

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132483.D
 Acq On : 20 Feb 2023 17:28
 Operator : CG\JU
 Sample : 01552-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0158

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_F\Methods\8270-BF021623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132483.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.266	407	413	420	rVB	1856823	2305871	31.03%	1.951%
2	5.654	474	479	482	rBV	4582572	4360588	58.67%	3.689%
3	5.872	512	516	533	rBV	588302	859665	11.57%	0.727%
4	6.648	641	648	651	rBV	4272226	4462887	60.05%	3.776%
5	6.860	679	684	688	rBV	977565	1284803	17.29%	1.087%
6	6.901	688	691	699	rVB	518420	646289	8.70%	0.547%
7	7.025	709	712	716	rVB	1573145	1227955	16.52%	1.039%
8	7.290	753	757	764	rBV	1054097	1269913	17.09%	1.074%
9	7.590	804	808	811	rVV	3331325	2958392	39.81%	2.503%
10	7.631	812	815	821	rVV	411707	570266	7.67%	0.482%
11	7.678	821	823	829	rVB	331269	326249	4.39%	0.276%
12	7.854	850	853	855	rBV	401734	345729	4.65%	0.292%
13	7.884	855	858	862	rVB	1357404	1215721	16.36%	1.029%
14	8.060	883	888	891	rBV	707867	729232	9.81%	0.617%
15	8.090	891	893	894	rVV	342610	259700	3.49%	0.220%
16	8.107	894	896	899	rVB	853998	674059	9.07%	0.570%
17	8.313	928	931	933	rVV	1759439	1580383	21.26%	1.337%
18	8.331	933	934	937	rVB	1067291	767572	10.33%	0.649%
19	8.525	961	967	970	rBV	1471831	1292051	17.39%	1.093%
20	8.584	973	977	984	rBV	1699661	1430828	19.25%	1.211%
21	9.025	1048	1052	1055	rBV2	1491820	1412786	19.01%	1.195%
22	9.078	1058	1061	1065	rBV	547081	435384	5.86%	0.368%
23	9.125	1065	1069	1072	rBV	874624	680679	9.16%	0.576%
24	9.195	1078	1081	1083	rBV	370836	306031	4.12%	0.259%
25	9.307	1096	1100	1105	rVB	590461	533829	7.18%	0.452%
26	9.389	1110	1114	1117	rVV	5251786	4598362	61.87%	3.890%
27	9.519	1133	1136	1139	rVV	1255655	1078385	14.51%	0.912%
28	9.654	1156	1159	1162	rVV	252858	339474	4.57%	0.287%
29	9.689	1162	1165	1168	rVB	275557	259127	3.49%	0.219%
30	9.731	1168	1172	1174	rBV	428068	443430	5.97%	0.375%
31	9.754	1174	1176	1178	rVV2	303343	254197	3.42%	0.215%
32	9.872	1194	1196	1201	rVB2	203374	239424	3.22%	0.203%
33	9.937	1201	1207	1212	rBV	1128963	1092694	14.70%	0.924%
34	10.013	1217	1220	1222	rBV	629235	531091	7.15%	0.449%
35	10.042	1222	1225	1228	rVV2	403591	538907	7.25%	0.456%
36	10.078	1228	1231	1233	rVV	1542398	1436527	19.33%	1.215%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132483.D
 Acq On : 20 Feb 2023 17:28
 Operator : CG\JU
 Sample : 01552-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0158

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_F\Methods\8270-BF021623.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.107	1233	1236	1239	rVV	853904	727067	9.78%	0.615%
38	10.236	1252	1258	1262	rBV6	101500	241173	3.25%	0.204%
39	10.278	1262	1265	1268	rVV2	495302	460738	6.20%	0.390%
40	10.495	1295	1302	1305	rVV6	149516	328975	4.43%	0.278%
41	10.625	1321	1324	1329	rVB	1222751	1068318	14.37%	0.904%
42	10.784	1345	1351	1354	rBV2	391684	417632	5.62%	0.353%
43	10.866	1361	1365	1369	rVB	2674277	2414756	32.49%	2.043%
44	10.989	1380	1386	1391	rVB4	175674	308105	4.15%	0.261%
45	11.172	1413	1417	1420	rVB3	276877	324308	4.36%	0.274%
46	11.372	1448	1451	1455	rVV2	554290	541444	7.29%	0.458%
47	11.466	1465	1467	1471	rVB	804609	639121	8.60%	0.541%
48	11.572	1481	1485	1487	rBV	1247324	1291731	17.38%	1.093%
49	11.601	1487	1490	1493	rVV	6392531	6660445	89.62%	5.635%
50	11.648	1495	1498	1501	rVV	1651801	1348950	18.15%	1.141%
51	11.801	1517	1524	1528	rBV2	645325	717679	9.66%	0.607%
52	11.901	1538	1541	1546	rVB2	290616	283300	3.81%	0.240%
53	12.078	1567	1571	1573	rVV	1504506	1445871	19.46%	1.223%
54	12.107	1573	1576	1579	rVV	1563997	1464537	19.71%	1.239%
55	12.154	1580	1584	1586	rVV	367865	347610	4.68%	0.294%
56	12.189	1586	1590	1592	rVV2	1563889	1747606	23.52%	1.479%
57	12.213	1592	1594	1597	rVB	781898	629728	8.47%	0.533%
58	12.372	1618	1621	1623	rVV	898649	740669	9.97%	0.627%
59	12.395	1623	1625	1629	rVB	836192	769489	10.35%	0.651%
60	12.554	1649	1652	1654	rBV	361195	286062	3.85%	0.242%
61	12.630	1661	1665	1668	rBV	706759	866363	11.66%	0.733%
62	12.666	1668	1671	1673	rVV2	377025	488317	6.57%	0.413%
63	12.719	1677	1680	1685	rVV2	527664	619910	8.34%	0.524%
64	12.801	1689	1694	1697	rVV	5936035	6657950	89.59%	5.633%
65	12.860	1702	1704	1706	rVV2	245447	231535	3.12%	0.196%
66	12.889	1706	1709	1712	rVV	560384	537998	7.24%	0.455%
67	12.925	1712	1715	1717	rVV2	242579	274552	3.69%	0.232%
68	12.948	1717	1719	1722	rVV	396299	417960	5.62%	0.354%
69	13.036	1726	1734	1737	rVV	6232230	7431871	100.00%	6.288%
70	13.072	1737	1740	1744	rVB2	427080	454758	6.12%	0.385%
71	13.160	1749	1755	1758	rBV	3435372	3651784	49.14%	3.090%
72	13.248	1764	1770	1773	rBV3	548488	957437	12.88%	0.810%
73	13.330	1780	1784	1786	rVV4	469851	661244	8.90%	0.559%
74	13.354	1786	1788	1791	rVB	1134551	946617	12.74%	0.801%
75	13.425	1797	1800	1802	rBV	602138	554359	7.46%	0.469%
76	13.460	1802	1806	1809	rVV2	932090	915914	12.32%	0.775%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132483.D
 Acq On : 20 Feb 2023 17:28
 Operator : CG\JU
 Sample : 01552-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0158

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_F\Methods\8270-BF021623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.554	1819	1822	1825	rBV	595075	512465	6.90%	0.434%
78	13.583	1825	1827	1830	rVB	527908	478638	6.44%	0.405%
79	13.866	1872	1875	1879	rVB	661416	655643	8.82%	0.555%
80	13.977	1889	1894	1897	rBV3	687234	935034	12.58%	0.791%
81	14.007	1897	1899	1901	rVV	723022	562042	7.56%	0.476%
82	14.036	1901	1904	1907	rVV2	546615	763900	10.28%	0.646%
83	14.077	1908	1911	1915	rVB	655466	713574	9.60%	0.604%
84	14.224	1932	1936	1940	rVV3	3199740	4522774	60.86%	3.826%
85	14.260	1940	1942	1949	rVB	2790469	2660531	35.80%	2.251%
86	14.319	1949	1952	1954	rBV	487848	469874	6.32%	0.398%
87	14.377	1959	1962	1967	rBV3	236578	275410	3.71%	0.233%
88	14.460	1972	1976	1979	rBV2	303106	391986	5.27%	0.332%
89	14.619	2001	2003	2006	rVB	594756	535230	7.20%	0.453%
90	14.654	2007	2009	2012	rVV	307173	293884	3.95%	0.249%
91	14.754	2023	2026	2028	rBV	304013	284385	3.83%	0.241%
92	14.777	2028	2030	2034	rVB2	295131	261013	3.51%	0.221%
93	15.336	2120	2125	2128	rBV	1618735	2750950	37.02%	2.327%
94	15.448	2141	2144	2148	rBV	356413	390736	5.26%	0.331%
95	15.666	2177	2181	2187	rVB	1117227	1453517	19.56%	1.230%
96	15.736	2188	2193	2198	rVB	1562270	2024275	27.24%	1.713%
97	15.801	2200	2204	2207	rVV	559474	762106	10.25%	0.645%
98	15.836	2207	2210	2216	rVB2	394874	590592	7.95%	0.500%
99	17.424	2474	2480	2488	rVB2	593635	1261440	16.97%	1.067%
100	17.918	2558	2564	2575	rVB	463991	1026597	13.81%	0.869%

