

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140156.D
 Acq On : 30 Oct 2024 14:41
 Operator : RC/JU
 Sample : P4578-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-TOP

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-BF101824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140156.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	7	15	26	rVB	1139608	1813109	78.14%	5.927%
2	3.981	316	321	333	rVB	48257	79826	3.44%	0.261%
3	5.498	573	579	584	rBV	1629989	2148736	92.61%	7.024%
4	6.498	743	749	755	rBV	1549152	2219830	95.67%	7.256%
5	6.881	809	814	819	rBV	575806	696360	30.01%	2.276%
6	6.940	820	824	828	rBV	31671	38222	1.65%	0.125%
7	7.151	850	860	864	rBV3	24936	45790	1.97%	0.150%
8	7.198	864	868	874	rVB	52983	66791	2.88%	0.218%
9	7.275	874	881	889	rBV	37299	56356	2.43%	0.184%
10	7.345	889	893	895	rBV	31648	44372	1.91%	0.145%
11	7.440	900	909	914	rBV	1124707	1568450	67.60%	5.127%
12	7.528	919	924	927	rBV4	30086	46647	2.01%	0.152%
13	7.645	938	944	946	rBV	89646	121968	5.26%	0.399%
14	7.675	946	949	958	rVB2	148143	258406	11.14%	0.845%
15	7.763	958	964	965	rBV2	31487	40037	1.73%	0.131%
16	7.834	970	976	980	rVB3	66133	122806	5.29%	0.401%
17	7.898	980	987	991	rBV2	138606	234344	10.10%	0.766%
18	7.975	997	1000	1006	rVB2	40914	63277	2.73%	0.207%
19	8.163	1024	1032	1039	rBV2	735066	1211555	52.22%	3.960%
20	8.216	1039	1041	1045	rVV	43451	56713	2.44%	0.185%
21	8.375	1063	1068	1074	rVB4	26733	44966	1.94%	0.147%
22	8.457	1074	1082	1087	rBV5	42929	89434	3.85%	0.292%
23	8.581	1099	1103	1108	rBV	61934	87960	3.79%	0.288%
24	8.751	1127	1132	1136	rVV	187480	224222	9.66%	0.733%
25	8.810	1136	1142	1145	rVV7	18763	45121	1.94%	0.147%
26	8.875	1149	1153	1157	rVB	109572	138694	5.98%	0.453%
27	8.975	1165	1170	1174	rVB	122813	161448	6.96%	0.528%
28	9.039	1177	1181	1184	rBV3	28492	51062	2.20%	0.167%
29	9.186	1203	1206	1209	rVB	45507	54440	2.35%	0.178%
30	9.239	1209	1215	1220	rBV	1836985	2320319	100.00%	7.584%
31	9.322	1224	1229	1234	rBV	167587	233406	10.06%	0.763%
32	9.439	1244	1249	1254	rVB	58606	93637	4.04%	0.306%
33	9.504	1254	1260	1264	rBV	70816	112777	4.86%	0.369%
34	9.575	1268	1272	1275	rVV	129258	191144	8.24%	0.625%
35	9.604	1275	1277	1280	rVV	72033	85638	3.69%	0.280%
36	9.639	1280	1283	1289	rVV3	70631	118034	5.09%	0.386%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.698	1289	1293	1302	rVB	73504	109800	4.73%	0.359%
38	9.781	1303	1307	1312	rVB	84935	110176	4.75%	0.360%
39	9.851	1312	1319	1323	rBV	105735	149389	6.44%	0.488%
40	9.922	1324	1331	1335	rBV	772335	1030064	44.39%	3.367%
41	9.957	1335	1337	1340	rVB	122211	117815	5.08%	0.385%
42	10.028	1345	1349	1353	rVB	40626	59065	2.55%	0.193%
43	10.081	1353	1358	1361	rBV3	30741	54759	2.36%	0.179%
44	10.122	1361	1365	1369	rBV2	61261	78573	3.39%	0.257%
45	10.163	1369	1372	1381	rVB3	55047	81383	3.51%	0.266%
46	10.239	1381	1385	1387	rBV2	51574	66883	2.88%	0.219%
47	10.269	1387	1390	1396	rVB2	38529	50624	2.18%	0.165%
48	10.328	1396	1400	1402	rBV	52812	77476	3.34%	0.253%
49	10.469	1421	1424	1430	rVB2	73573	103046	4.44%	0.337%
50	10.522	1430	1433	1437	rBV	37659	66415	2.86%	0.217%
51	10.581	1440	1443	1447	rVV2	61651	88605	3.82%	0.290%
52	10.639	1448	1453	1459	rVB	378572	498736	21.49%	1.630%
53	10.710	1459	1465	1470	rBV	1033895	1388483	59.84%	4.539%
54	10.839	1482	1487	1493	rVB2	80570	126022	5.43%	0.412%
55	11.016	1513	1517	1520	rVV2	74019	117349	5.06%	0.384%
56	11.051	1520	1523	1526	rVV2	54680	74916	3.23%	0.245%
57	11.104	1529	1532	1536	rVB	42980	51972	2.24%	0.170%
58	11.310	1563	1567	1574	rVB2	74826	113685	4.90%	0.372%
59	11.416	1580	1585	1588	rBV	701627	1059810	45.68%	3.464%
60	11.486	1593	1597	1601	rVV	125535	164549	7.09%	0.538%
61	11.657	1622	1626	1630	rBV5	31113	59778	2.58%	0.195%
62	11.745	1638	1641	1652	rVB	52247	82686	3.56%	0.270%
63	11.833	1653	1656	1659	rVB2	30049	37450	1.61%	0.122%
64	11.916	1666	1670	1672	rBV	154515	199659	8.60%	0.653%
65	11.945	1672	1675	1680	rVV	335354	462993	19.95%	1.513%
66	11.992	1680	1683	1686	rVV	110757	164391	7.08%	0.537%
67	12.033	1686	1690	1698	rVB	273277	575319	24.79%	1.881%
68	12.216	1717	1721	1725	rVB	64028	89567	3.86%	0.293%
69	12.363	1741	1746	1749	rBV2	68325	112158	4.83%	0.367%
70	12.469	1761	1764	1768	rBV	124084	170078	7.33%	0.556%
71	12.510	1768	1771	1776	rVB2	98688	152420	6.57%	0.498%
72	12.563	1777	1780	1788	rVB3	62383	132003	5.69%	0.431%
73	12.633	1788	1792	1795	rBV	335956	423354	18.25%	1.384%
74	12.675	1795	1799	1805	rVV	408029	525065	22.63%	1.716%
75	12.727	1805	1808	1815	rVB	97115	134610	5.80%	0.440%
76	12.827	1822	1825	1827	rBV2	50774	62484	2.69%	0.204%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140156.D
 Acq On : 30 Oct 2024 14:41
 Operator : RC/JU
 Sample : P4578-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-TOP

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-BF101824.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.863	1827	1831	1837	rVB	341847	492129	21.21%	1.609%
78	13.010	1851	1856	1863	rVB	1272155	1735511	74.80%	5.673%
79	13.080	1864	1868	1875	rBV2	73263	137069	5.91%	0.448%
80	13.192	1881	1887	1891	rVB2	138075	262986	11.33%	0.860%
81	13.257	1892	1898	1902	rVV2	103090	183318	7.90%	0.599%
82	13.298	1902	1905	1912	rVB	83710	121628	5.24%	0.398%
83	13.386	1918	1920	1923	rVV2	47227	52889	2.28%	0.173%
84	13.422	1923	1926	1935	rVB	77620	132826	5.72%	0.434%
85	13.539	1943	1946	1949	rBV	38329	41290	1.78%	0.135%
86	14.069	2030	2036	2047	rVB2	496086	1020451	43.98%	3.336%
87	14.463	2100	2103	2107	rVB	60889	81254	3.50%	0.266%
88	14.563	2117	2120	2123	rVB2	41837	51113	2.20%	0.167%
89	15.139	2213	2218	2229	rVV	113691	271135	11.69%	0.886%
90	15.245	2233	2236	2242	rVB	47967	76857	3.31%	0.251%
91	15.451	2266	2271	2276	rVV	81181	128470	5.54%	0.420%
92	15.515	2277	2282	2287	rVV	145895	227402	9.80%	0.743%
93	15.580	2287	2293	2306	rVB	360785	636013	27.41%	2.079%
94	17.092	2545	2550	2558	rBV2	52397	115123	4.96%	0.376%
95	17.168	2558	2563	2571	rVB9	26750	57065	2.46%	0.187%
96	17.380	2591	2599	2610	rVB4	78214	213657	9.21%	0.698%
97	17.551	2621	2628	2636	rBV	44577	107127	4.62%	0.350%
98	17.804	2666	2671	2678	rVB	17705	41383	1.78%	0.135%
99	17.968	2693	2699	2707	rVB	19614	57836	2.49%	0.189%
100	18.345	2756	2763	2775	rVB9	40378	139161	6.00%	0.455%

