

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007238.D
 Acq On : 28 Sep 2021 19:19
 Operator : CG/JU
 Sample : M3960-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RAMB-MW12-GW

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-BP092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.581	79	84	91	rVB2	92276	153143	1.27%	0.112%
2	3.816	119	124	133	rVB4	74848	202398	1.67%	0.148%
3	4.052	158	164	169	rBV	1001021	1311163	10.85%	0.958%
4	4.305	202	207	212	rBV	176979	235372	1.95%	0.172%
5	4.364	212	217	226	rVB3	232532	392986	3.25%	0.287%
6	5.081	334	339	345	rVB4	73757	139032	1.15%	0.102%
7	5.381	382	390	397	rBV	4545394	6549861	54.18%	4.788%
8	5.458	397	403	409	rVV	1730760	2610419	21.59%	1.908%
9	5.534	409	416	423	rVV	2965677	4473466	37.00%	3.270%
10	5.887	467	476	486	rVB	1354003	2144752	17.74%	1.568%
11	6.363	552	557	567	rVB	213690	357633	2.96%	0.261%
12	6.852	635	640	647	rVB	397254	608292	5.03%	0.445%
13	6.963	653	659	663	rVB	168332	243056	2.01%	0.178%
14	7.022	663	669	672	rBV	995623	1656193	13.70%	1.211%
15	7.052	672	674	678	rVV	1078684	1500981	12.42%	1.097%
16	7.099	678	682	688	rVB	2548980	3828371	31.67%	2.799%
17	7.269	702	711	716	rBV	3007001	4750243	39.29%	3.473%
18	7.528	748	755	763	rVB	4642096	7192860	59.50%	5.258%
19	7.875	808	814	819	rBV	639960	1028188	8.51%	0.752%
20	7.922	819	822	828	rVV3	101077	229568	1.90%	0.168%
21	7.993	828	834	841	rVB	3788950	5934786	49.09%	4.338%
22	8.157	851	862	871	rBV4	272374	632598	5.23%	0.462%
23	8.252	871	878	886	rVV	3276702	5165665	42.73%	3.776%
24	8.369	892	898	901	rBV	327485	489644	4.05%	0.358%
25	8.416	901	906	916	rVB2	805634	1474455	12.20%	1.078%
26	8.516	917	923	930	rBV	1026382	1772955	14.67%	1.296%
27	8.569	930	932	942	rVB	96670	138060	1.14%	0.101%
28	8.681	942	951	962	rBV	234672	494322	4.09%	0.361%
29	8.834	969	977	981	rBV	550955	960786	7.95%	0.702%
30	8.887	981	986	991	rVV2	361921	660761	5.47%	0.483%
31	8.987	991	1003	1007	rVV	1196579	2379682	19.68%	1.740%
32	9.046	1007	1013	1024	rVB2	2170330	4496142	37.19%	3.287%
33	9.316	1053	1059	1068	rVB	326655	530036	4.38%	0.387%
34	9.504	1085	1091	1096	rBV	522741	819466	6.78%	0.599%
35	9.569	1096	1102	1107	rBV	626600	986814	8.16%	0.721%
36	9.651	1111	1116	1120	rBV2	101549	156325	1.29%	0.114%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007238.D
 Acq On : 28 Sep 2021 19:19
 Operator : CG/JU
 Sample : M3960-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RAMB-MW12-GW

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-BP092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.887	1148	1156	1159	rBV4	142950	304192	2.52%	0.222%
38	9.928	1159	1163	1176	rVB	495144	876138	7.25%	0.640%
39	10.075	1176	1188	1197	rBV2	1421681	2809383	23.24%	2.054%
40	10.175	1197	1205	1217	rVV7	82171	299321	2.48%	0.219%
41	10.316	1224	1229	1234	rVB2	233518	388502	3.21%	0.284%
42	10.381	1234	1240	1250	rVB3	121425	246720	2.04%	0.180%
43	10.557	1263	1270	1274	rBV2	76696	150422	1.24%	0.110%
44	10.681	1284	1291	1295	rBV	812743	1441086	11.92%	1.053%
45	10.728	1295	1299	1306	rVV	1127440	1912773	15.82%	1.398%
46	10.793	1306	1310	1314	rVB	98983	147214	1.22%	0.108%
47	10.846	1314	1319	1325	rVB	443661	716674	5.93%	0.524%
48	11.222	1375	1383	1390	rBV5	304068	851362	7.04%	0.622%
49	11.298	1390	1396	1400	rBV3	183186	310674	2.57%	0.227%
50	11.357	1400	1406	1411	rVV2	310221	514073	4.25%	0.376%
51	11.545	1430	1438	1443	rBV5	74006	167666	1.39%	0.123%
52	11.651	1451	1456	1458	rBV	97161	158505	1.31%	0.116%
53	11.693	1458	1463	1471	rVV3	206821	595810	4.93%	0.436%
54	11.793	1475	1480	1484	rVV3	244561	453202	3.75%	0.331%
55	11.828	1484	1486	1490	rVB	149042	182245	1.51%	0.133%
56	11.910	1496	1500	1505	rVB2	125685	192129	1.59%	0.140%
57	12.069	1520	1527	1535	rVB2	254971	477172	3.95%	0.349%
58	12.228	1549	1554	1563	rVB3	172260	403606	3.34%	0.295%
59	12.328	1563	1571	1577	rBV4	138702	350876	2.90%	0.256%
60	12.463	1588	1594	1597	rBV4	81738	136004	1.13%	0.099%
61	12.498	1597	1600	1604	rVV	118276	185734	1.54%	0.136%
62	12.563	1604	1611	1618	rVV3	730824	1680548	13.90%	1.229%
63	12.651	1620	1626	1629	rVV2	516064	1266869	10.48%	0.926%
64	12.687	1629	1632	1647	rVV3	533429	1390357	11.50%	1.016%
65	12.863	1648	1662	1667	rVV	747894	1751057	14.48%	1.280%
66	12.916	1667	1671	1675	rVV3	146330	302970	2.51%	0.221%
67	12.975	1675	1681	1689	rVB4	453070	956954	7.92%	0.700%
68	13.140	1700	1709	1716	rVB	5812146	8637096	71.45%	6.314%
69	13.481	1763	1767	1772	rVB	291558	440034	3.64%	0.322%
70	13.545	1772	1778	1788	rBV2	543455	1169415	9.67%	0.855%
71	13.651	1791	1796	1799	rVV2	403331	727682	6.02%	0.532%
72	13.687	1799	1802	1807	rVV	833056	1286601	10.64%	0.941%
73	13.734	1807	1810	1811	rVV	198738	247234	2.05%	0.181%
74	13.757	1811	1814	1820	rVV2	361902	659593	5.46%	0.482%
75	13.828	1824	1826	1831	rVV3	153421	252824	2.09%	0.185%
76	13.875	1831	1834	1840	rVB4	89247	149856	1.24%	0.110%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007238.D
 Acq On : 28 Sep 2021 19:19
 Operator : CG/JU
 Sample : M3960-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RAMB-MW12-GW

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-BP092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.016	1851	1858	1869	rBV3	202152	605146	5.01%	0.442%
78	14.163	1877	1883	1889	rBV	413832	643550	5.32%	0.470%
79	14.222	1889	1893	1898	rVB	201610	281175	2.33%	0.206%
80	14.310	1899	1908	1924	rVB4	197415	735215	6.08%	0.537%
81	14.439	1924	1930	1933	rBV2	106214	176427	1.46%	0.129%
82	14.510	1937	1942	1951	rVB	1352016	2113577	17.48%	1.545%
83	14.639	1959	1964	1967	rBV2	151833	214035	1.77%	0.156%
84	14.704	1970	1975	1985	rVB5	135001	327217	2.71%	0.239%
85	14.839	1994	1998	2006	rVB4	78361	161699	1.34%	0.118%
86	14.939	2006	2015	2019	rBV3	210550	367147	3.04%	0.268%
87	15.010	2019	2027	2037	rVB	247598	579696	4.80%	0.424%
88	16.004	2190	2196	2209	rBV	4924053	7369874	60.96%	5.387%
89	17.263	2405	2410	2419	rVB	1619701	2358567	19.51%	1.724%
90	18.151	2556	2561	2570	rBV	410913	613808	5.08%	0.449%
91	18.245	2574	2577	2583	rVB2	84617	128998	1.07%	0.094%
92	19.269	2747	2751	2759	rVB2	143502	200512	1.66%	0.147%
93	19.380	2766	2770	2781	rBV	267145	412357	3.41%	0.301%
94	19.822	2840	2845	2850	rBV	9576408	12088984	100.00%	8.837%
95	21.057	3052	3055	3059	rBV	180723	233385	1.93%	0.171%
96	21.351	3100	3105	3113	rBV	1995101	2562667	21.20%	1.873%
97	23.762	3509	3515	3524	rVB2	1361843	2730729	22.59%	1.996%