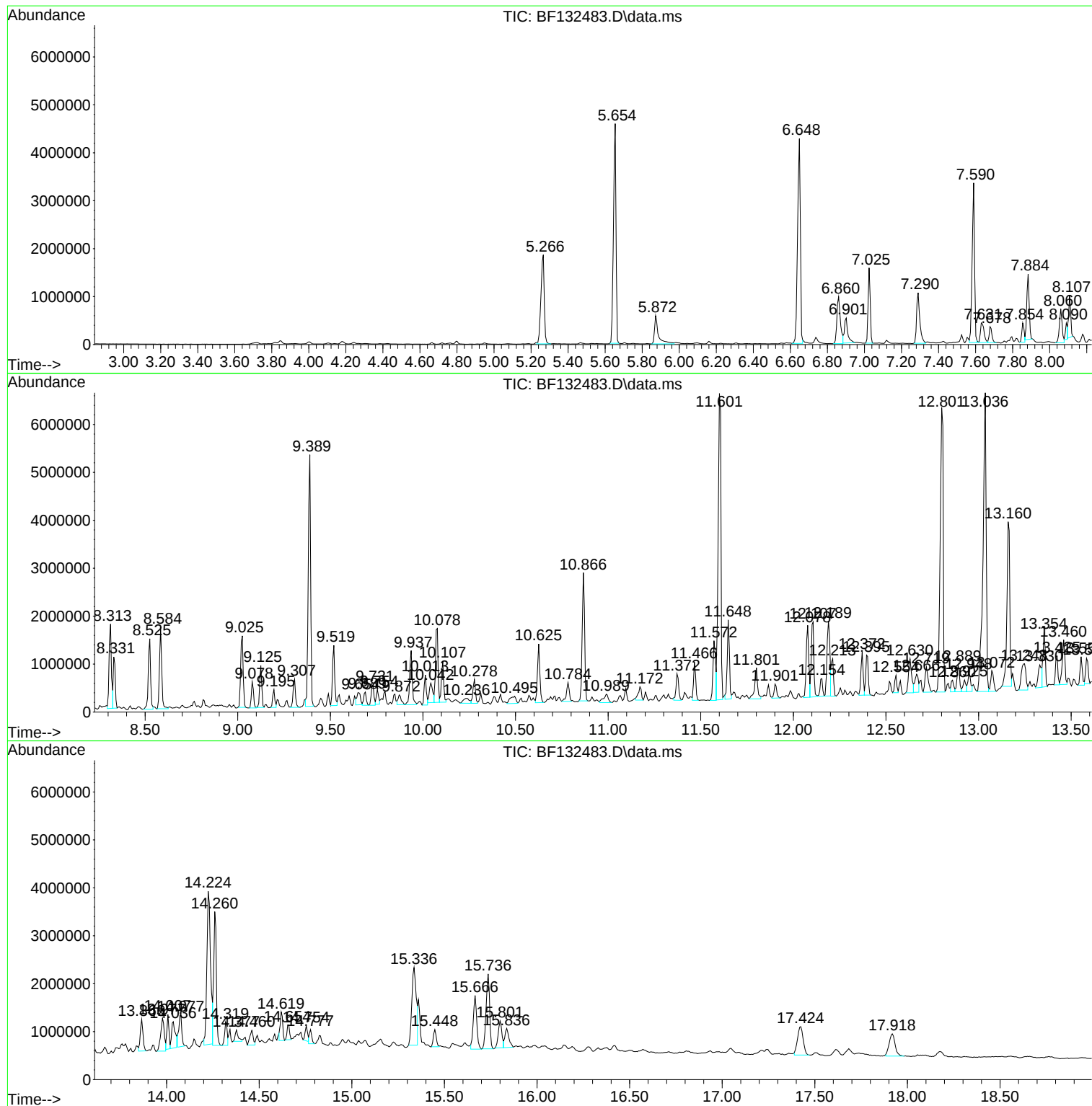
Sum of corrected areas: 118198959

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

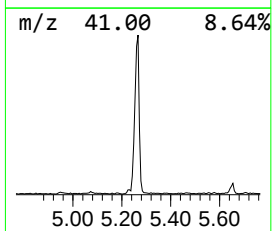
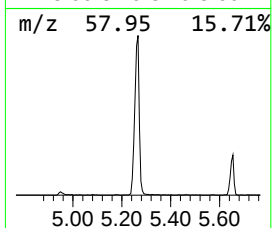
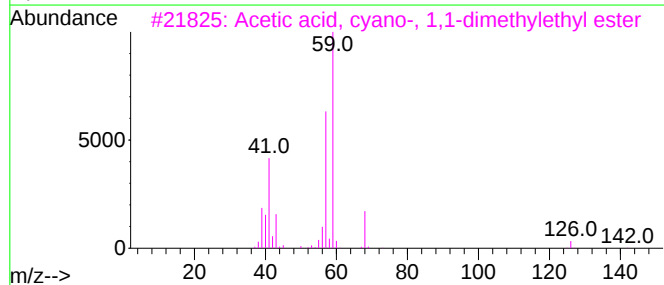
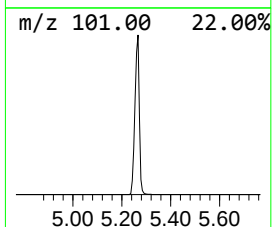
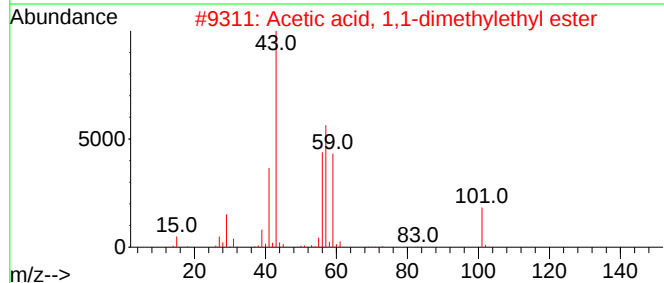
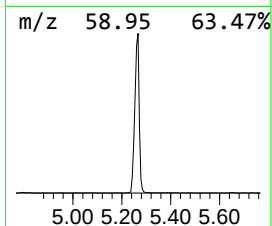
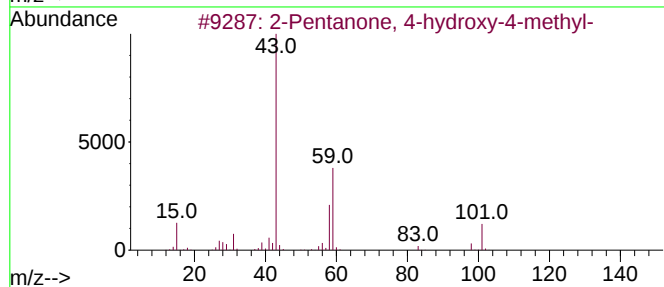
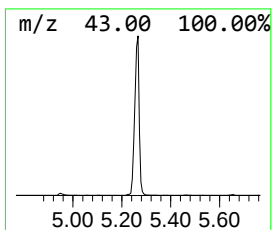
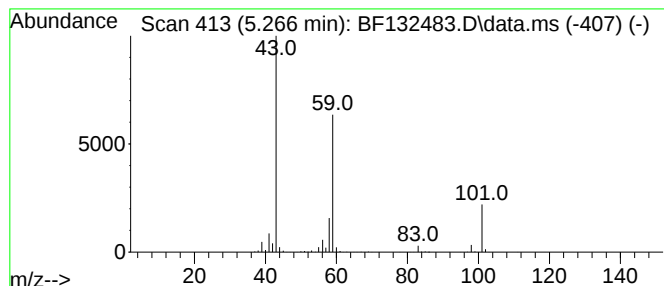
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.266	37.56 ng	2305870	1,4-Dichlorobenzene-d4	7.025

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

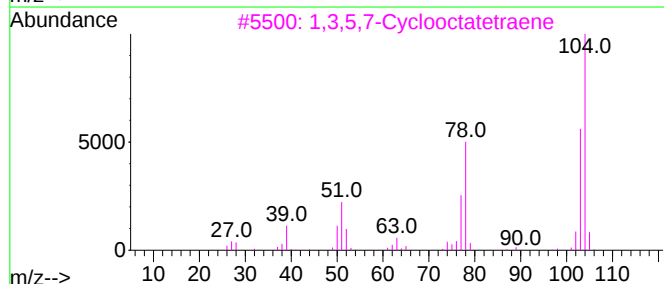
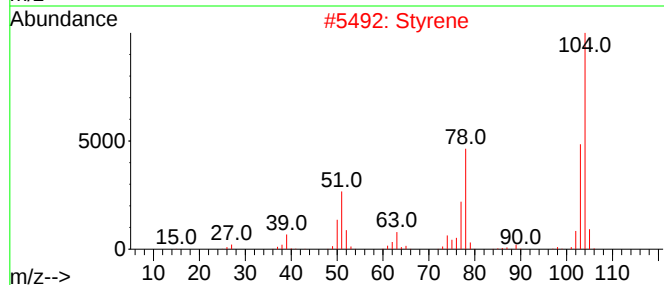
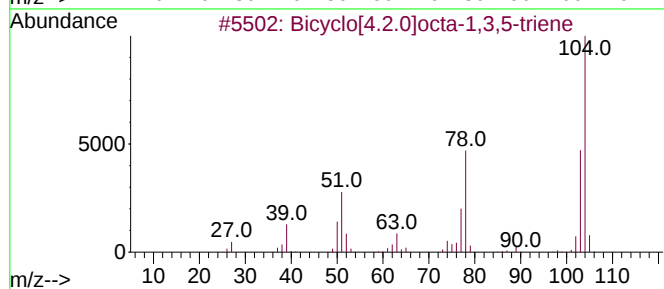
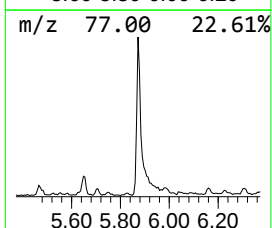
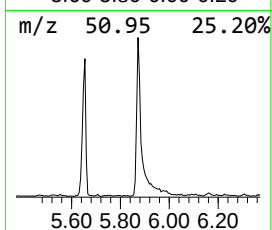
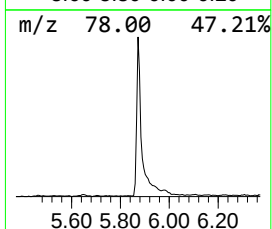
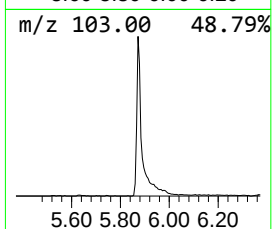
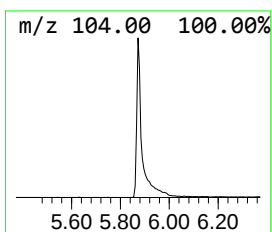
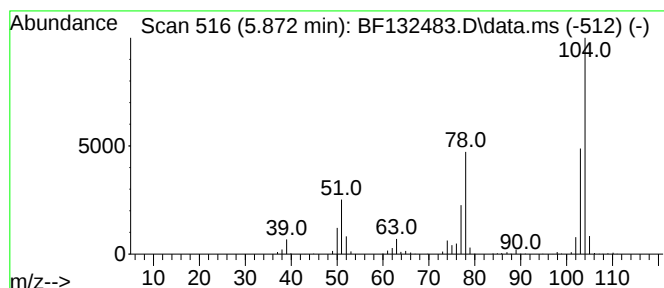
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.872	14.00 ng	859665	1,4-Dichlorobenzene-d4	7.025

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2			Styrene	104	C8H8	000100-42-5	96
3			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4			1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	38
5			Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

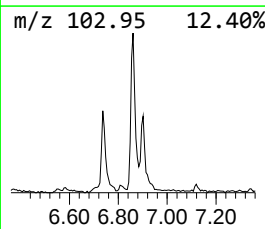
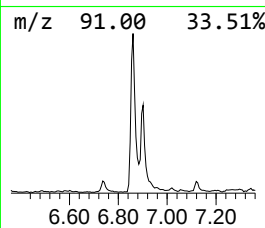
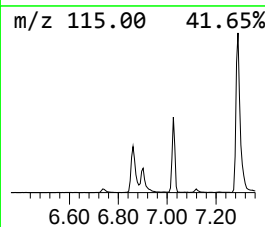
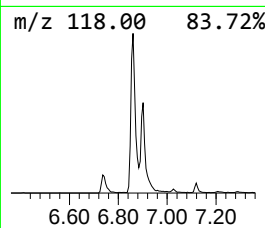
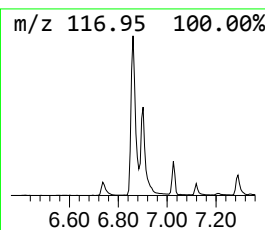
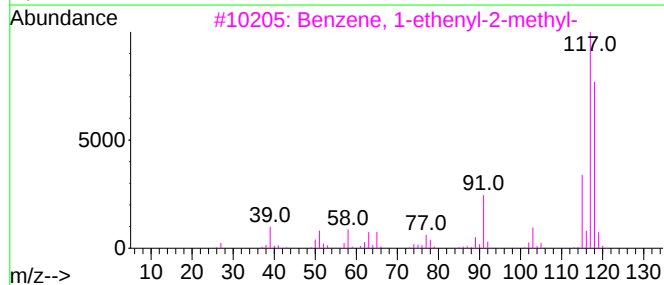
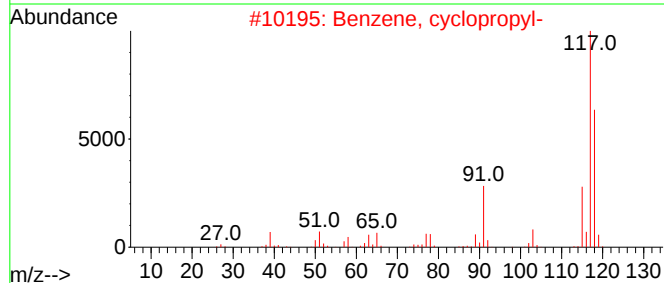
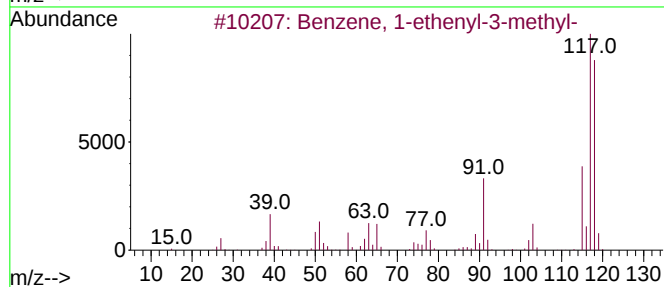
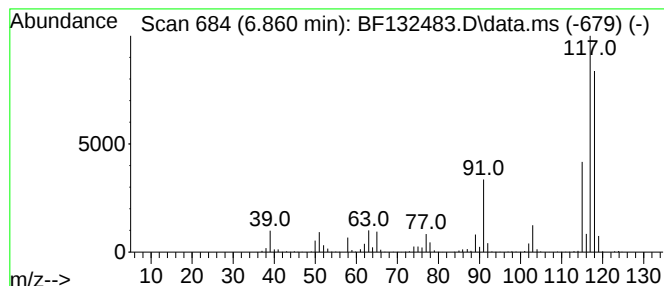
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.860	20.93 ng	1284800	1,4-Dichlorobenzene-d4	7.025

