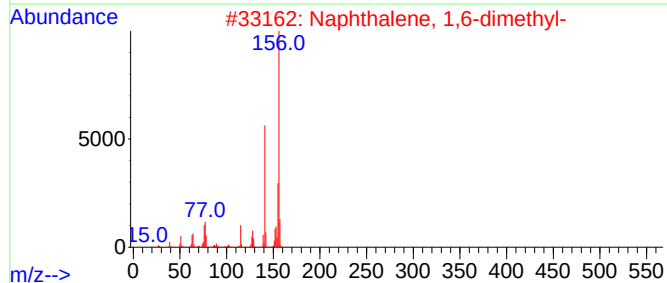
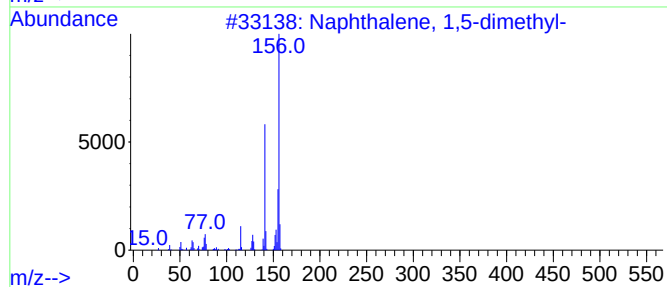
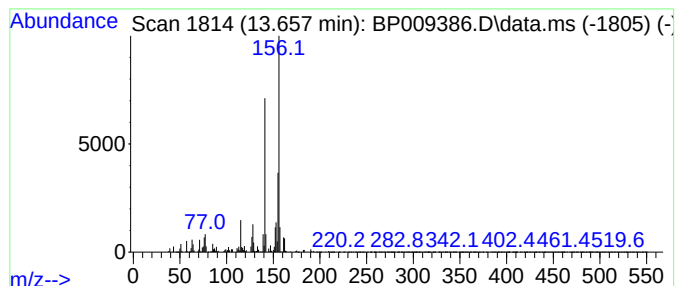
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.657	52.86 ng	27700600	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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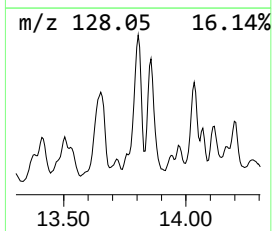
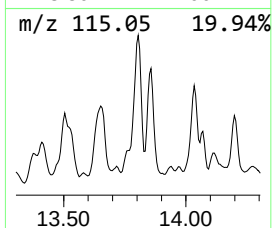
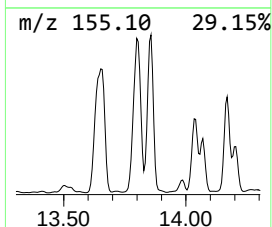
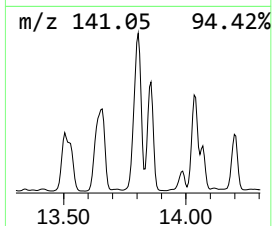
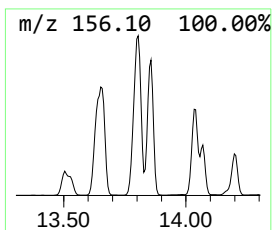
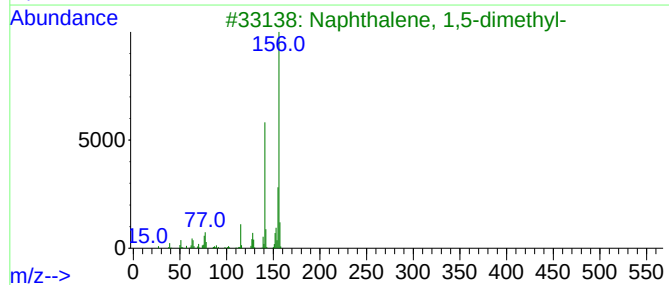
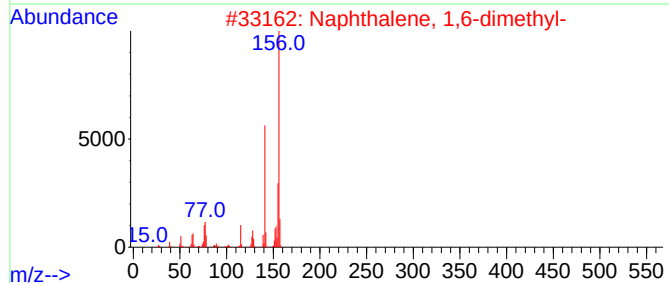
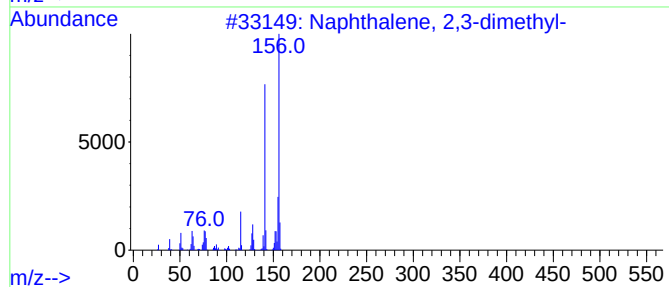
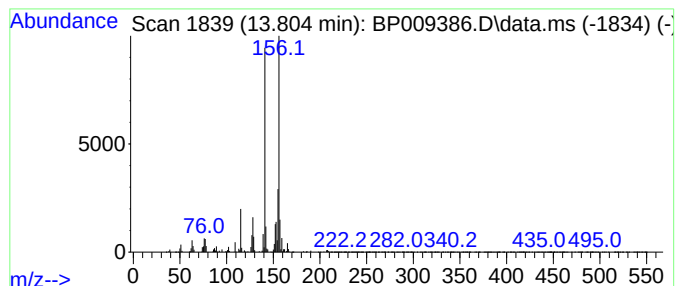
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.804	33.51 ng	17559600	Acenaphthene-d10		14.475	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-		156	C12H12	000571-61-9	97
4	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	97
5	Naphthalene, 1,2-dimethyl-		156	C12H12	000573-98-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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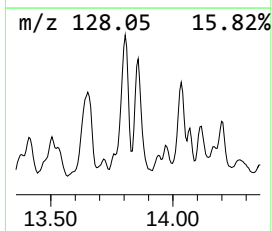
