

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140623.D
 Acq On : 26 Nov 2024 00:14
 Operator : RC/JU
 Sample : P4951-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112124

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-BF112124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	573	578	601	rVB	864403	1169732	88.21%	5.611%
2	6.116	679	684	690	rBV3	9348	17659	1.33%	0.085%
3	6.398	728	732	735	rBV2	21325	27811	2.10%	0.133%
4	6.504	745	750	763	rVB	930343	1223151	92.23%	5.867%
5	6.604	763	767	772	rBV4	10831	19495	1.47%	0.094%
6	6.698	779	783	790	rVB2	79560	107868	8.13%	0.517%
7	6.828	795	805	807	rBV4	11340	26534	2.00%	0.127%
8	6.869	807	812	818	rVV	308737	389437	29.37%	1.868%
9	6.928	818	822	826	rVB4	20030	26602	2.01%	0.128%
10	7.010	833	836	840	rBV3	25959	33671	2.54%	0.162%
11	7.140	851	858	861	rBV3	54045	82192	6.20%	0.394%
12	7.187	861	866	872	rVB3	41707	93637	7.06%	0.449%
13	7.257	872	878	882	rBV3	61619	102615	7.74%	0.492%
14	7.334	887	891	892	rBV	20797	22905	1.73%	0.110%
15	7.398	897	902	903	rBV3	66959	78538	5.92%	0.377%
16	7.428	903	907	911	rBV	549545	710203	53.55%	3.406%
