

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139499.D
 Acq On : 20 Sep 2024 13:48
 Operator : RC/JU
 Sample : P4103-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

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-BF091324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139499.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	6	12	19	rVB	668586	1016072	37.01%	1.808%
2	2.310	19	37	43	rBV	57324	148096	5.39%	0.263%
3	3.604	242	257	263	rBV	85318	181837	6.62%	0.323%
4	3.740	269	280	286	rBV	101286	198837	7.24%	0.354%
5	3.922	303	311	320	rBV3	54796	146664	5.34%	0.261%
6	4.063	328	335	342	rVB	82312	149678	5.45%	0.266%
7	4.204	351	359	365	rBV	107802	180008	6.56%	0.320%
8	4.522	408	413	421	rVB3	47450	91854	3.35%	0.163%
9	5.016	489	497	506	rBV2	112306	231076	8.42%	0.411%
10	5.093	506	510	517	rVV	100235	148981	5.43%	0.265%
11	5.287	539	543	547	rBV2	73849	125048	4.56%	0.222%
12	5.369	552	557	560	rVV2	203996	386182	14.07%	0.687%
13	5.398	560	562	566	rVV	150039	162275	5.91%	0.289%
14	5.493	566	578	583	rVV2	1311848	2471032	90.01%	4.396%
15	5.787	625	628	634	rVB	96258	127147	4.63%	0.226%
16	5.898	640	647	651	rBV3	55076	114507	4.17%	0.204%
17	5.945	651	655	663	rVV2	87739	150917	5.50%	0.268%
18	6.045	663	672	675	rBV4	109918	274938	10.02%	0.489%
19	6.128	681	686	691	rBV2	185466	324724	11.83%	0.578%
20	6.340	718	722	725	rBV	229283	243236	8.86%	0.433%
21	6.369	725	727	730	rVB2	216715	229732	8.37%	0.409%
22	6.404	730	733	736	rBV2	270914	318970	11.62%	0.567%
23	6.434	736	738	741	rVB	207829	191320	6.97%	0.340%
24	6.475	741	745	747	rBV2	282868	444900	16.21%	0.791%
25	6.510	747	751	756	rVB	1228455	1690847	61.59%	3.008%
26	6.557	756	759	765	rVB2	152950	227018	8.27%	0.404%
27	6.616	765	769	773	rBV3	95678	190009	6.92%	0.338%
28	6.704	780	784	792	rVB	935786	1274346	46.42%	2.267%
29	6.816	796	803	804	rBV4	137742	205302	7.48%	0.365%
30	6.881	809	814	819	rVB2	589984	907967	33.07%	1.615%
31	6.934	819	823	827	rBV	303088	365732	13.32%	0.651%
32	6.992	829	833	835	rBV	109237	141627	5.16%	0.252%
33	7.022	835	838	841	rVB2	223276	245981	8.96%	0.438%
34	7.057	841	844	849	rVB	249551	288064	10.49%	0.512%
35	7.128	849	856	857	rBV	297000	469137	17.09%	0.835%
36	7.151	857	860	863	rVB	448712	495615	18.05%	0.882%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139499.D
 Acq On : 20 Sep 2024 13:48
 Operator : RC/JU
 Sample : P4103-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

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-BF091324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.198	863	868	875	rVB3	635192	1272748	46.36%	2.264%
38	7.269	875	880	884	rBV2	415040	642844	23.42%	1.144%
39	7.345	889	893	894	rBV	130692	158773	5.78%	0.282%
40	7.410	899	904	907	rBV	916962	1423060	51.84%	2.532%
41	7.439	907	909	913	rVB2	711752	842172	30.68%	1.498%
42	7.522	918	923	926	rBV4	383300	587367	21.40%	1.045%
43	7.581	926	933	937	rBV5	288064	605415	22.05%	1.077%
44	7.651	937	945	948	rBV3	577715	1204990	43.89%	2.144%
45	7.763	959	964	965	rBV2	354265	485760	17.69%	0.864%
46	7.804	968	971	973	rVV3	437866	645578	23.52%	1.148%
47	7.834	973	976	980	rVV3	606660	991429	36.11%	1.764%
48	7.875	980	983	984	rVV2	333638	373460	13.60%	0.664%
49	7.898	984	987	994	rVV3	776579	1431862	52.16%	2.547%
50	7.951	994	996	998	rVV	208054	244906	8.92%	0.436%
51	7.975	998	1000	1006	rVB4	249905	327644	11.93%	0.583%
52	8.028	1006	1009	1013	rBV3	278586	367400	13.38%	0.654%
53	8.110	1018	1023	1025	rBV3	303895	543910	19.81%	0.968%
54	8.145	1025	1029	1038	rVV5	811190	2745259	100.00%	4.884%
55	8.216	1038	1041	1044	rVV2	1003432	1370355	49.92%	2.438%
56	8.251	1044	1047	1054	rVB6	431777	774548	28.21%	1.378%
57	8.316	1054	1058	1061	rBV	228379	387015	14.10%	0.688%
58	8.363	1063	1066	1069	rVB2	169735	203153	7.40%	0.361%
59	8.451	1074	1081	1087	rBV7	707568	1455971	53.04%	2.590%
60	8.504	1087	1090	1093	rVB3	222579	228494	8.32%	0.406%
61	8.539	1093	1096	1099	rBV3	335423	378620	13.79%	0.674%
62	8.581	1099	1103	1108	rBV	1030032	1462760	53.28%	2.602%
63	8.663	1114	1117	1120	rBV2	257909	330193	12.03%	0.587%
64	8.751	1128	1132	1136	rBV2	525206	678875	24.73%	1.208%
65	8.845	1145	1148	1150	rVB2	298448	332704	12.12%	0.592%
66	8.875	1150	1153	1156	rVB	391245	428032	15.59%	0.761%
67	8.904	1156	1158	1161	rVB2	114243	110634	4.03%	0.197%
68	8.945	1161	1165	1166	rBV3	205121	285254	10.39%	0.507%
69	8.975	1166	1170	1174	rVB	539646	696341	25.37%	1.239%
70	9.033	1177	1180	1182	rBV2	261056	355043	12.93%	0.632%
71	9.151	1197	1200	1201	rBV3	191410	182482	6.65%	0.325%
72	9.181	1201	1205	1210	rVB	924172	1181067	43.02%	2.101%
73	9.233	1210	1214	1219	rVB	1356499	1674386	60.99%	2.979%
74	9.316	1223	1228	1232	rBV2	617902	989731	36.05%	1.761%
75	9.428	1245	1247	1251	rVB2	219720	263852	9.61%	0.469%
76	9.498	1256	1259	1264	rVB	440854	612213	22.30%	1.089%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139499.D
 Acq On : 20 Sep 2024 13:48
 Operator : RC/JU
 Sample : P4103-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-23

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-BF091324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.575	1268	1272	1274	rVV	587148	875817	31.90%	1.558%
78	9.633	1278	1282	1289	rVV3	1086714	1782833	64.94%	3.172%
79	9.692	1289	1292	1296	rVB2	197092	233871	8.52%	0.416%
80	9.780	1303	1307	1310	rBV4	268287	363080	13.23%	0.646%
81	9.828	1311	1315	1322	rVV3	302711	559035	20.36%	0.994%
82	9.910	1327	1329	1333	rVB	459535	569547	20.75%	1.013%
83	10.022	1344	1348	1352	rVB	205606	271694	9.90%	0.483%
84	10.163	1368	1372	1380	rVB3	315996	632452	23.04%	1.125%
85	10.233	1380	1384	1386	rBV3	206655	283400	10.32%	0.504%
86	10.322	1395	1399	1405	rBV5	215932	378064	13.77%	0.673%
87	10.563	1436	1440	1445	rVB	380349	569639	20.75%	1.013%
88	10.704	1460	1464	1468	rVB	617326	738085	26.89%	1.313%
89	10.827	1480	1485	1492	rVB	643855	923754	33.65%	1.643%
90	11.039	1518	1521	1532	rVB8	158905	351149	12.79%	0.625%
91	11.292	1560	1564	1570	rVB2	329028	482376	17.57%	0.858%
92	11.398	1578	1582	1590	rBV2	399277	598268	21.79%	1.064%
93	11.639	1620	1623	1633	rVB5	120133	241236	8.79%	0.429%
94	12.374	1746	1748	1756	rVB2	75497	145610	5.30%	0.259%
95	12.451	1758	1761	1764	rBV	80931	96929	3.53%	0.172%
96	12.839	1824	1827	1834	rBV2	66042	148324	5.40%	0.264%
97	12.980	1847	1851	1860	rVB	984028	1340301	48.82%	2.384%
98	14.033	2026	2030	2038	rVB	299661	413886	15.08%	0.736%
99	15.510	2276	2281	2291	rVB	173363	282177	10.28%	0.502%
100	16.657	2472	2476	2486	rVB	42005	95498	3.48%	0.170%