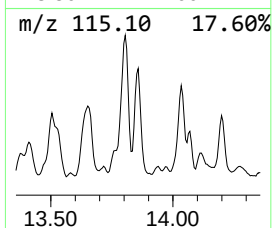
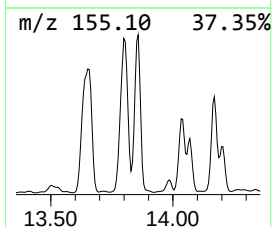
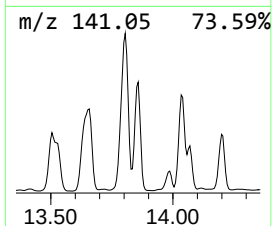
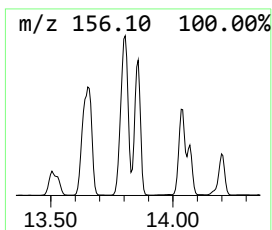
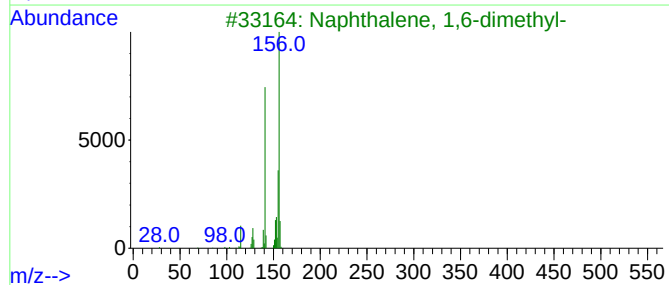
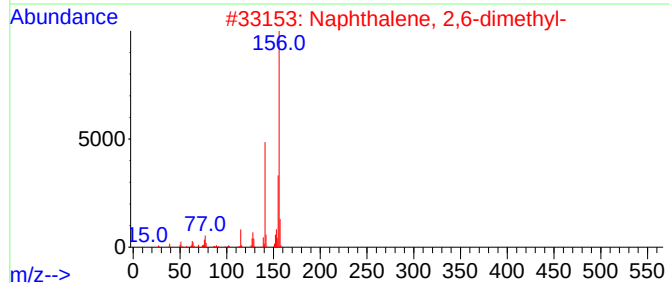
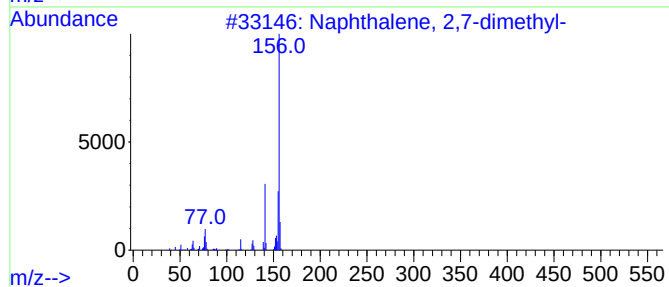
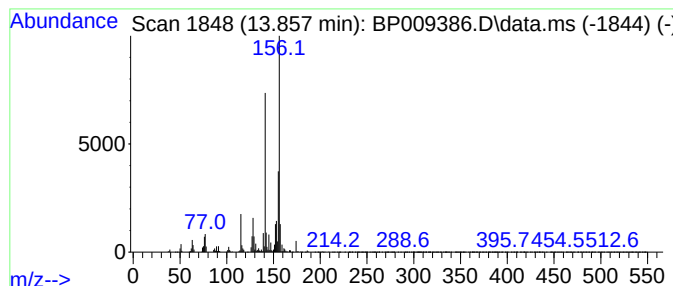
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	27.26 ng	14284900	Acenaphthene-d10	14.475

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
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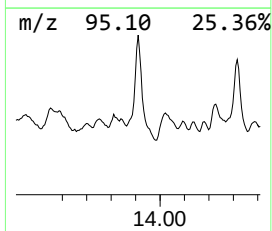
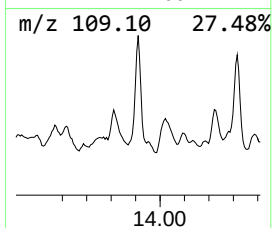
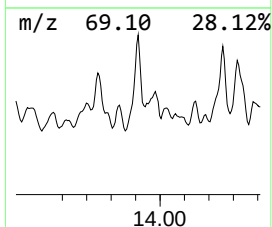
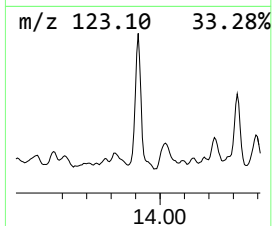
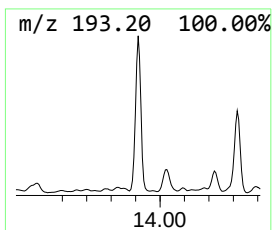
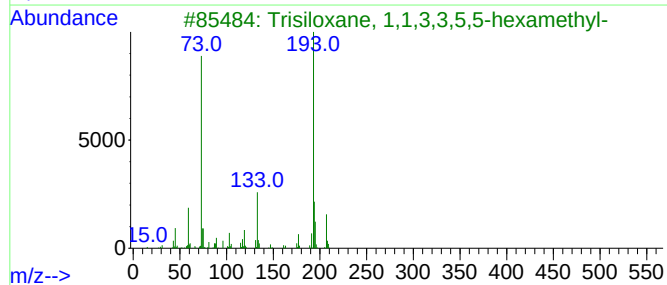
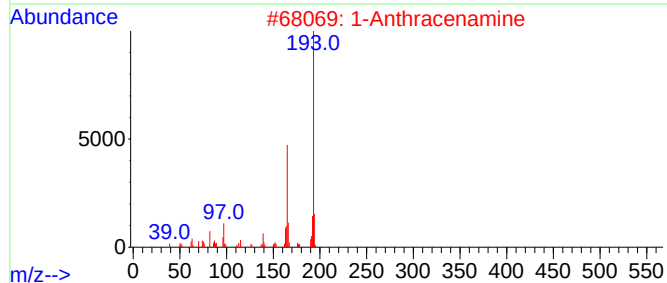
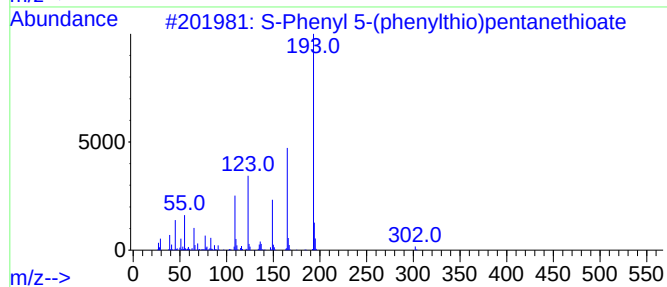
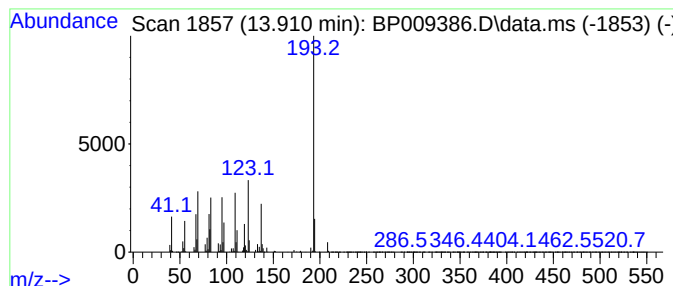
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.910 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	24.63 ng	12905200	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	40
2			1-Anthracenamine	193	C14H11N	000610-49-1	38