17	7.510	916	921	925	rBV5	61711	90099	6.79%	0.432%
18	7.551	925	928	935	rBV4	27602	74462	5.61%	0.357%
19	7.640	940	943	945	rBV2	25567	31733	2.39%	0.152%
20	7.669	945	948	956	rVB4	102681	174809	13.18%	0.838%
21	7.763	957	964	966	rBV4	58932	123060	9.28%	0.590%
22	7.792	966	969	972	rVV2	52169	74721	5.63%	0.358%
23	7.828	972	975	978	rVB3	52154	63809	4.81%	0.306%
24	7.863	978	981	982	rBV3	42664	44194	3.33%	0.212%
25	7.887	982	985	992	rVV4	87888	158682	11.97%	0.761%
26	7.939	992	994	996	rVV2	25554	28352	2.14%	0.136%
27	7.963	996	998	1000	rVV2	34410	37251	2.81%	0.179%
28	7.987	1000	1002	1005	rVB	47308	44304	3.34%	0.213%
29	8.016	1005	1007	1010	rVB2	39526	37988	2.86%	0.182%
30	8.051	1010	1013	1016	rBV	38044	43521	3.28%	0.209%
31	8.128	1016	1026	1027	rBV3	337394	486054	36.65%	2.331%
32	8.151	1027	1030	1035	rVV	389119	583482	44.00%	2.799%
33	8.198	1035	1038	1042	rVB2	141143	187234	14.12%	0.898%
34	8.234	1042	1044	1051	rVB6	57805	86590	6.53%	0.415%
35	8.322	1052	1059	1060	rBV4	49703	92356	6.96%	0.443%
36	8.345	1060	1063	1067	rVB2	84632	101795	7.68%	0.488%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140623.D
 Acq On : 26 Nov 2024 00:14