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

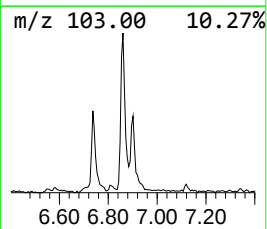
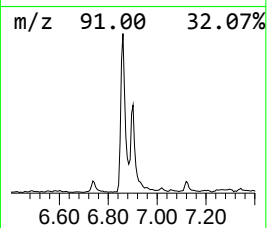
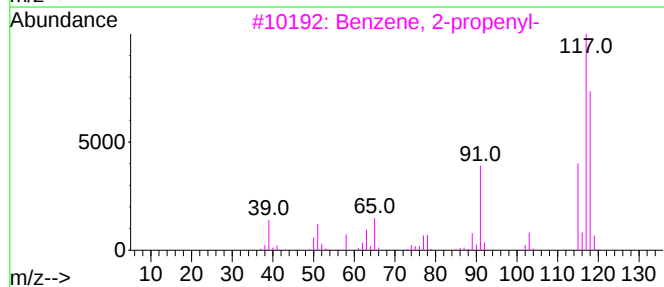
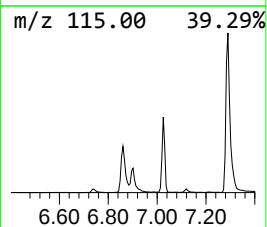
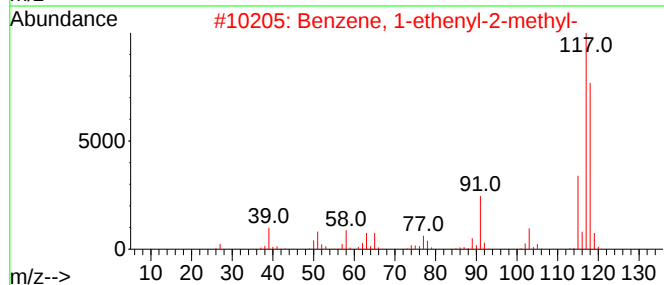
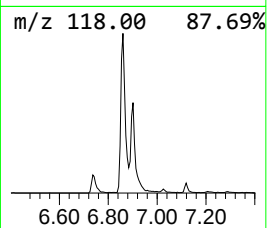
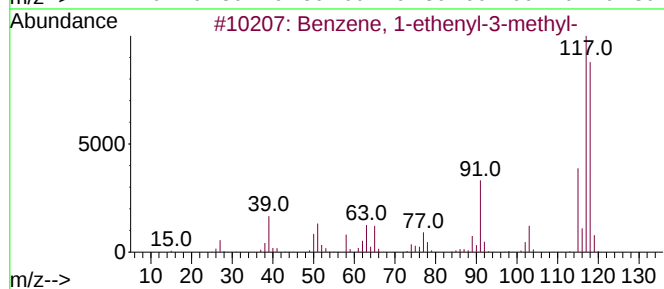
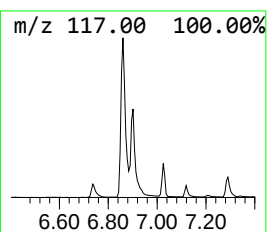
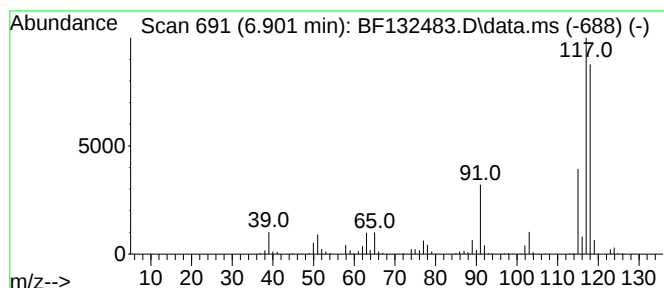
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.901	10.53 ng	646289	1,4-Dichlorobenzene-d4	7.025

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

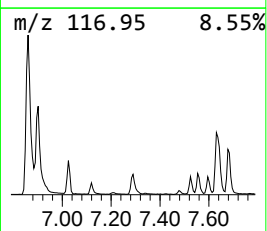
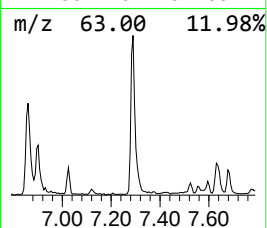
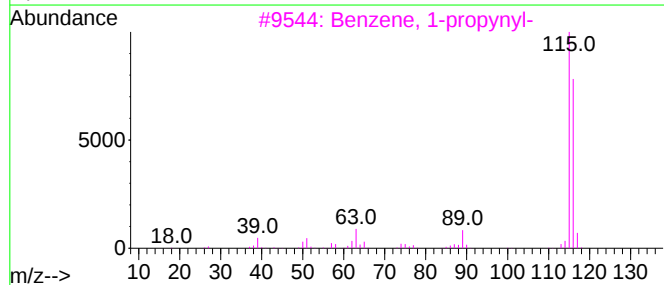
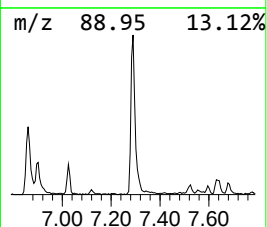
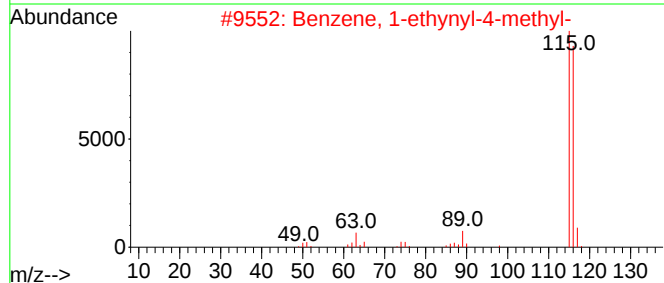
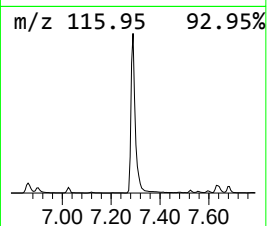
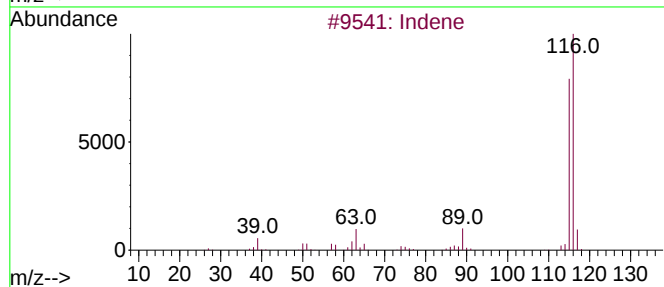
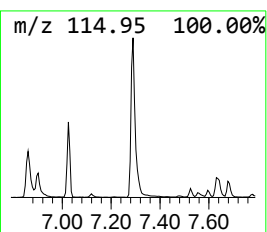
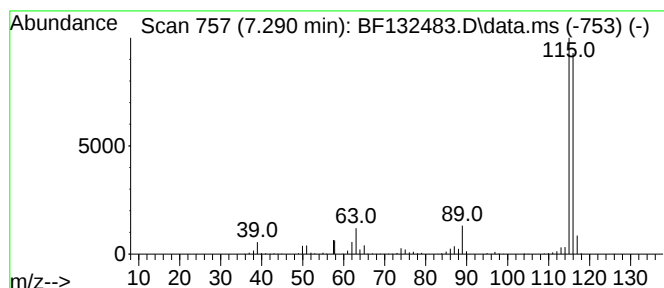
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.290	20.68 ng	1269910	1,4-Dichlorobenzene-d4	7.025

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5			2-Methylphenylacetylene	116	C9H8	000766-47-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

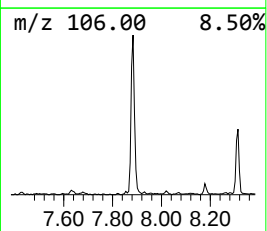
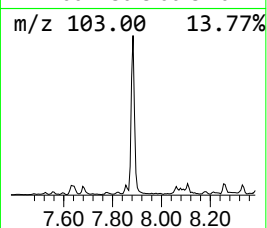
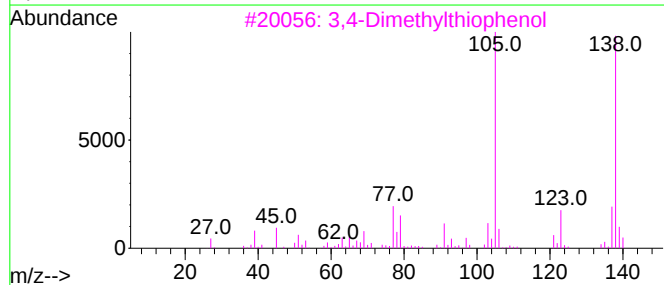
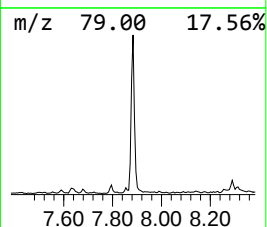
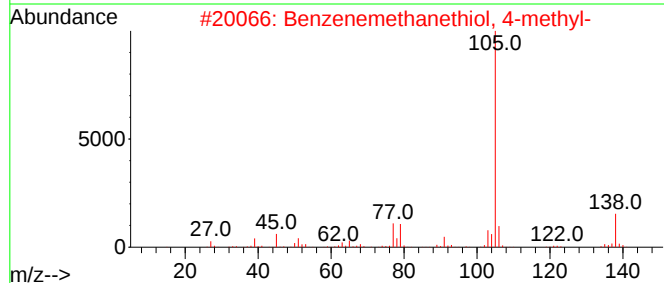
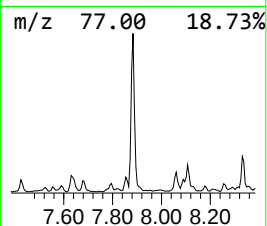
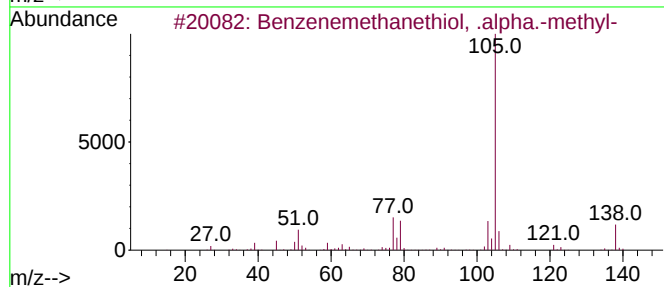
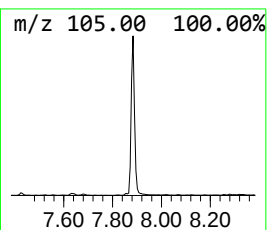
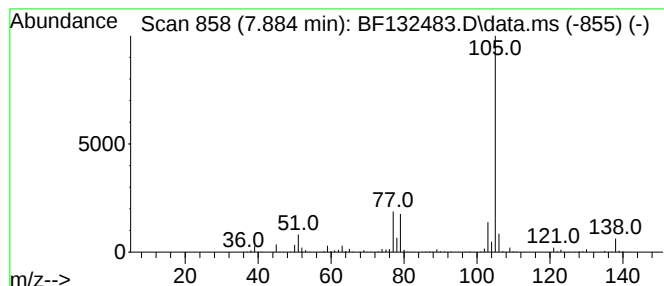
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzenemethanethiol, .alpha... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.884	15.39 ng	1215720	Naphthalene-d8	8.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2			Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
3			3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4			Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
5			Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