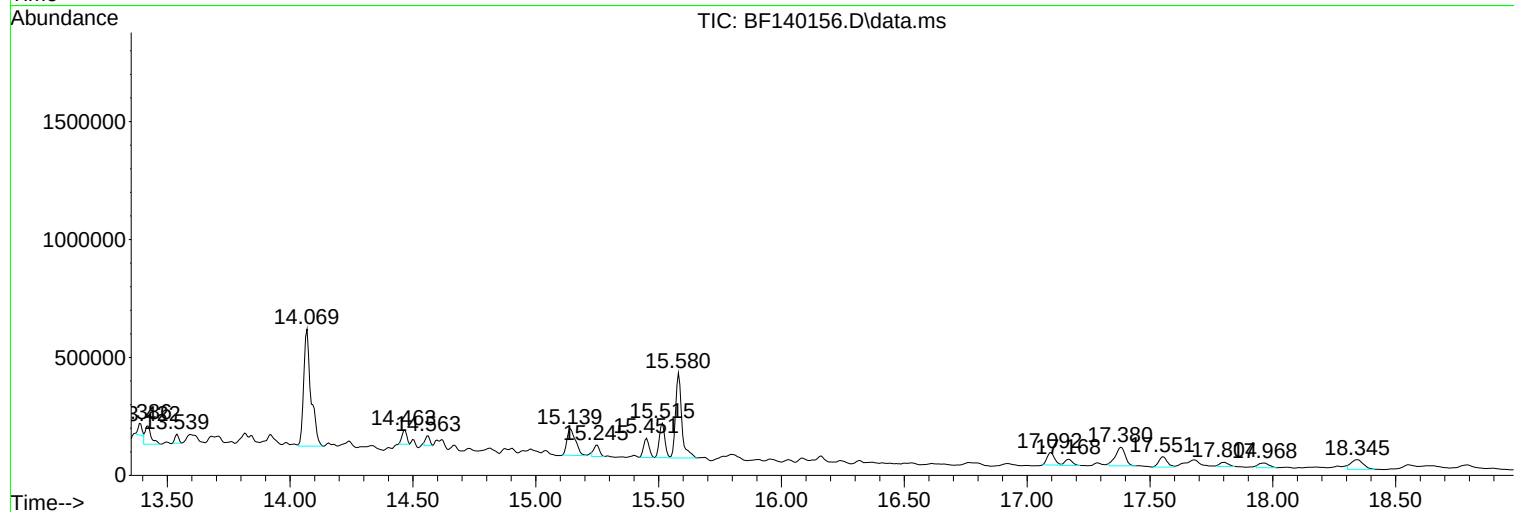
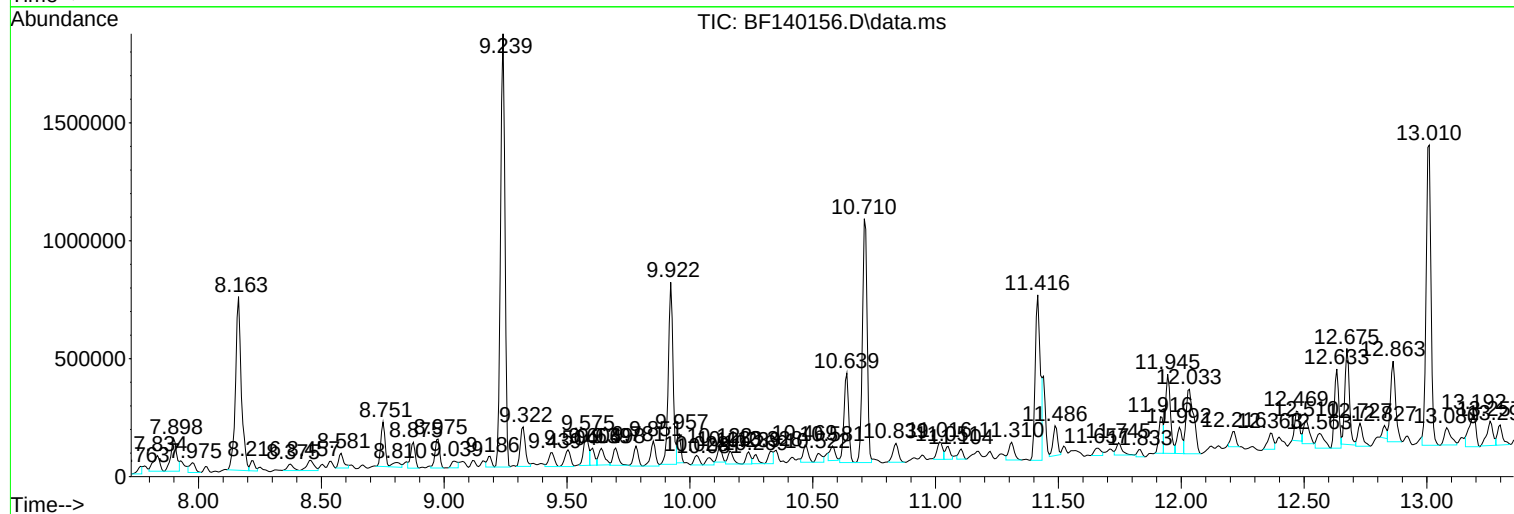
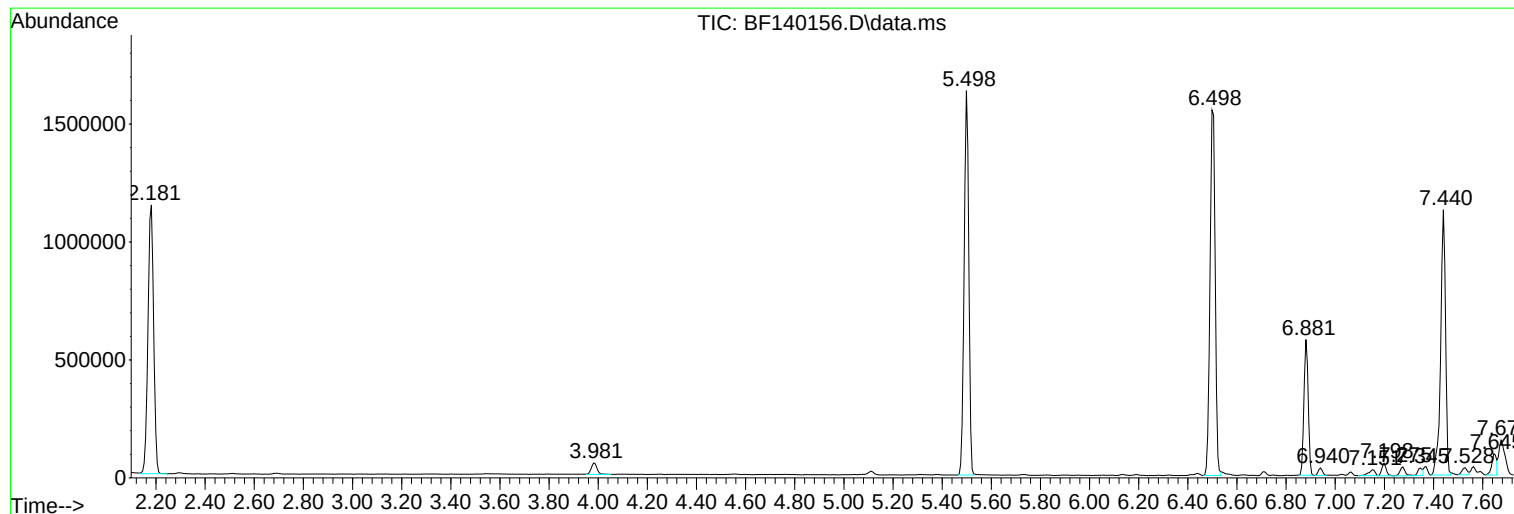
Sum of corrected areas: 30593200

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

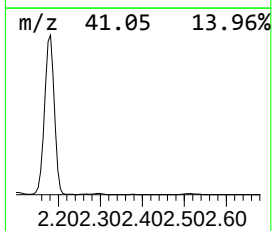
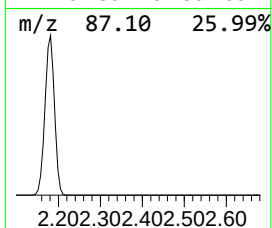
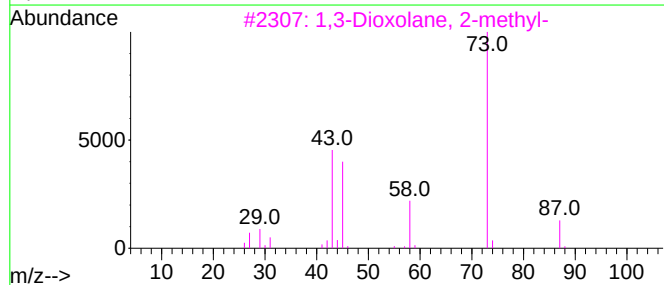
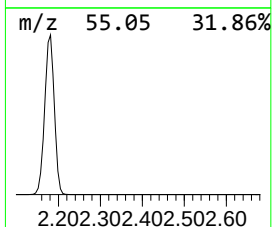
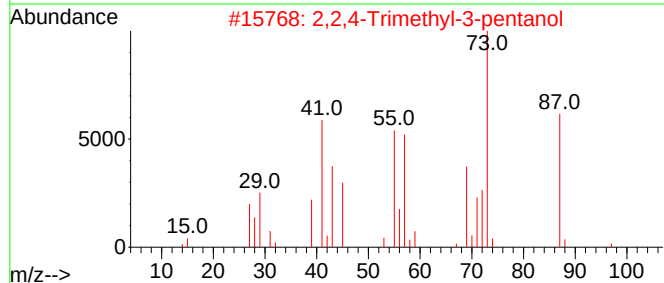
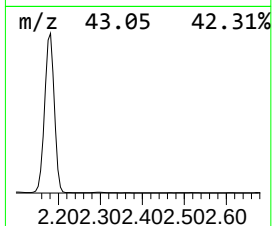
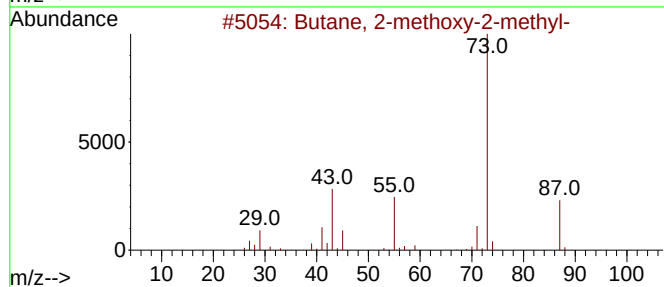
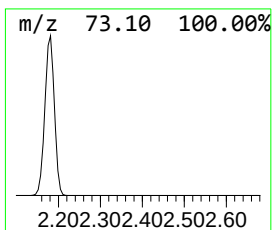
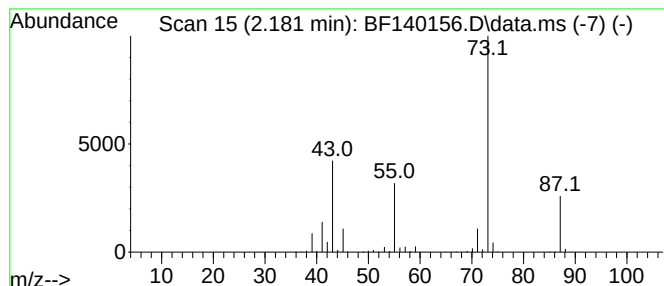
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	52.07 ng	1813110	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

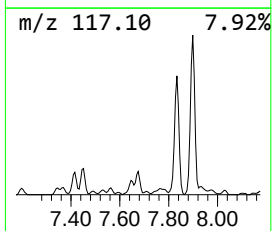
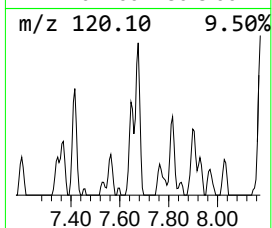
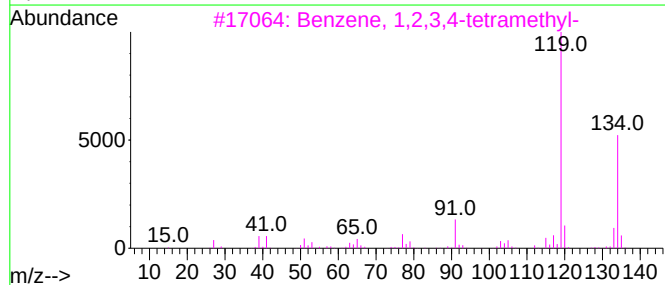
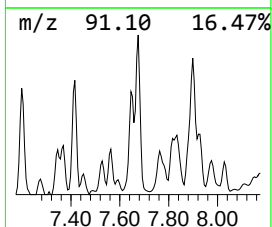
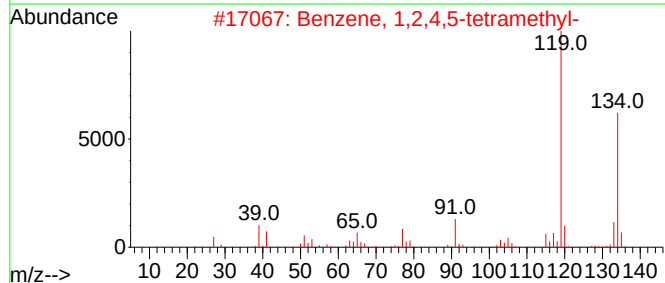
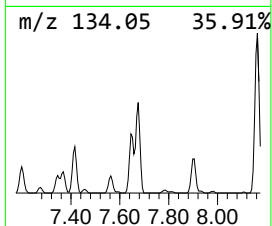
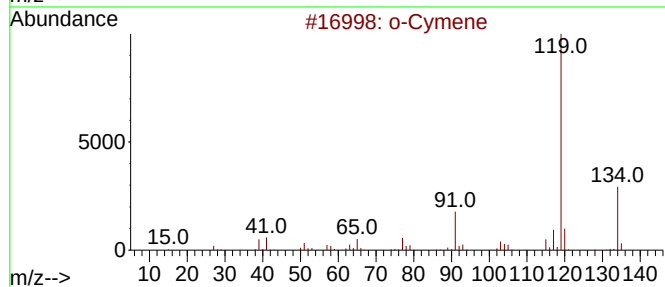
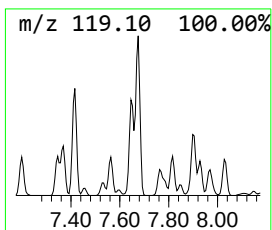
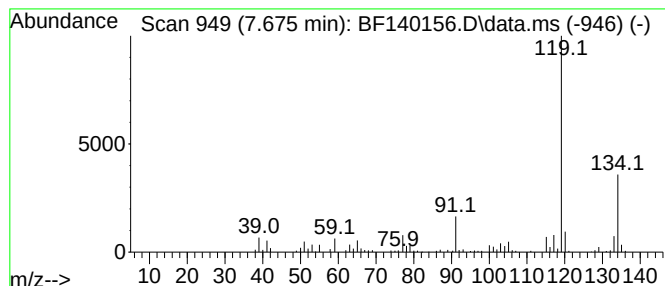
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	4.27 ng	258406	Naphthalene-d8	8.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