3			Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	38
4			3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	37
5			2-Anthracenamine	193	C14H11N	000613-13-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
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Misc :
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Instrument :
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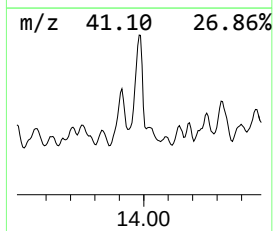
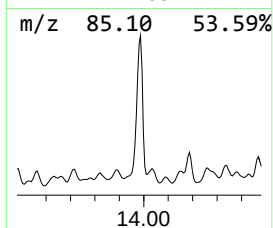
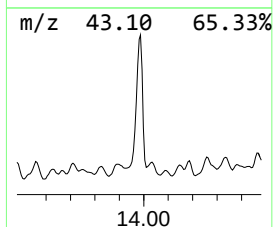
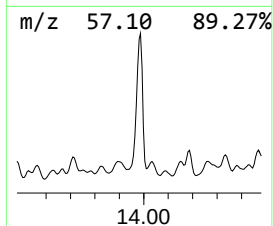
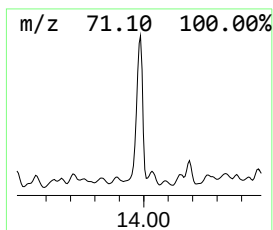
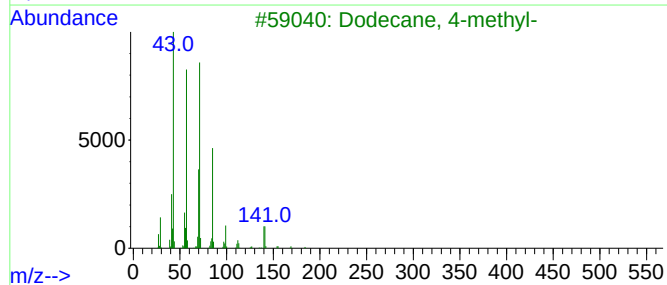
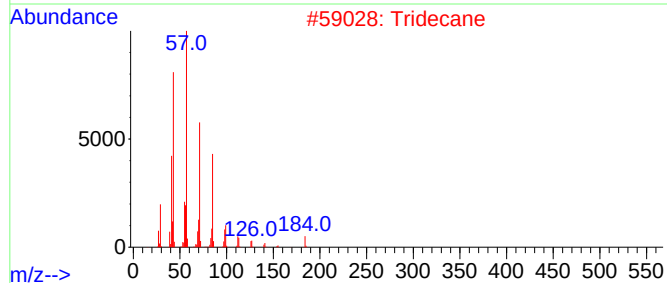
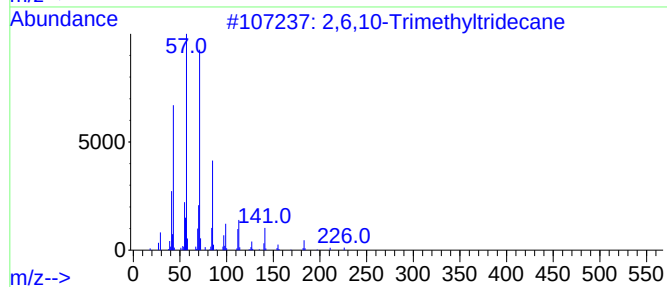
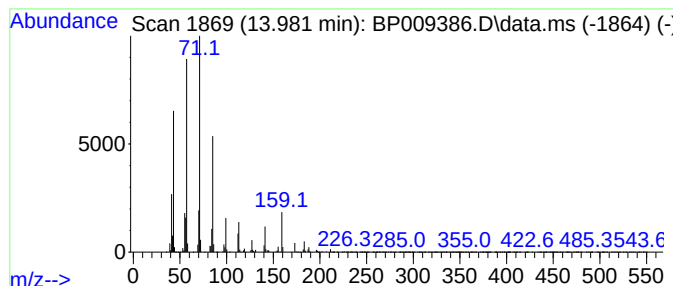
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2,6,10-Trimethyltridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.981	50.86 ng	26655000	Acenaphthene-d10	14.475

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	83
2		Tridecane	184	C13H28	000629-50-5	70
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