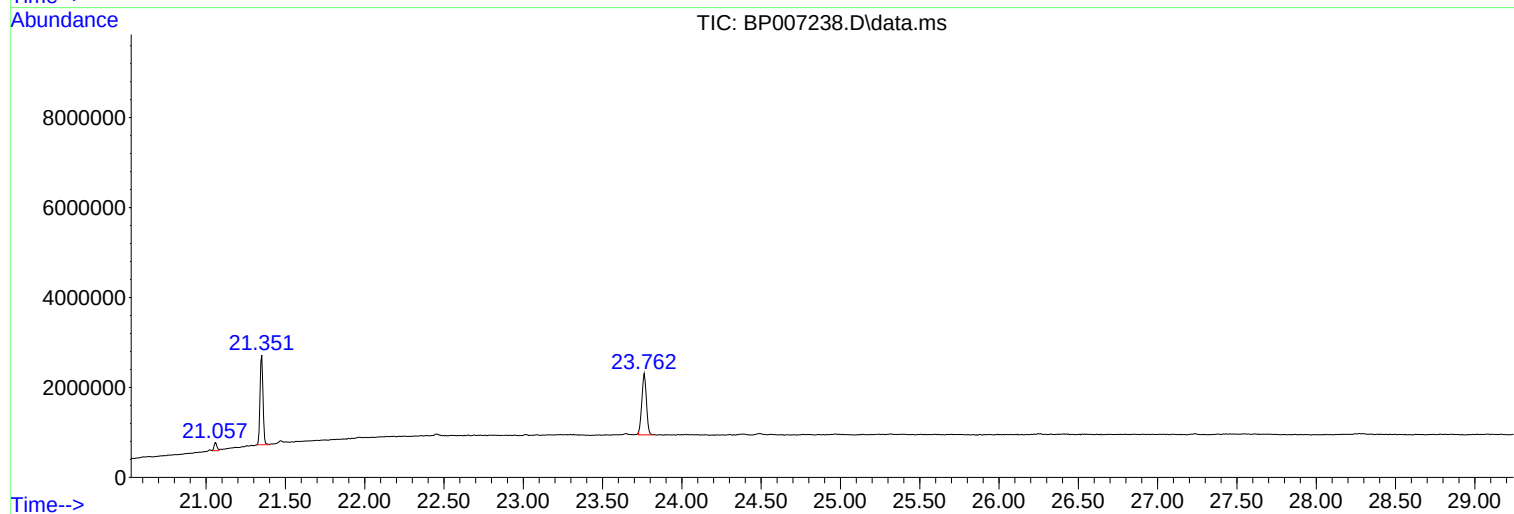
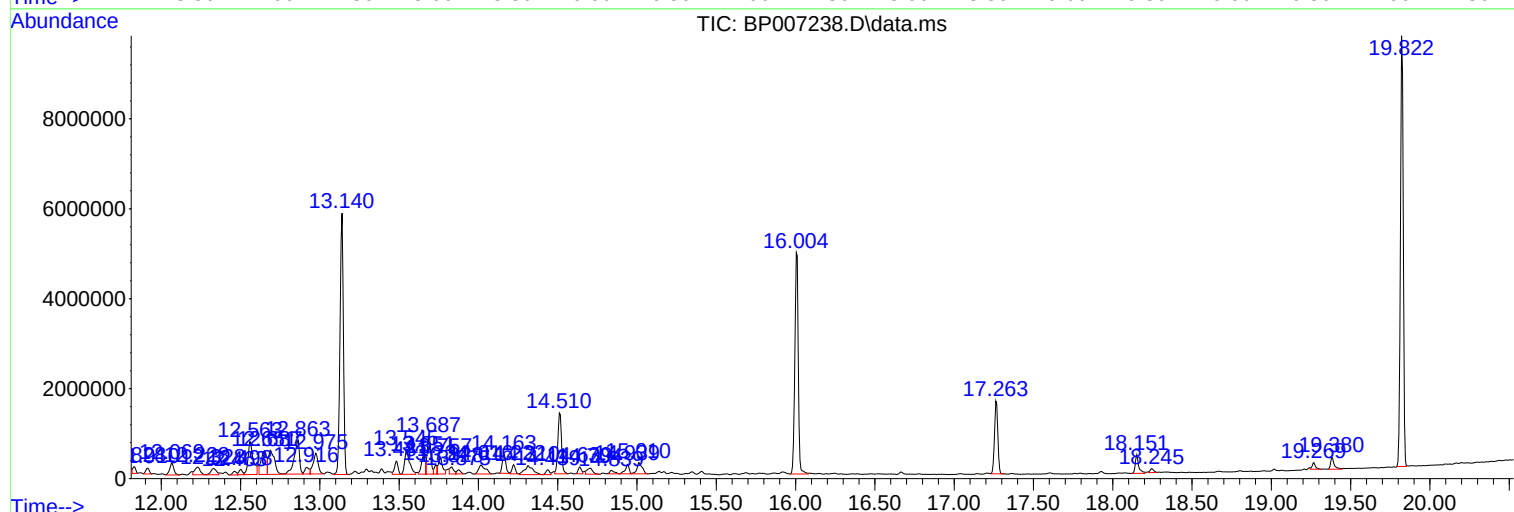
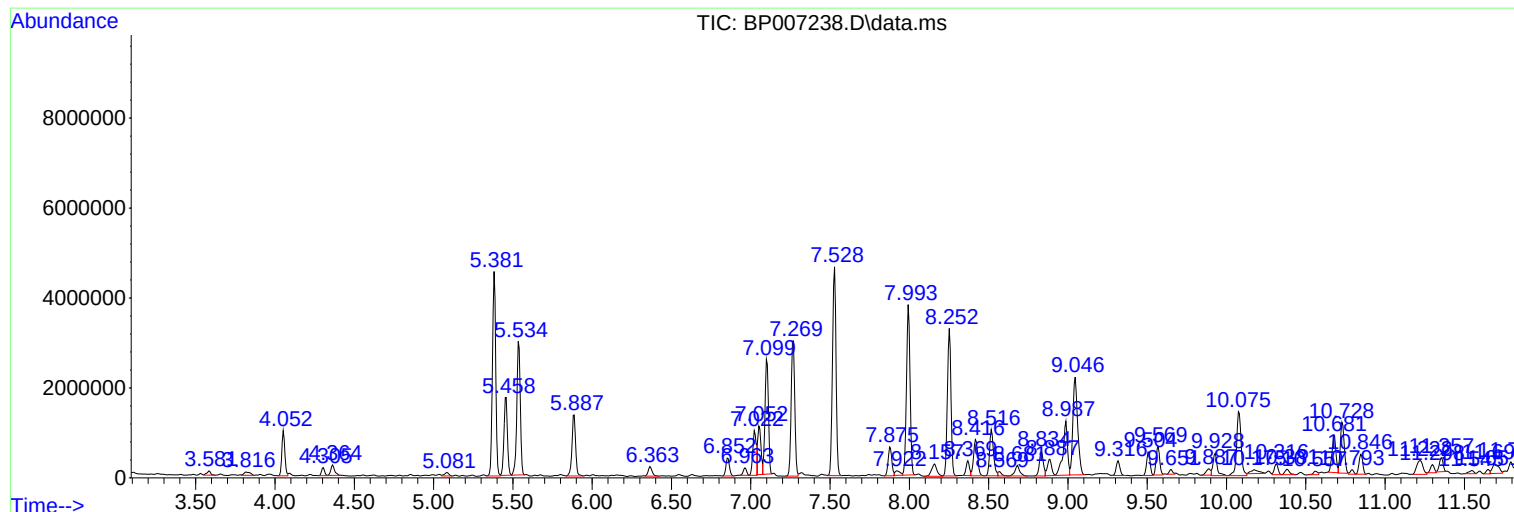
Sum of corrected areas: 136795812

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

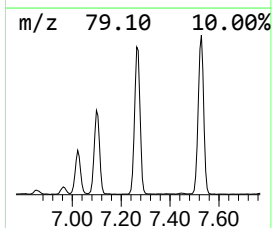
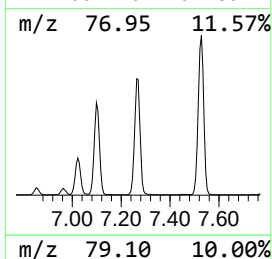
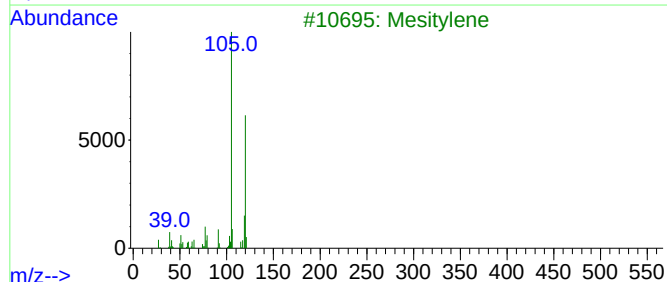
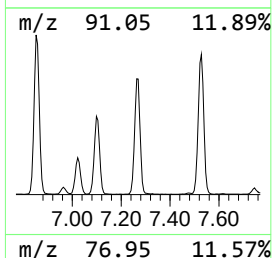
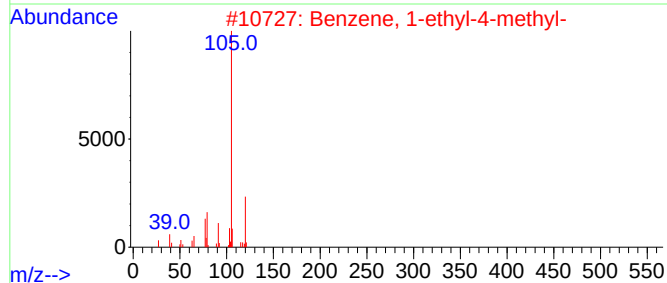
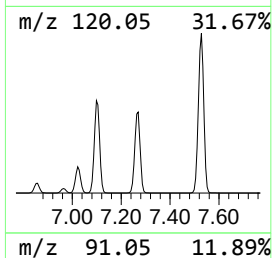
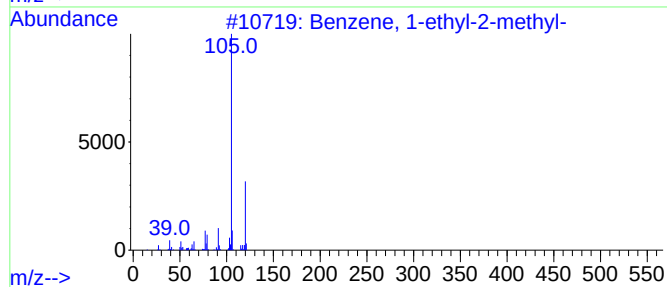
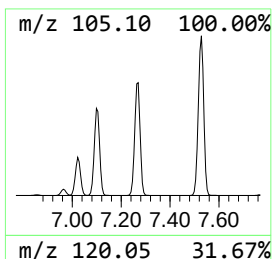
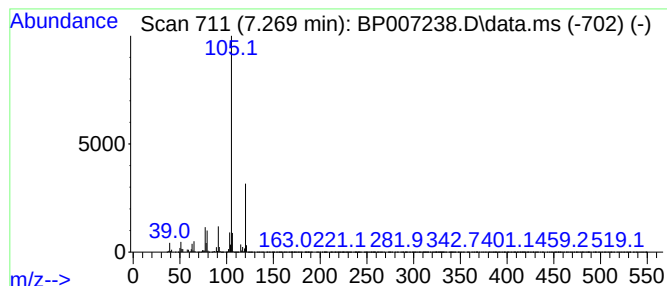
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	92.40 ng	4750240	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