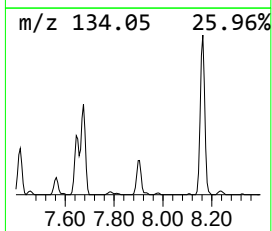
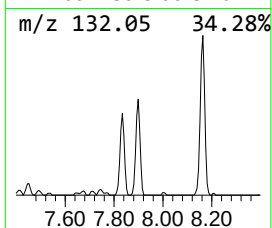
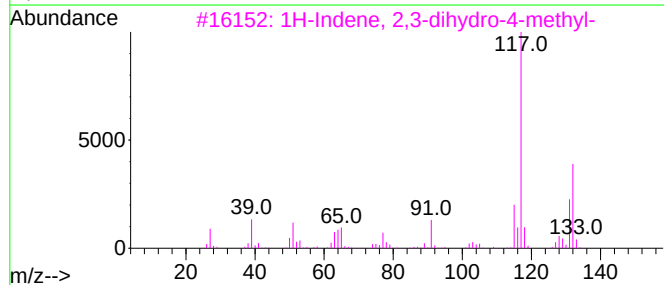
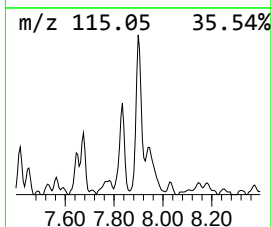
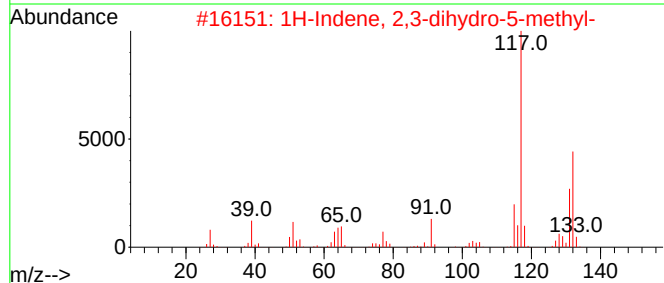
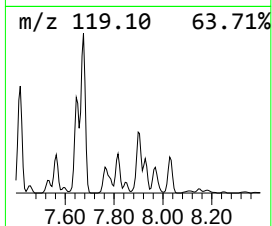
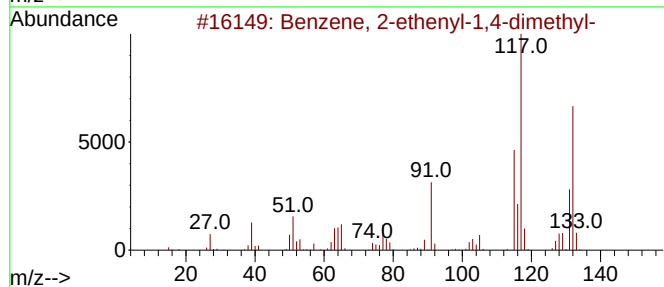
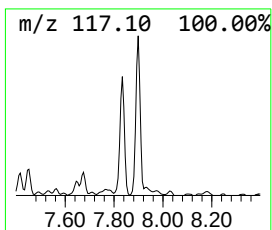
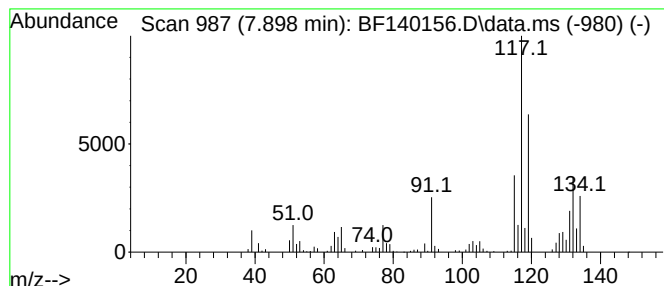
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.898	3.87 ng	234344	Naphthalene-d8	8.163	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

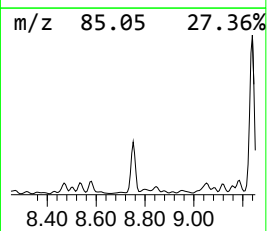
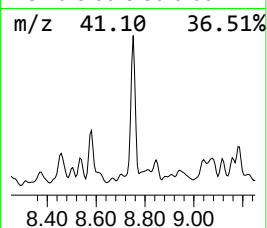
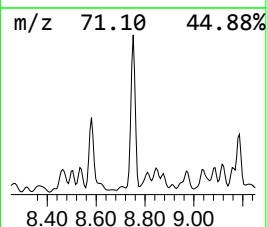
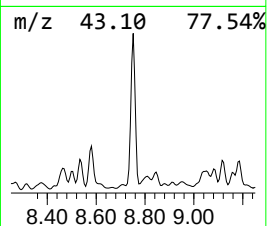
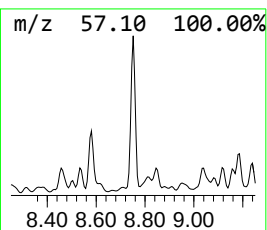
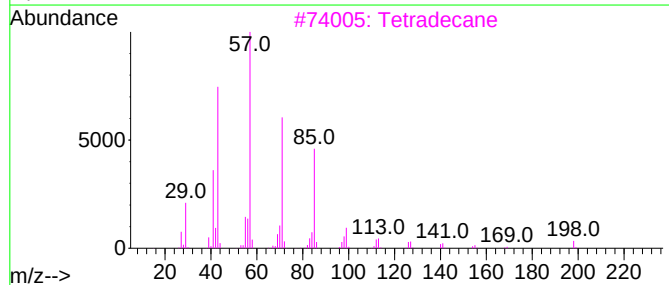
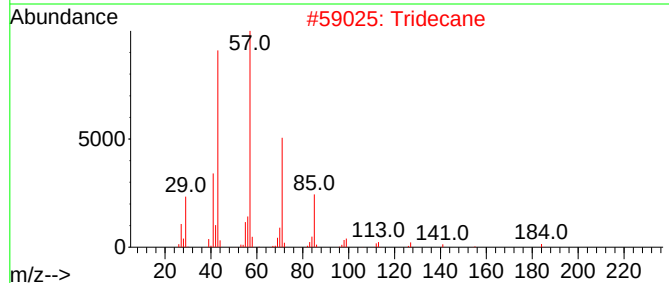
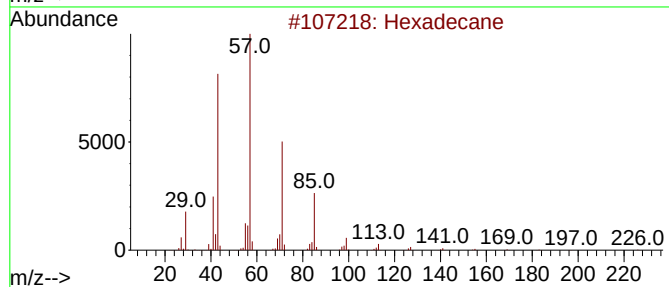
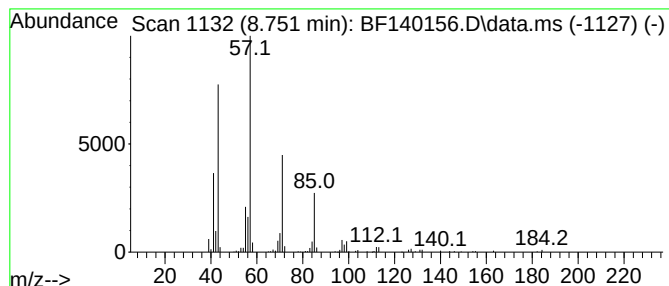
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	3.70 ng	224222	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tridecane	184	C13H28	000629-50-5	87
3			Tetradecane	198	C14H30	000629-59-4	83
4			Dodecane	170	C12H26	000112-40-3	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

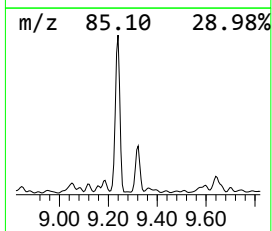
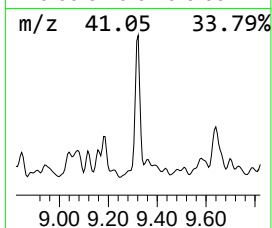
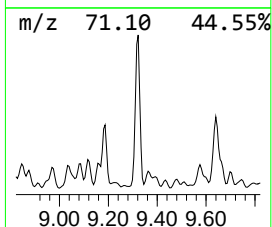
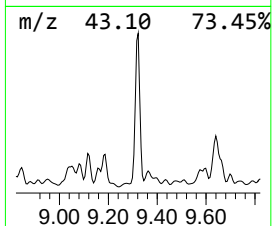
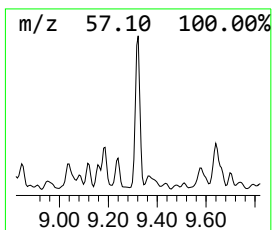
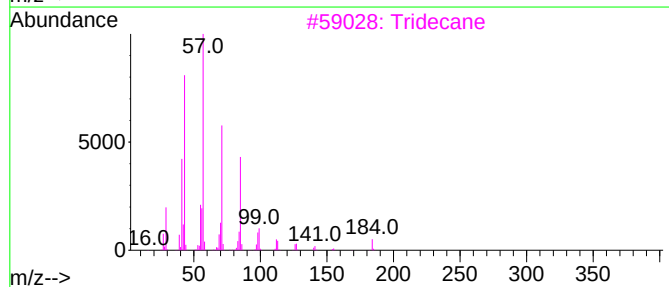
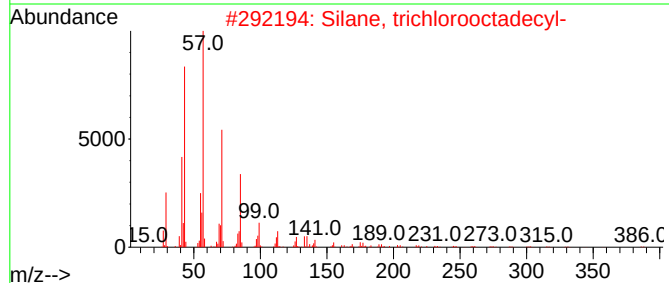
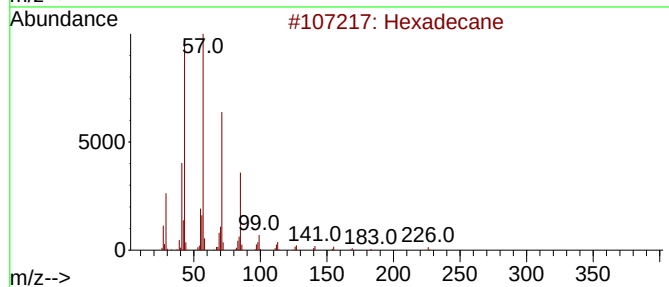
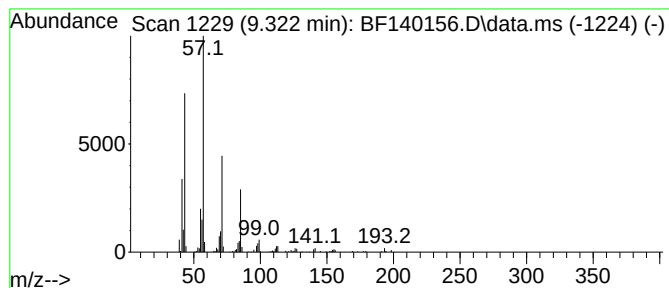
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Silane, trichlorooctadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	4.53 ng	233406	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Undecane	156	C11H24	001120-21-4	87
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