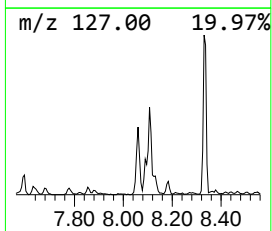
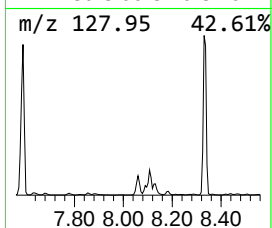
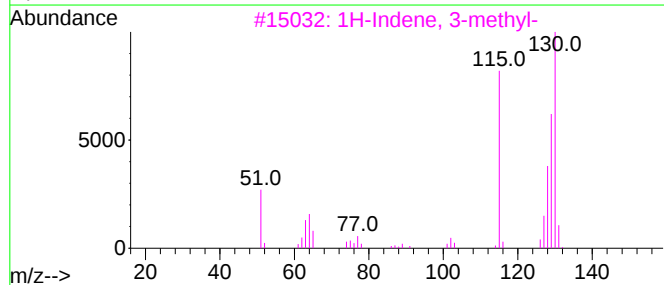
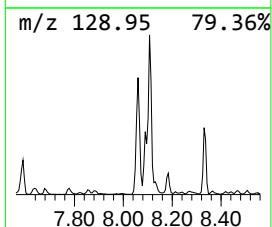
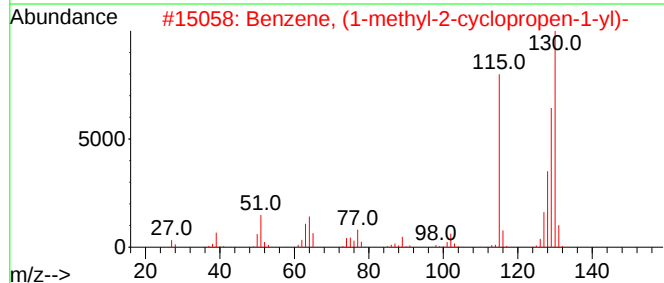
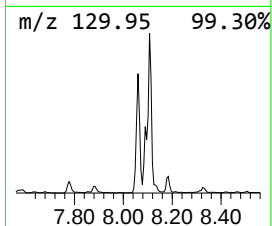
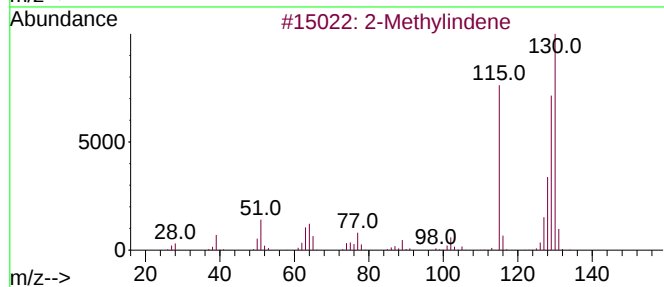
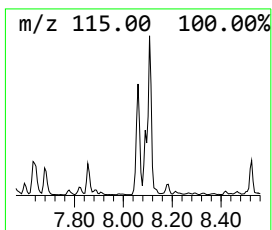
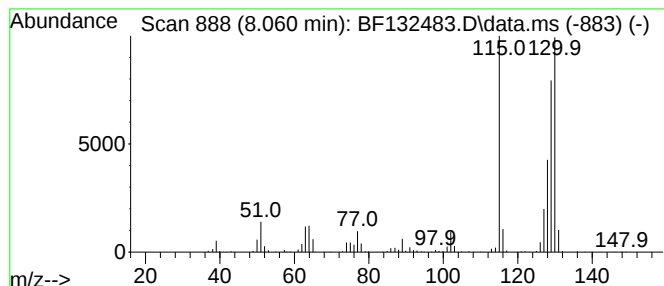
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Methylindene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.060	9.23 ng	729232	Naphthalene-d8	8.313

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	97
3		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

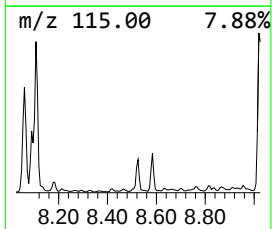
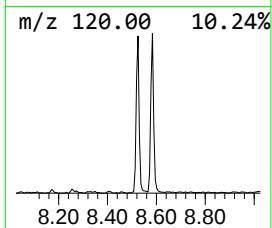
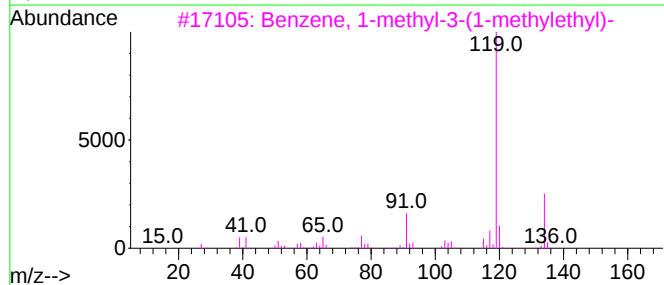
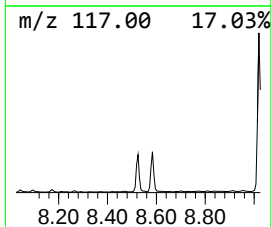
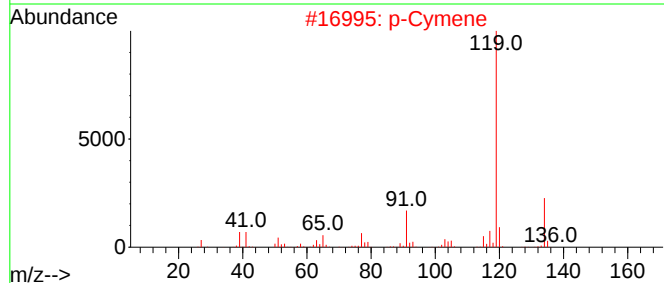
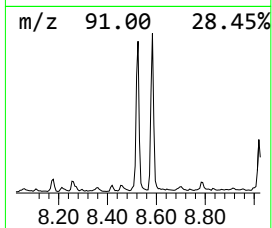
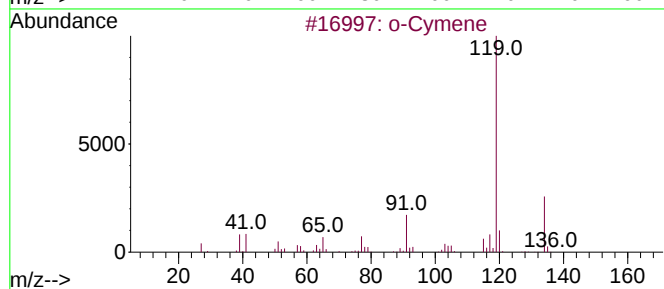
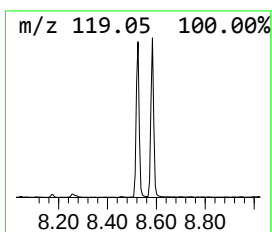
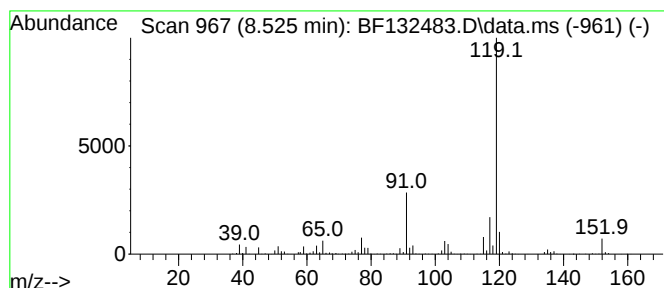
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.525	16.35 ng	1292050	Naphthalene-d8	8.313

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	87
2		p-Cymene	134	C10H14	000099-87-6	87
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
4		2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	78
5		Butyric acid, 2-phenyl-, 4-chlor...	274	C16H15ClO2	1000406-87-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

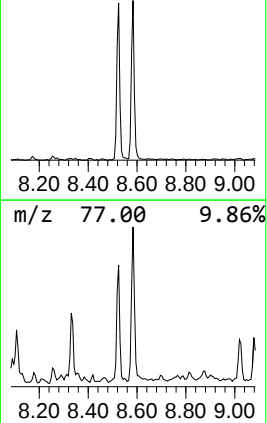
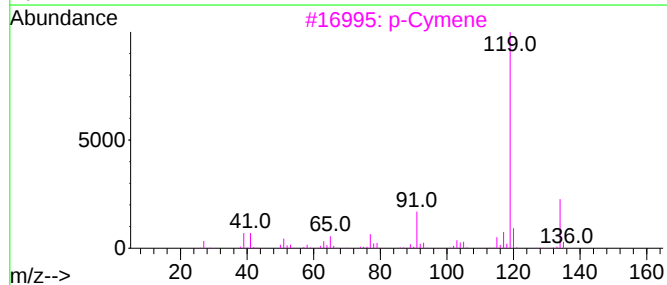
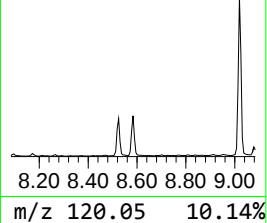
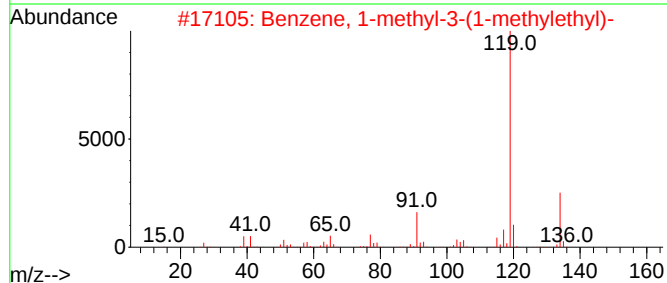
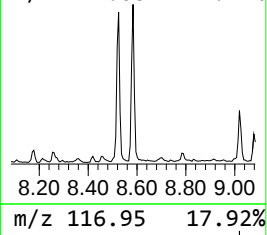
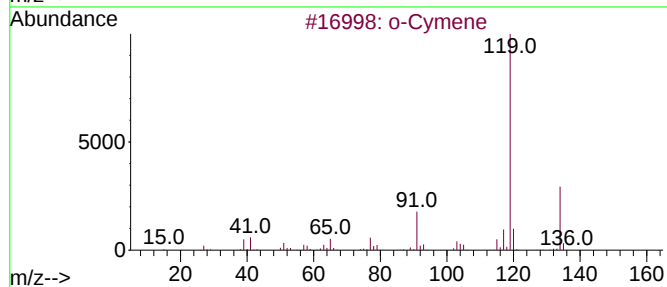
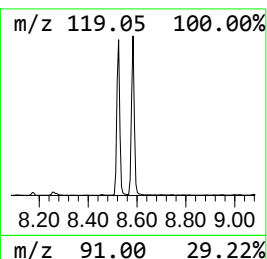
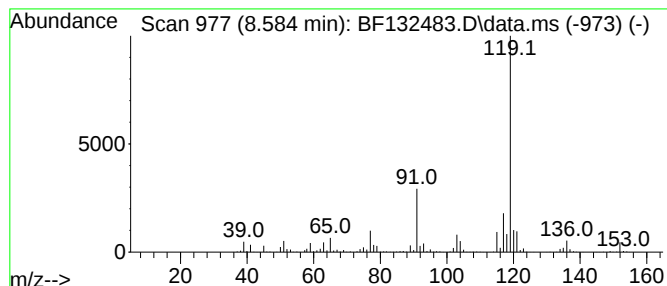
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.584	18.11 ng	1430830	Naphthalene-d8	8.313