4		Hexadecane	226	C16H34	000544-76-3	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
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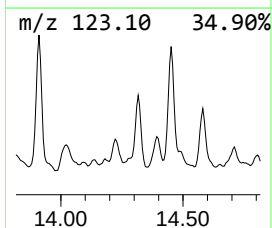
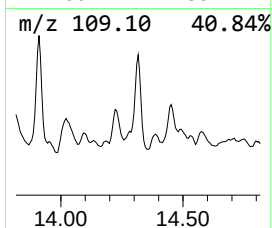
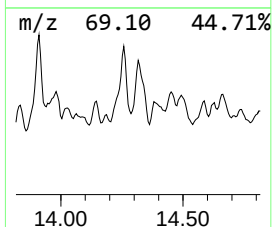
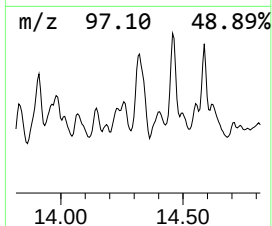
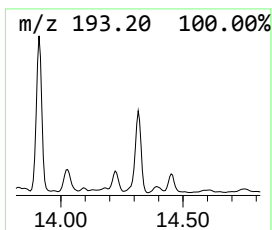
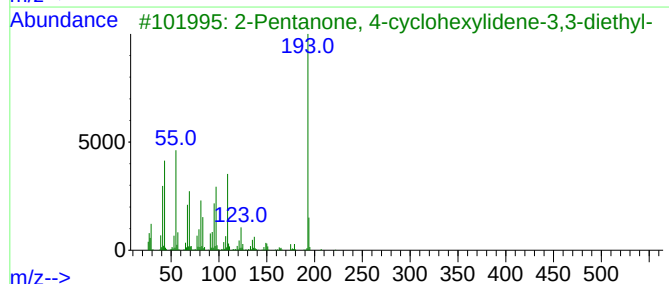
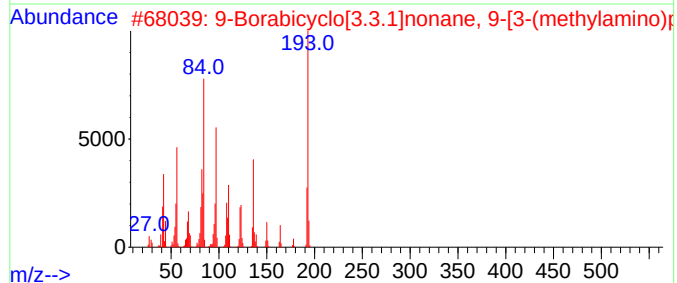
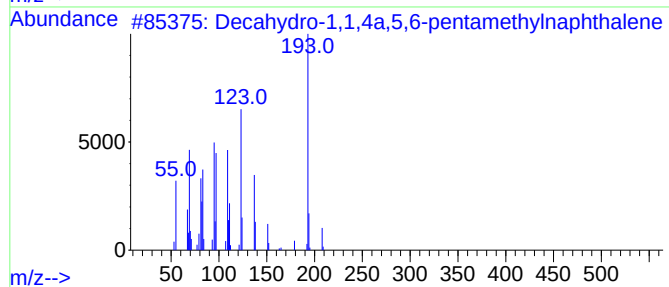
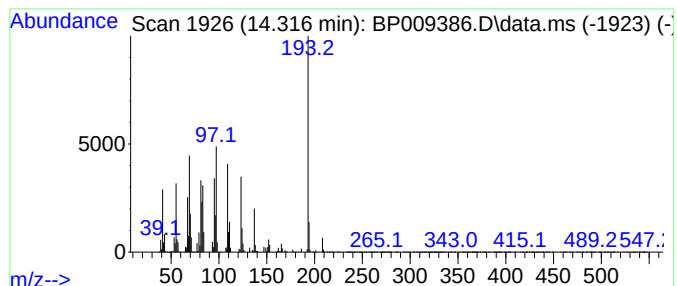
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.316	30.56 ng	16017200	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	50
2			9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	47
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
4			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
5			Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
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ALS Vial : 9 Sample Multiplier: 1

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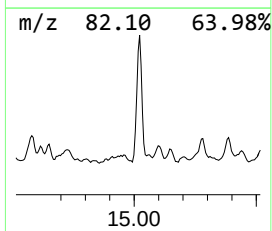
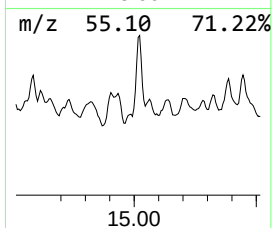
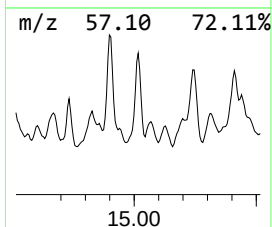