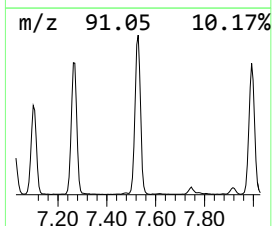
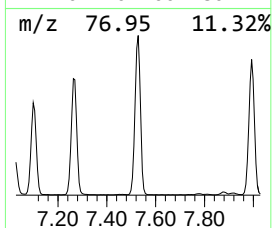
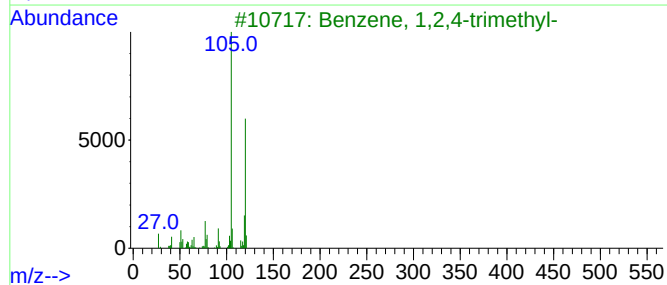
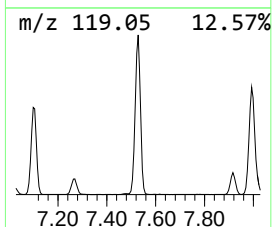
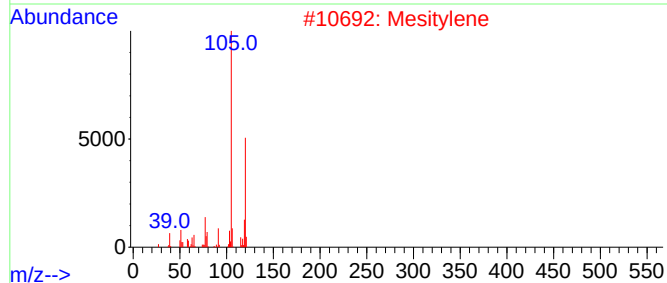
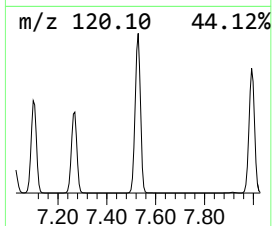
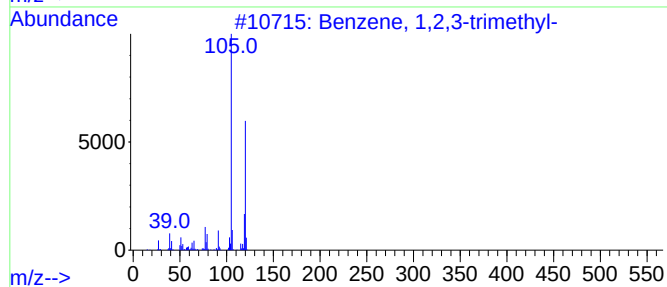
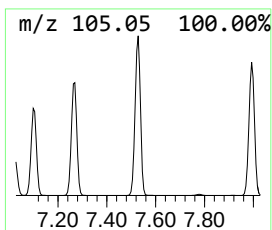
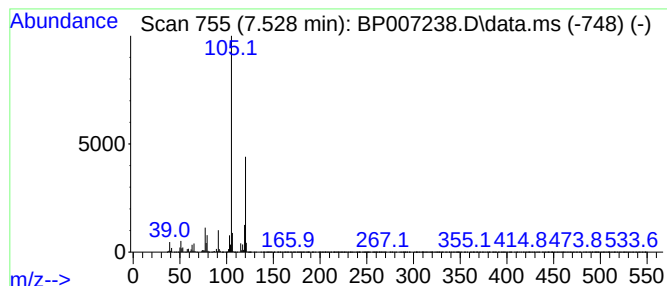
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	139.91 ng	7192860	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

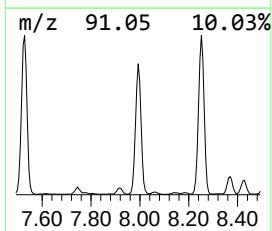
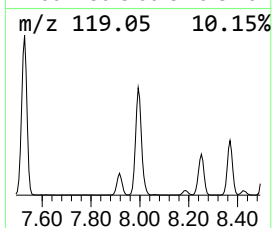
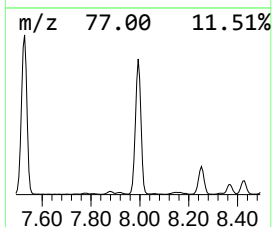
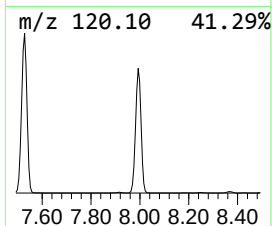
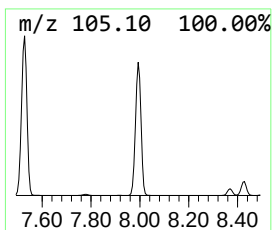
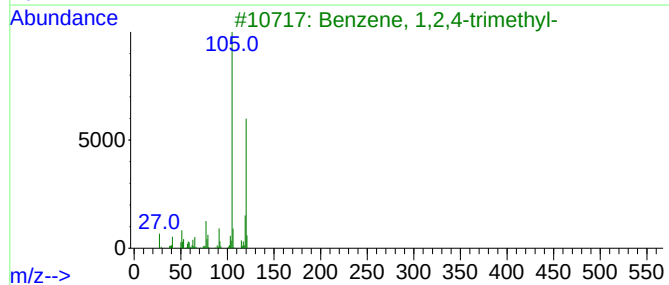
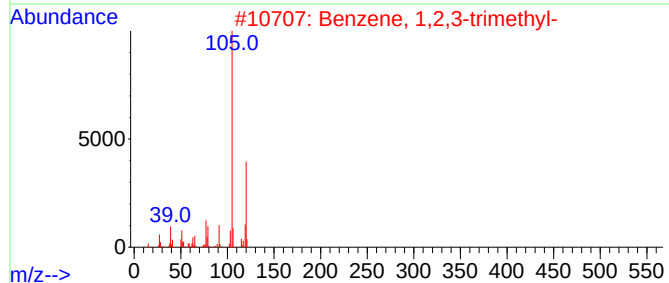
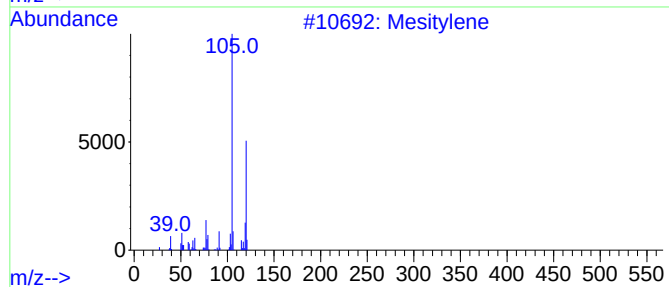
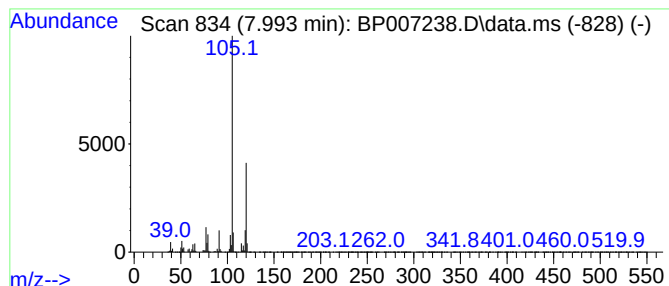
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.993	115.44 ng	5934790	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

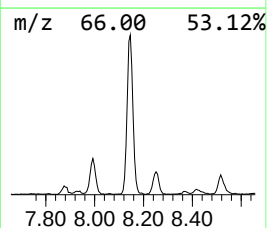
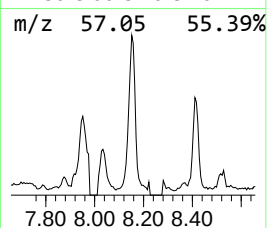
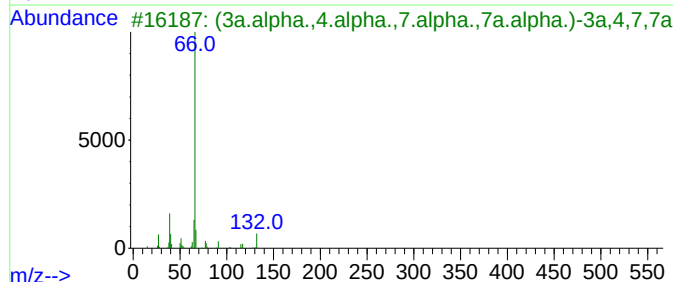
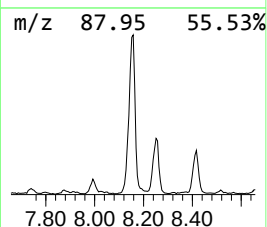
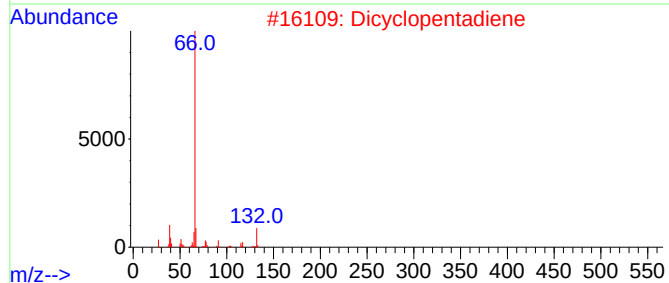
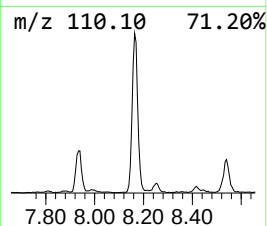
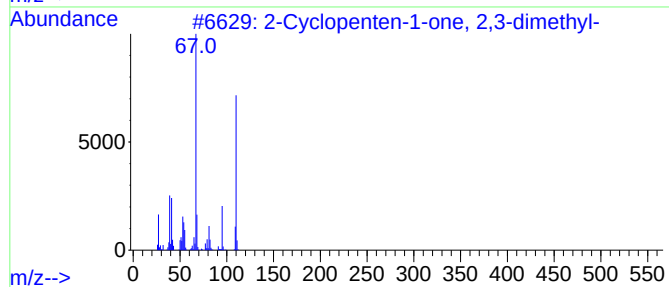
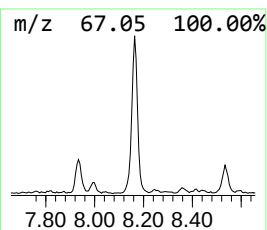
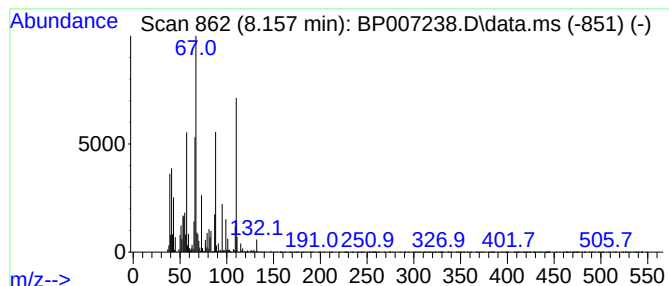
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.157 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	12.31 ng	632598	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	38
2			Dicyclopentadiene	132	C10H12	000077-73-6	30
3			(3a.alpha.,4.alpha.,7.alpha.,7a....	132	C10H12	001755-01-7	27
4			4-Pentyn-1-ol	84	C5H8O	005390-04-5	27
5			4,7-Methano-1H-inden-1-one, 2,3,...	148	C10H12O	086105-40-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