 Operator : RC/JU
 Sample : P4951-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-112124

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-BF112124.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.439	1074	1079	1083	rBV5	128653	190564	14.37%	0.914%
38	8.492	1085	1088	1091	rBV4	48323	60601	4.57%	0.291%
39	8.528	1091	1094	1097	rBV3	59268	71890	5.42%	0.345%
40	8.563	1097	1100	1103	rBV	122989	136702	10.31%	0.656%
41	8.651	1111	1115	1119	rBV	191113	248801	18.76%	1.193%
42	8.734	1125	1129	1133	rBV	353687	436824	32.94%	2.095%
43	8.898	1154	1157	1159	rBV3	34899	45243	3.41%	0.217%
44	8.969	1165	1169	1174	rBV3	166690	223295	16.84%	1.071%
45	9.092	1187	1190	1195	rVB3	101307	147279	11.11%	0.706%
46	9.139	1196	1198	1199	rBV	38013	32855	2.48%	0.158%
47	9.163	1199	1202	1208	rVB4	188056	253070	19.08%	1.214%
48	9.222	1208	1212	1217	rBV	1100709	1326146	100.00%	6.361%
49	9.298	1221	1225	1229	rBV	476896	618008	46.60%	2.964%
50	9.375	1235	1238	1241	rVB	107304	119479	9.01%	0.573%
51	9.557	1263	1269	1275	rBV7	124846	365005	27.52%	1.751%
52	9.616	1275	1279	1283	rVV3	302203	514341	38.78%	2.467%