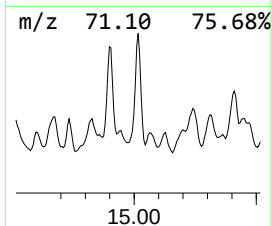
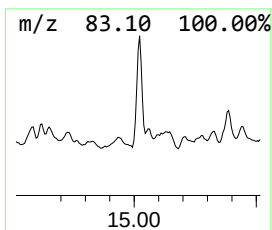
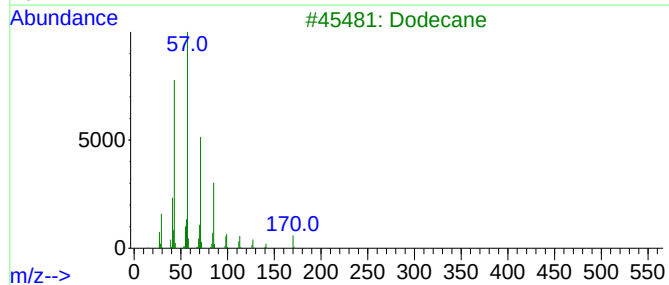
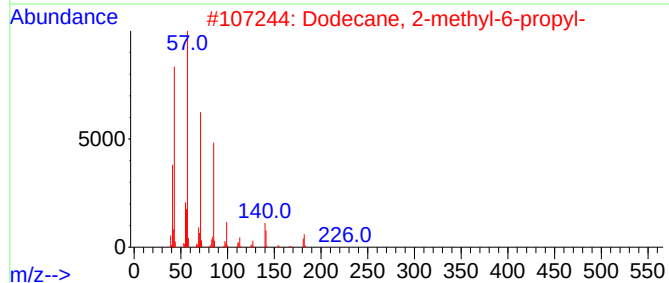
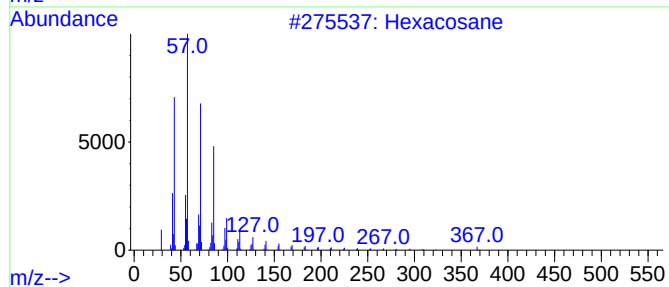
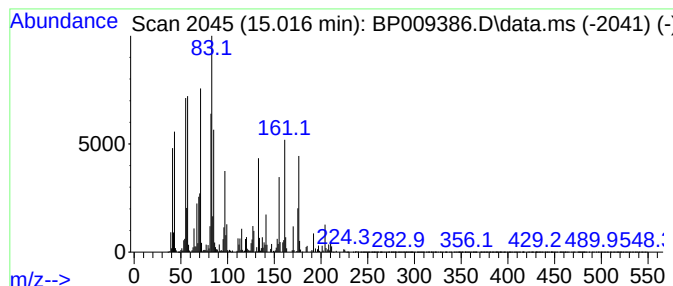
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown15.016 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.016	31.83 ng	16681000	Acenaphthene-d10	14.475

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	22
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	18
3			Dodecane	170	C12H26	000112-40-3	18
4			Nonadecane	268	C19H40	000629-92-5	18
5			Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-3

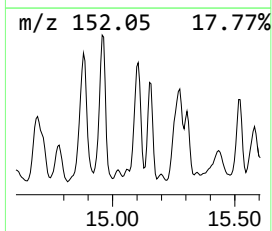
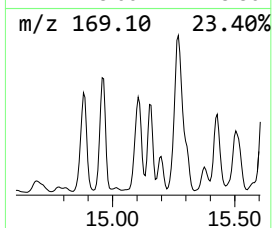
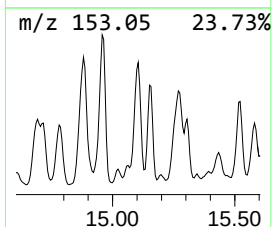
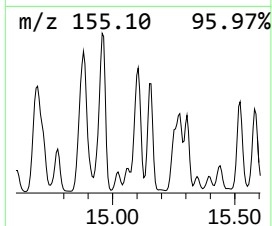
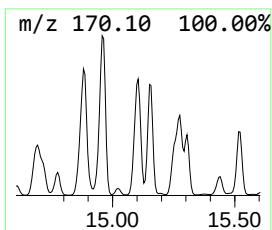
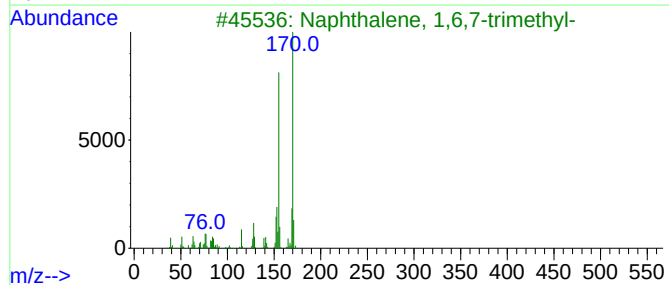
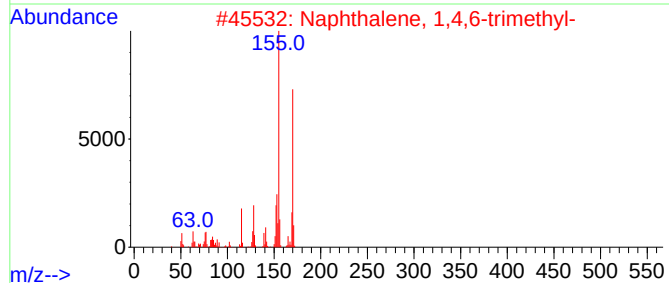
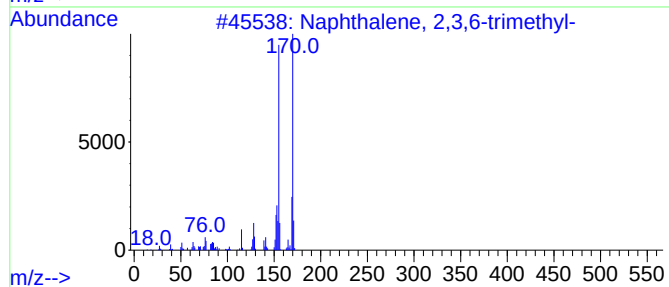
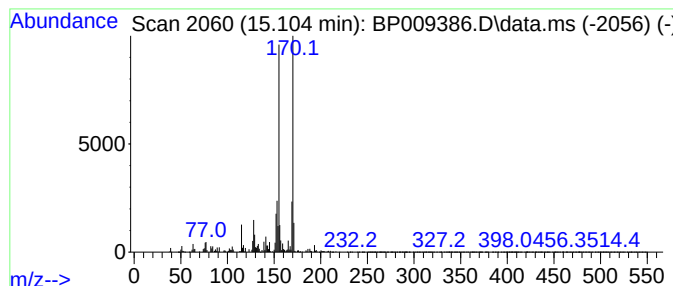
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	30.45 ng	15959600	Acenaphthene-d10	14.475