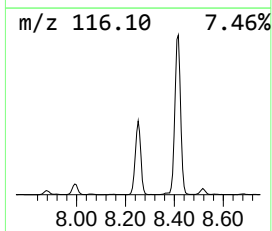
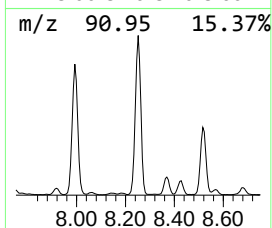
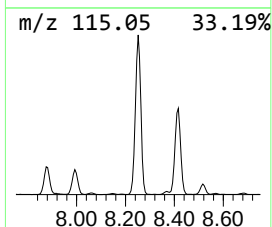
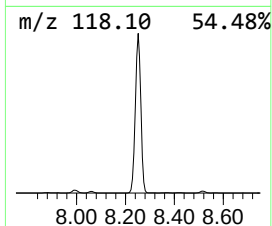
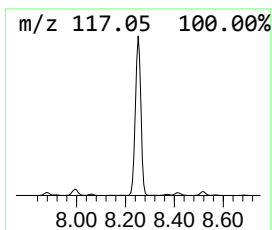
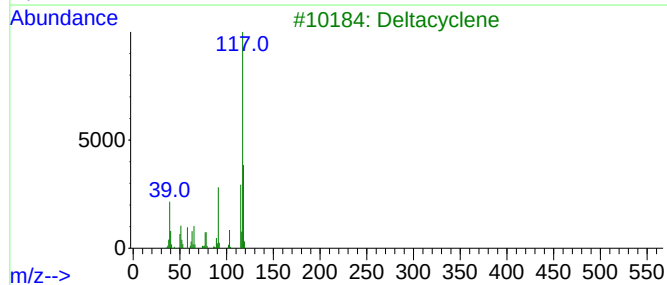
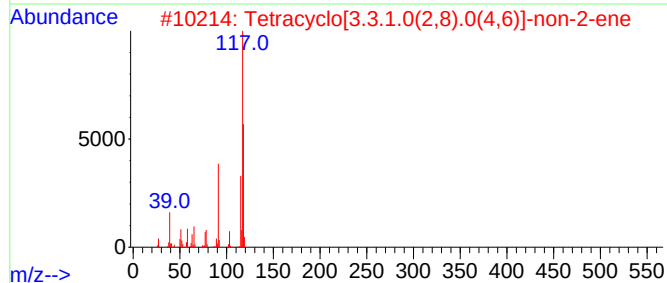
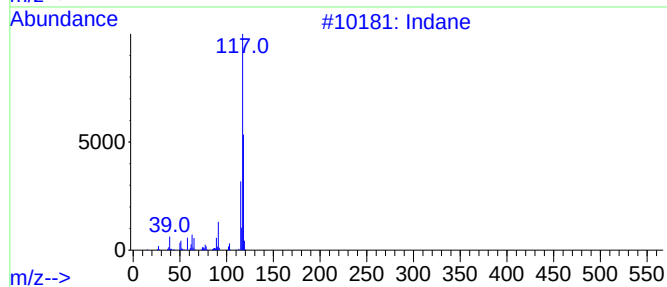
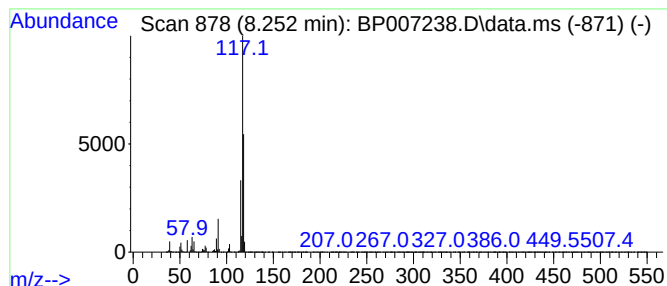
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.252	100.48 ng	5165670	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3			Deltacyclene	118	C9H10	007785-10-6	72
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

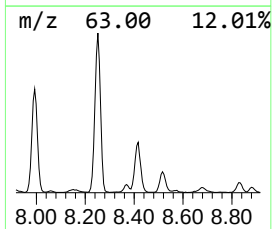
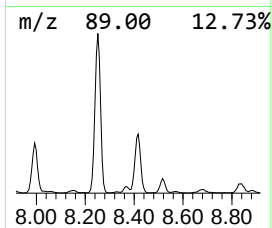
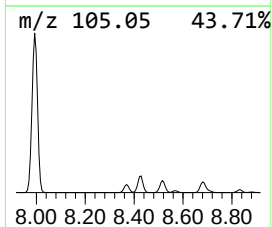
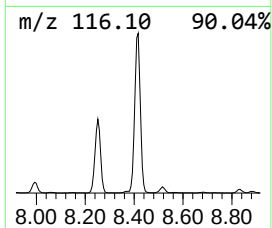
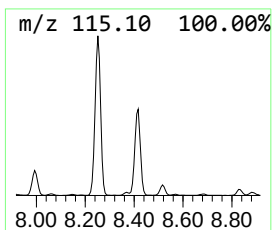
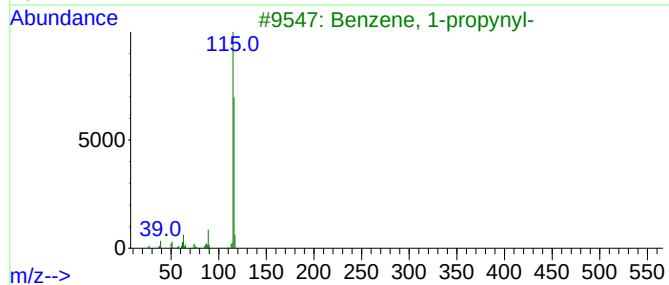
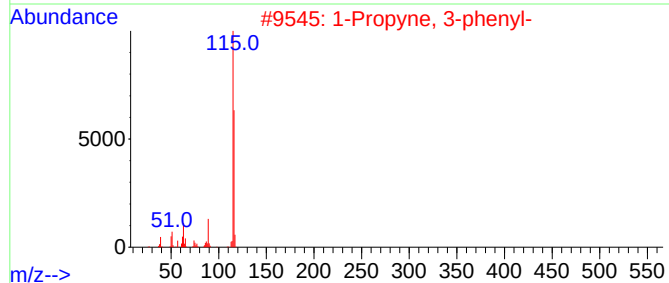
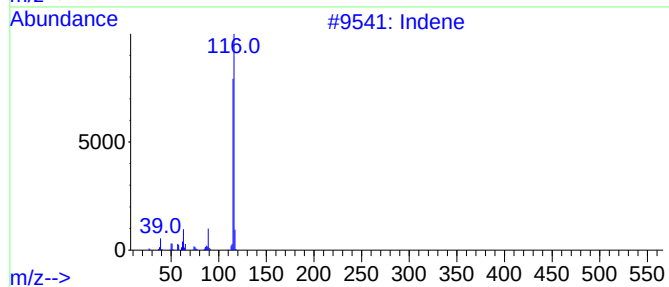
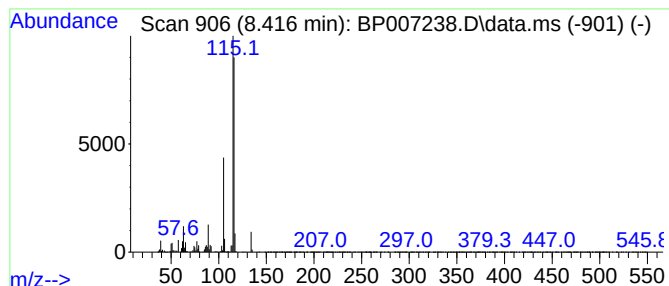
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Indene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	28.68 ng	1474460	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5			3-Methylphenylacetylene	116	C9H8	000766-82-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