53	9.681	1287	1290	1294	rVB3	116699	138919	10.48%	0.666%
54	9.769	1302	1305	1308	rBV4	54709	66530	5.02%	0.319%
55	9.828	1311	1315	1319	rVB	443565	573788	43.27%	2.752%
56	9.904	1324	1328	1332	rVB	354161	461886	34.83%	2.215%
57	10.010	1342	1346	1350	rVB2	77370	105021	7.92%	0.504%
58	10.063	1351	1355	1357	rBV3	75289	121912	9.19%	0.585%
59	10.151	1366	1370	1374	rBV5	137341	189191	14.27%	0.907%
60	10.222	1379	1382	1385	rBV3	86844	133907	10.10%	0.642%
61	10.328	1395	1400	1404	rBV	480598	639472	48.22%	3.067%
62	10.545	1433	1437	1444	rVB	212415	360931	27.22%	1.731%
63	10.616	1444	1449	1455	rBV	172505	288091	21.72%	1.382%
64	10.698	1459	1463	1468	rVB	512954	633268	47.75%	3.037%
65	10.804	1477	1481	1490	rVB	514687	863667	65.13%	4.143%
66	11.251	1553	1557	1560	rBV	360637	472314	35.62%	2.265%
67	11.280	1560	1562	1568	rVB2	198555	261913	19.75%	1.256%
68	11.392	1577	1581	1585	rBV	340181	508885	38.37%	2.441%
69	11.633	1619	1622	1625	rVV4	45377	56324	4.25%	0.270%
70	11.680	1626	1630	1634	rVB	278909	346074	26.10%	1.660%
71	11.916	1667	1670	1677	rVB3	94148	168603	12.71%	0.809%
72	12.086	1695	1699	1704	rVB	228481	273078	20.59%	1.310%