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

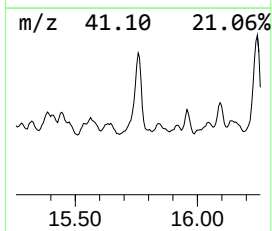
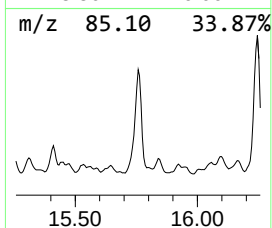
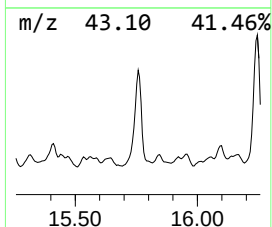
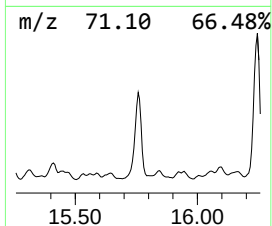
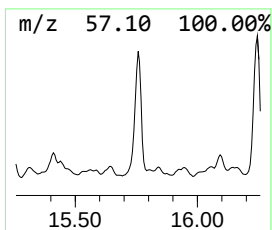
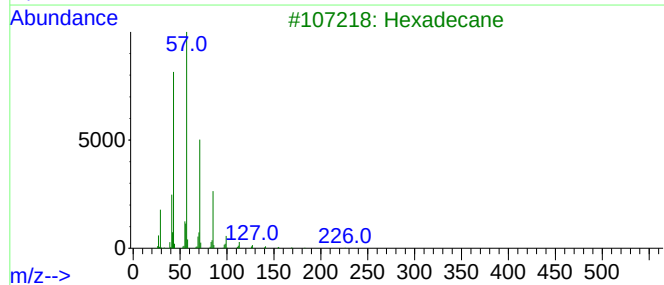
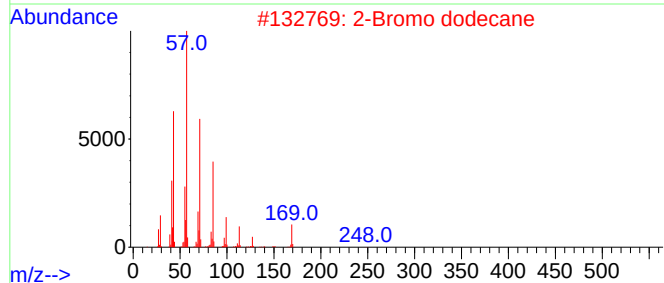
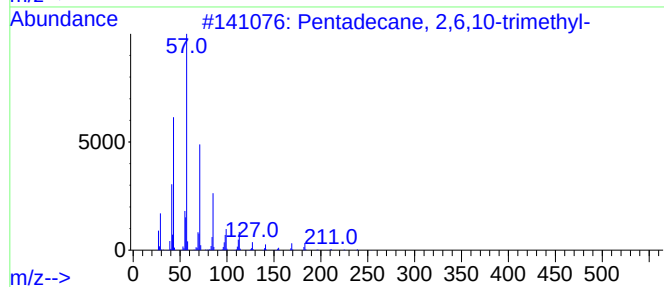
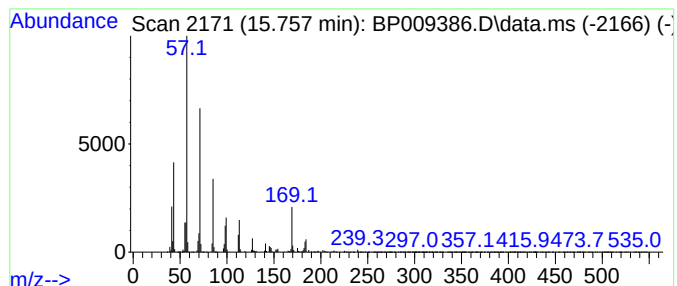
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ClientSampleId :
WC-8-9-3

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.757	45.30 ng	23741700	Acenaphthene-d10		14.475	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	90
2	2-Bromo dodecane		248	C12H25Br	013187-99-0	64
3	Hexadecane		226	C16H34	000544-76-3	60
4	Tridecane, 5-propyl-		226	C16H34	055045-11-9	59
5	Tridecane		184	C13H28	000629-50-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009386.D
Acq On : 14 Mar 2022 17:26
Operator : CG/JU
Sample : N1908-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

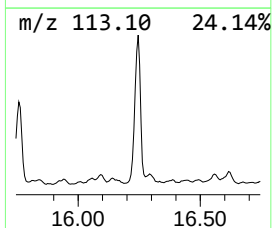
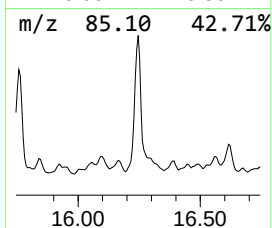
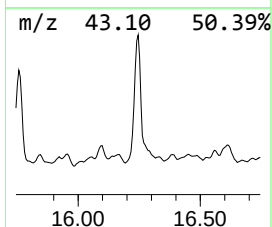