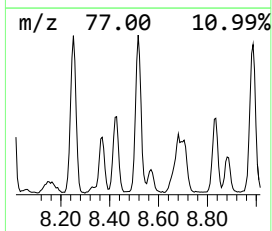
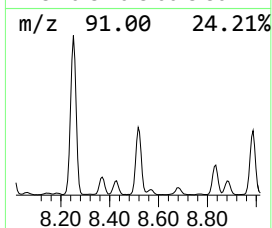
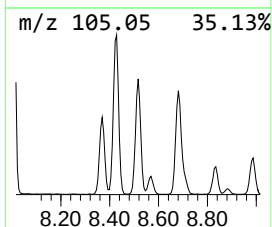
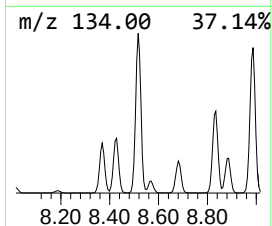
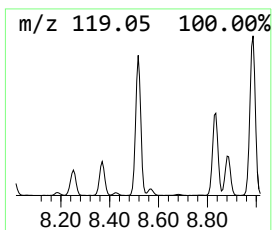
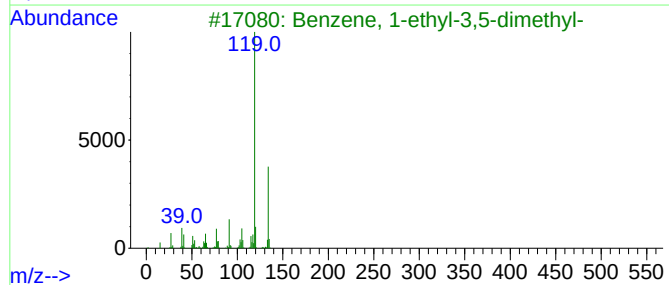
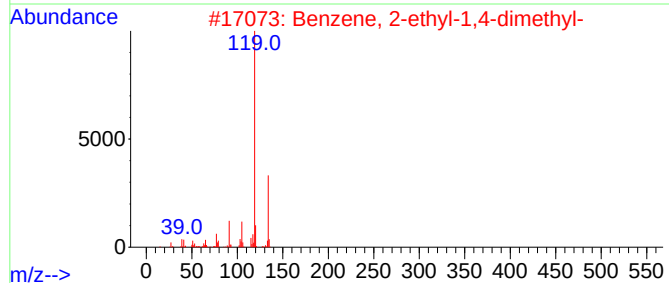
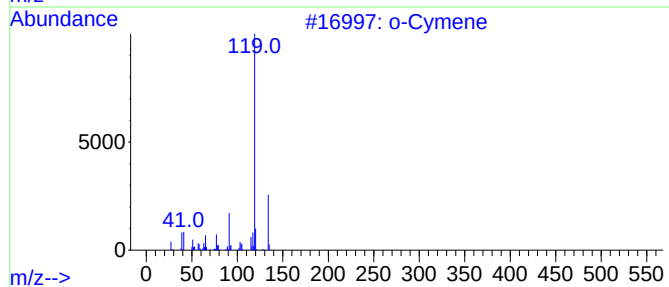
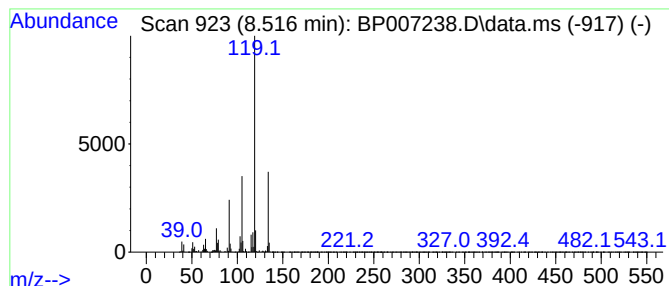
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	34.49 ng	1772960	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5			p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

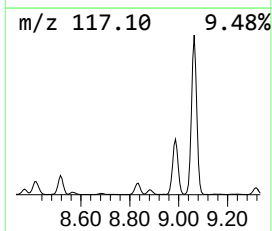
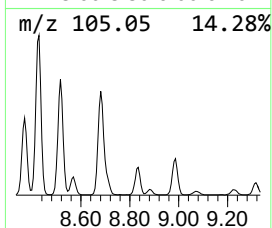
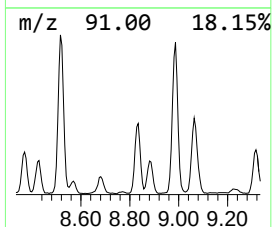
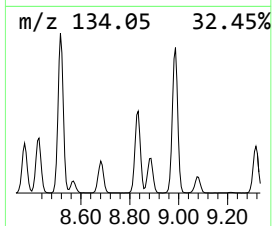
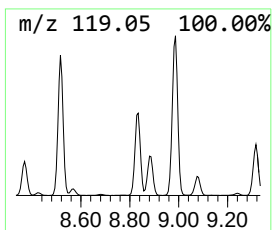
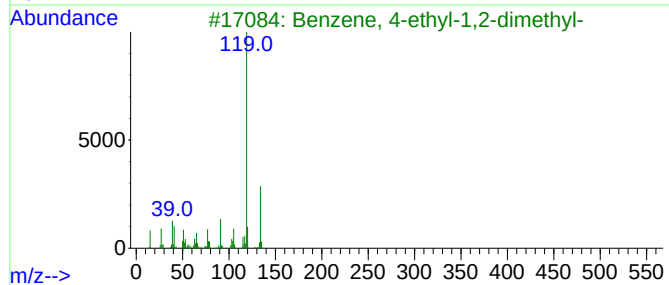
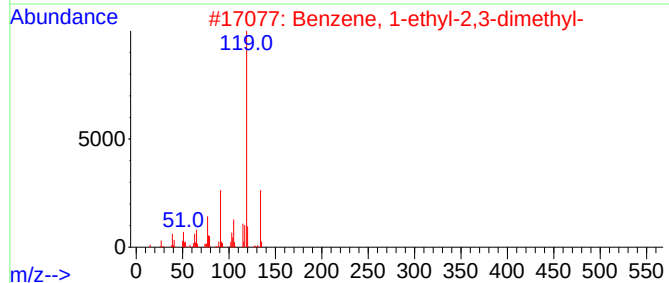
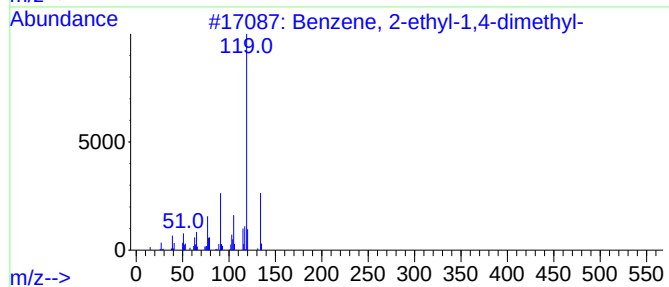
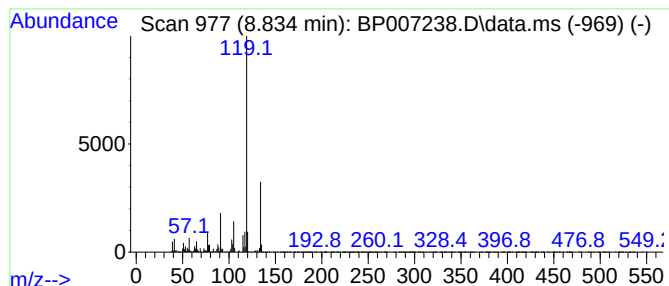
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.834	18.69 ng	960786	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

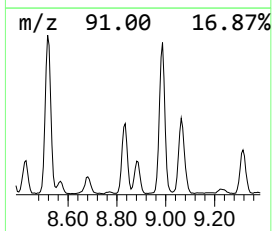
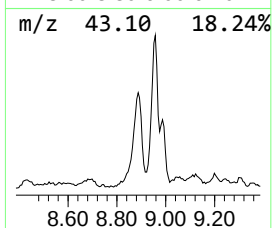
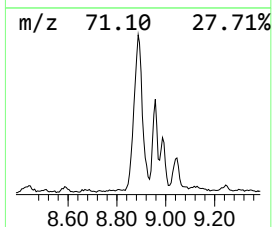
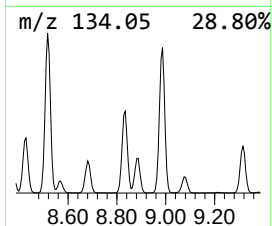
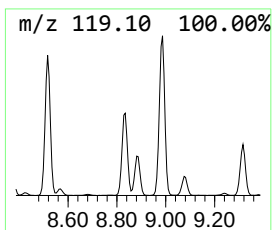
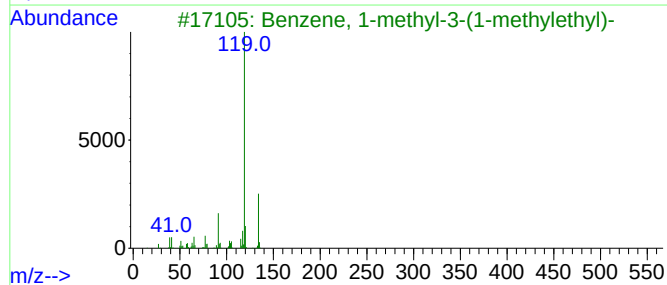
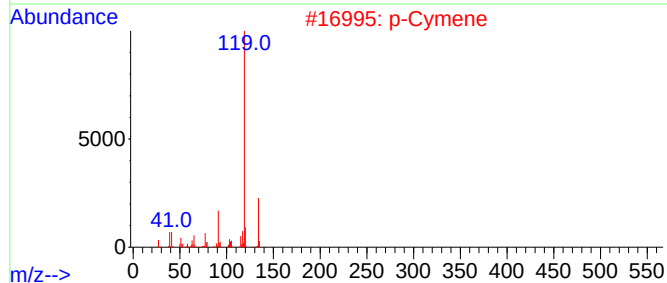
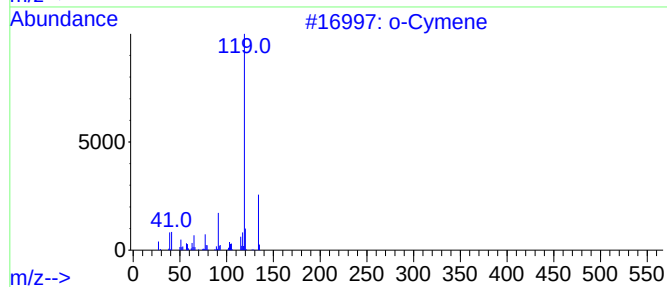
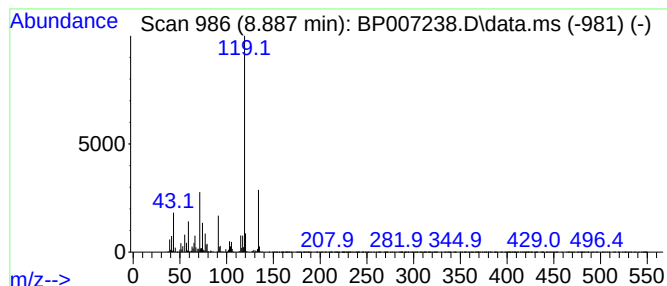
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.887	12.85 ng	660761	1,4-Dichlorobenzene-d4	7.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			p-Cymene	134	C10H14	000099-87-6	93
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