73	12.474	1761	1765	1777	rVB2	244672	415325	31.32%	1.992%
74	12.610	1785	1788	1792	rBV	103523	138915	10.48%	0.666%
75	12.845	1823	1828	1833	rVB2	185399	259626	19.58%	1.245%
76	12.980	1846	1851	1860	rVB	808441	1056749	79.69%	5.069%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.204	1885	1889	1892	rBV	64524	79006	5.96%	0.379%
78	13.545	1944	1947	1951	rVB2	39332	44378	3.35%	0.213%
79	14.039	2027	2031	2043	rVB2	247585	402672	30.36%	1.931%
80	15.533	2281	2285	2300	rVB	165705	301558	22.74%	1.446%

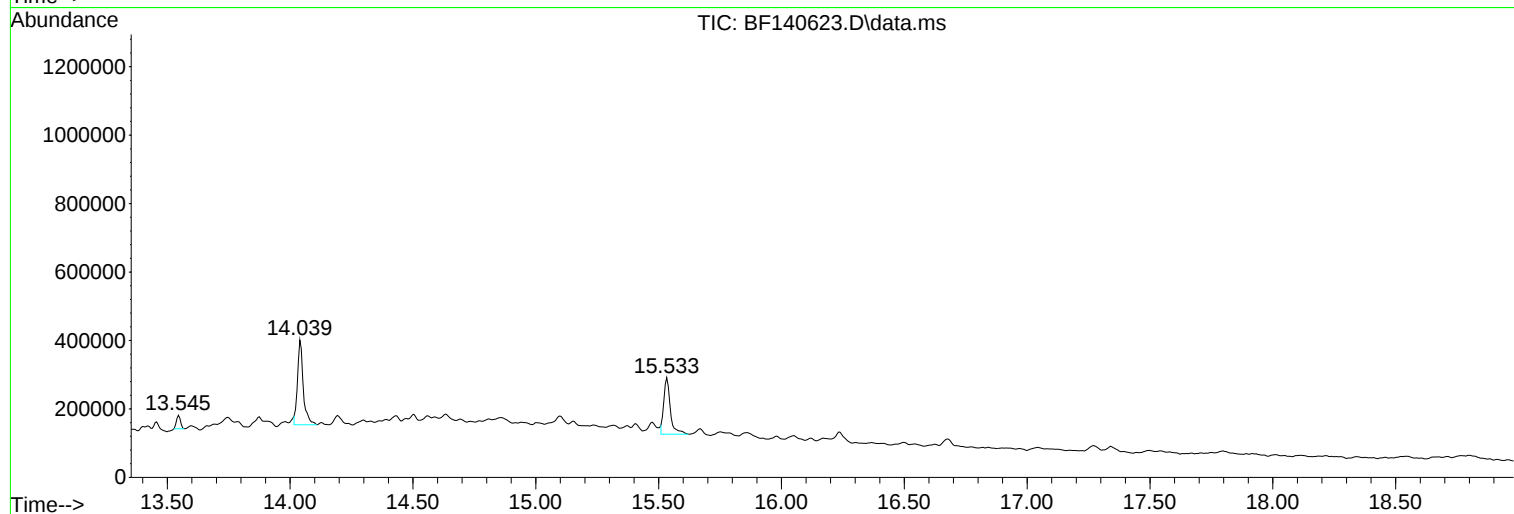
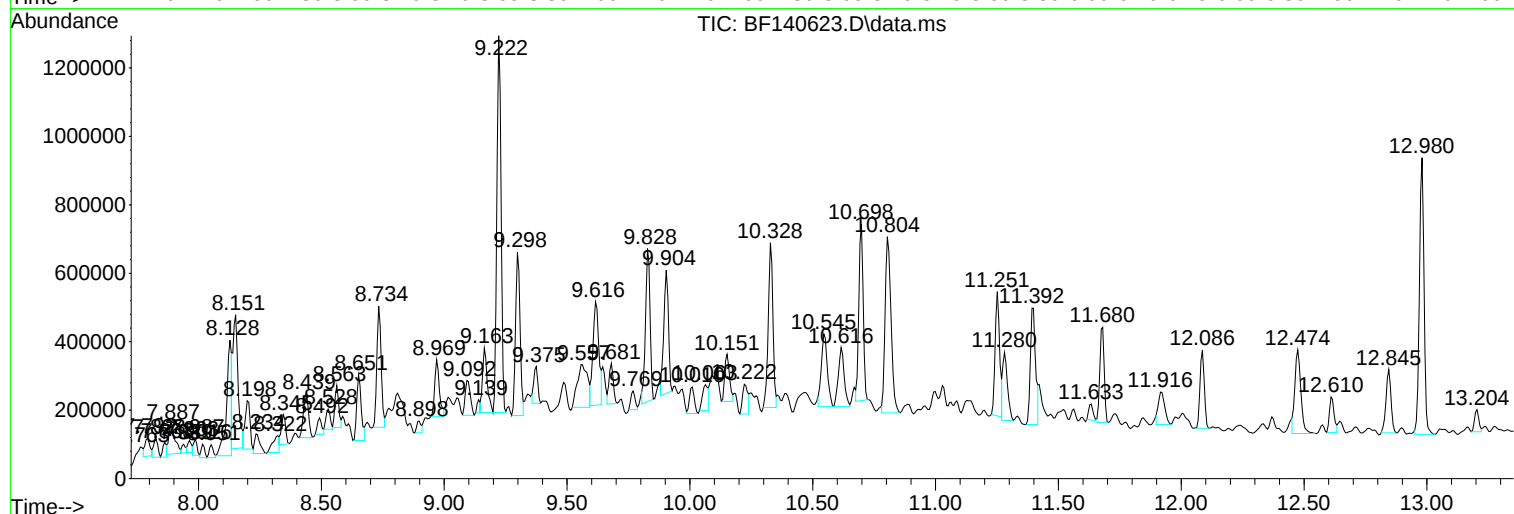
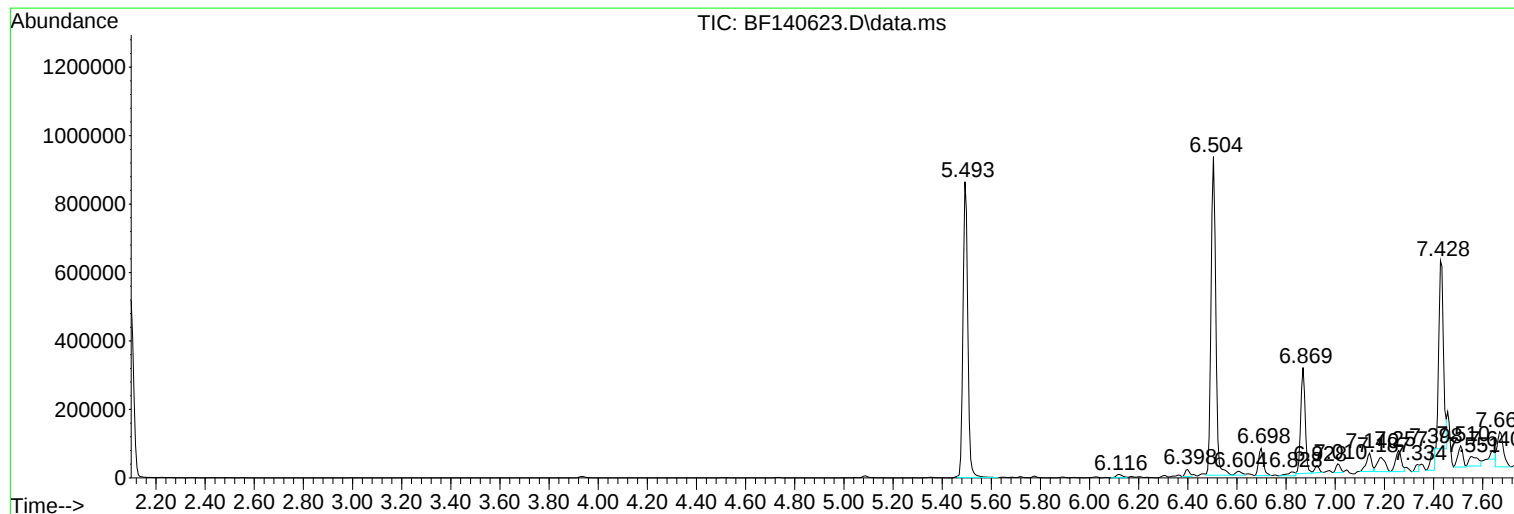
Sum of corrected areas: 20848652

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

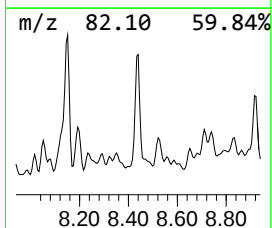
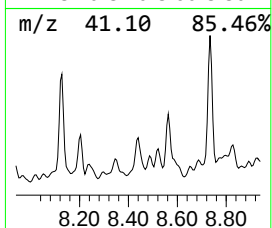
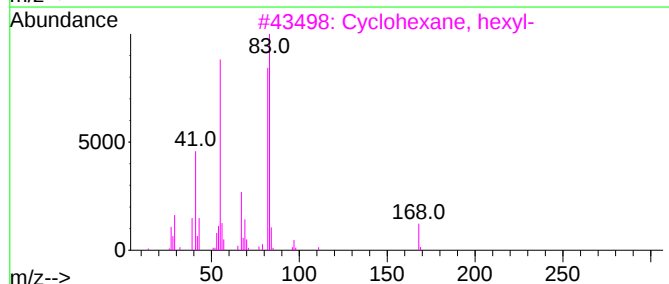
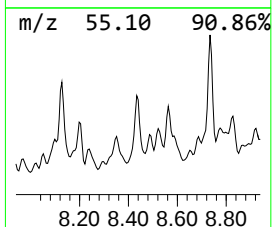
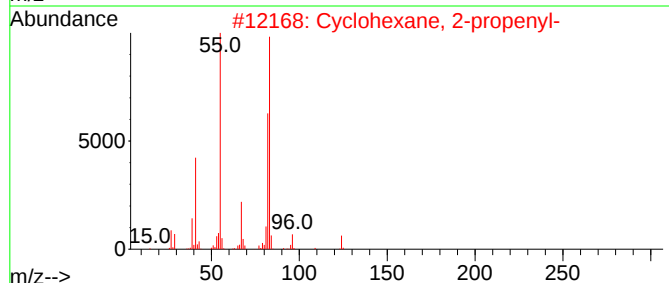
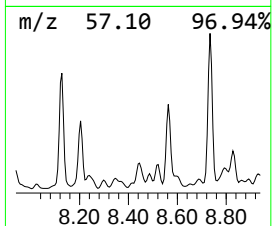
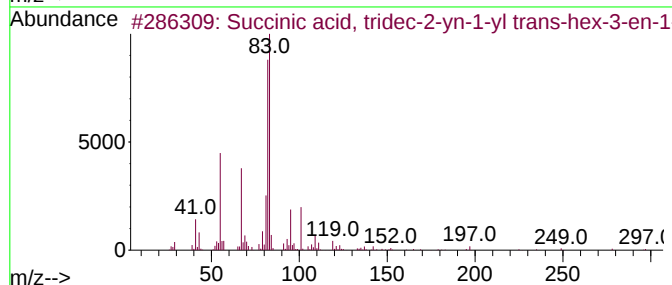
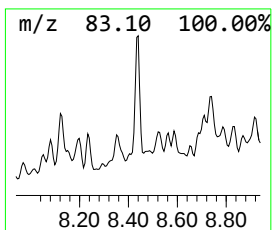
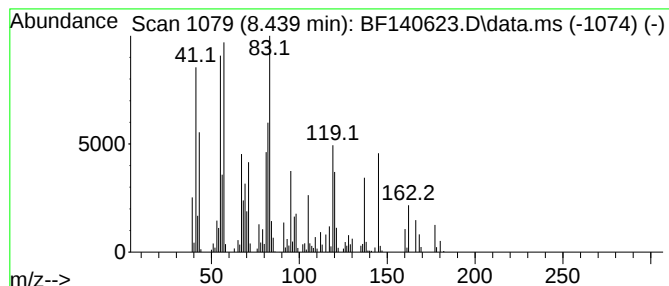