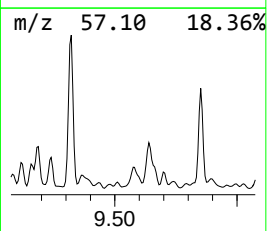
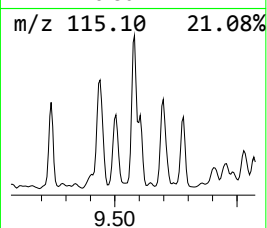
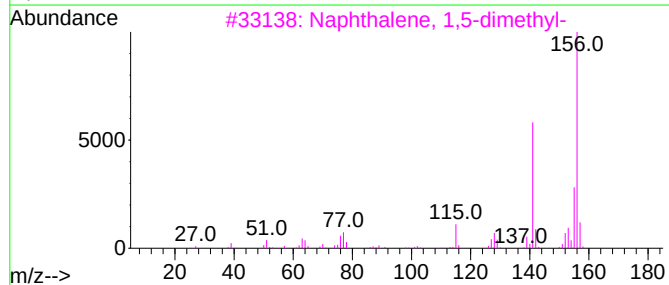
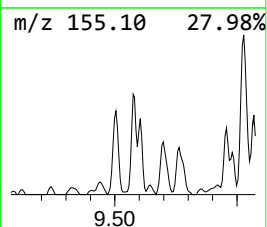
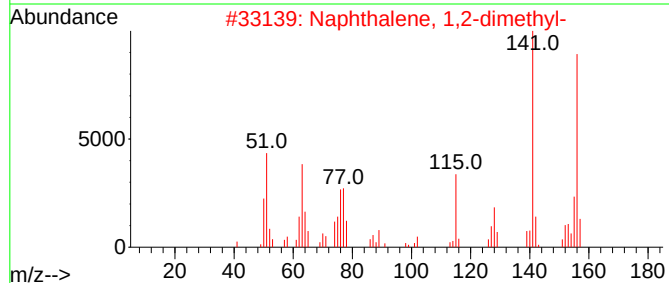
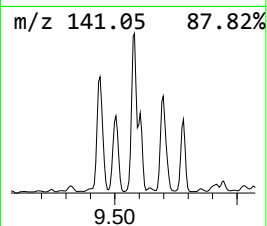
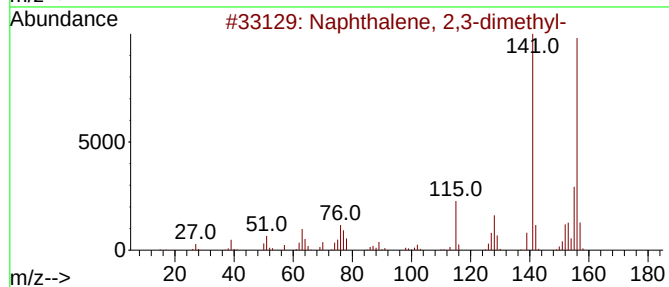
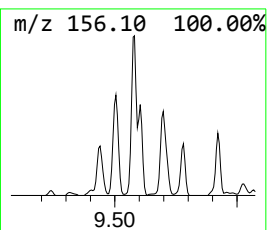
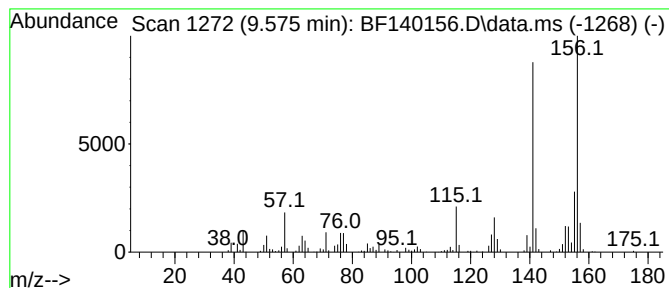
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	3.71 ng	191144	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

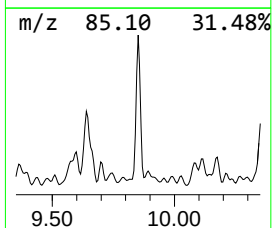
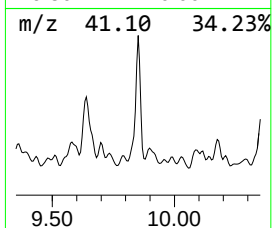
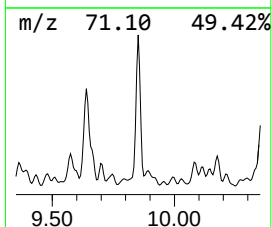
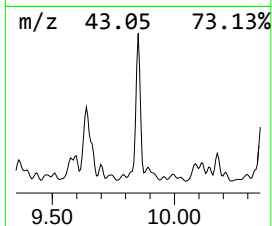
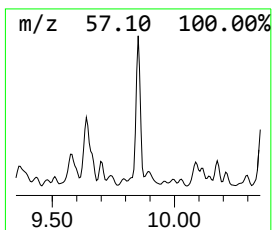
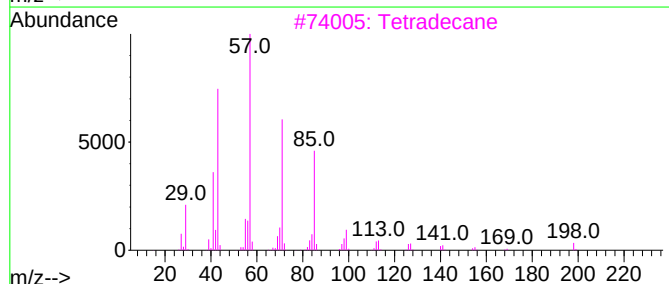
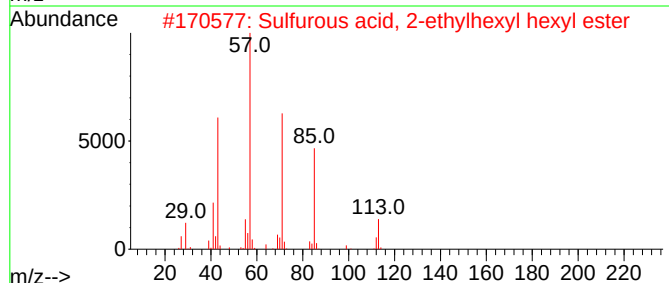
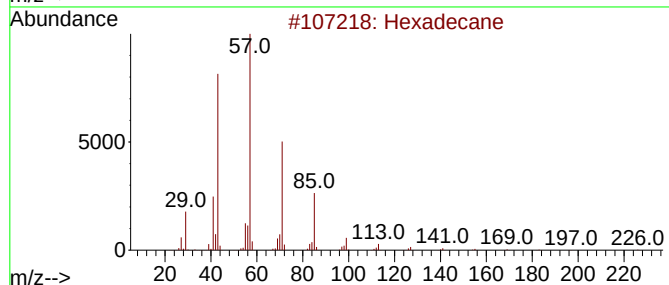
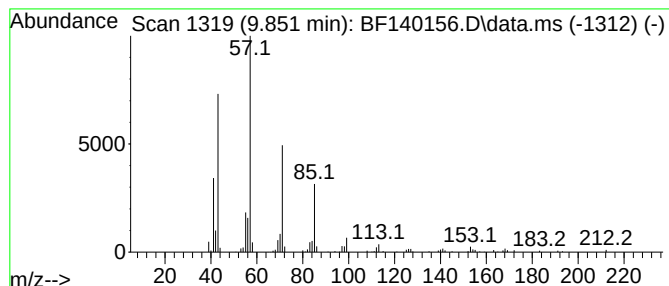
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	2.90 ng	149389	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3			Tetradecane	198	C14H30	000629-59-4	83
4			Pentadecane	212	C15H32	000629-62-9	81
5			Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

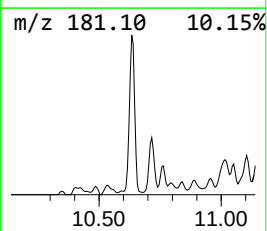
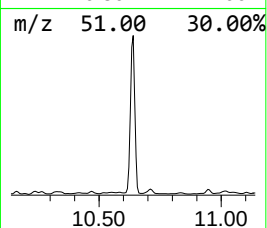
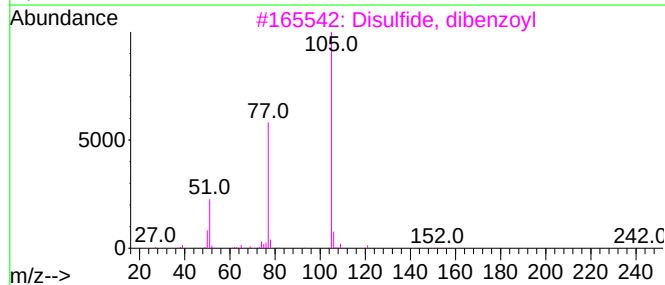
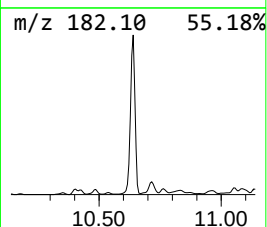
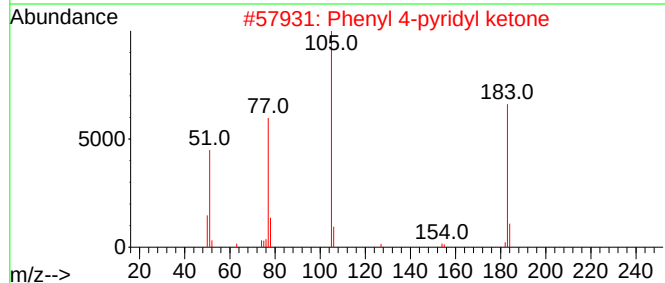
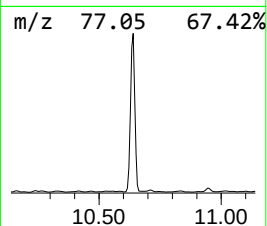
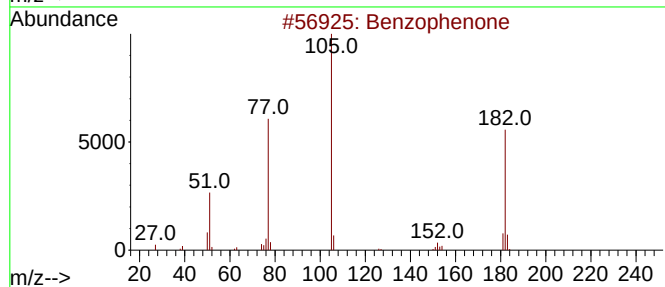
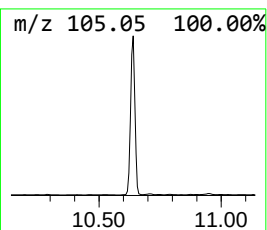
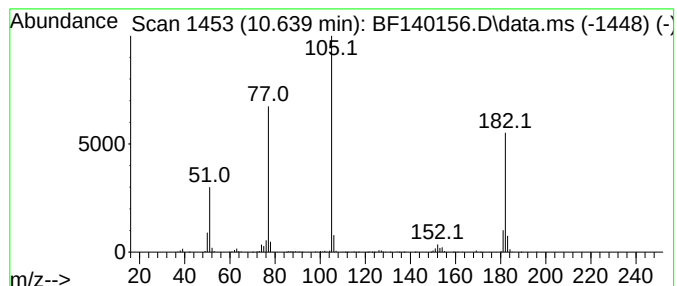
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	9.68 ng	498736	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
4			N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	47
5			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