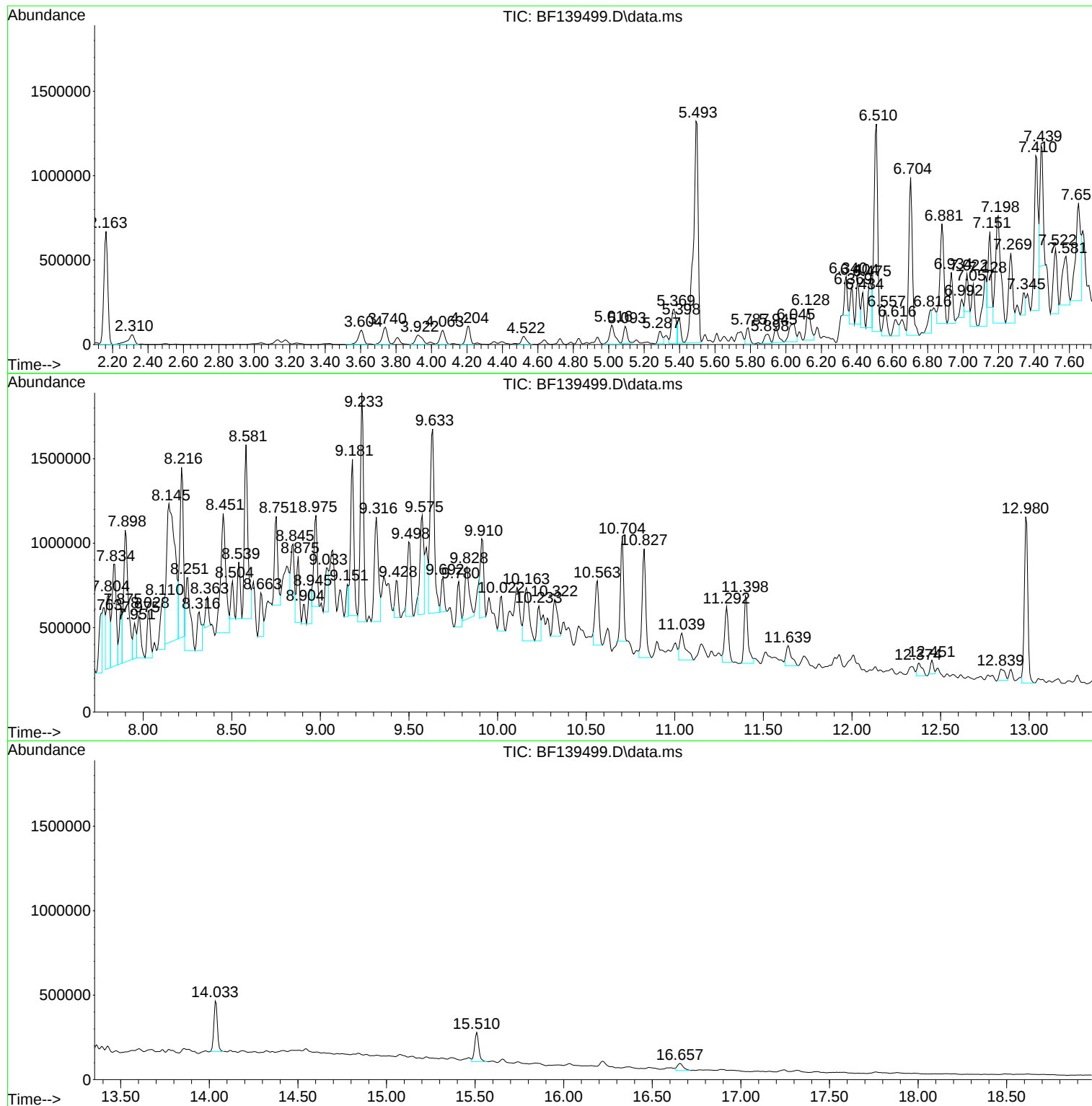
Sum of corrected areas: 56213001

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

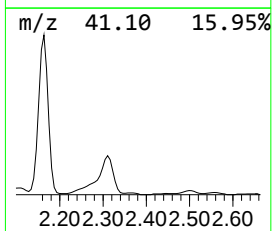
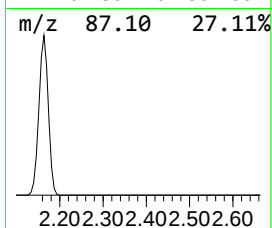
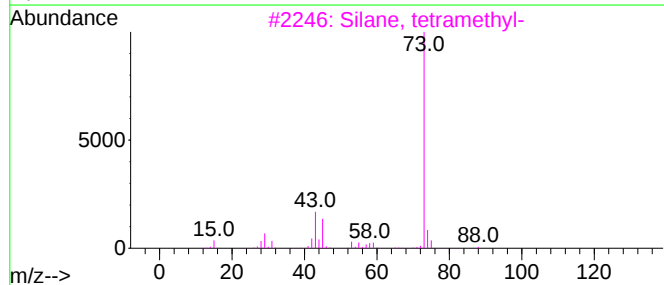
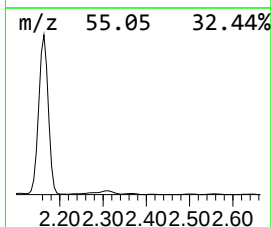
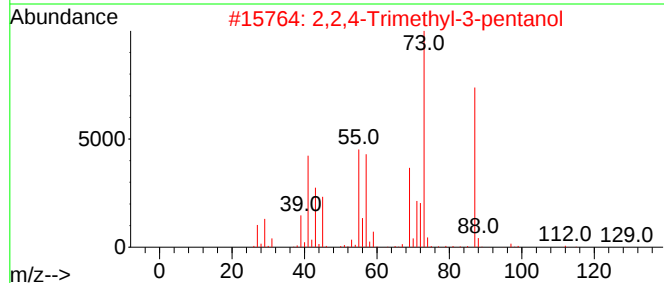
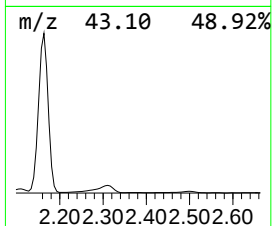
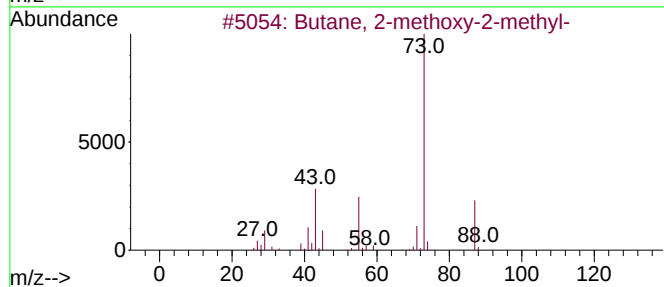
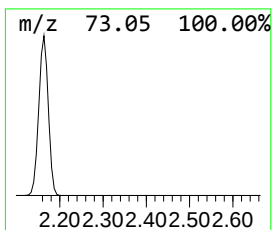
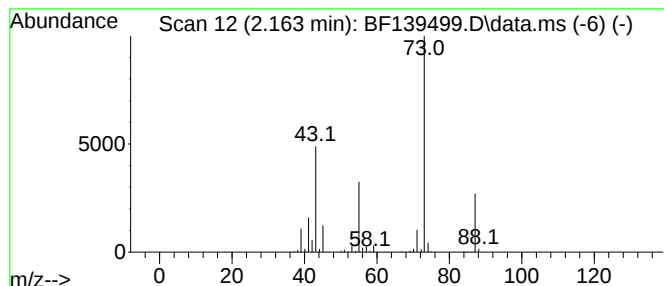
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	22.38 ng	1016070	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	39
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

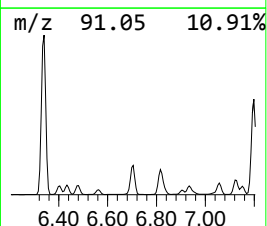
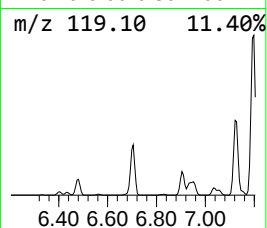
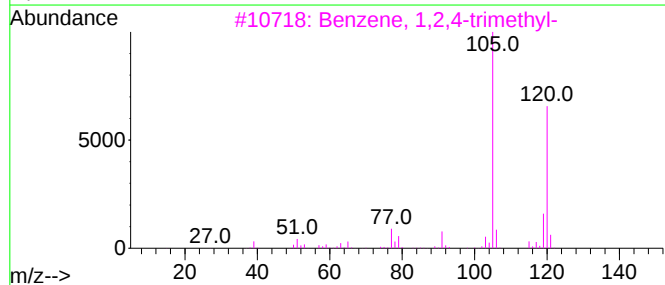
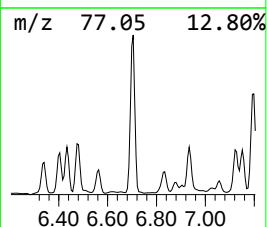
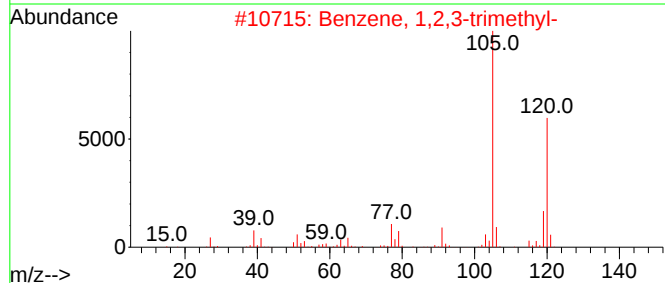
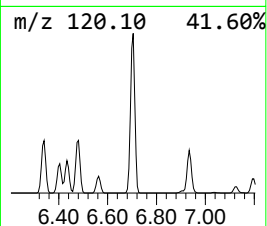
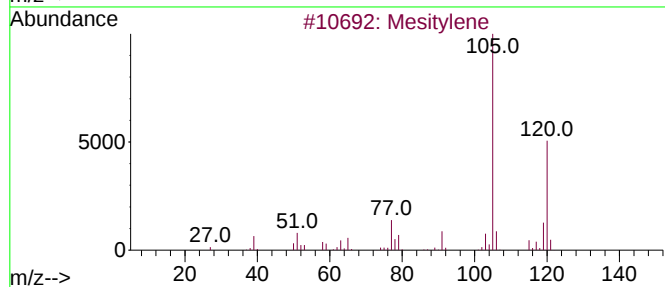
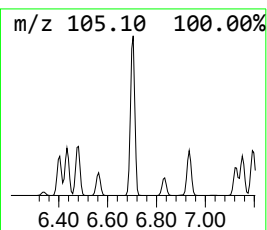
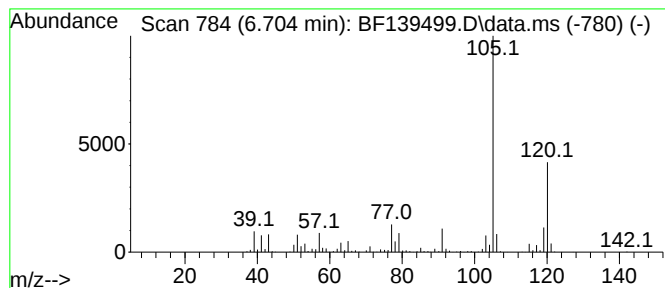
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	28.07 ng	1274350	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

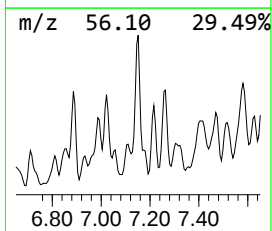
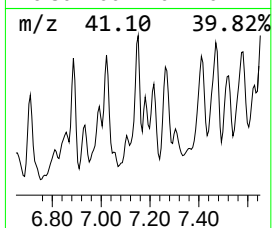
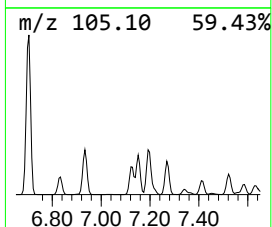
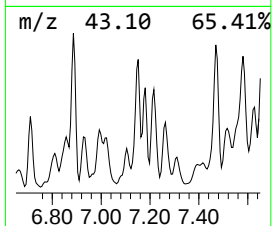
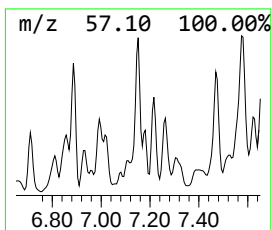
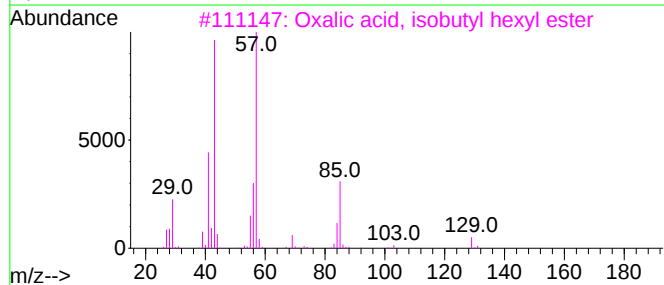
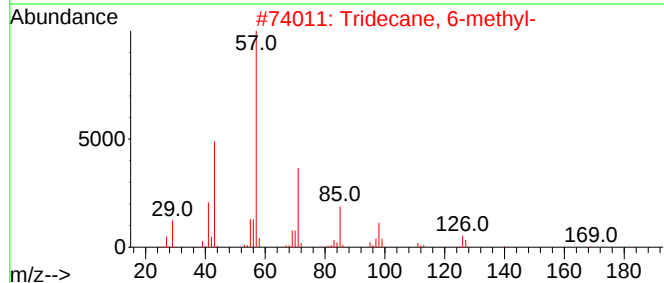
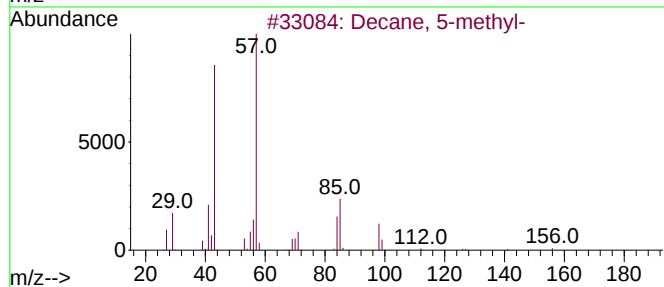
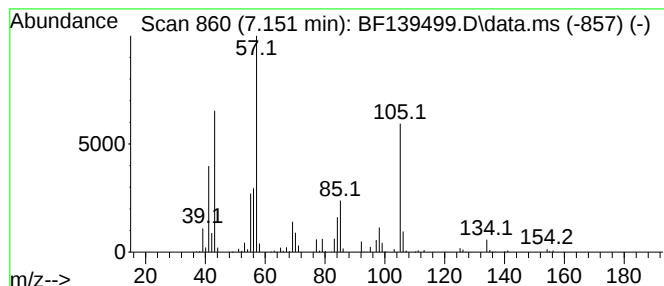
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.151	10.92 ng	495615	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	52
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
3			Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	47
4			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	43
5			Carbonic acid, isobutyl isohexyl...	202	C11H22O3	1000314-60-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