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	87
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3			p-Cymene	134	C10H14	000099-87-6	81
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

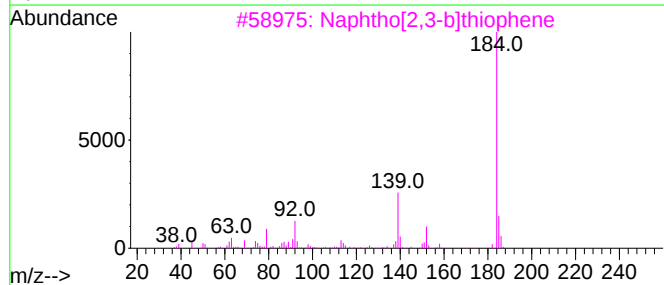
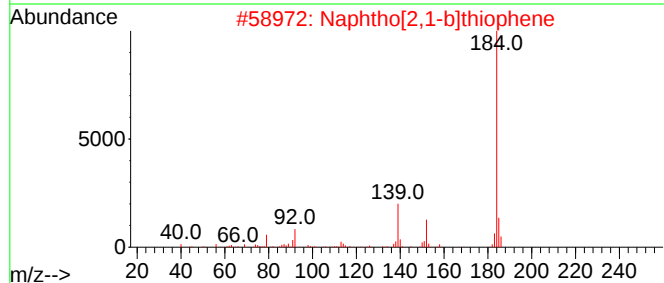
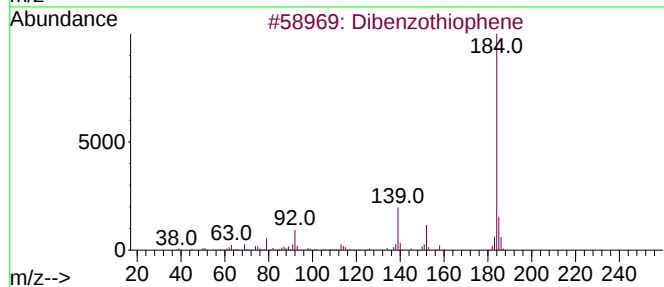
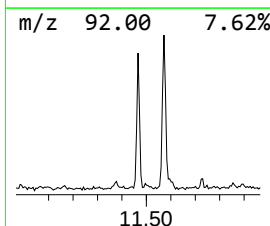
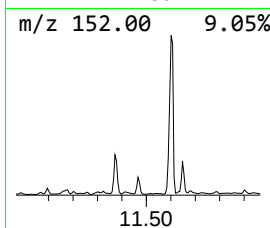
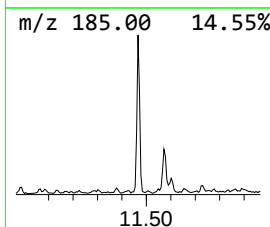
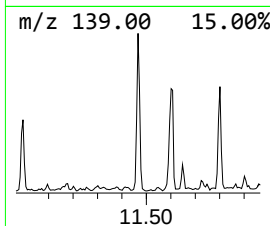
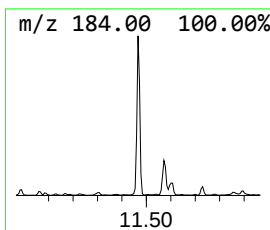
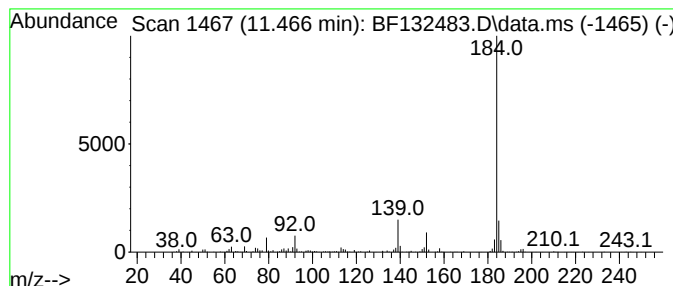
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.466	9.90 ng	639121	Phenanthrene-d10	11.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

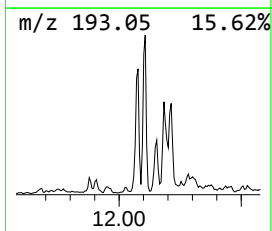
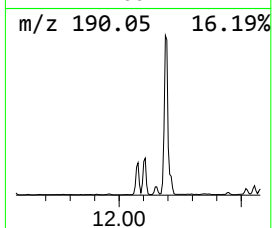
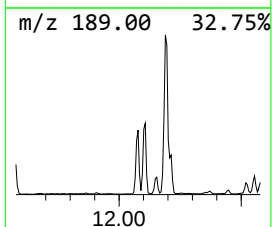
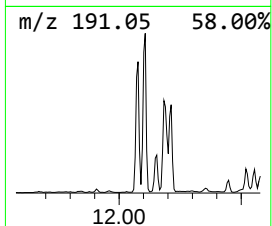
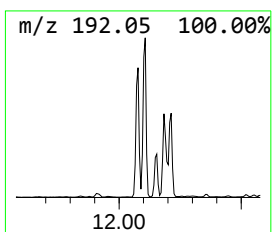
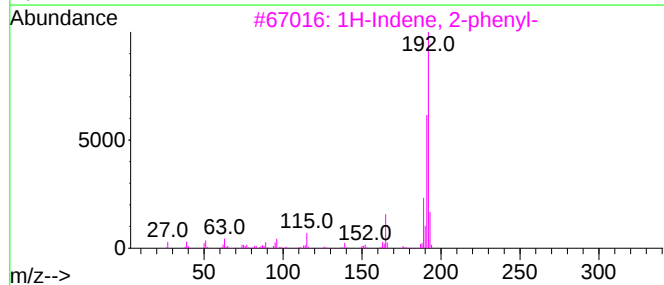
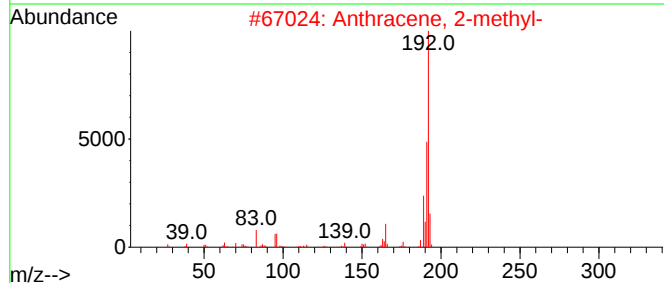
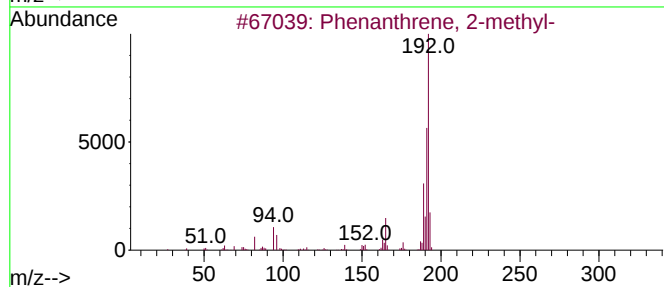
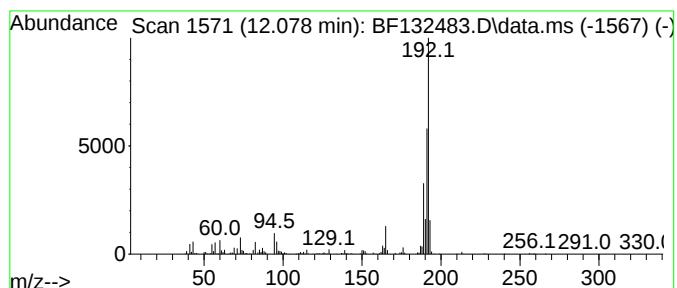
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.078	22.39 ng	1445870	Phenanthrene-d10	11.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

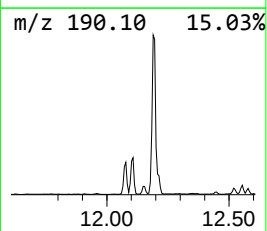
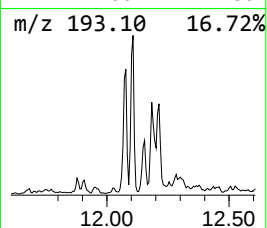
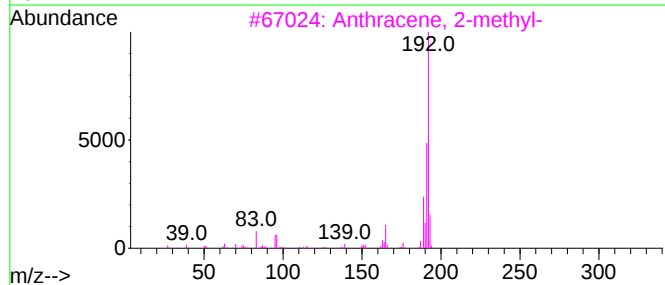
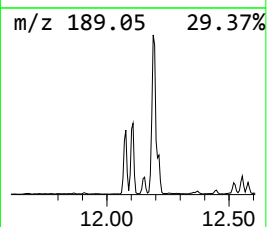
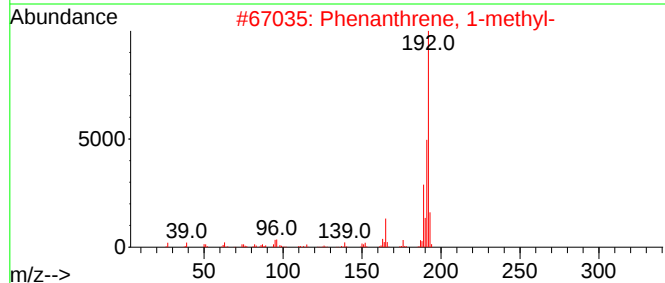
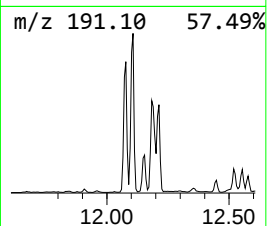
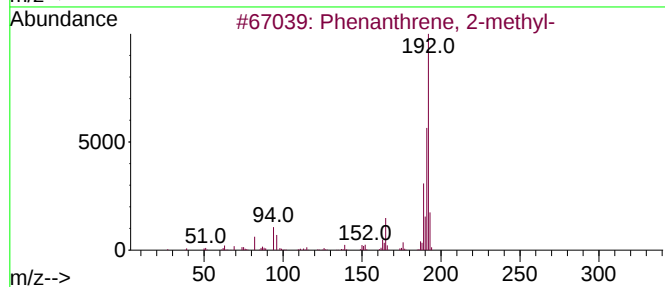
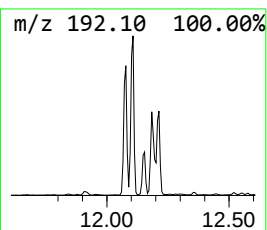
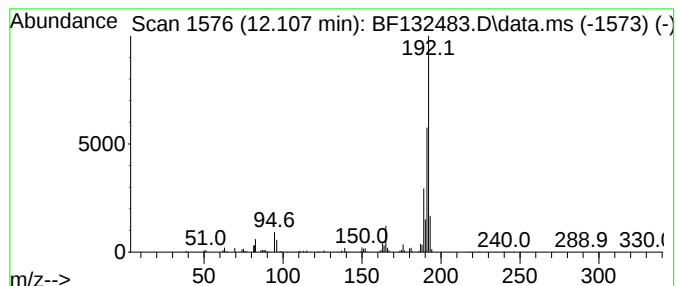
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.107	22.68 ng	1464540	Phenanthrene-d10	11.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