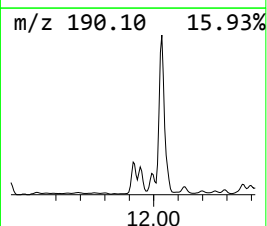
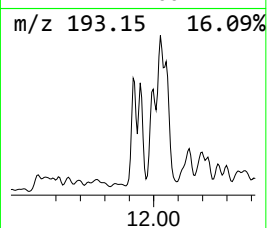
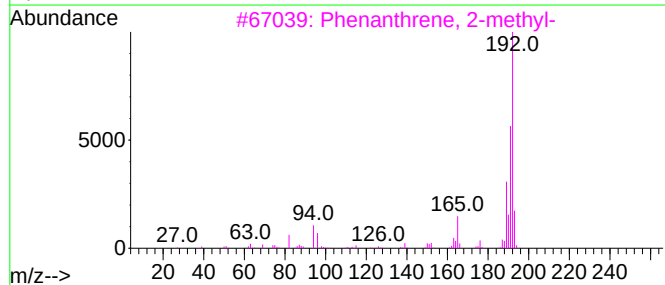
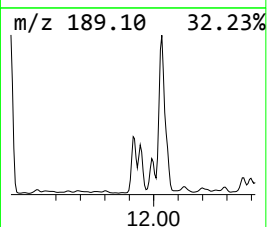
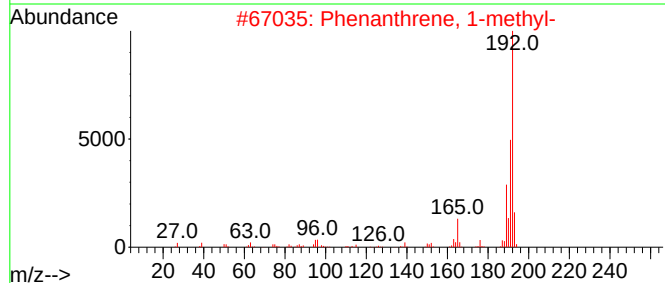
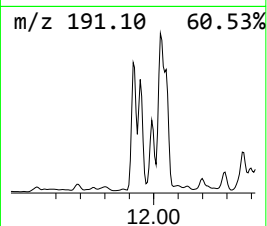
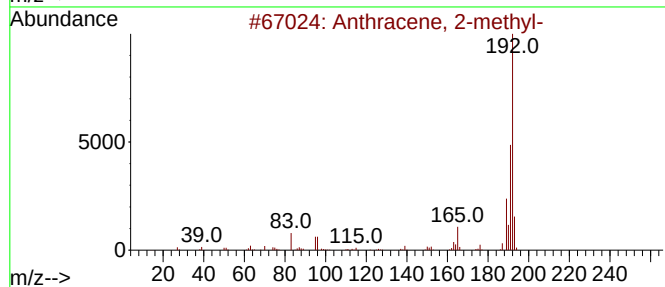
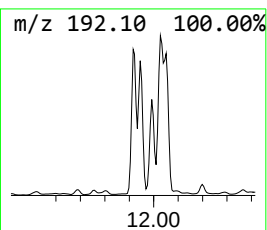
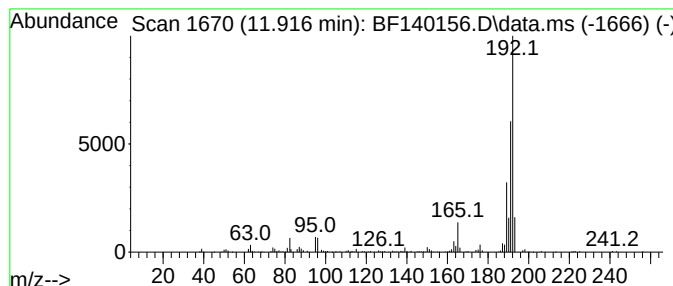
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.77 ng	199659	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

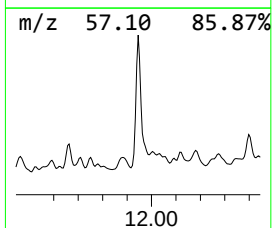
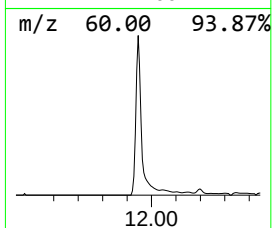
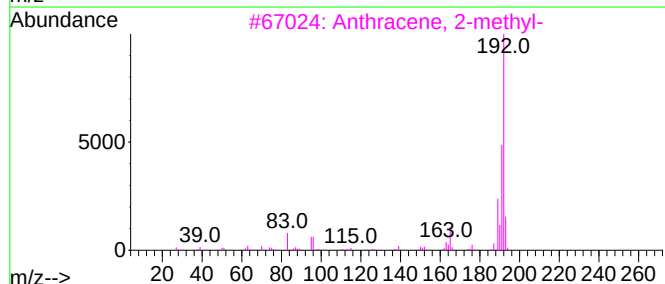
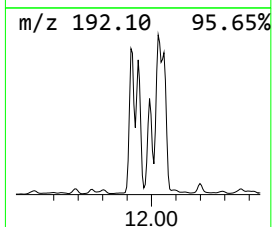
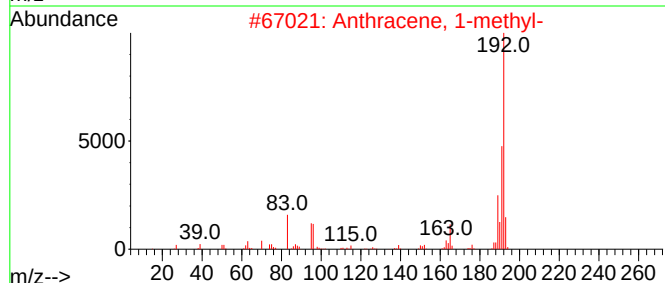
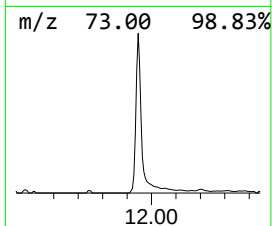
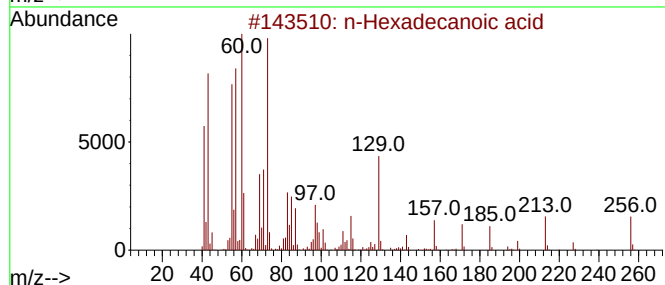
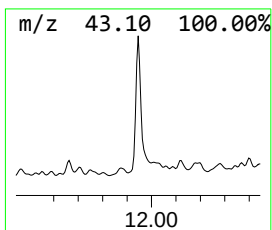
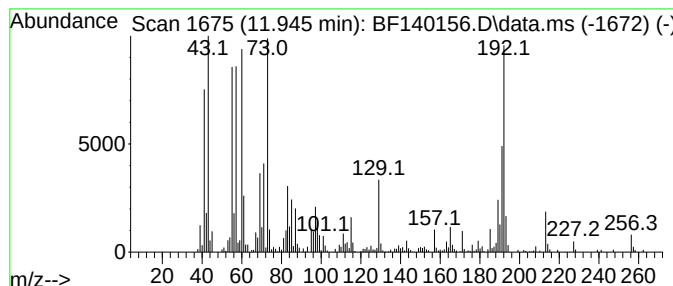
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.74 ng	462993	Phenanthrene-d10	11.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

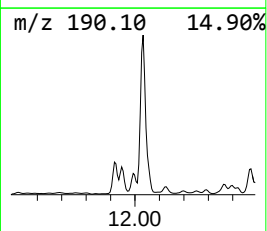
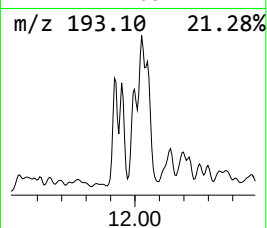
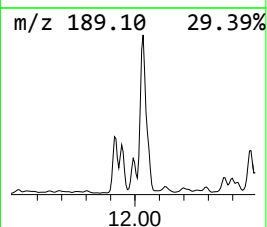
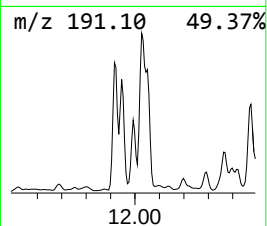
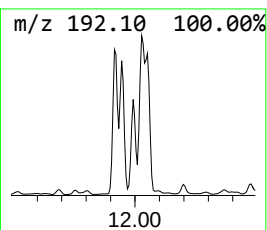
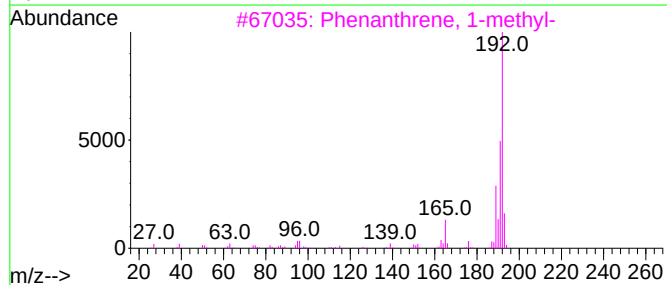
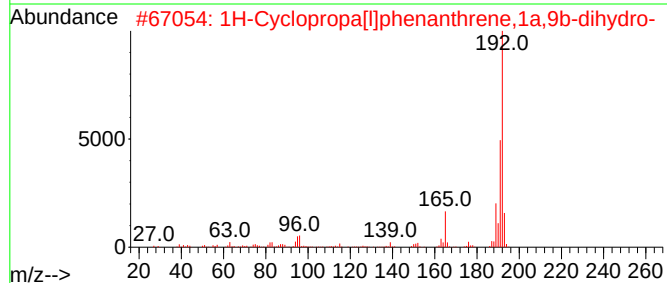
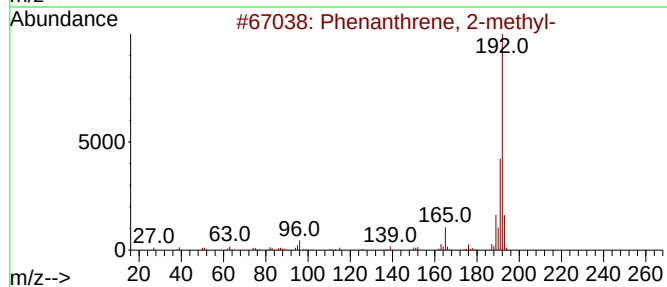
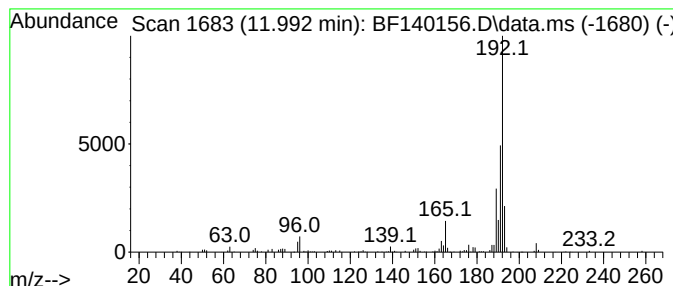
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	3.10 ng	164391	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