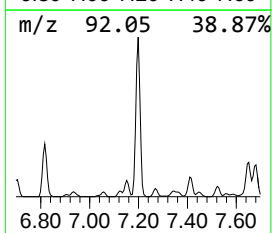
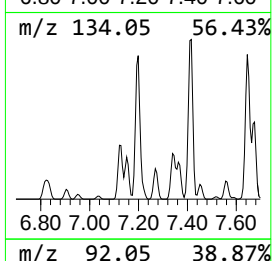
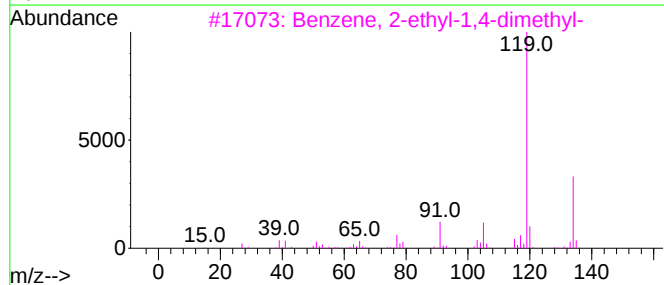
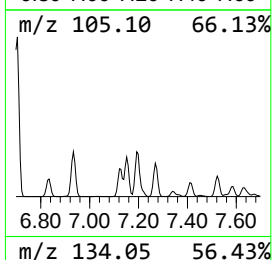
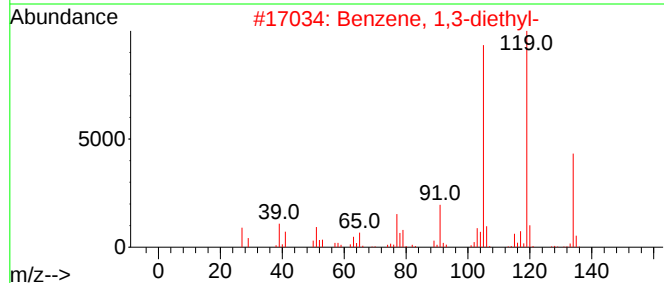
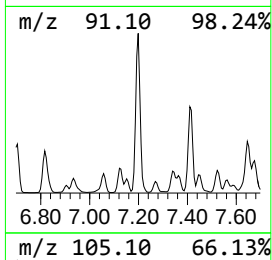
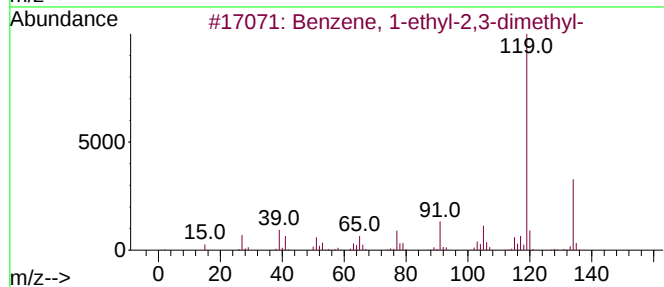
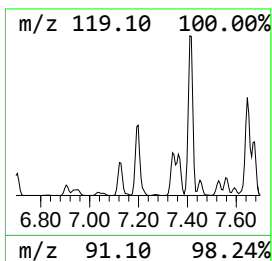
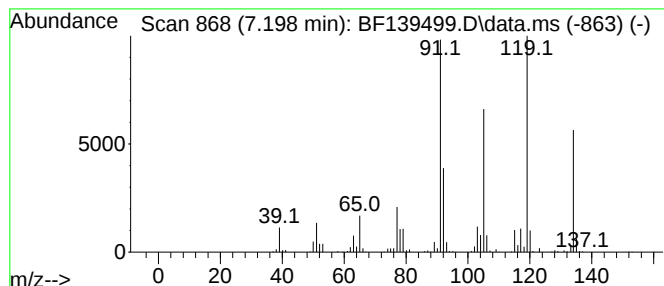
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.198	28.04 ng	1272750	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	89
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

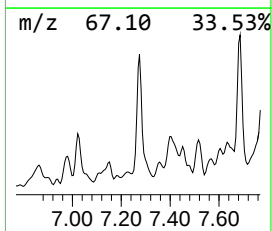
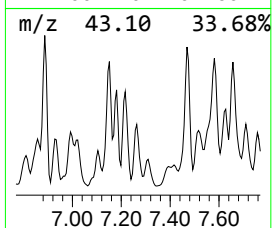
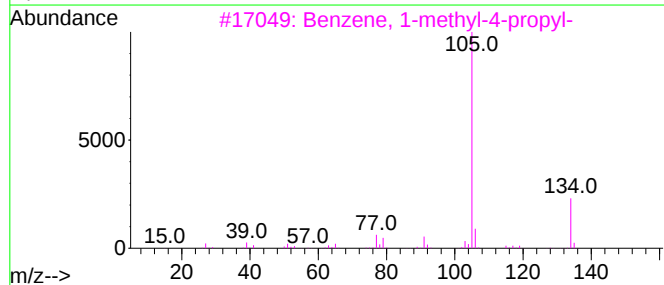
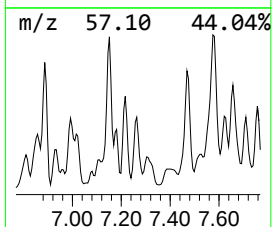
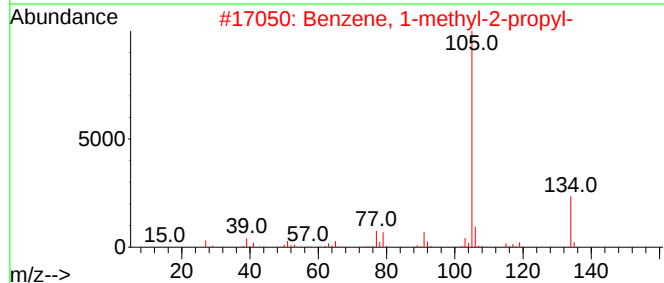
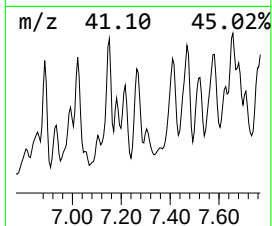
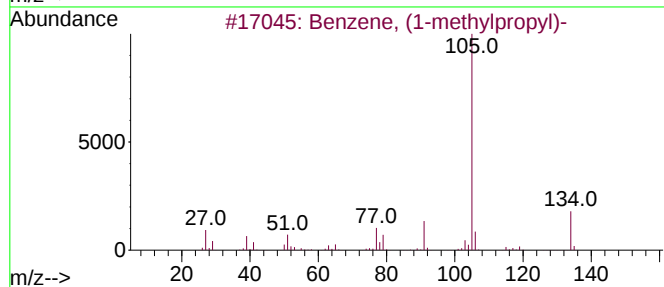
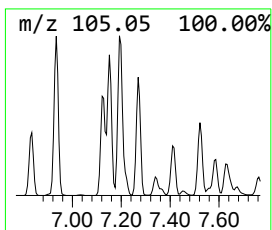
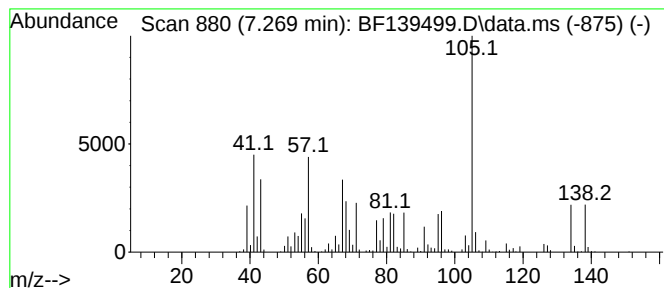
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.269 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	14.16 ng	642844	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	20
5			Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

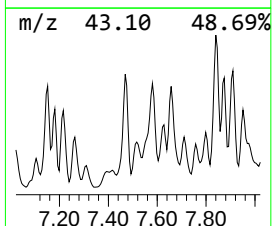
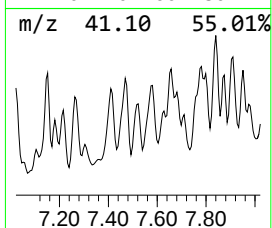
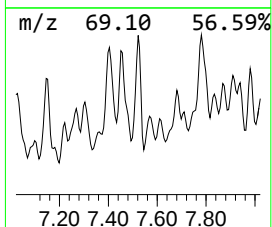
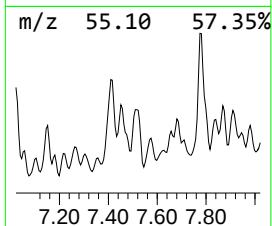
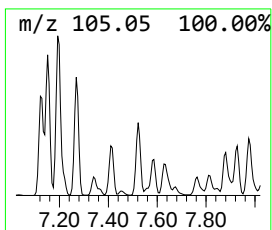
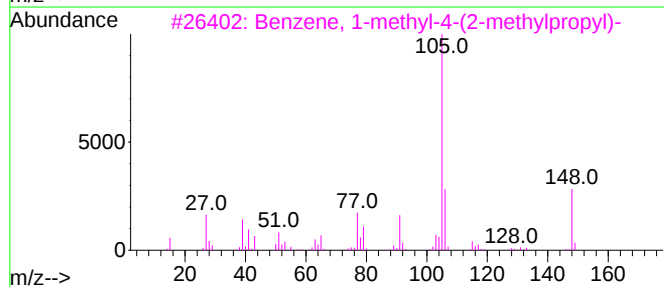
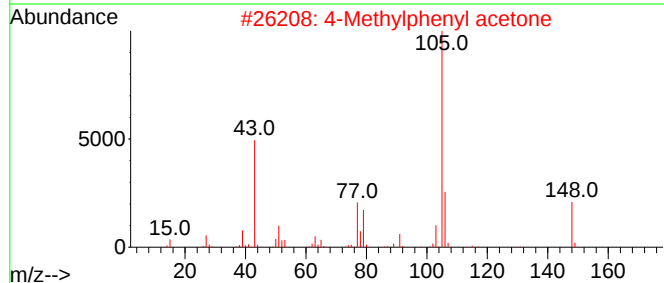
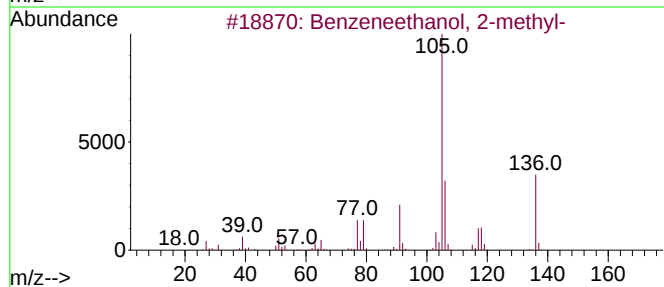
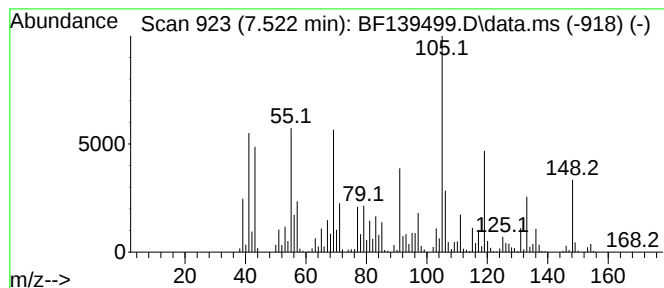
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.522 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.522	12.94 ng	587367	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanol, 2-methyl-	136	C9H12O	019819-98-8	42
2			4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3			Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
4			Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	38
5			6,6-DIMETHYL-2-VINYLBICYCLO[3.1...	148	C11H16	000473-00-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