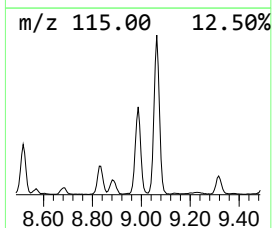
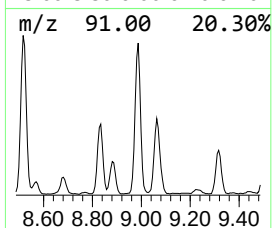
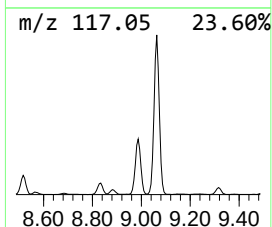
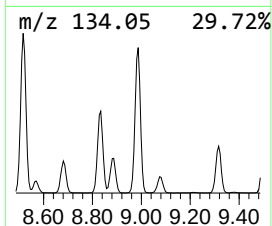
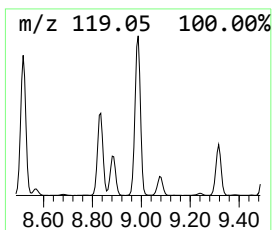
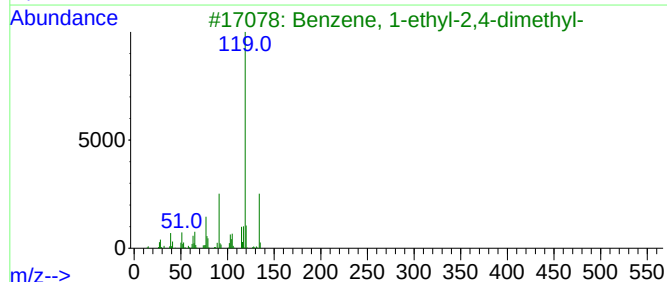
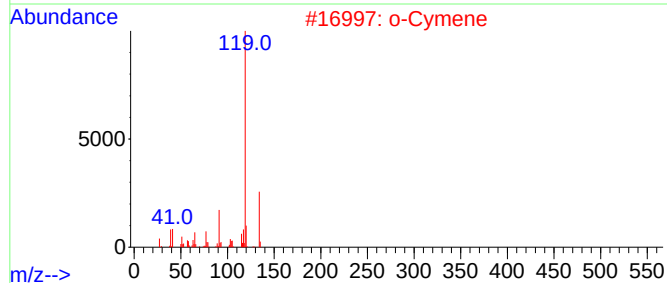
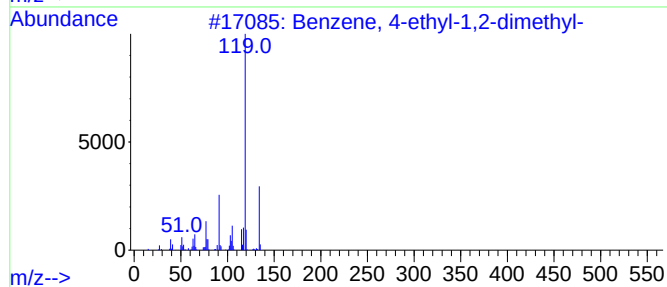
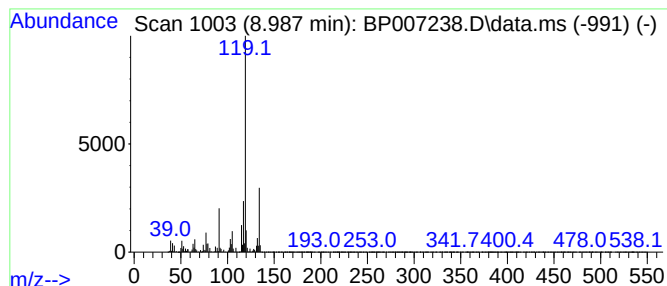
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.987	46.29 ng	2379680	1,4-Dichlorobenzene-d4	7.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

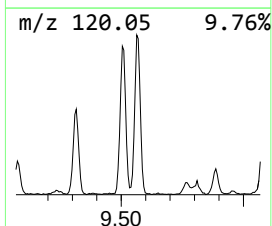
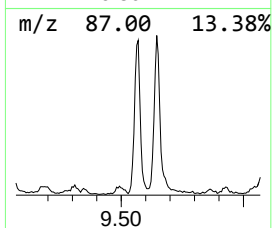
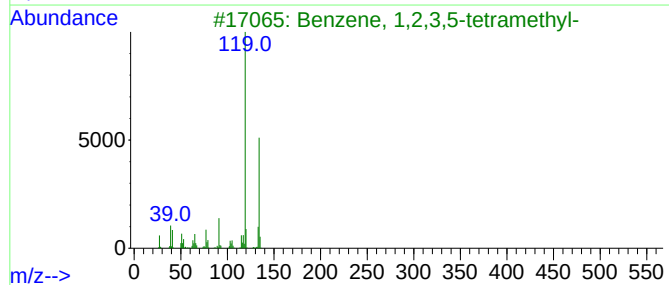
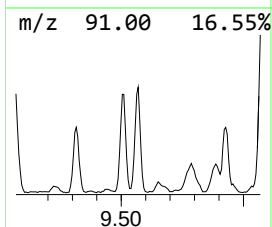
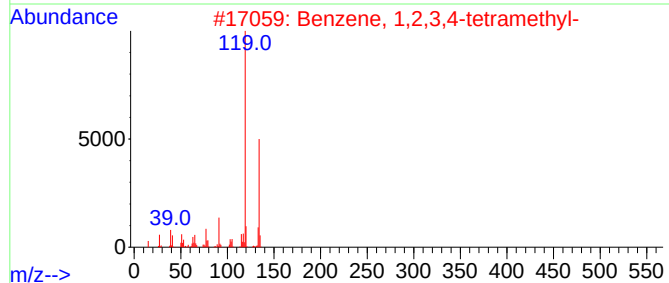
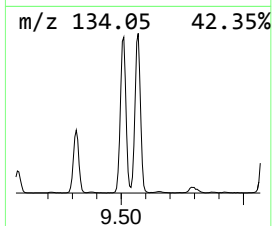
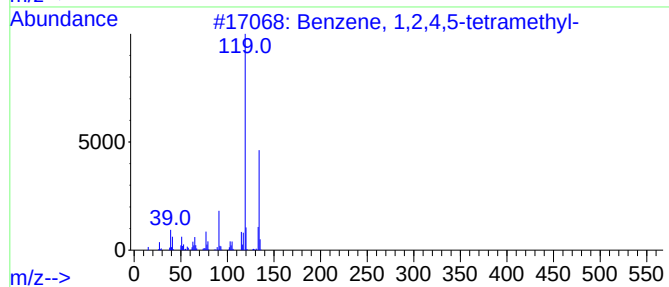
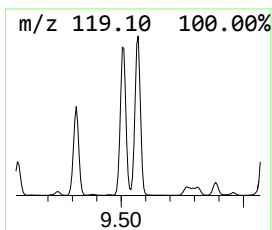
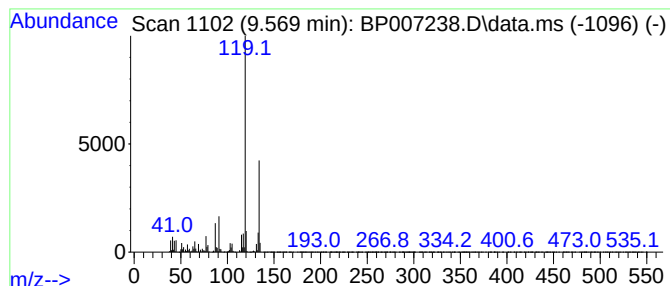
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	13.70 ng	986814	Naphthalene-d8	10.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