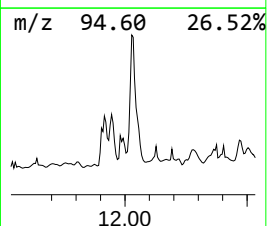
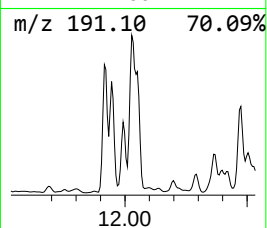
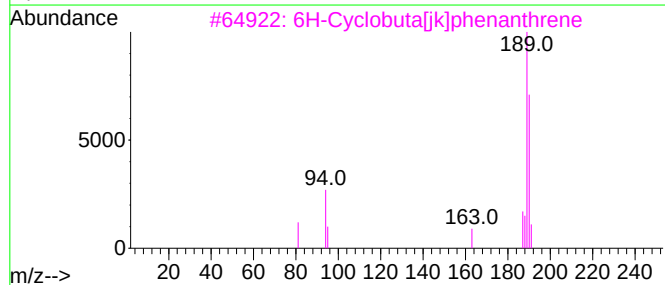
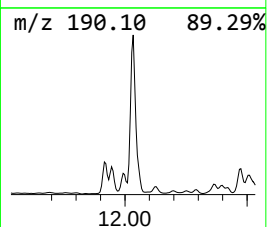
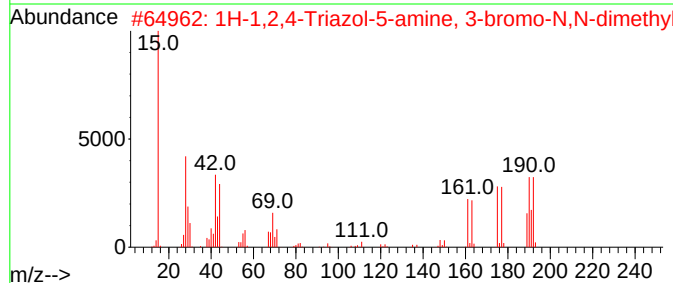
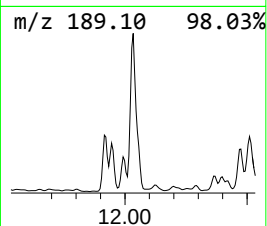
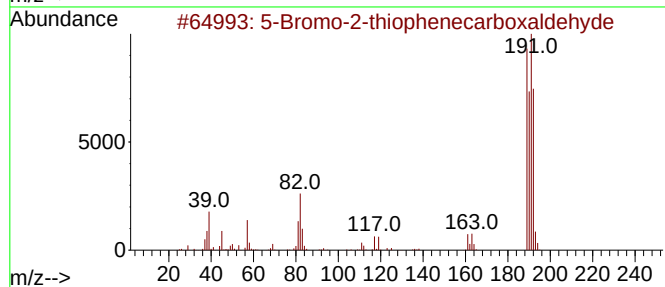
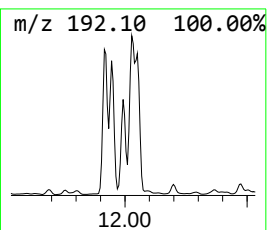
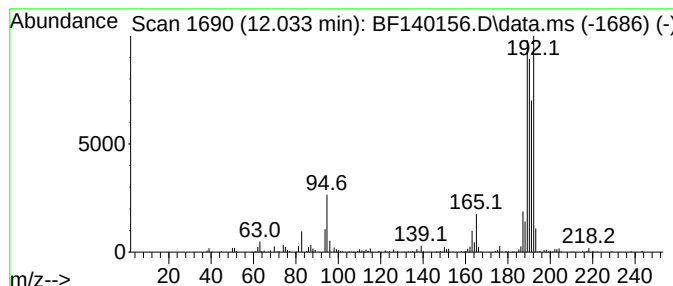
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5-Bromo-2-thiophenecarboxal... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.033	10.86 ng	575319	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde		190	C5H3BrOS	004701-17-1	64
2	1H-1,2,4-Triazol-5-amine, 3-brom...		190	C4H7BrN4	1000460-85-7	53
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	49
4	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	49
5	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

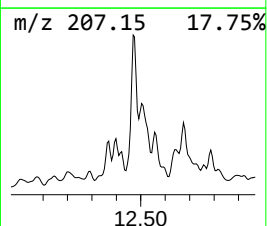
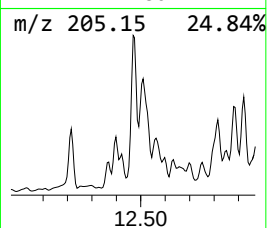
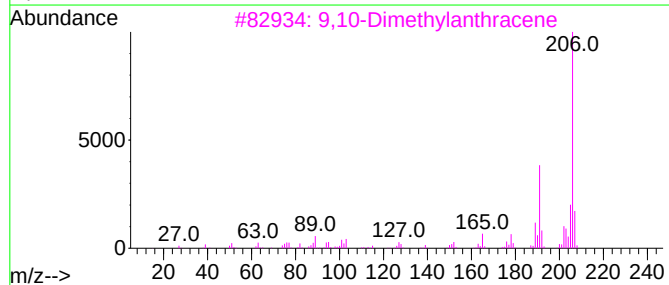
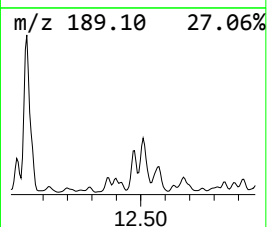
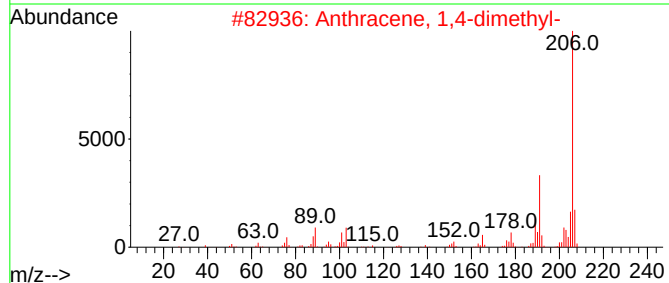
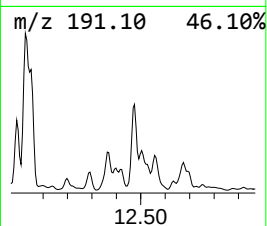
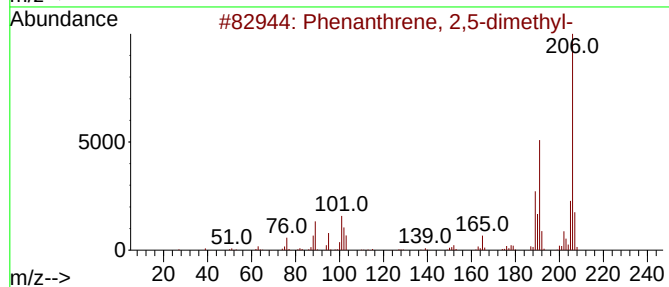
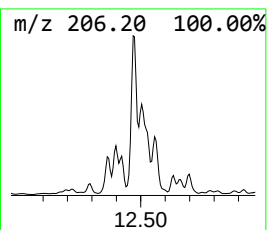
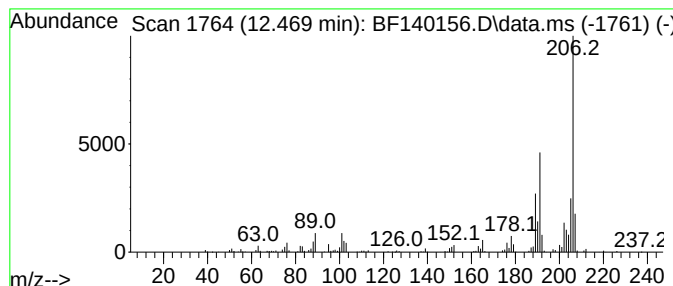
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.469	3.21 ng	170078	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	93
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

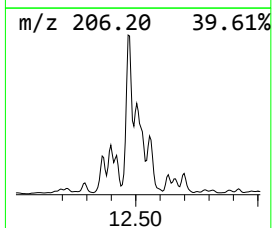
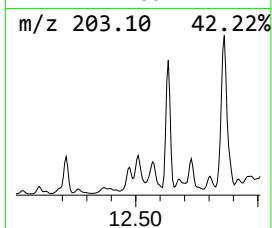
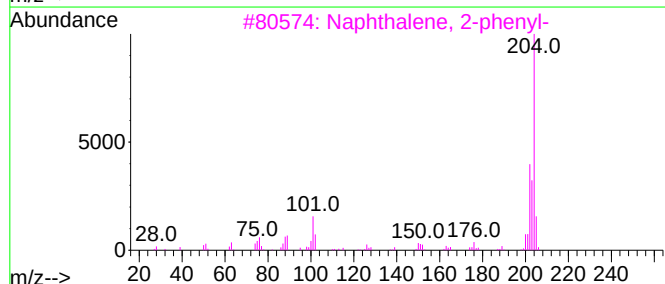
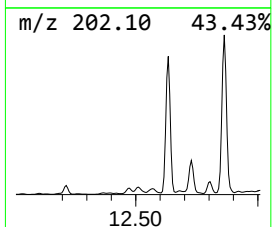
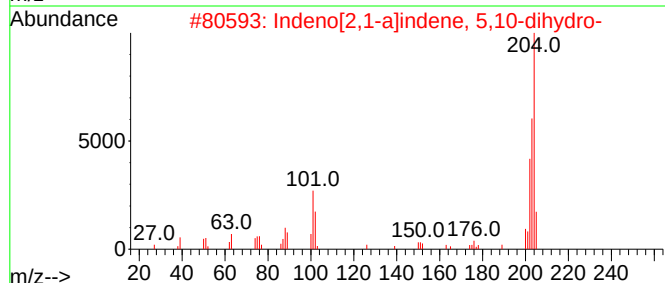
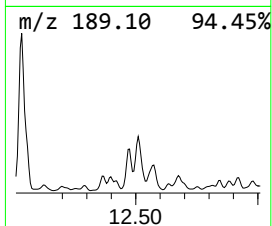
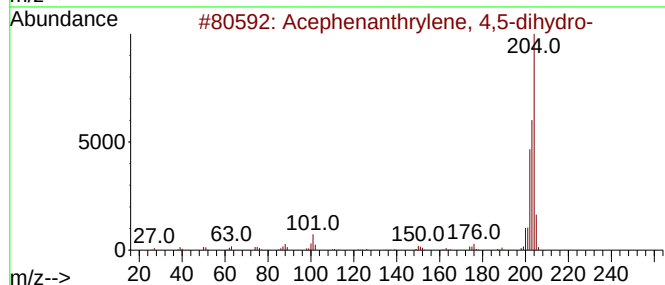
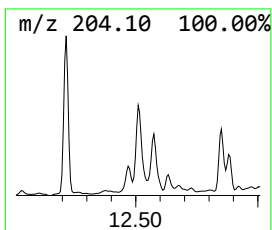
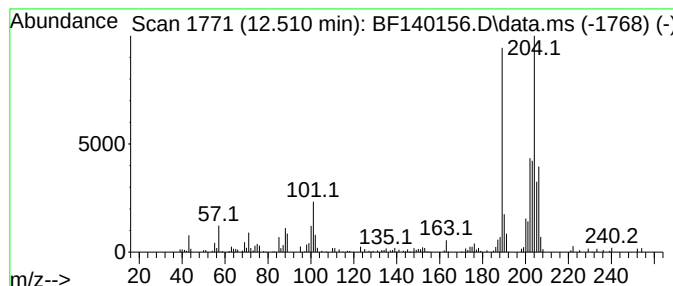
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.510 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.88 ng	152420	Phenanthrene-d10	11.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
2		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	46
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4		1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	43
5		5,16[1',2']: ⁸ ,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