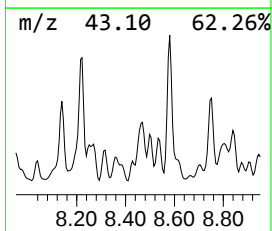
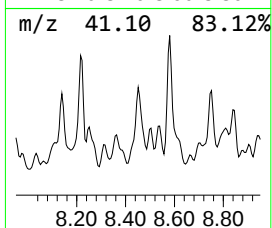
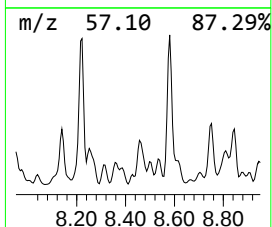
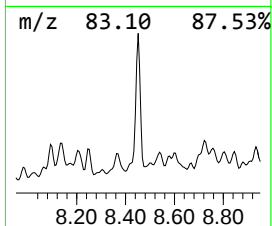
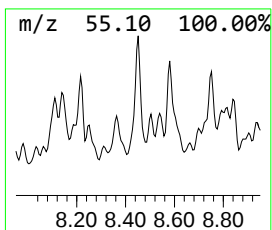
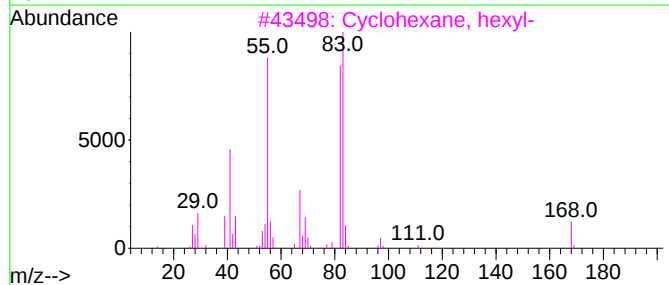
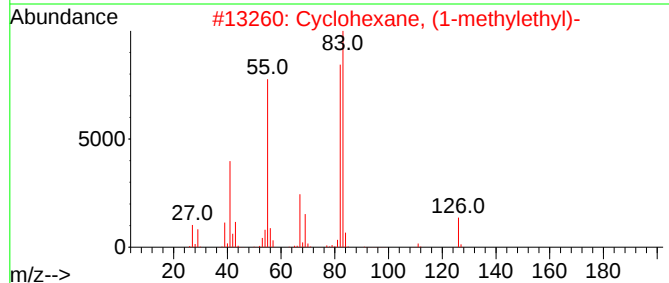
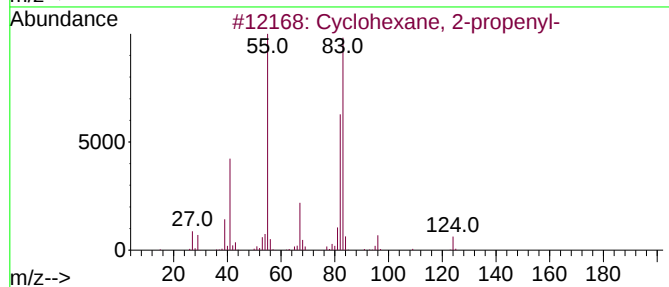
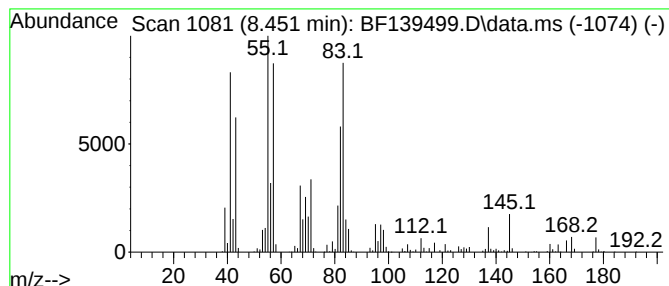
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.451 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	10.61 ng	1455970	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
4			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
5			1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

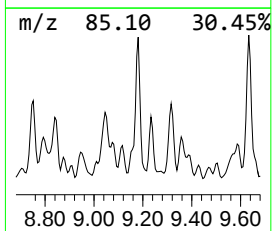
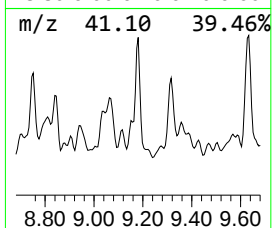
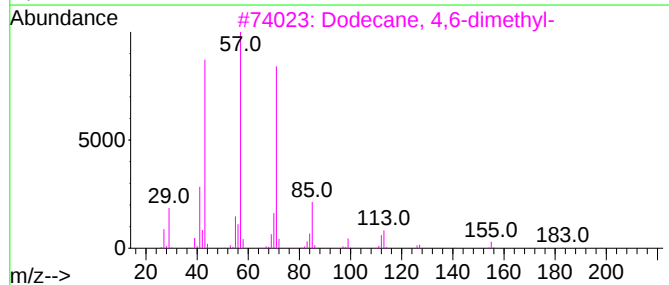
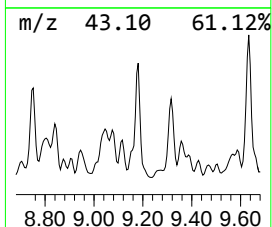
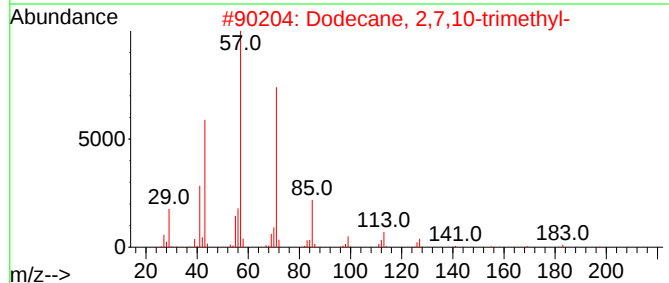
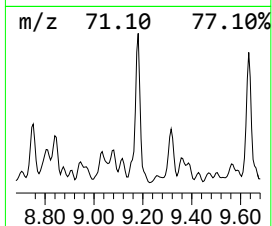
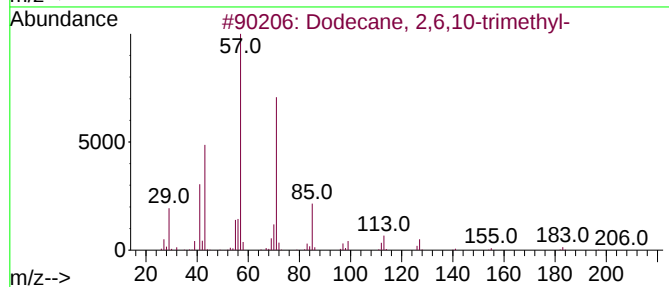
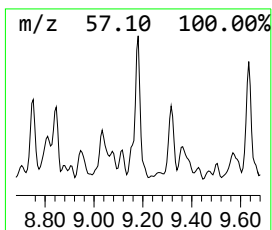
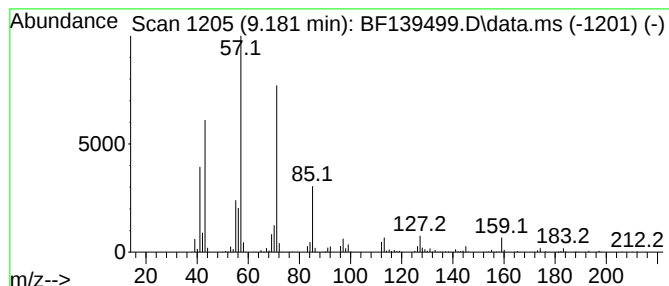
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	41.47 ng	1181070	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
4			Decane, 5-propyl-	184	C13H28	017312-62-8	74
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

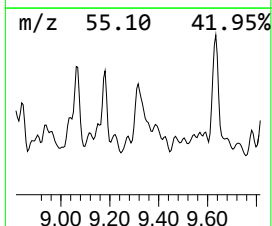
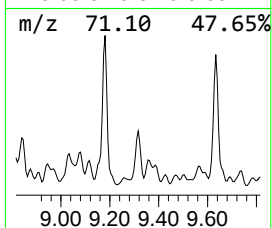
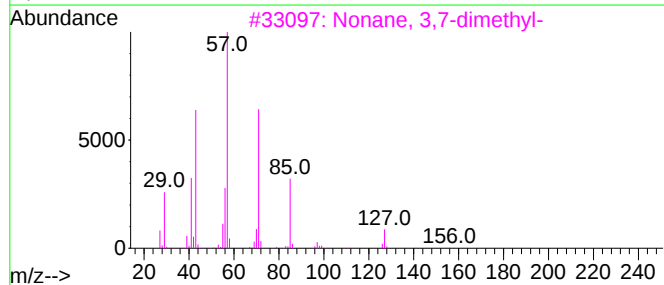
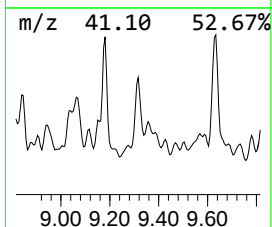
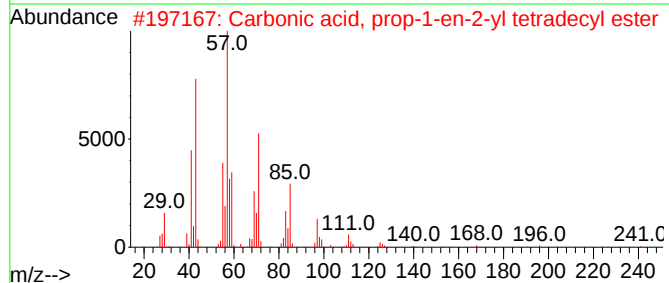
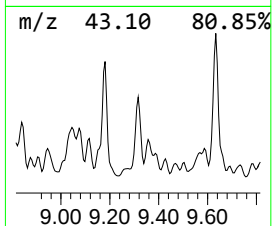
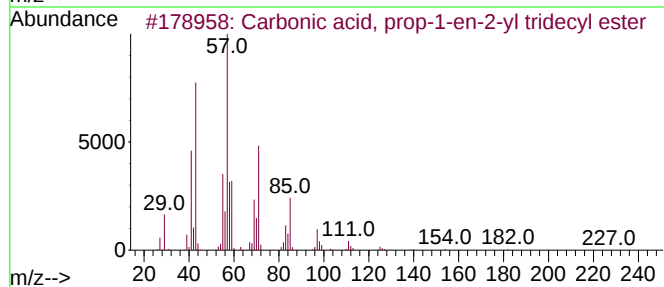
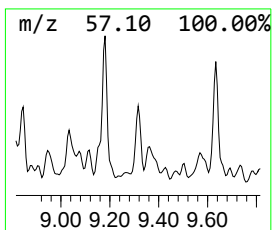
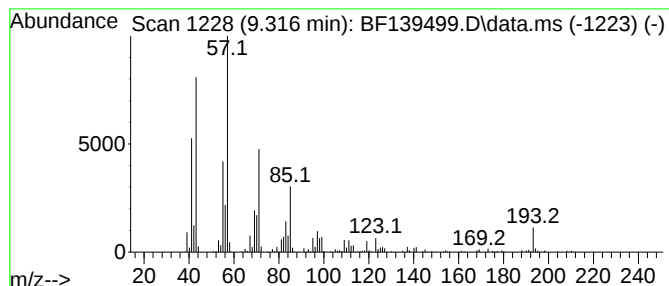
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Carbonic acid, prop-1-en-2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.316	34.76 ng	989731	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	81
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	68
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
4			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