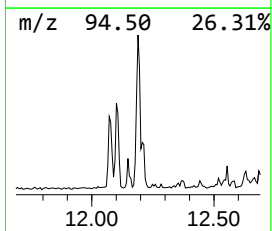
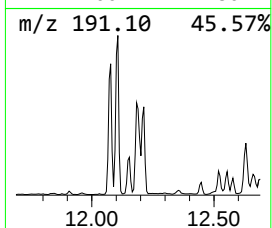
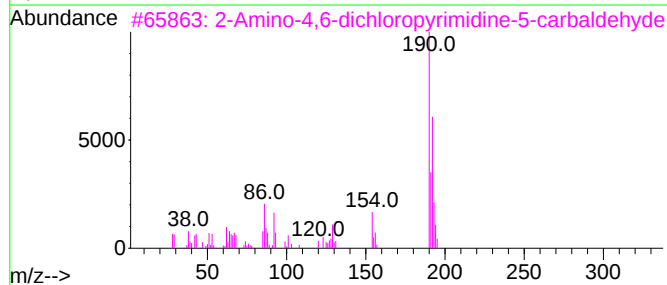
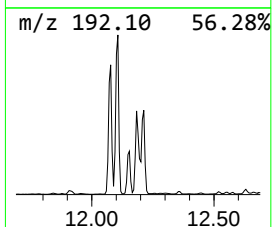
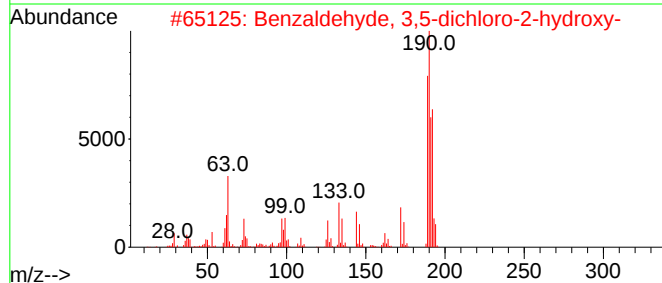
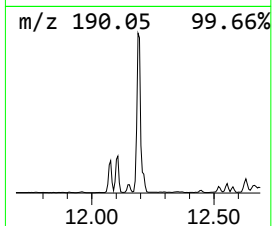
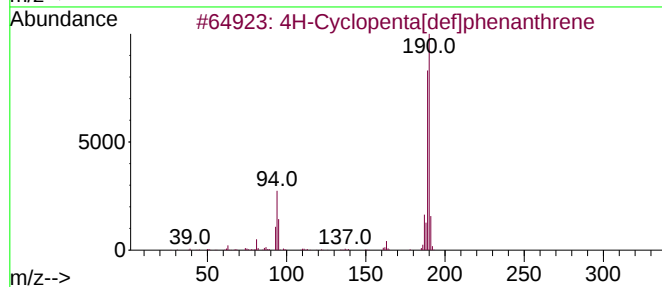
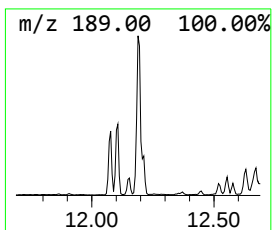
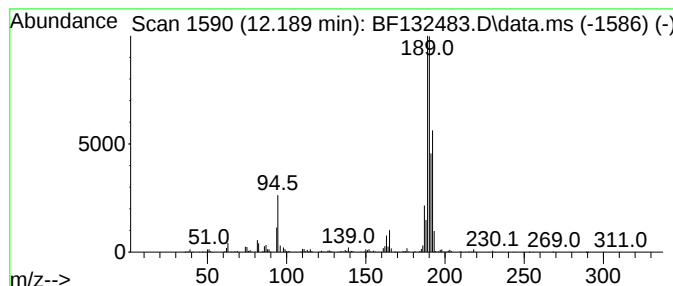
Instrument :
BNA_F
ClientSampleId :
C0158

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.189	27.06 ng	1747610	Phenanthrene-d10	11.572	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

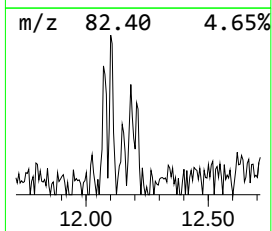
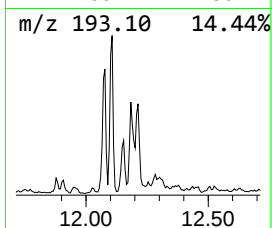
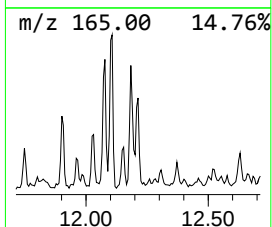
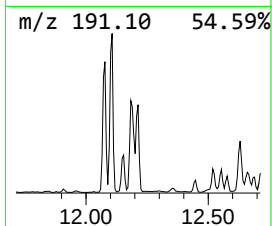
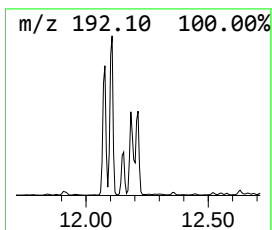
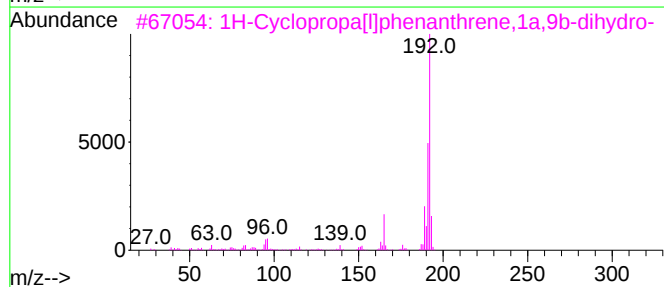
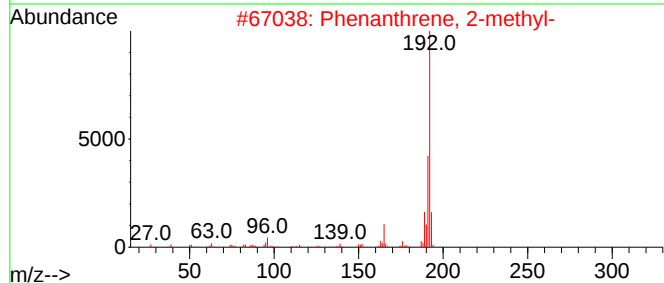
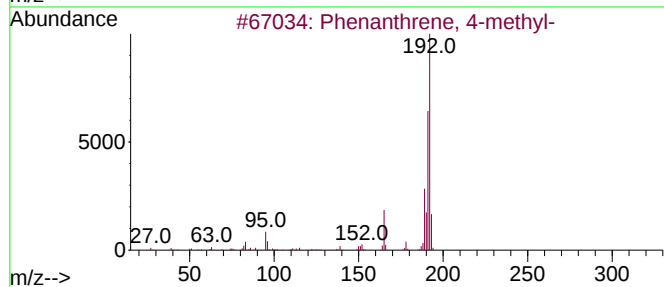
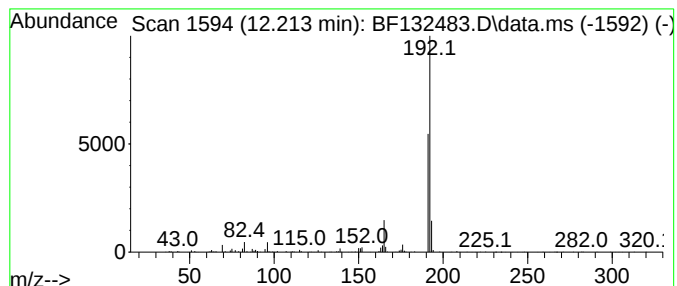
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.213	9.75 ng	629728	Phenanthrene-d10	11.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

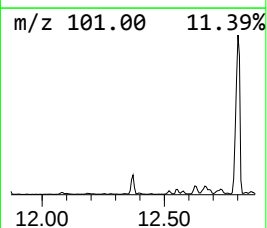
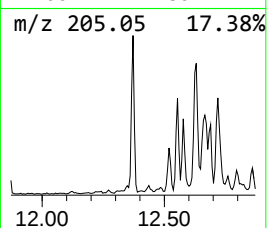
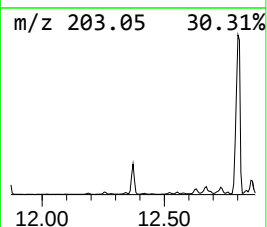
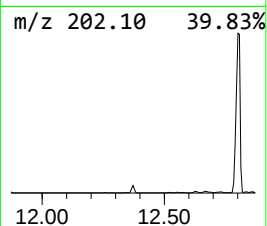
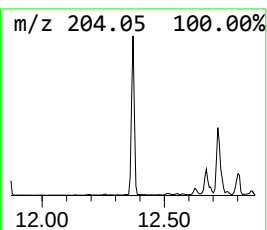
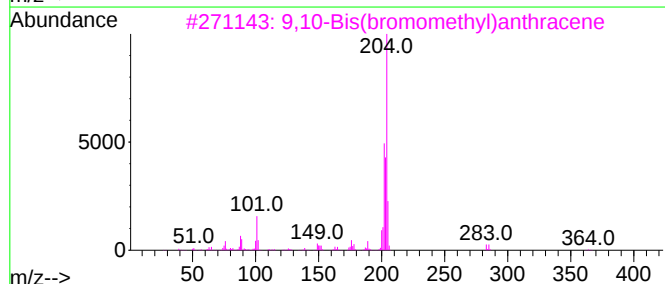
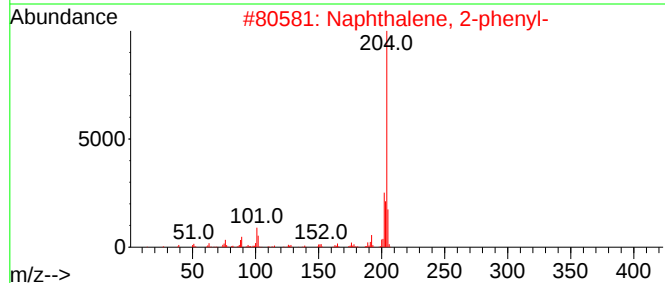
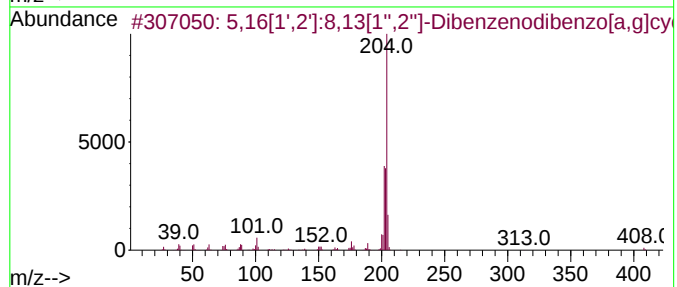
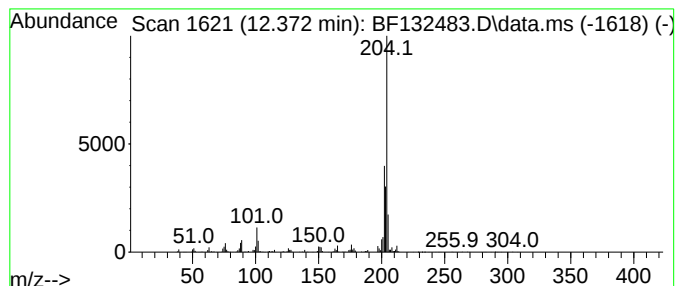
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	11.47 ng	740669	Phenanthrene-d10	11.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86	
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62	
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58	
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