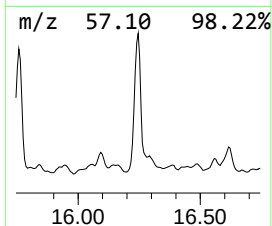
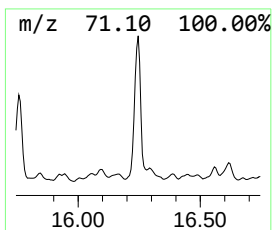
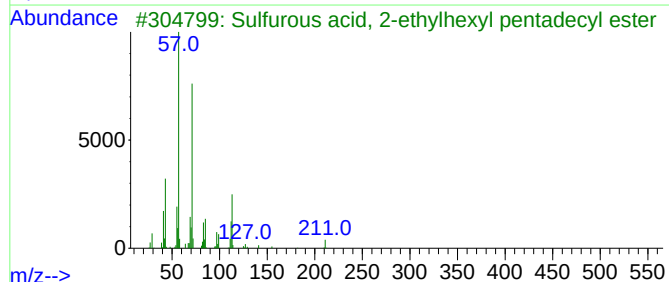
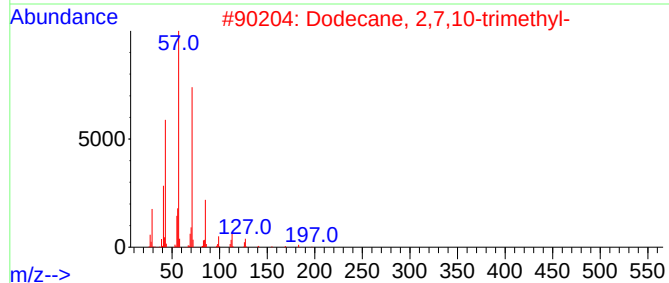
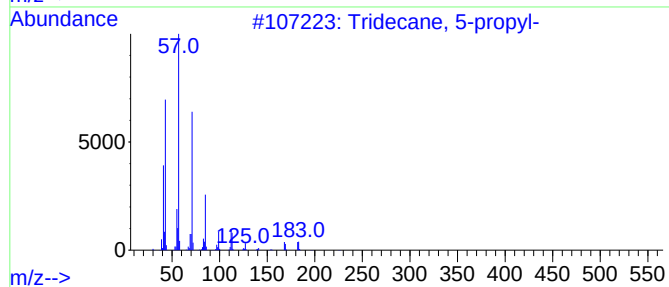
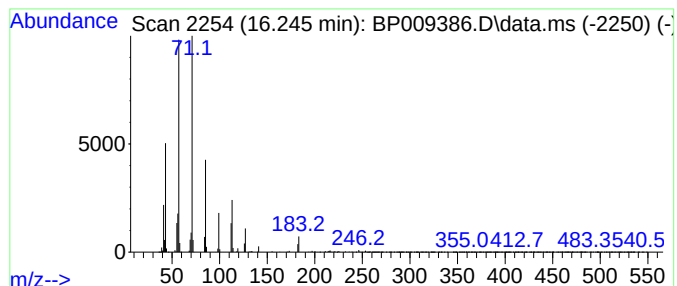
Instrument :
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ClientSampleId :
WC-8-9-3

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

Peak Number 20 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.246	24.26 ng	24021600	Phenanthrene-d10		17.234	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	64
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	53
3	Sulfurous acid, 2-ethylhexyl pen...		404	C23H48O3S	1000309-19-8	53
4	Sulfurous acid, 2-ethylhexyl tet...		390	C22H46O3S	1000309-19-7	53
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009386.D
 Acq On : 14 Mar 2022 17:26
 Operator : CG/JU
 Sample : N1908-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-8-9-3

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Sulfurous acid,...	7.317	23.5	ng	19311100	1	7.816	16430500	20.0
Cyclohexane, bu...	8.116	29.5	ng	24235900	1	7.816	16430500	20.0