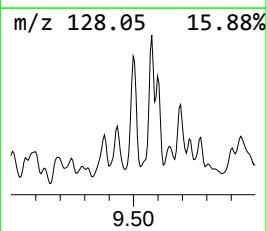
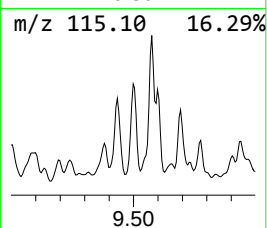
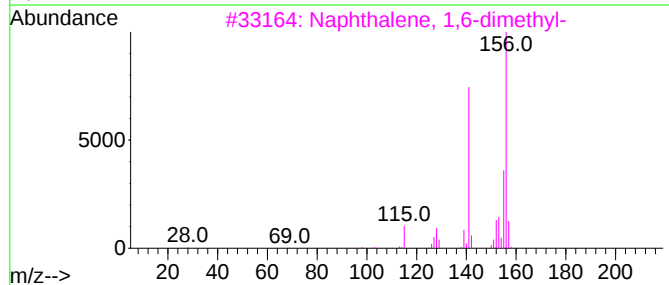
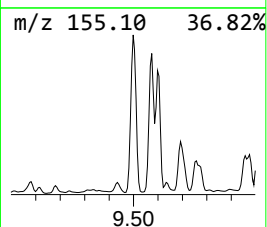
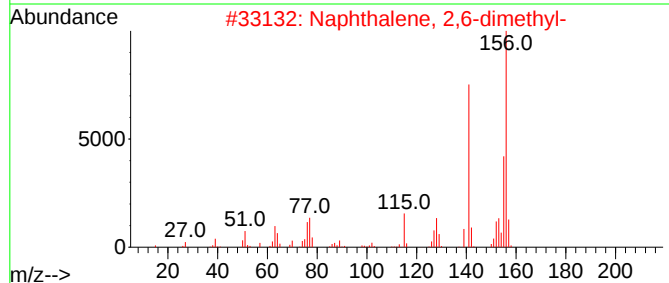
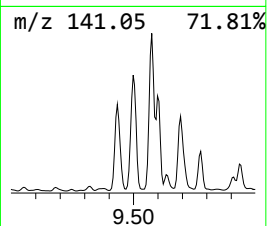
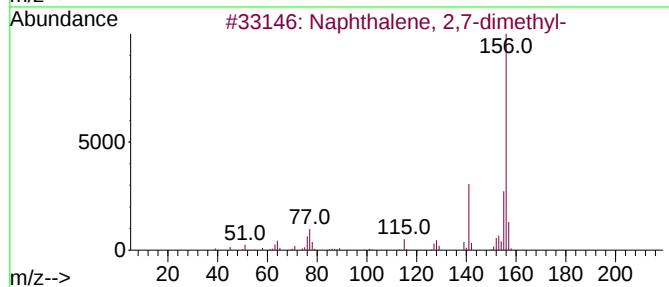
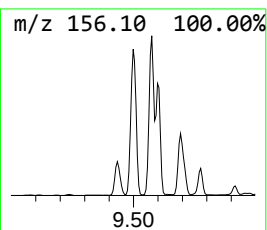
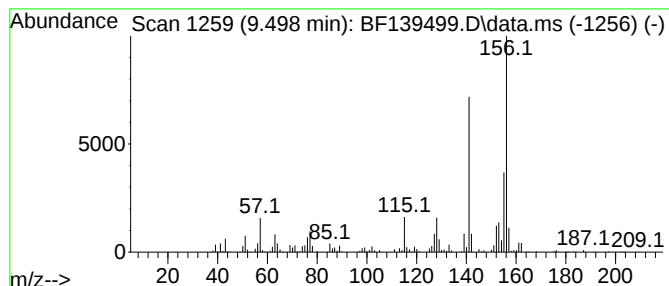
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	21.50 ng	612213	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

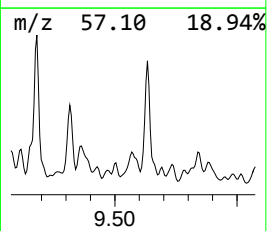
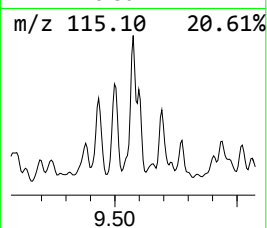
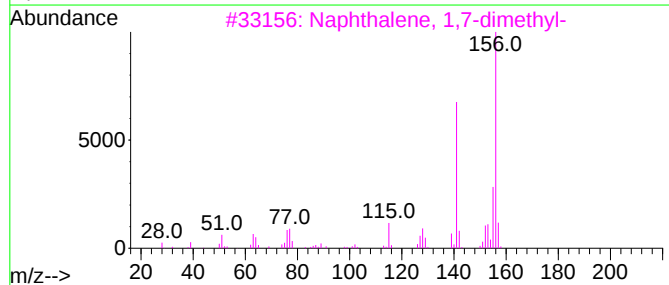
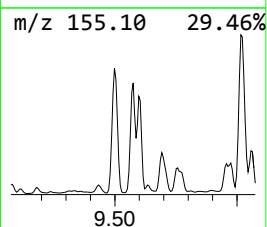
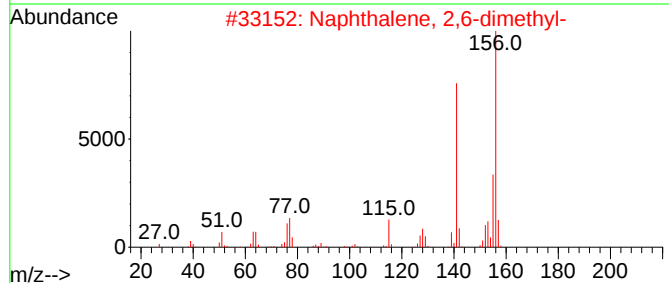
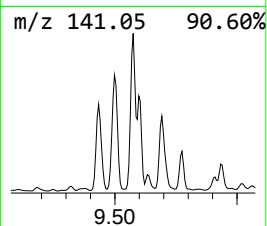
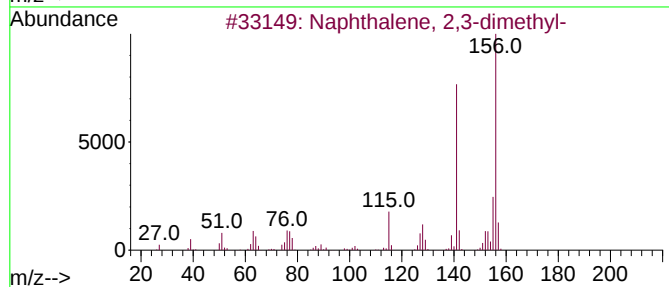
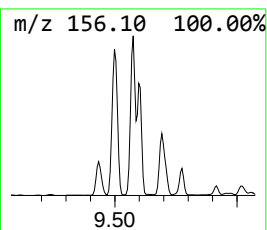
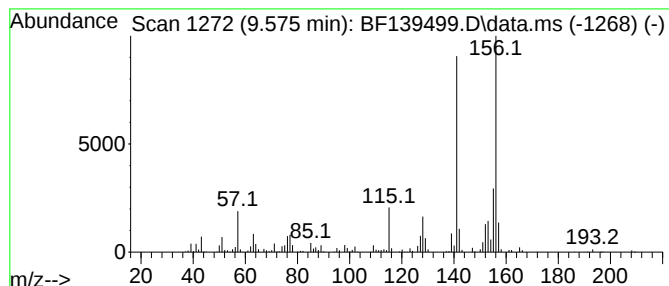
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	30.75 ng	875817	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

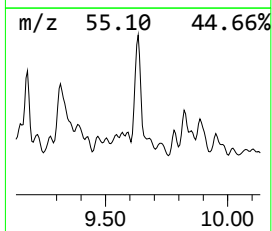
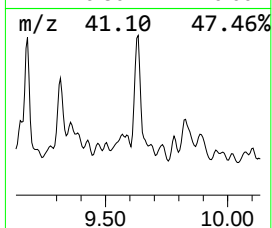
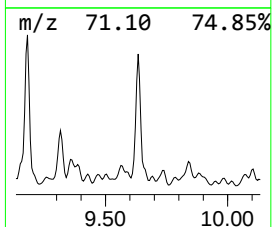
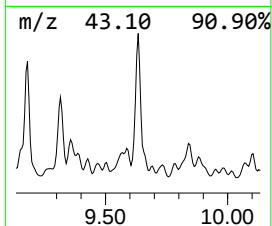
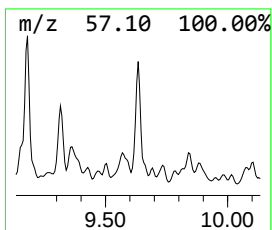
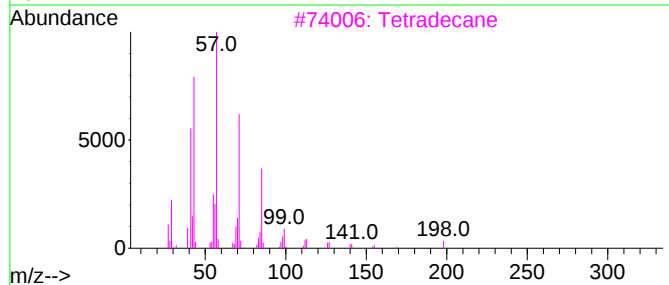
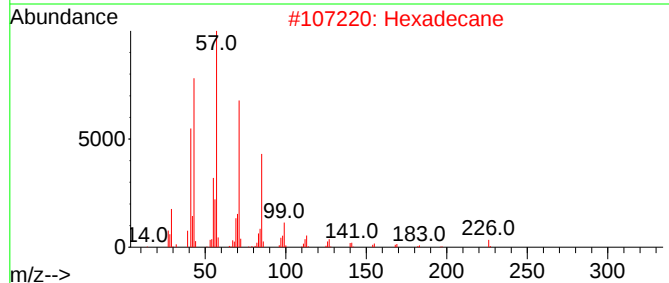
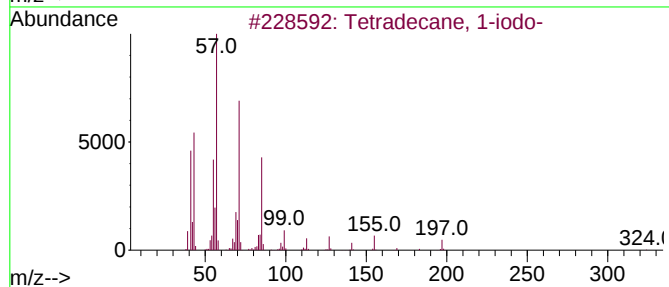
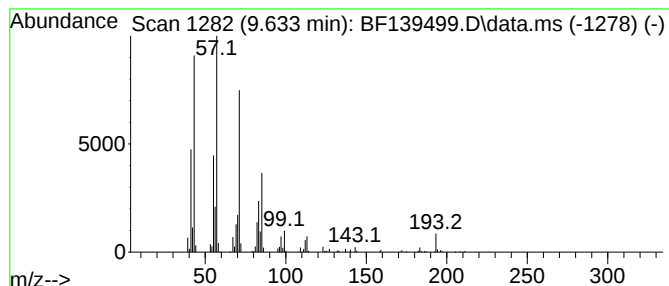
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	62.61 ng	1782830	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
2		Hexadecane	226	C16H34	000544-76-3	83
3		Tetradecane	198	C14H30	000629-59-4	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