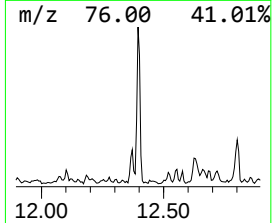
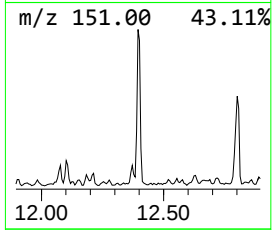
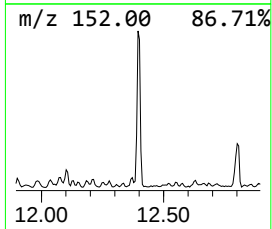
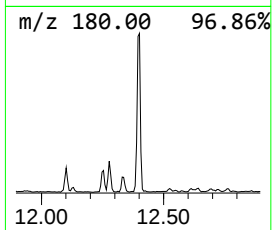
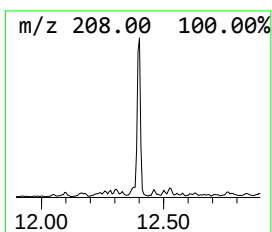
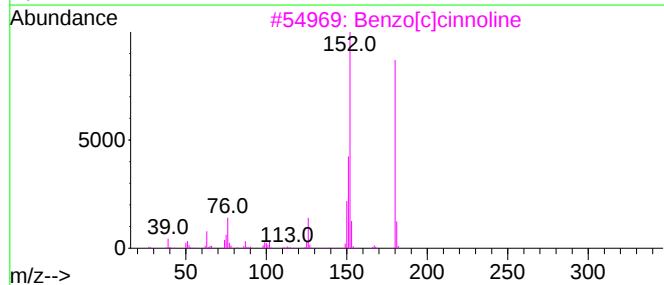
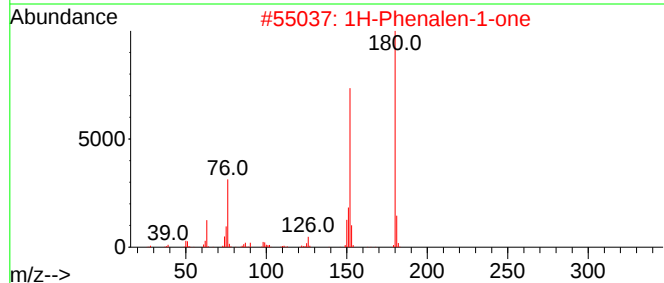
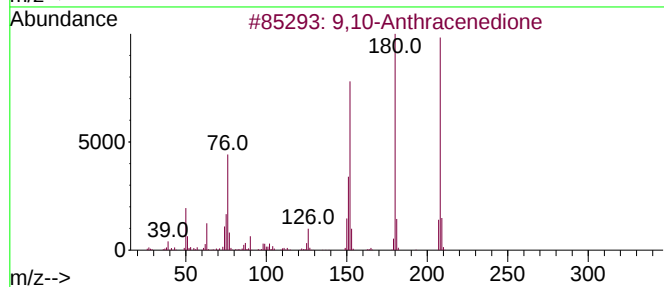
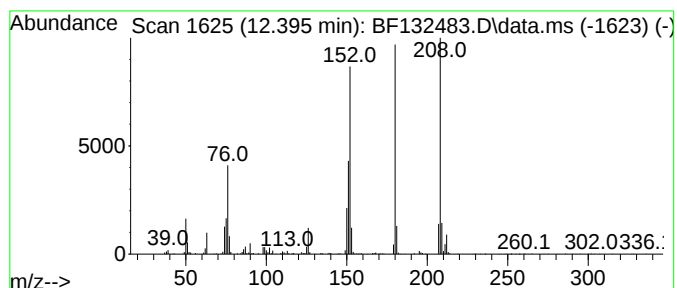
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.395	11.91 ng	769489	Phenanthrene-d10	11.572

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

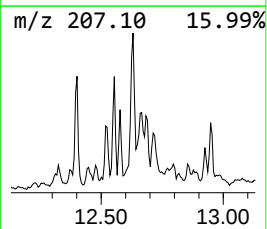
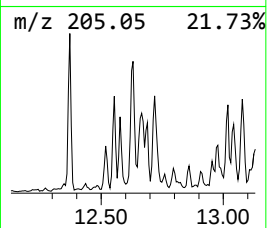
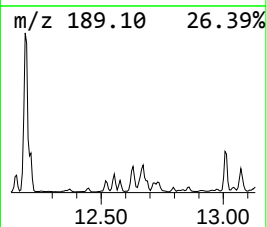
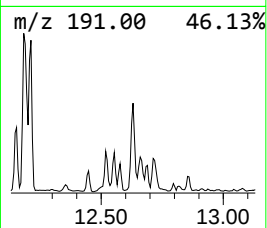
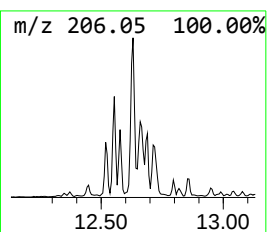
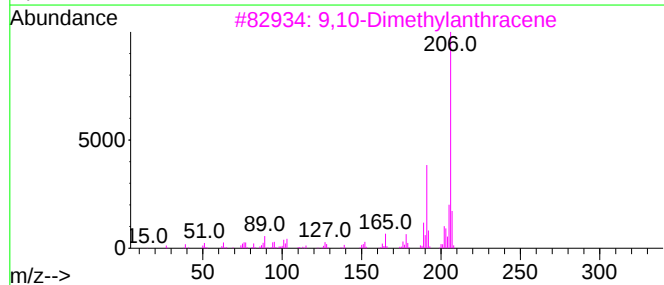
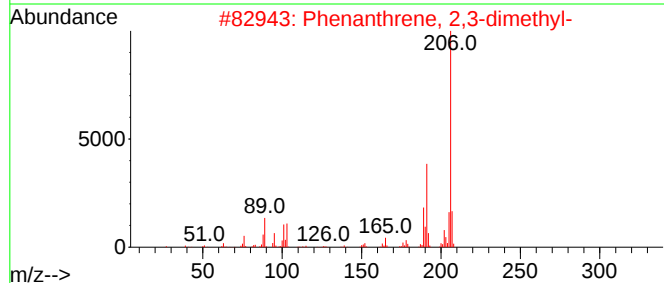
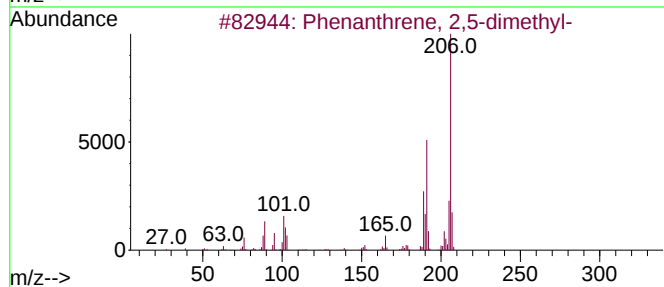
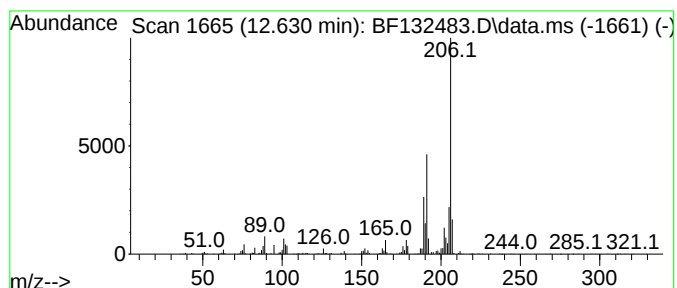
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.631	13.41 ng	866363	Phenanthrene-d10	11.572

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

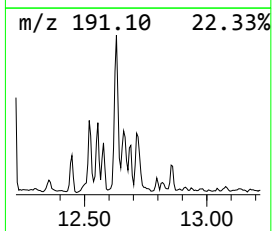
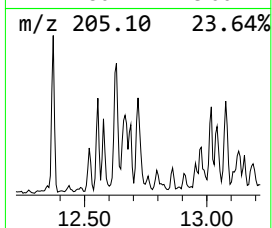
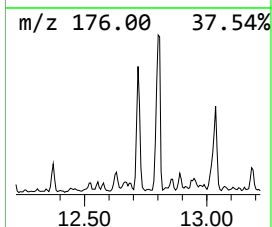
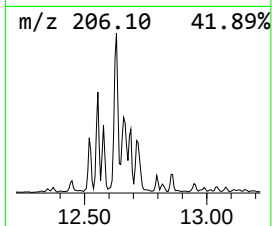
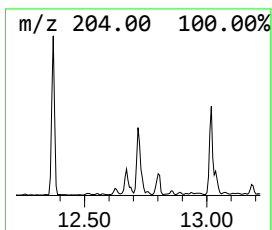
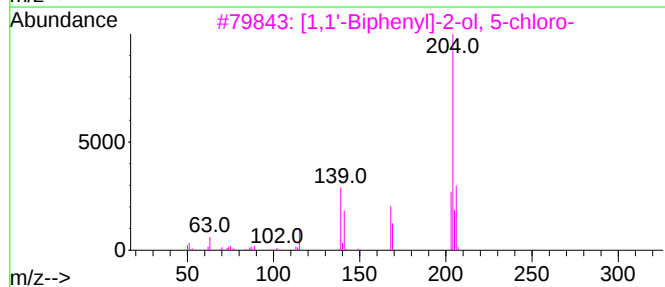
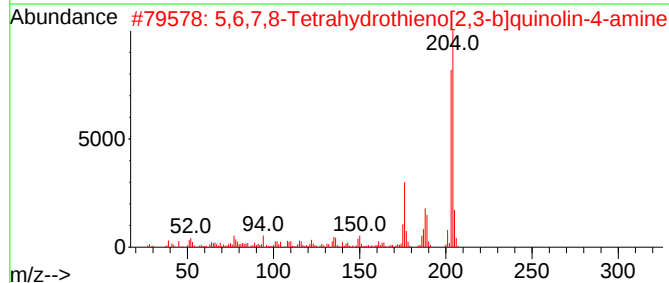
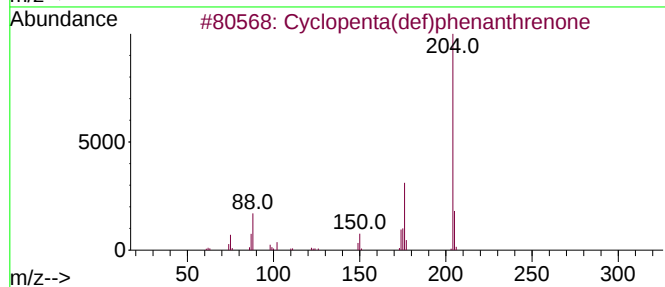
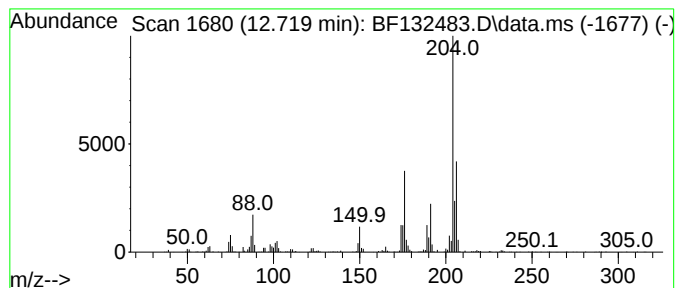
Instrument :
BNA_F
ClientSampleId :
C0158