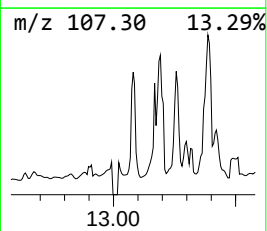
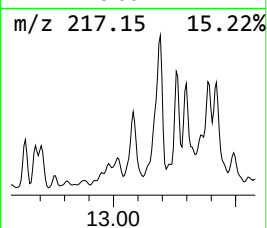
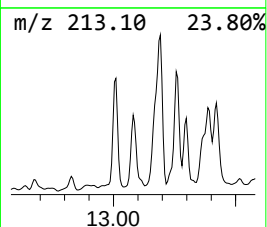
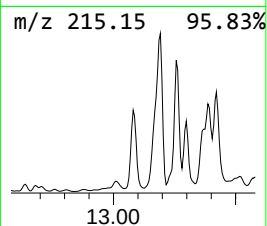
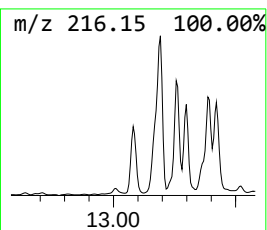
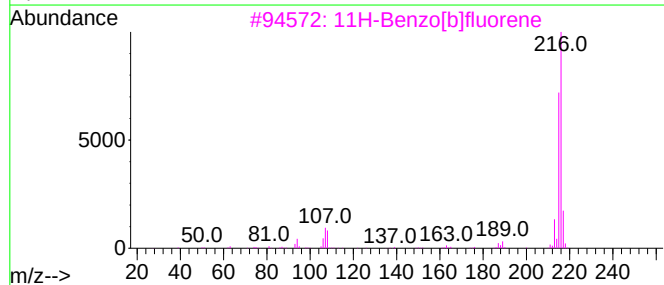
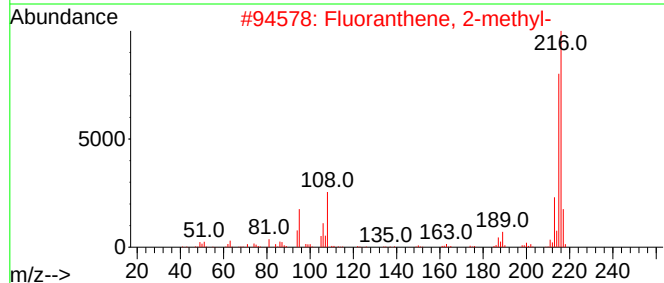
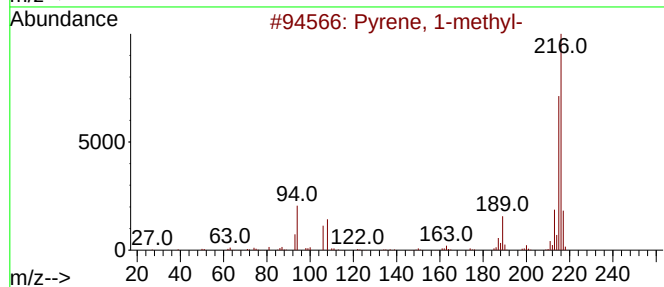
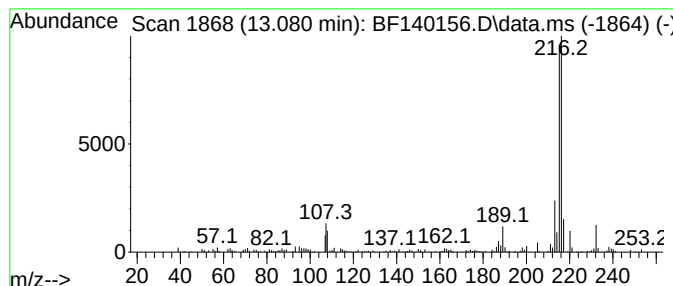
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.69 ng	137069	Chrysene-d12	14.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

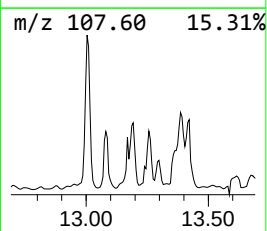
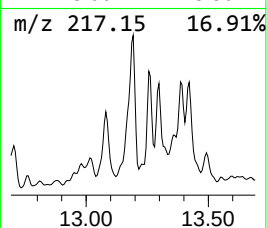
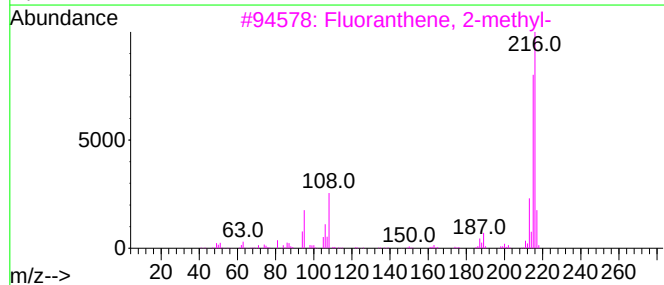
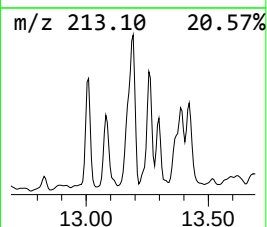
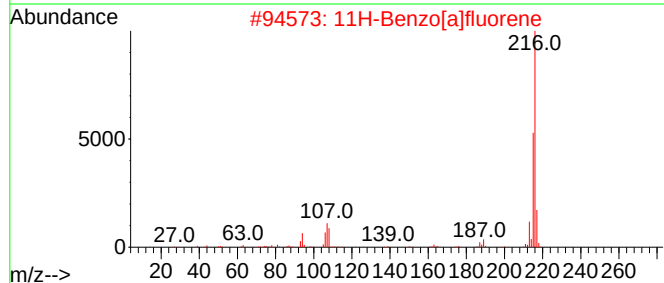
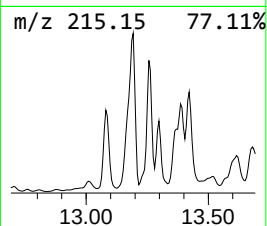
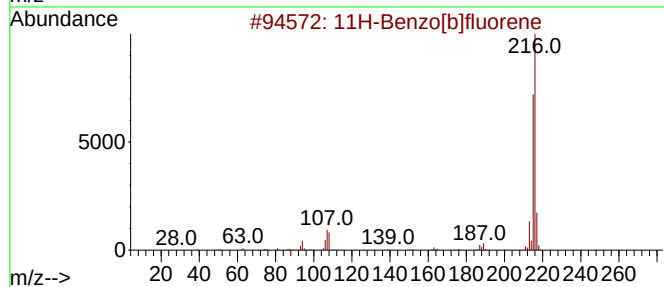
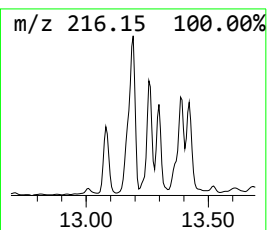
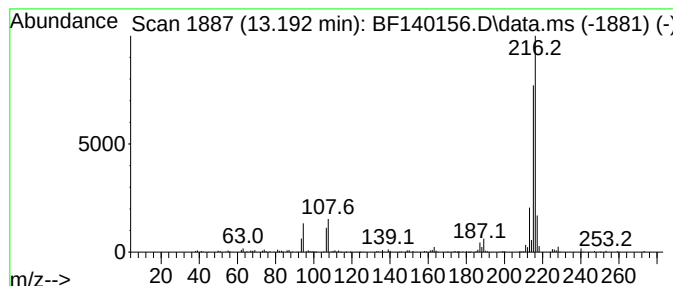
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	5.15 ng	262986	Chrysene-d12	14.069

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

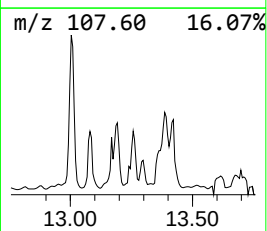
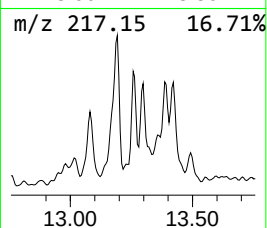
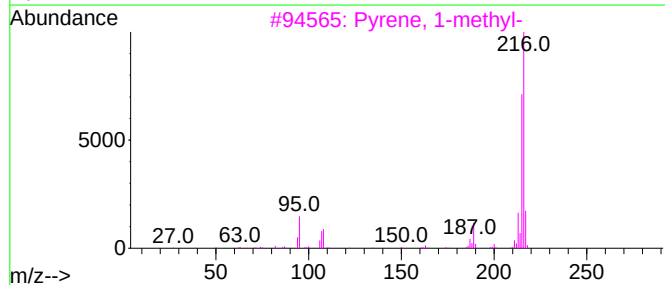
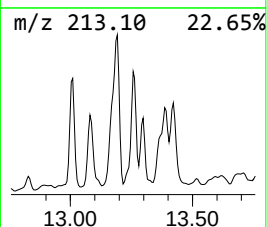
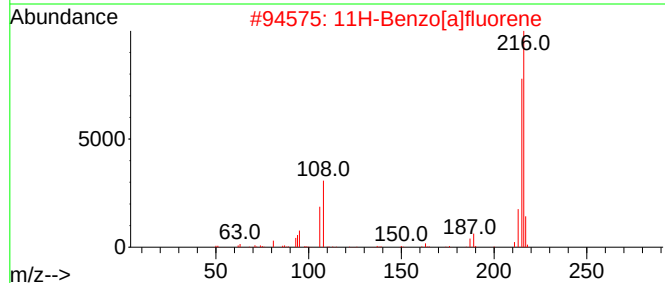
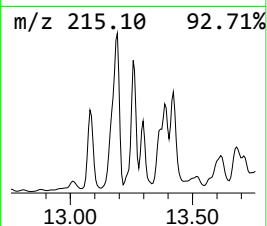
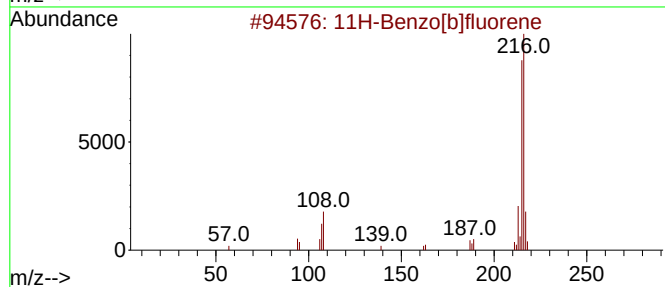
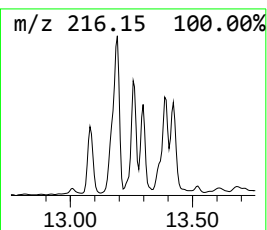
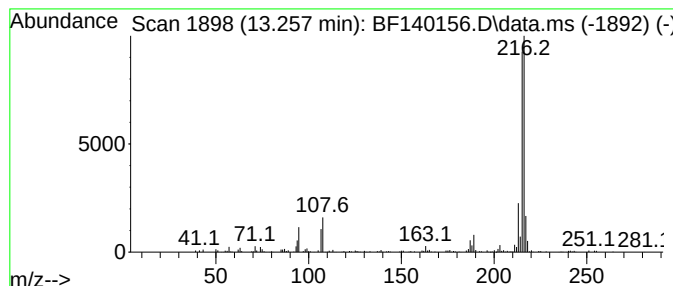
Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.257	3.59 ng	183318	Chrysene-d12	14.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

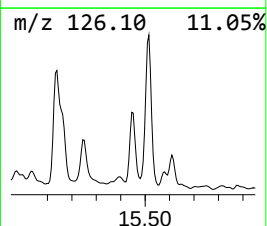
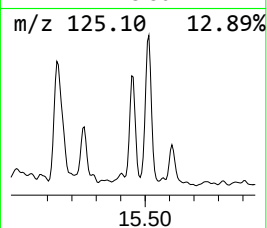
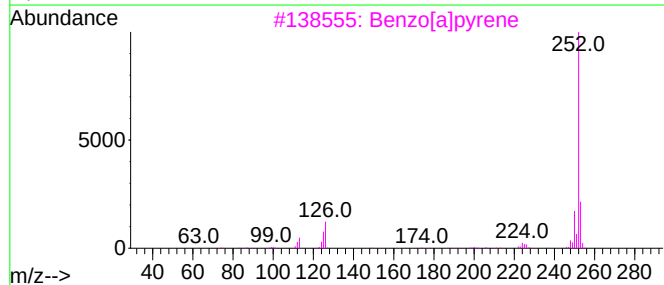
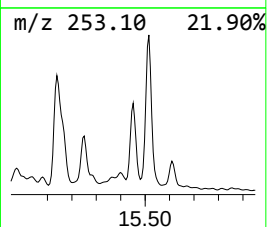
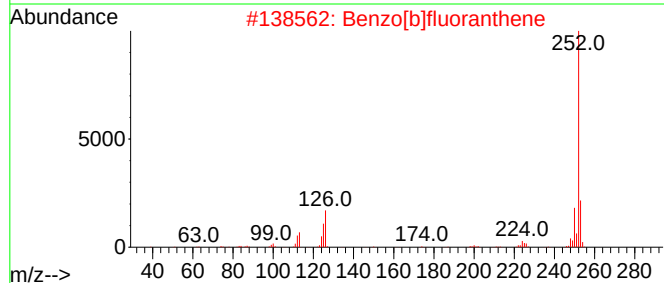
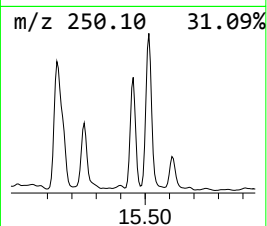
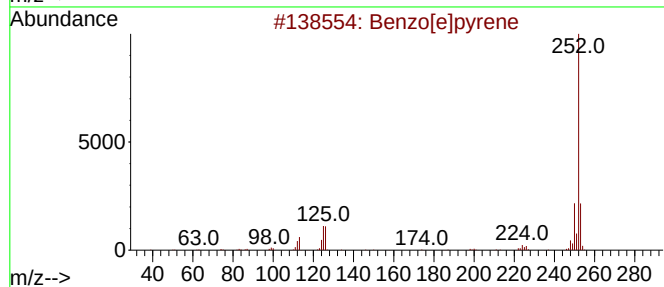
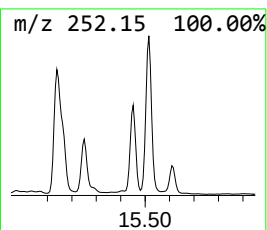
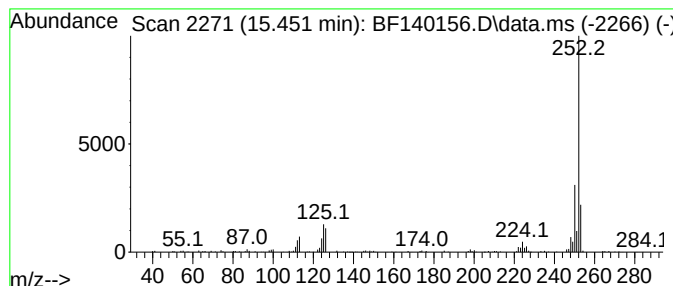
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	4.04 ng	128470	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