unknown9.181	9.181	35.0	ng	28776000	1	7.816	16430500	20.0
unknown9.299	9.299	22.5	ng	21547900	2	10.616	19128000	20.0
Naphthalene, de...	9.810	25.1	ng	24014800	2	10.616	19128000	20.0
Cyclohexane, he...	11.346	28.2	ng	26979100	2	10.616	19128000	20.0
Decane, 5,6-dip...	11.687	48.1	ng	46014200	2	10.616	19128000	20.0
Cyclohexane, pe...	12.763	25.1	ng	13165600	3	14.475	10481100	20.0
Heptadecane, 2,...	13.034	52.7	ng	27607800	3	14.475	10481100	20.0
Naphthalene, 1,...	13.657	52.9	ng	27700600	3	14.475	10481100	20.0
Naphthalene, 2,...	13.804	33.5	ng	17559600	3	14.475	10481100	20.0
Naphthalene, 2,...	13.857	27.3	ng	14284900	3	14.475	10481100	20.0
unknown13.910	13.910	24.6	ng	12905200	3	14.475	10481100	20.0
2,6,10-Trimethy...	13.981	50.9	ng	26655000	3	14.475	10481100	20.0
Decahydro-1,1,4...	14.316	30.6	ng	16017200	3	14.475	10481100	20.0
unknown15.016	15.016	31.8	ng	16681000	3	14.475	10481100	20.0
Naphthalene, 2,...	15.104	30.4	ng	15959600	3	14.475	10481100	20.0
Pentadecane, 2,...	15.757	45.3	ng	23741700	3	14.475	10481100	20.0
Tridecane, 5-pr...	16.246	24.3	ng	24021600	4	17.234	19802400	20.0