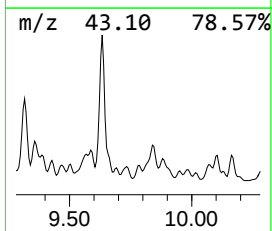
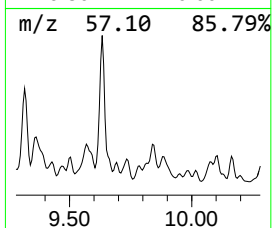
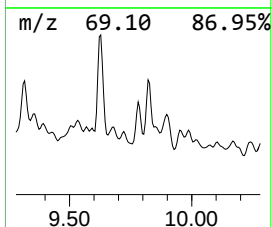
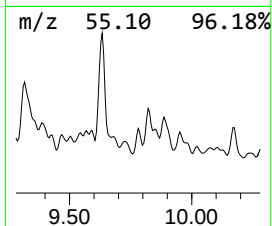
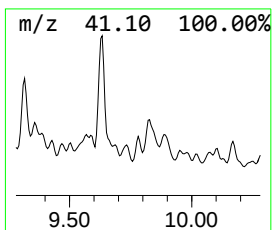
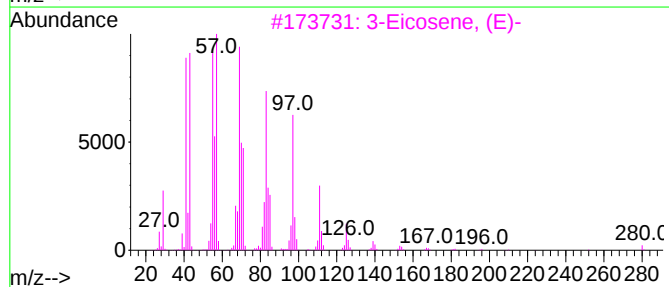
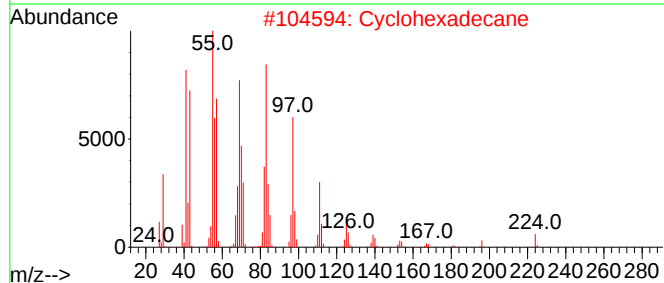
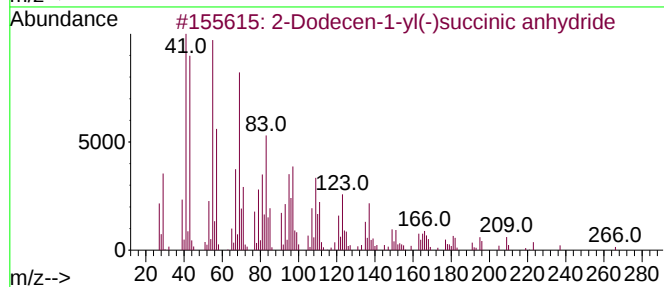
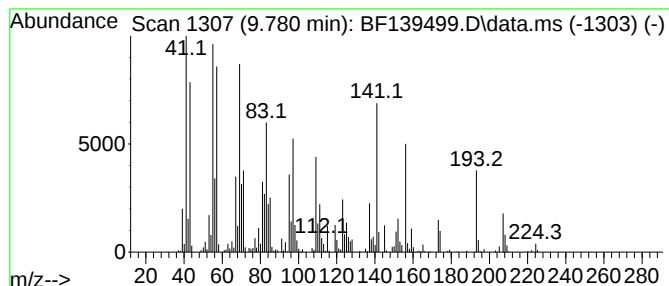
Instrument :
BNA_F
ClientSampleId :
WC-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Dodecen-1-yl(-)succinic a... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.780	12.75 ng	363080	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	62
2	Cyclohexadecane	224	C16H32	000295-65-8	43
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	42
4	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	41
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1010282-97-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

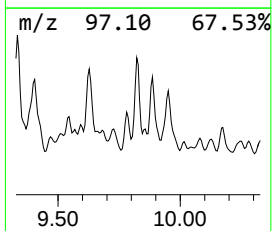
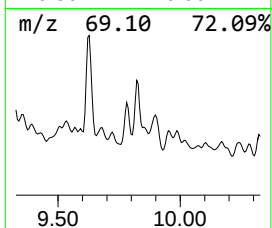
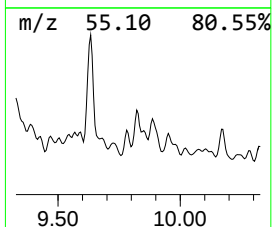
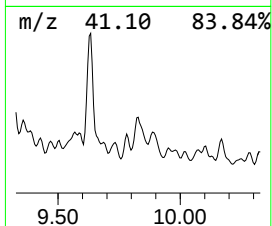
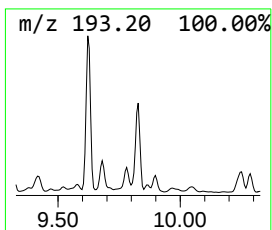
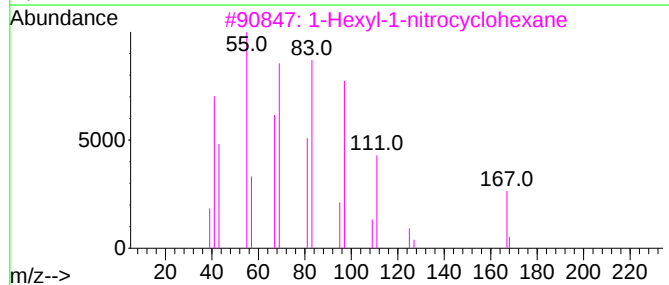
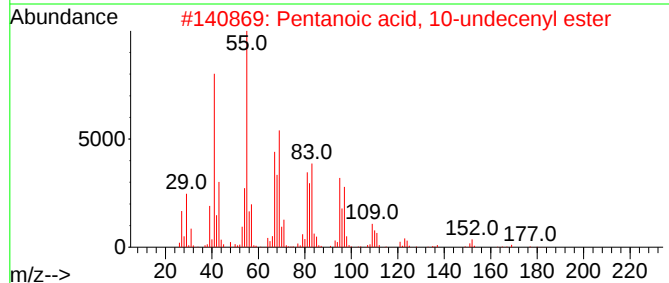
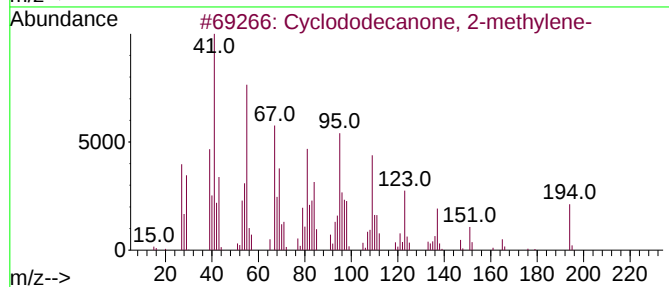
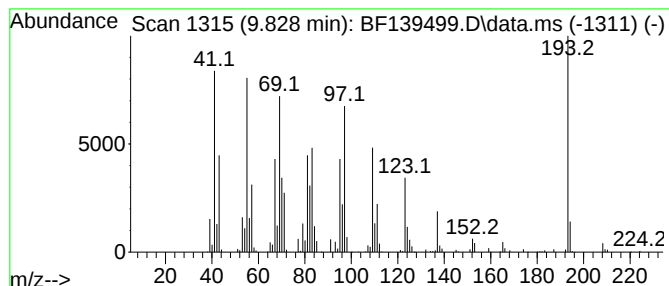
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.828 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	19.63 ng	559035	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	46
2			Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	38
3			1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	35
4			1-Cyclohexylnonene	208	C15H28	114614-84-5	22
5			Cyclohexanecarboxylic acid, 1-cy...	224	C14H24O2	1010279-52-6	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

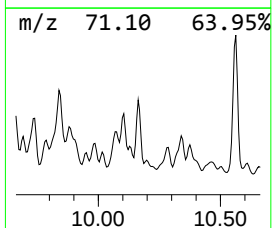
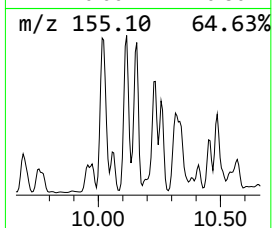
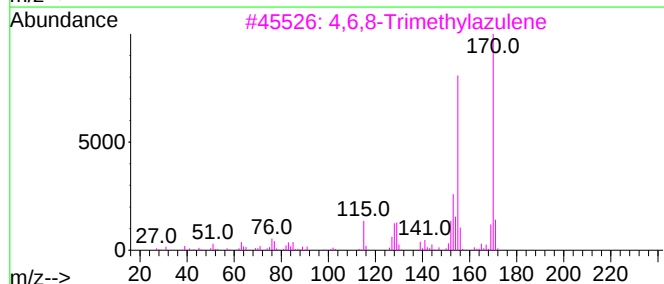
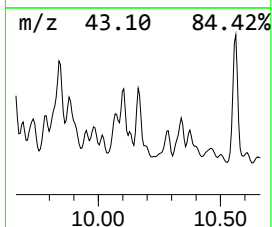
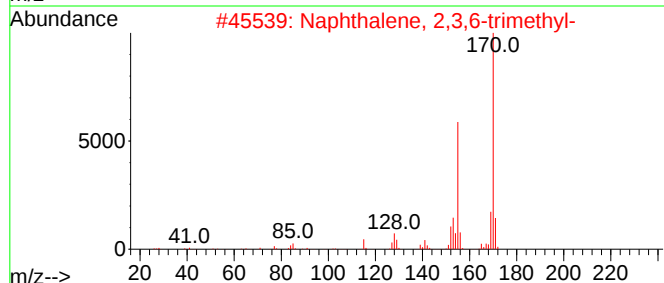
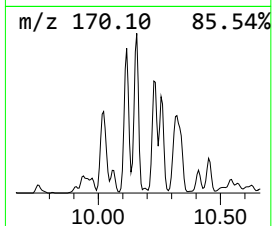
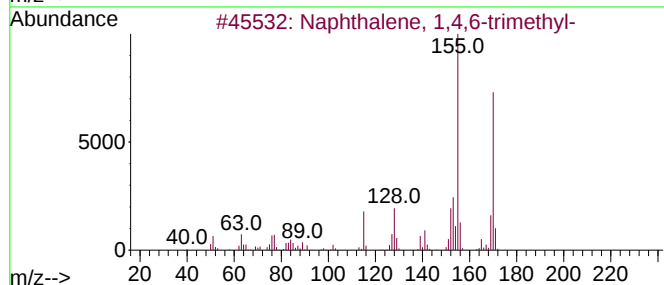
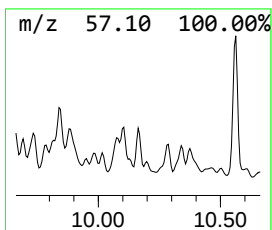
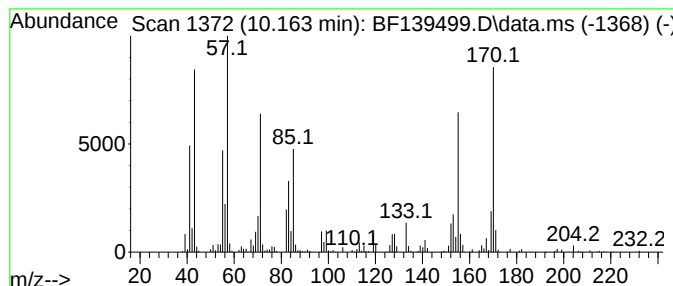
Instrument :
BNA_F
ClientSampleId :
WC-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.163	22.21 ng	632452	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