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.719	9.60 ng	619910	Phenanthrene-d10			11.572
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2		5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4		Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

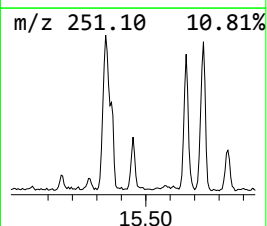
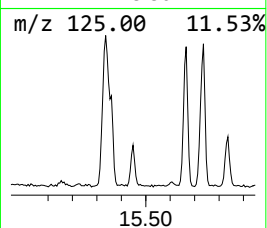
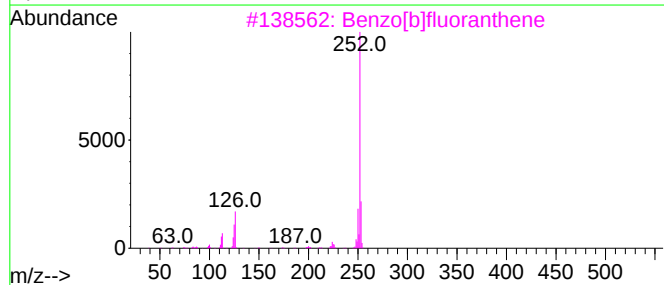
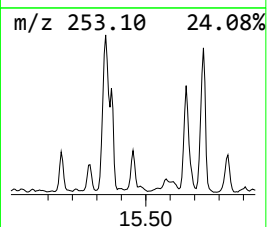
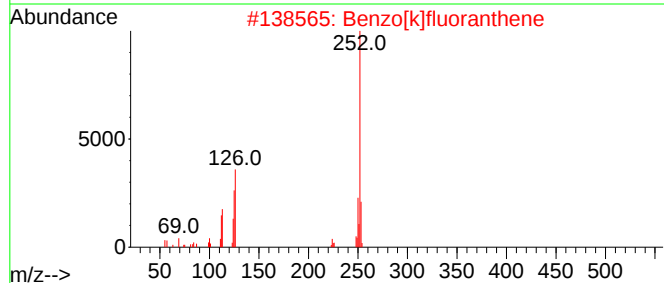
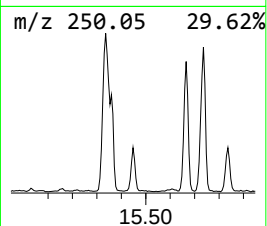
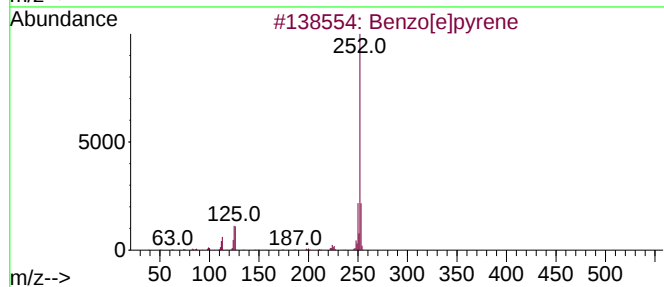
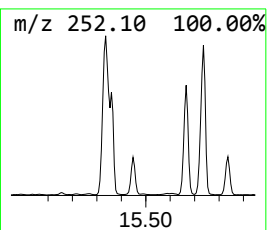
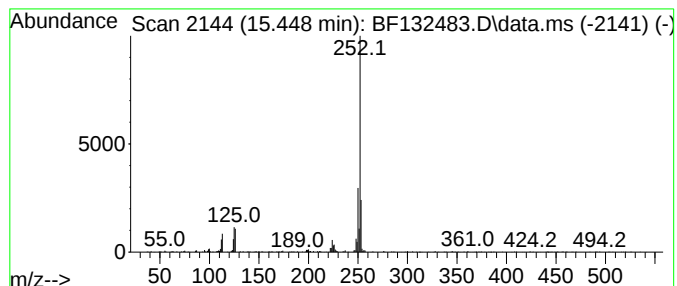
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.448	10.25 ng	390736	Perylene-d12	15.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

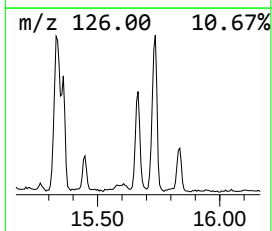
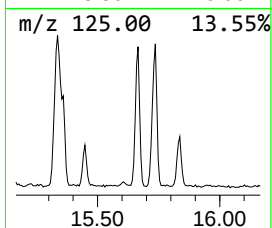
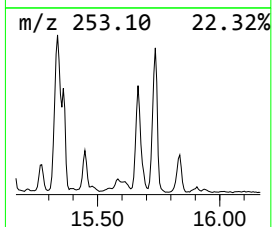
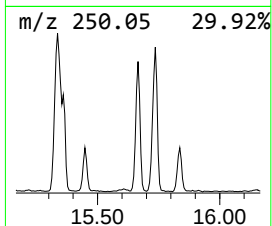
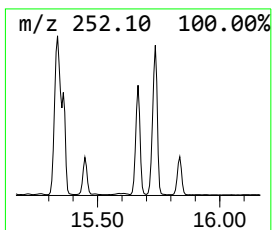
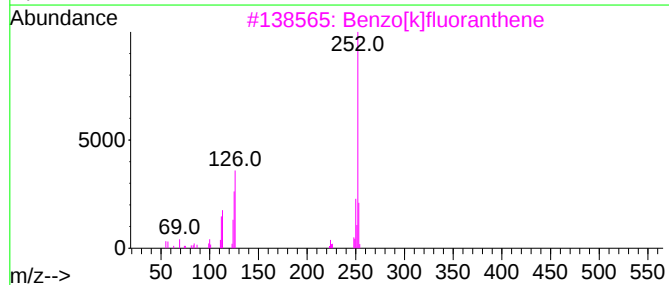
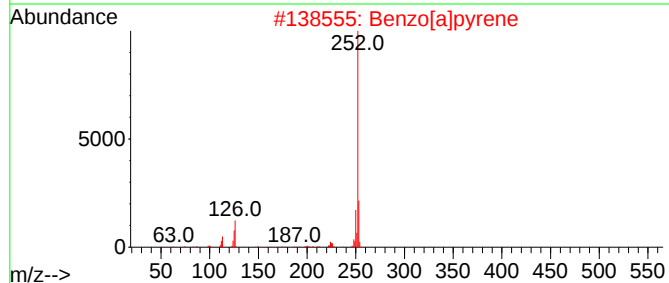
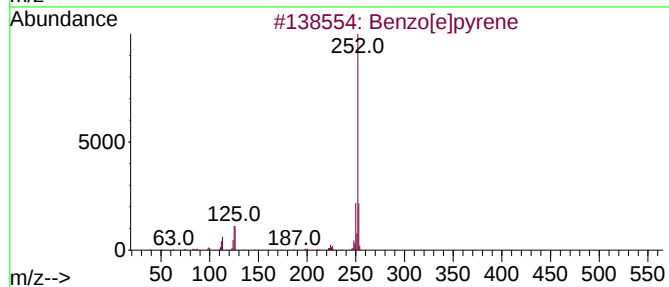
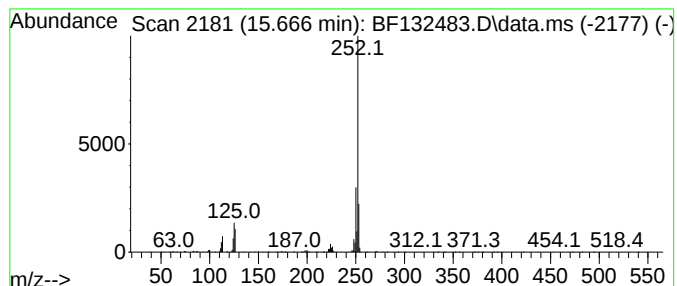
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.666	38.14 ng	1453520	Perylene-d12	15.801

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132483.D
Acq On : 20 Feb 2023 17:28
Operator : CG\JU
Sample : 01552-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0158

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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
2-Pentanone, 4-...	5.266	37.6	ng	2305870	1	7.025	1227960	20.0
Bicyclo[4.2.0]o...	5.872	14.0	ng	859665	1	7.025	1227960	20.0
Benzene, 1-ethe...	6.860	20.9	ng	1284800	1	7.025	1227960	20.0
Benzene, 1-ethe...	6.901	10.5	ng	646289	1	7.025	1227960	20.0
Indene	7.290	20.7	ng	1269910	1	7.025	1227960	20.0
Benzenemethanet...	7.884	15.4	ng	1215720	2	8.313	1580380	20.0
2-Methylindene	8.060	9.2	ng	729232	2	8.313	1580380	20.0
o-Cymene	8.525	16.4	ng	1292050	2	8.313	1580380	20.0
Benzene, 1-meth...	8.584	18.1	ng	1430830	2	8.313	1580380	20.0
Dibenzothiophene	11.466	9.9	ng	639121	4	11.572	1291730	20.0
Phenanthrene, 2...	12.078	22.4	ng	1445870	4	11.572	1291730	20.0
Phenanthrene, 1...	12.107	22.7	ng	1464540	4	11.572	1291730	20.0
4H-Cyclopenta[d...	12.189	27.1	ng	1747610	4	11.572	1291730	20.0
Phenanthrene, 4...	12.213	9.8	ng	629728	4	11.572	1291730	20.0
5,16[1',2']:8,1...	12.372	11.5	ng	740669	4	11.572	1291730	20.0
9,10-Anthracene...	12.395	11.9	ng	769489	4	11.572	1291730	20.0
Phenanthrene, 2...	12.631	13.4	ng	866363	4	11.572	1291730	20.0
Cyclopenta(def)...	12.719	9.6	ng	619910	4	11.572	1291730	20.0
Benzo[e]pyrene	15.448	10.3	ng	390736	6	15.801	762106	20.0
Perylene	15.666	38.1	ng	1453520	6	15.801	762106	20.0