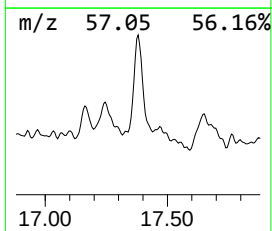
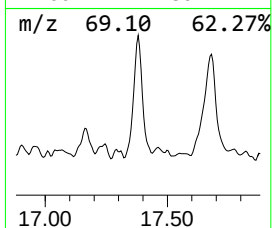
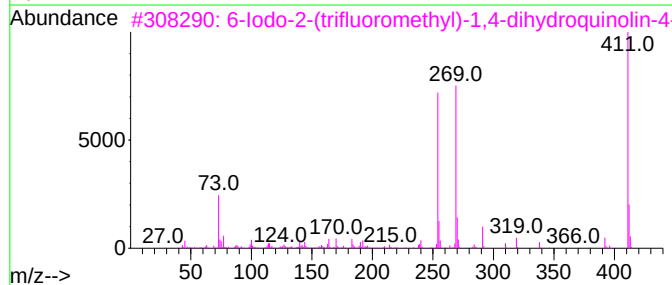
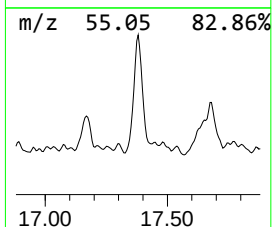
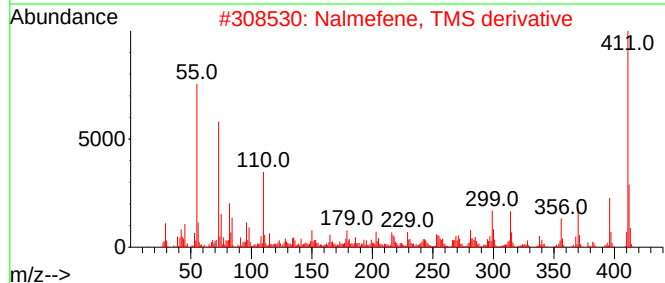
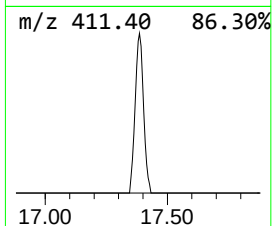
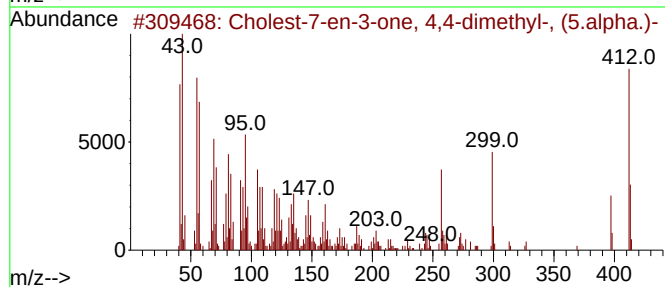
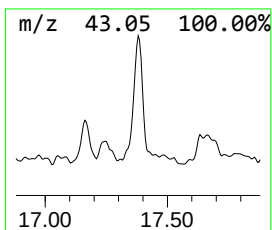
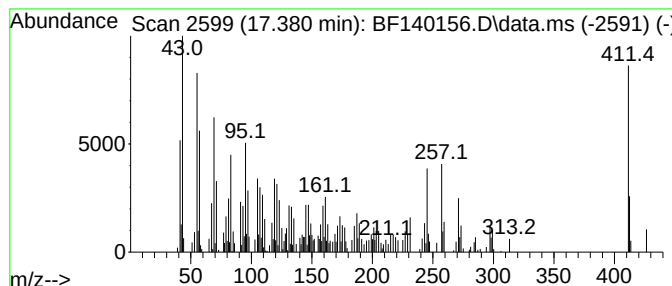
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.380 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.380	6.72 ng	213657	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cholest-7-en-3-one, 4,4-dimethyl...	412	C29H48O	002604-90-2	46
2			Nalmefene, TMS derivative	411	C24H33NO3Si	1000333-47-8	27
3			6-Iodo-2-(trifluoromethyl)-1,4-d...	411	C13H13F3INOSi	1000501-52-0	27
4			Tricosanoic acid, TBDMS derivative	468	C29H60O2Si	1000352-40-3	27
5			2-naphthalenecarboxamide, N-hexa...	411	C27H41NO2	1000402-75-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

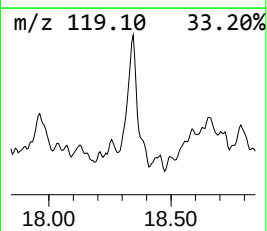
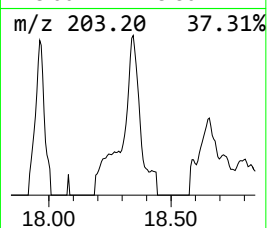
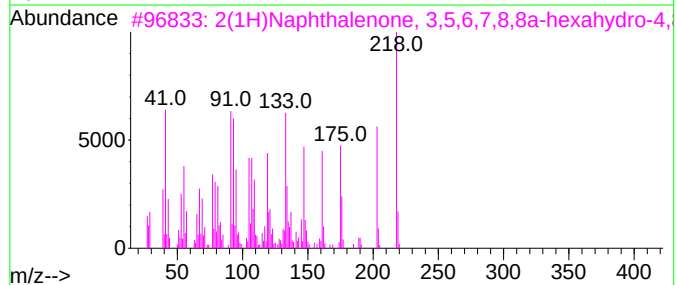
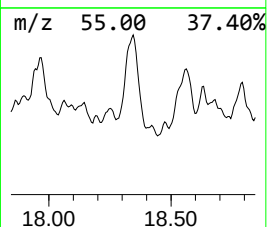
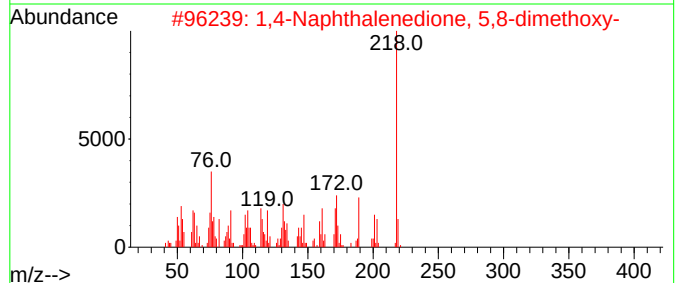
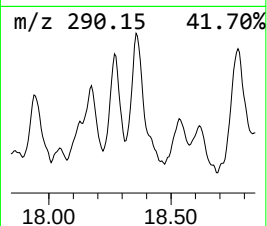
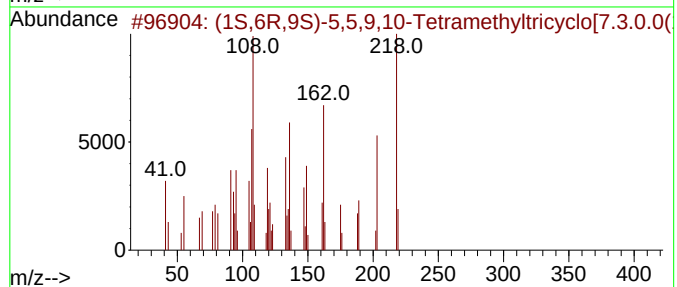
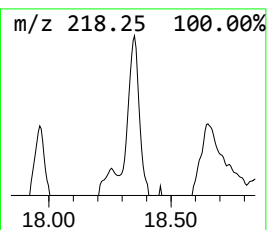
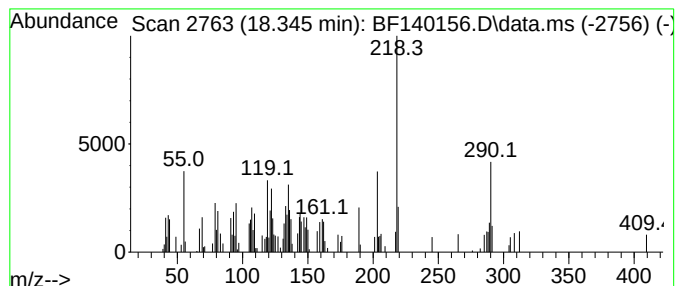
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.345 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	4.38 ng	139161	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	49		
2	1,4-Naphthalenedione, 5,8-dimeth...	218	C12H10O4	015013-16-8	46		
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	46		
4	Urs-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	000863-76-3	46		
5	Urs-12-en-23-oic acid, 3-(acetyl...	512	C33H52O4	1000505-76-4	45		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
Data File : BF140156.D
Acq On : 30 Oct 2024 14:41
Operator : RC/JU
Sample : P4578-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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
Butane, 2-metho...	2.181	52.1	ng	1813110	1	6.881	696360	20.0
o-Cymene	7.675	4.3	ng	258406	2	8.163	1211560	20.0
Benzene, 2-ethe...	7.898	3.9	ng	234344	2	8.163	1211560	20.0
Hexadecane	8.751	3.7	ng	224222	2	8.163	1211560	20.0
Silane, trichlo...	9.322	4.5	ng	233406	3	9.922	1030060	20.0
Naphthalene, 2,...	9.575	3.7	ng	191144	3	9.922	1030060	20.0
Sulfurous acid,...	9.851	2.9	ng	149389	3	9.922	1030060	20.0
Benzophenone	10.639	9.7	ng	498736	3	9.922	1030060	20.0
Anthracene, 2-m...	11.916	3.8	ng	199659	4	11.416	1059810	20.0
n-Hexadecanoic ...	11.945	8.7	ng	462993	4	11.416	1059810	20.0
Phenanthrene, 2...	11.992	3.1	ng	164391	4	11.416	1059810	20.0
5-Bromo-2-thiop...	12.033	10.9	ng	575319	4	11.416	1059810	20.0
Phenanthrene, 2...	12.469	3.2	ng	170078	4	11.416	1059810	20.0
unknown12.510	12.510	2.9	ng	152420	4	11.416	1059810	20.0
Pyrene, 1-methyl-	13.080	2.7	ng	137069	5	14.069	1020450	20.0
11H-Benzo[b]flu...	13.192	5.2	ng	262986	5	14.069	1020450	20.0
11H-Benzo[a]flu...	13.257	3.6	ng	183318	5	14.069	1020450	20.0
Benzo[e]pyrene	15.451	4.0	ng	128470	6	15.580	636013	20.0
unknown17.380	17.380	6.7	ng	213657	6	15.580	636013	20.0
unknown18.345	18.345	4.4	ng	139161	6	15.580	636013	20.0