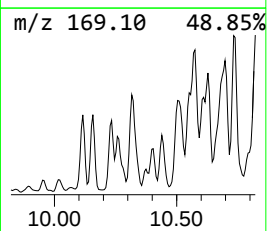
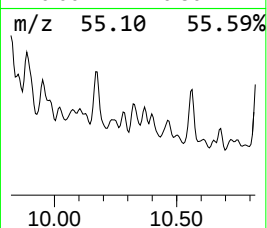
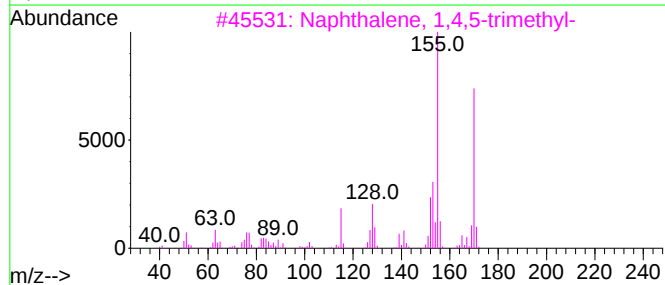
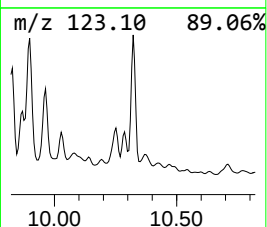
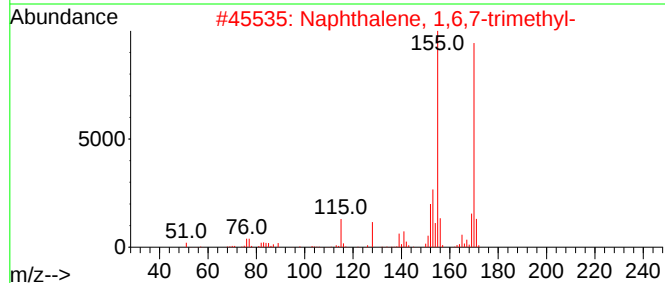
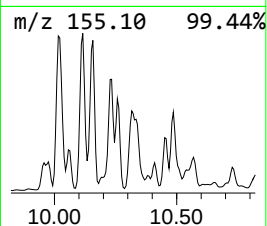
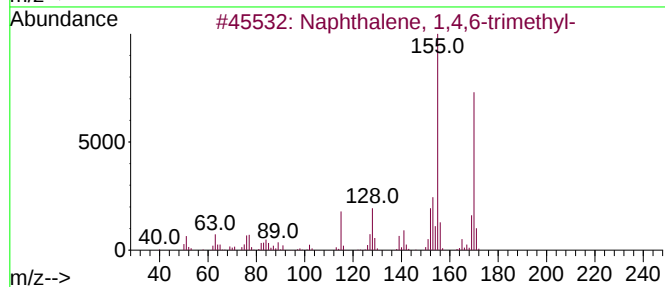
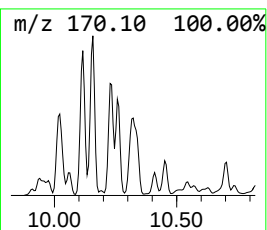
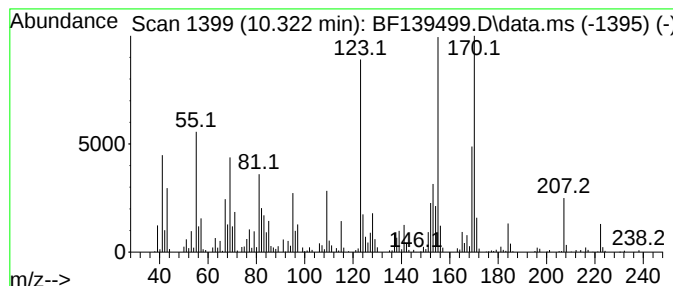
Instrument :
BNA_F
ClientSampleId :
WC-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.322	13.28 ng	378064	Acenaphthene-d10			9.916
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	90
2	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	90
3	Naphthalene, 1,4,5-trimethyl-		170	C13H14	002131-41-1	87
4	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	78
5	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

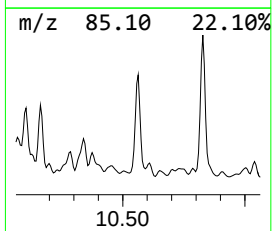
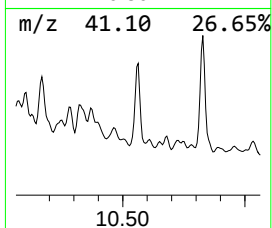
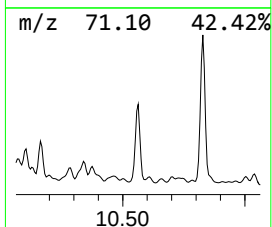
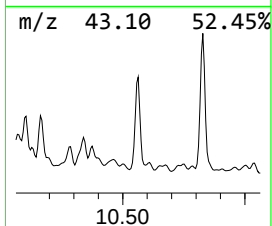
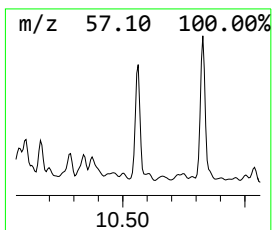
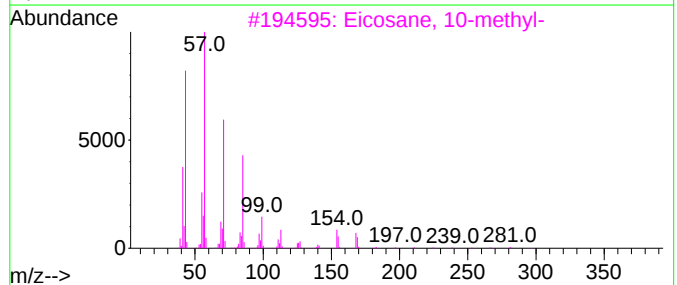
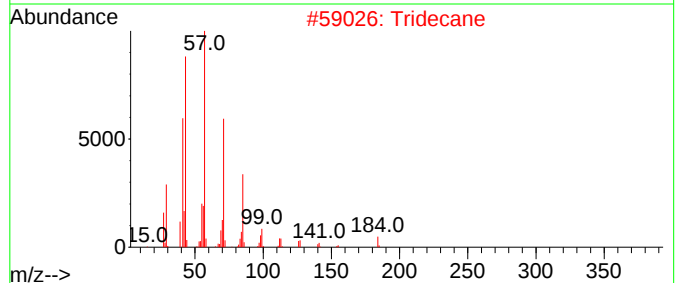
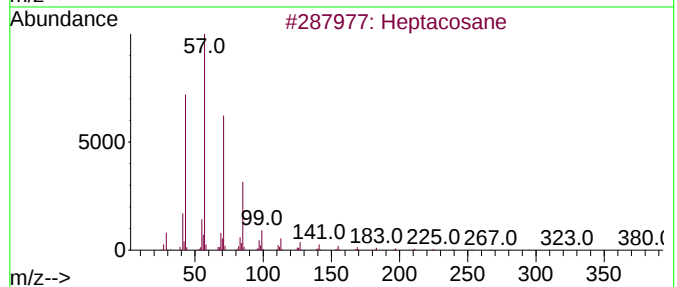
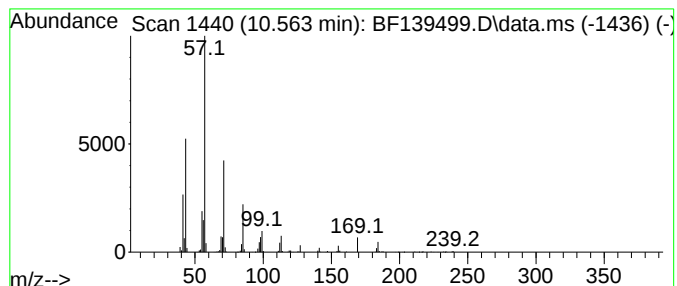
Instrument :
BNA_F
ClientSampleId :
WC-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.563	20.00 ng	569639	Acenaphthene-d10		9.916	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	80
2	Tridecane		184	C13H28	000629-50-5	72
3	Eicosane, 10-methyl-		296	C21H44	054833-23-7	72
4	Heneicosane		296	C21H44	000629-94-7	72
5	Octacosane		394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

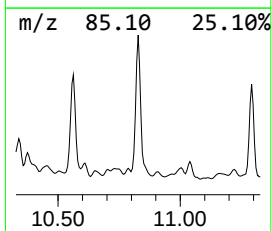
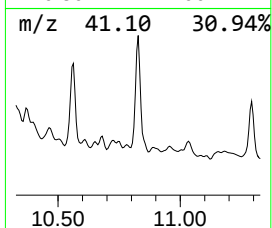
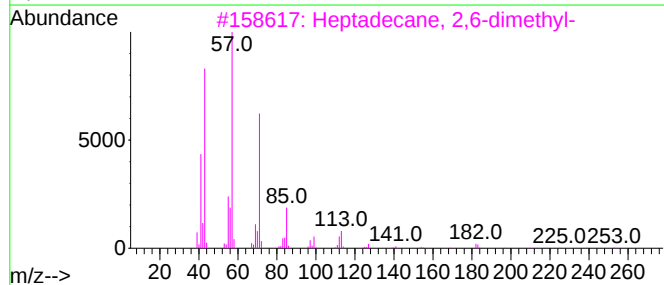
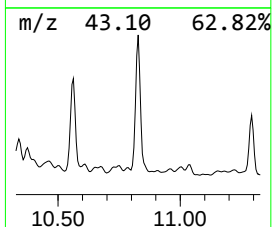
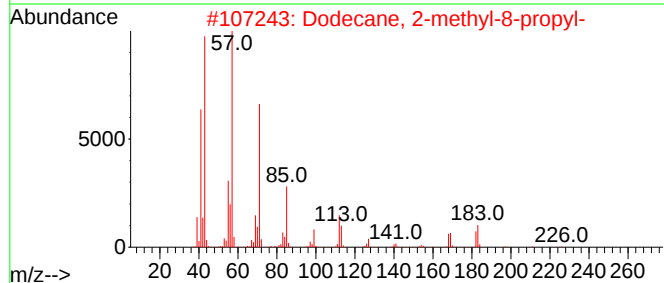
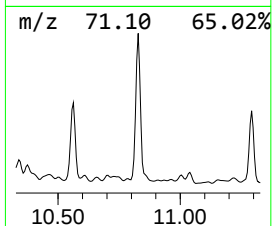
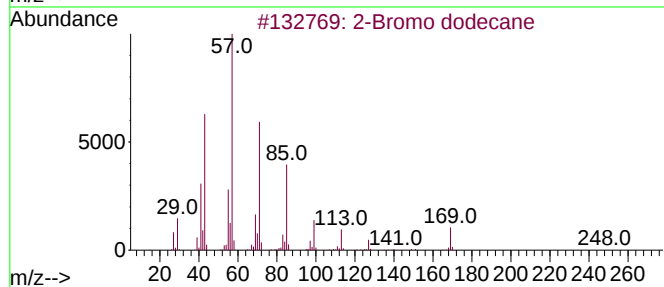
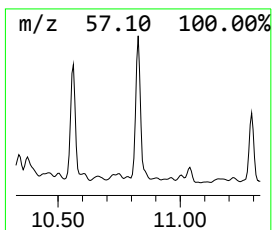
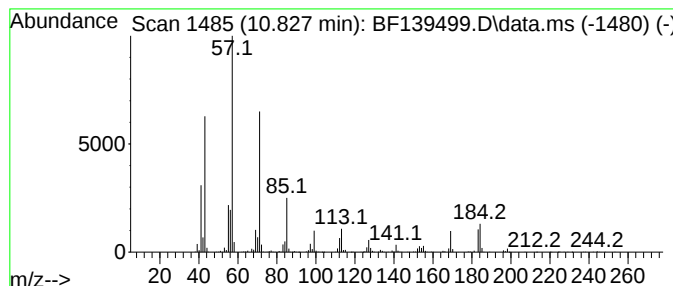
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	30.88 ng	923754	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
4		Decane, 2-methyl-	156	C11H24	006975-98-0	68
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