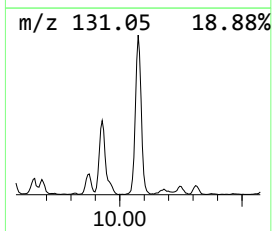
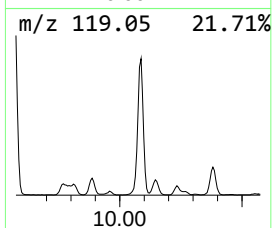
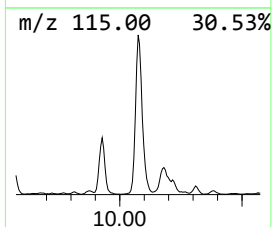
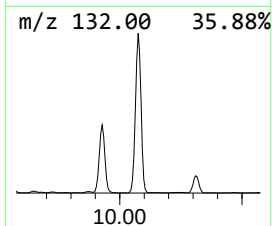
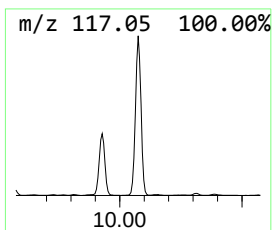
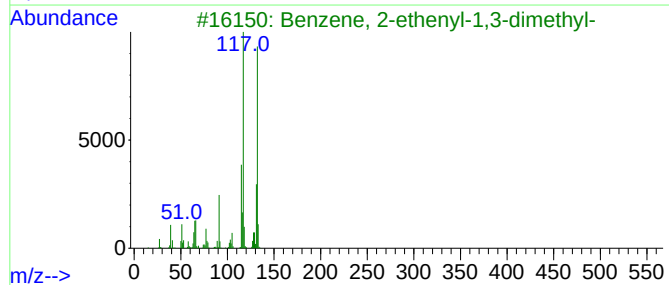
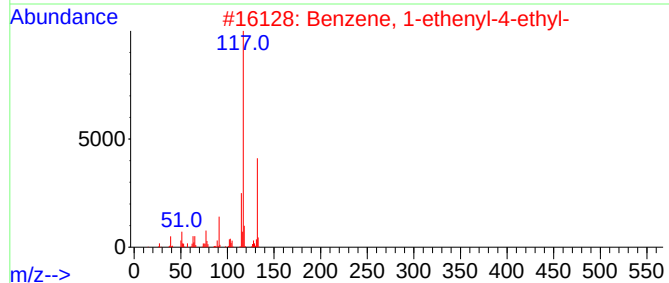
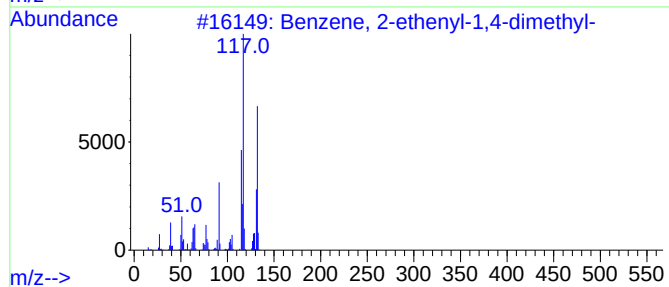
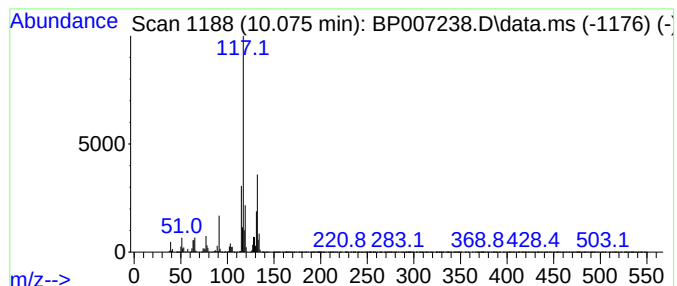
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	38.99 ng	2809380	Naphthalene-d8	10.681

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

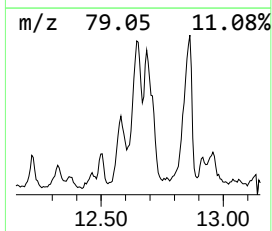
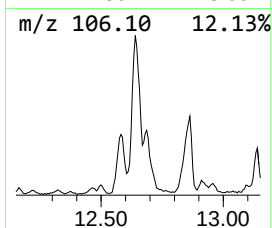
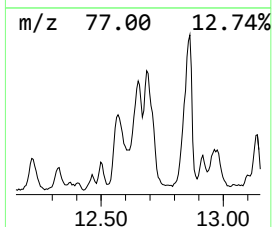
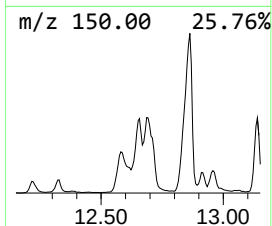
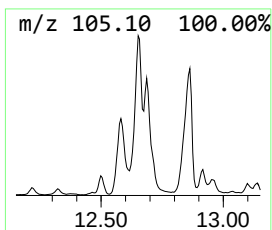
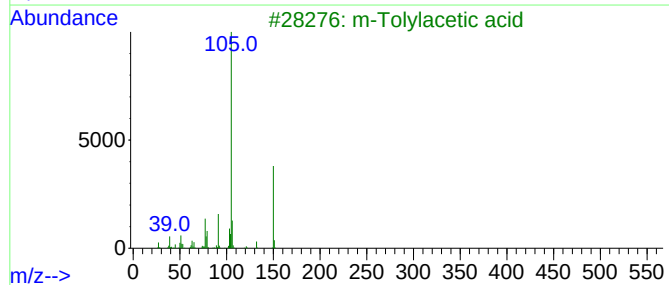
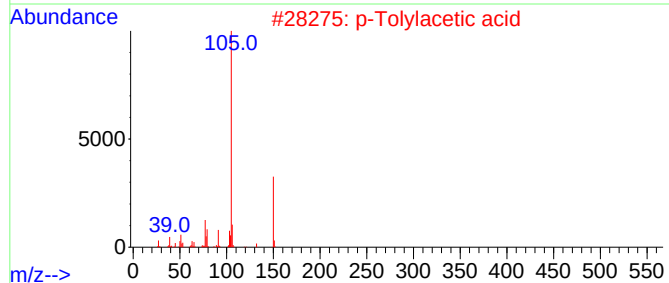
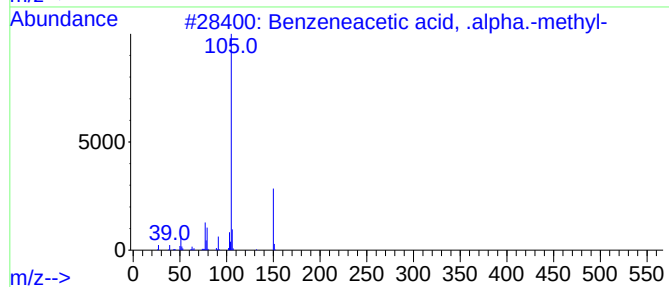
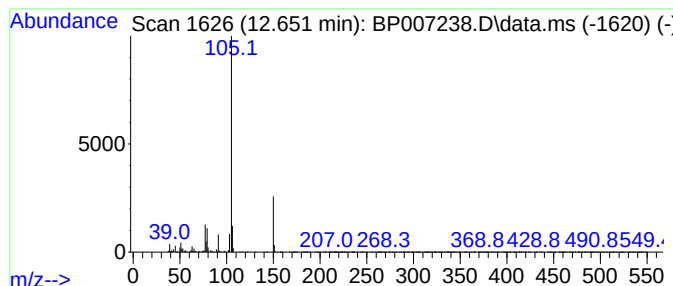
Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzeneacetic acid, .alpha.... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.651	11.99 ng	1266870	Acenaphthene-d10			14.510
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-methyl-		150	C9H10O2	000492-37-5	91
2	p-Tolylacetic acid		150	C9H10O2	000622-47-9	91
3	m-Tolylacetic acid		150	C9H10O2	000621-36-3	74
4	o-Tolylacetic acid		150	C9H10O2	000644-36-0	64
5	Benzaldehyde, 3-bromo-5-methoxy-...		334	C16H15BrO3	1000350-81-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

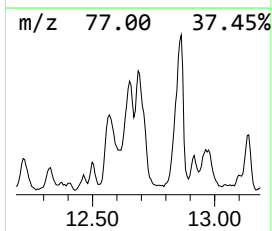
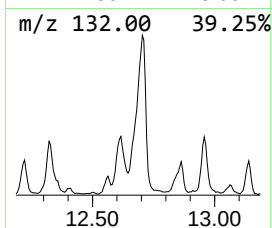
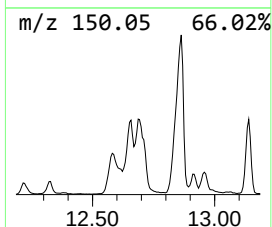
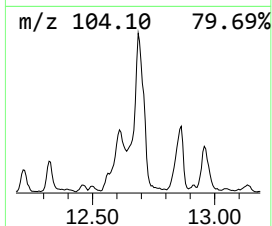
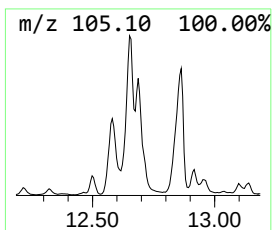
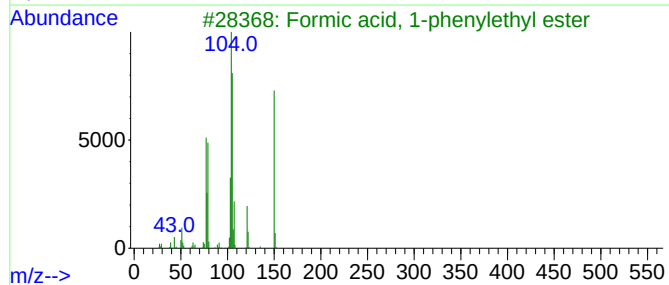
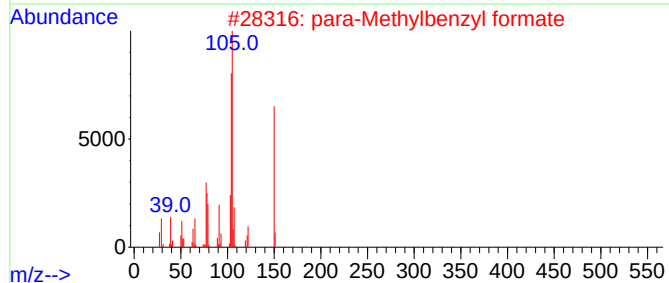
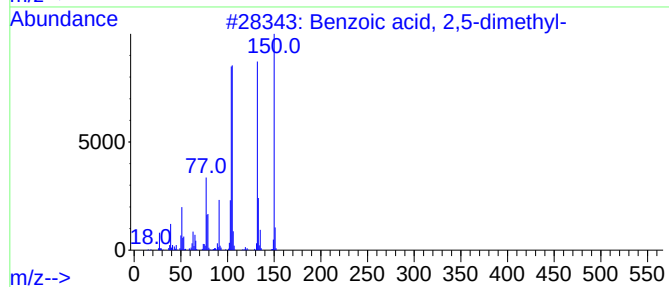
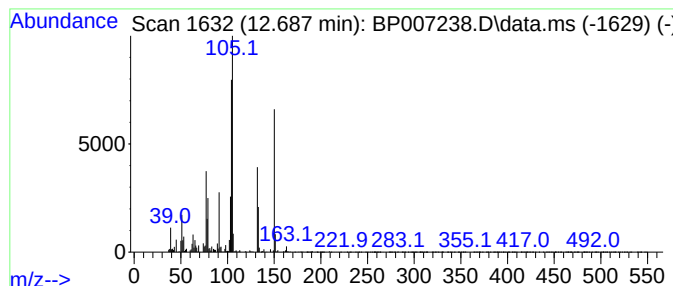
Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzoic acid, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	13.16 ng	1390360	Acenaphthene-d10	14.510
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Benzoic acid, 2,5-dimethyl-	150 C9H10O2	000610-72-0 80
2		para-Methylbenzyl formate	150 C9H10O2	1000368-93-7 76
3		Formic acid, 1-phenylethyl ester	150 C9H10O2	1000368-94-1 76
4		o-Tolylacetic acid	150 C9H10O2	000644-36-0 55
5		Indan, epoxide	132 C9H8O	000768-22-9 55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