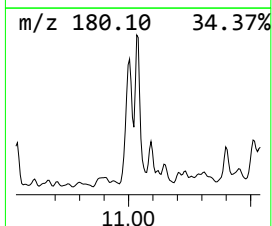
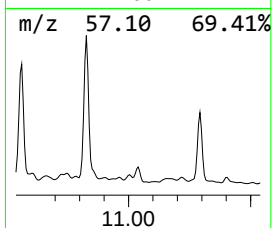
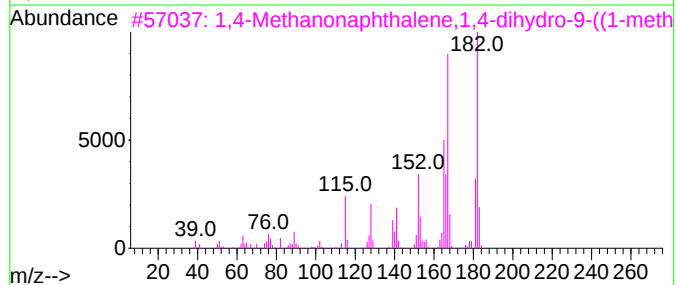
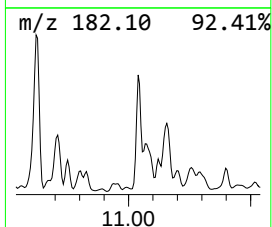
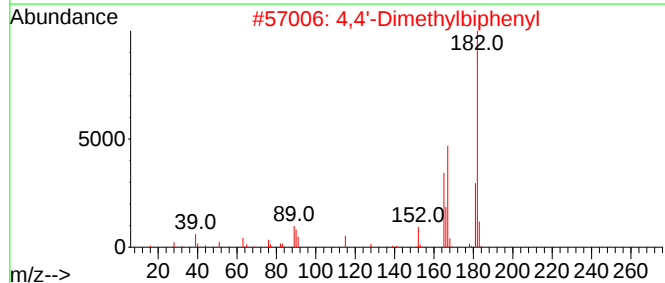
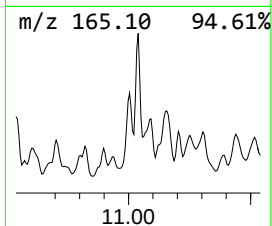
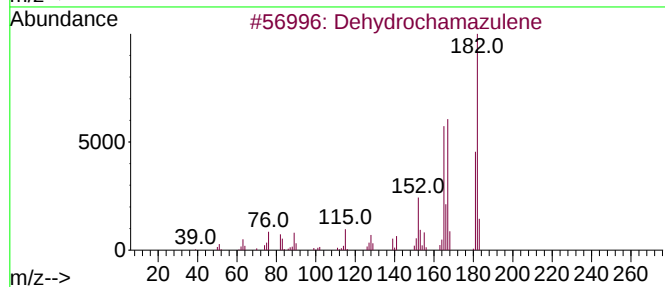
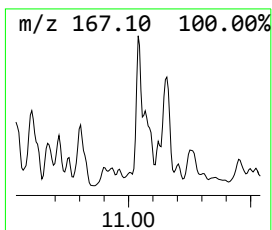
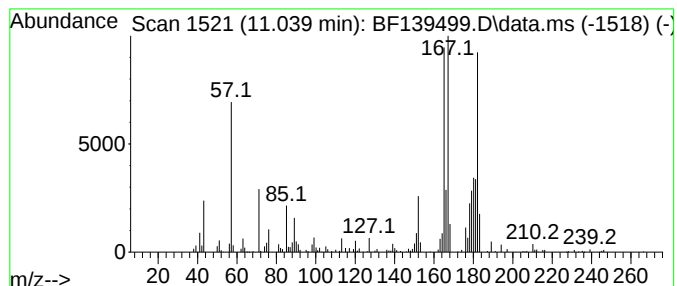
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dehydrochamazulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.039	11.74 ng	351149	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dehydrochamazulene	182	C14H14	321732-25-6	89
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	68
3			1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
4			1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	58
5			1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

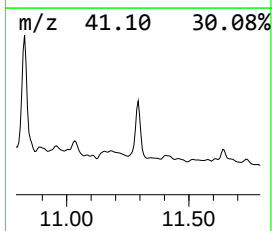
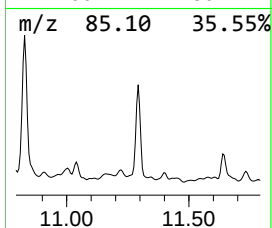
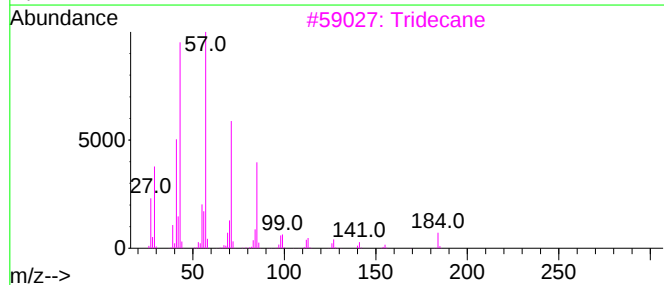
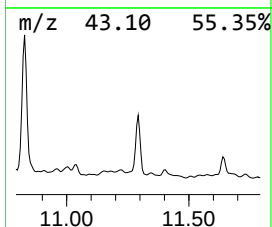
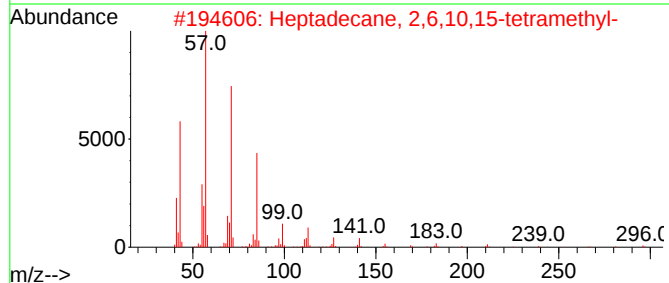
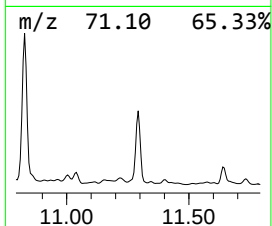
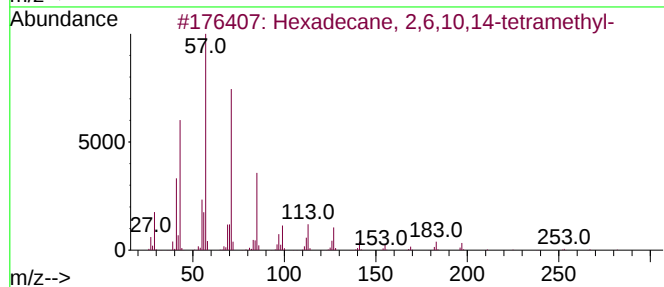
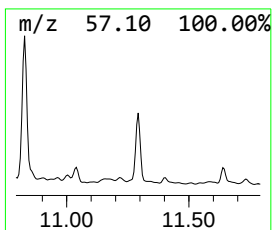
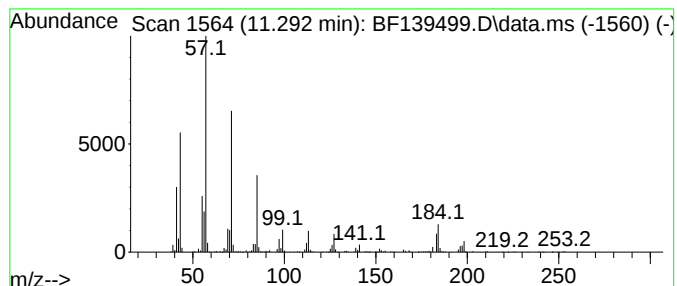
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	16.13 ng	482376	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Tridecane	184	C13H28	000629-50-5	72
4		Tetradecane	198	C14H30	000629-59-4	72
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139499.D
Acq On : 20 Sep 2024 13:48
Operator : RC/JU
Sample : P4103-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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...	2.163	22.4	ng	1016070	1	6.881	907967	20.0
Mesitylene	6.704	28.1	ng	1274350	1	6.881	907967	20.0
Decane, 5-methyl-	7.151	10.9	ng	495615	1	6.881	907967	20.0
Benzene, 1-ethy...	7.198	28.0	ng	1272750	1	6.881	907967	20.0
unknown7.269	7.269	14.2	ng	642844	1	6.881	907967	20.0
unknown7.522	7.522	12.9	ng	587367	1	6.881	907967	20.0
unknown8.451	8.451	10.6	ng	1455970	2	8.163	2745260	20.0
Dodecane, 2,6,1...	9.181	41.5	ng	1181070	3	9.916	569547	20.0
Carbonic acid, ...	9.316	34.8	ng	989731	3	9.916	569547	20.0
Naphthalene, 2,...	9.498	21.5	ng	612213	3	9.916	569547	20.0
Naphthalene, 2,...	9.575	30.8	ng	875817	3	9.916	569547	20.0
Tetradecane, 1-...	9.633	62.6	ng	1782830	3	9.916	569547	20.0
2-Dodecen-1-yl(...	9.780	12.8	ng	363080	3	9.916	569547	20.0
unknown9.828	9.828	19.6	ng	559035	3	9.916	569547	20.0
Naphthalene, 1,...	10.163	22.2	ng	632452	3	9.916	569547	20.0
Naphthalene, 1,...	10.322	13.3	ng	378064	3	9.916	569547	20.0
Heptacosane	10.563	20.0	ng	569639	3	9.916	569547	20.0
2-Bromo dodecane	10.828	30.9	ng	923754	4	11.398	598268	20.0
Dehydrochamazulene	11.039	11.7	ng	351149	4	11.398	598268	20.0
Hexadecane, 2,6...	11.292	16.1	ng	482376	4	11.398	598268	20.0