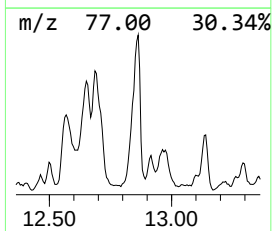
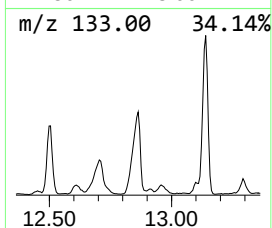
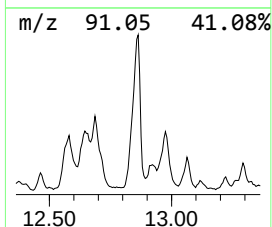
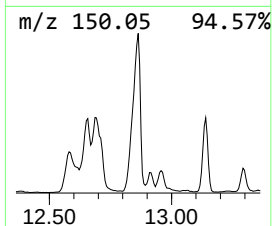
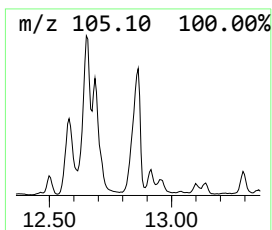
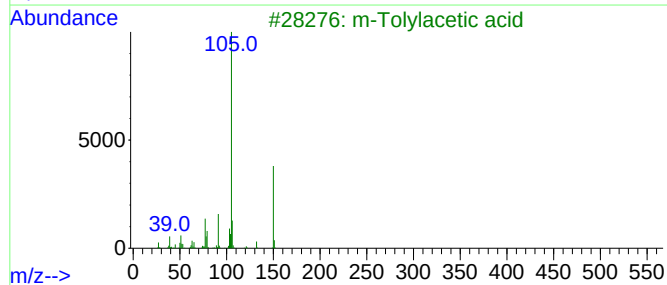
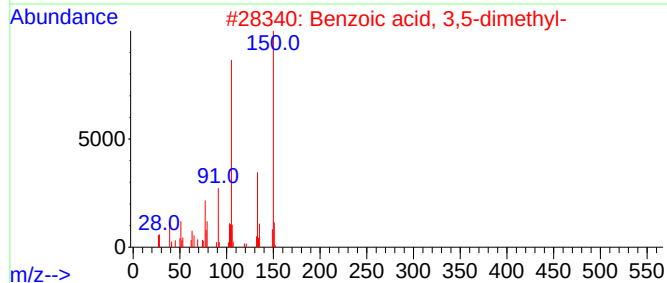
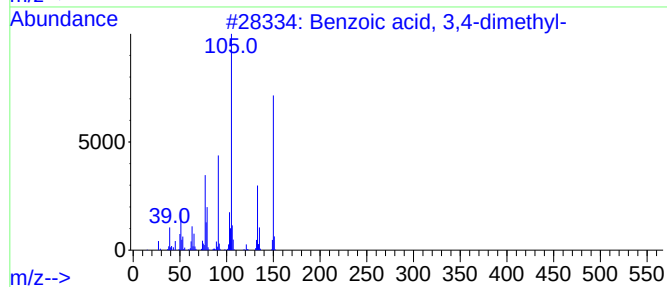
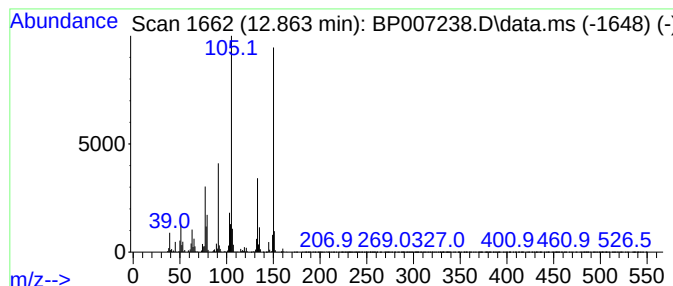
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzoic acid, 3,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.863	16.57 ng	1751060	Acenaphthene-d10	14.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	97
2			Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	97
3			m-Tolylacetic acid	150	C9H10O2	000621-36-3	83
4			Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	83
5			Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

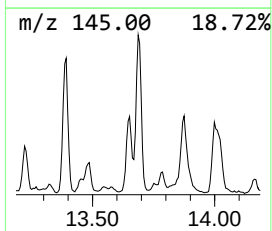
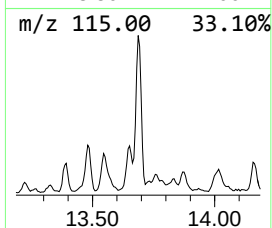
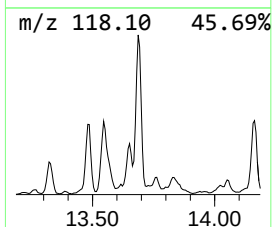
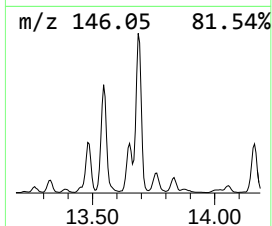
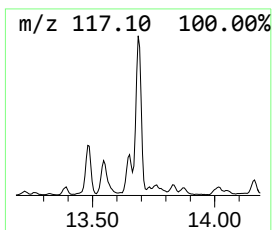
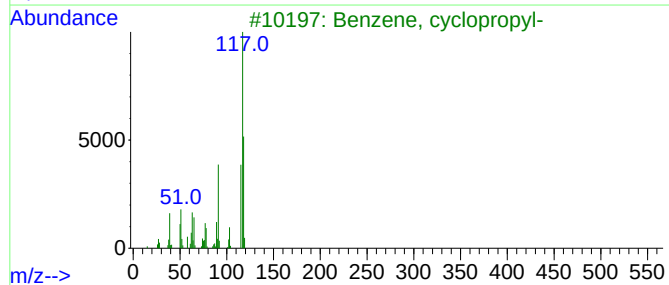
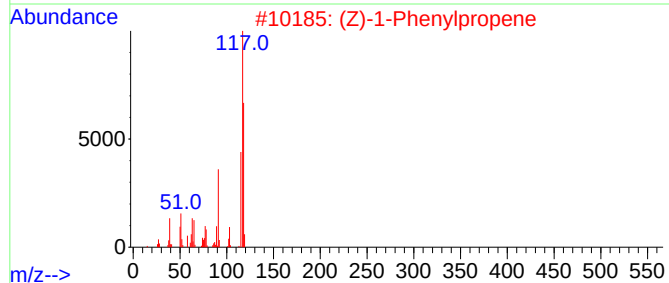
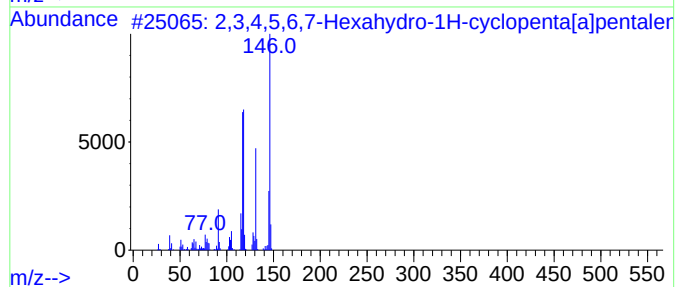
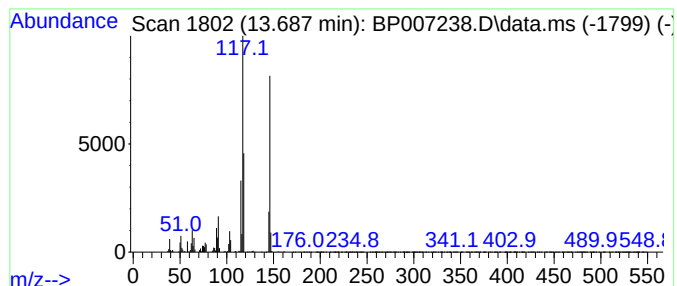
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.687	12.17 ng	1286600	Acenaphthene-d10	14.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	64	
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	50	
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50	
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49	
5	Deltacyclene	118	C9H10	007785-10-6	45	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
Data File : BP007238.D
Acq On : 28 Sep 2021 19:19
Operator : CG/JU
Sample : M3960-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.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
Benzene, 1-ethy...	7.269	92.4	ng	4750240	1	7.875	1028190	20.0
Benzene, 1,2,3-...	7.528	139.9	ng	7192860	1	7.875	1028190	20.0
Mesitylene	7.993	115.4	ng	5934790	1	7.875	1028190	20.0
unknown8.157	8.157	12.3	ng	632598	1	7.875	1028190	20.0
Indane	8.252	100.5	ng	5165670	1	7.875	1028190	20.0
Indene	8.416	28.7	ng	1474460	1	7.875	1028190	20.0
o-Cymene	8.516	34.5	ng	1772960	1	7.875	1028190	20.0
Benzene, 2-ethy...	8.834	18.7	ng	960786	1	7.875	1028190	20.0
p-Cymene	8.887	12.9	ng	660761	1	7.875	1028190	20.0
Benzene, 4-ethy...	8.987	46.3	ng	2379680	1	7.875	1028190	20.0
Benzene, 1,2,4,...	9.569	13.7	ng	986814	2	10.681	1441090	20.0
Benzene, 2-ethe...	10.075	39.0	ng	2809380	2	10.681	1441090	20.0
Benzeneacetic a...	12.651	12.0	ng	1266870	3	14.510	2113580	20.0
Benzoic acid, 2...	12.687	13.2	ng	1390360	3	14.510	2113580	20.0
Benzoic acid, 3...	12.863	16.6	ng	1751060	3	14.510	2113580	20.0
2,3,4,5,6,7-Hex...	13.687	12.2	ng	1286600	3	14.510	2113580	20.0