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.439 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	6.53 ng	190564	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	38
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	22
4			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	22
5			2-Dodecenal, (E)-	182	C12H22O	020407-84-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

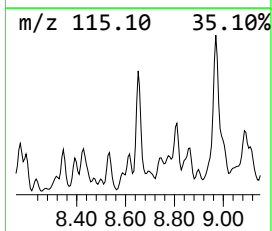
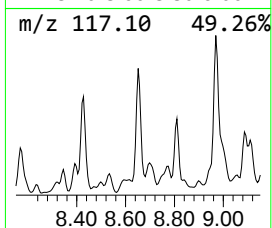
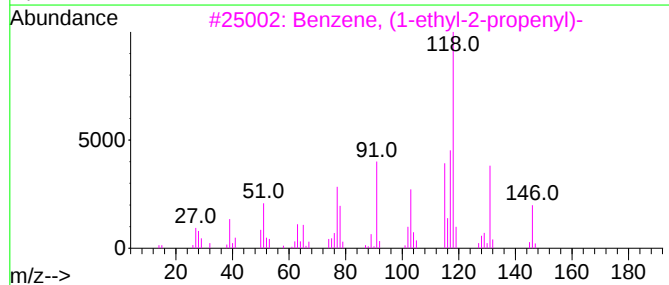
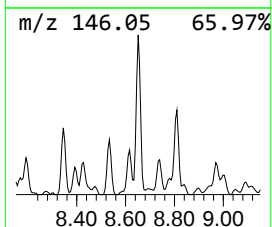
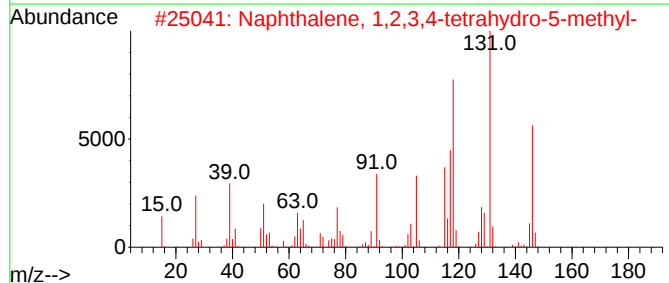
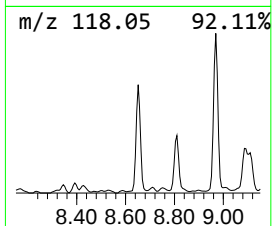
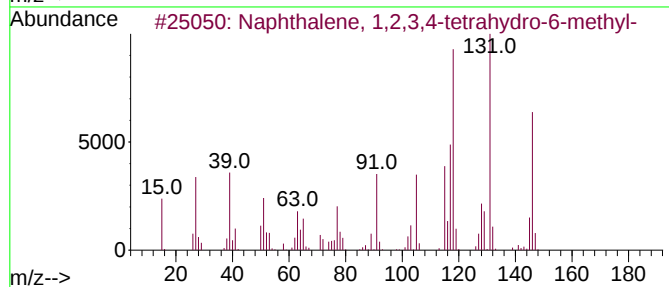
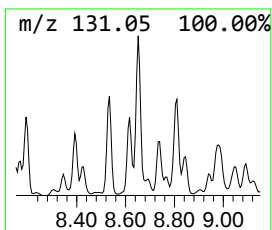
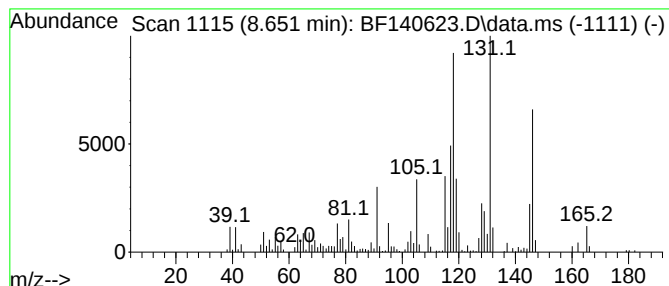
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	8.53 ng	248801	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	83
4			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

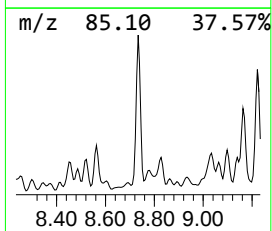
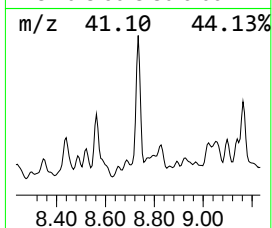
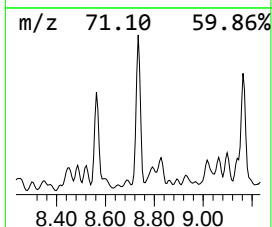
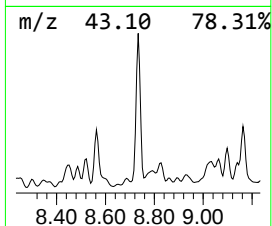
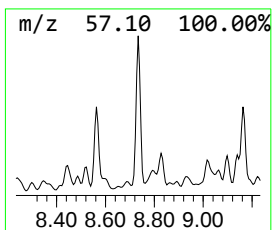
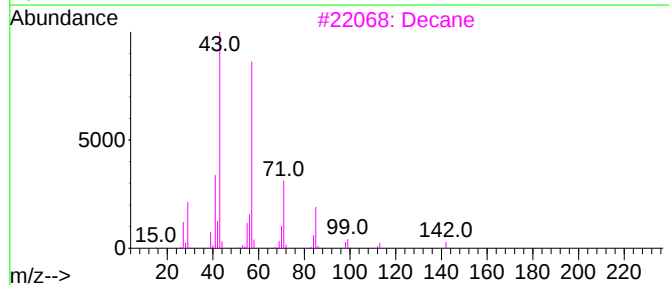
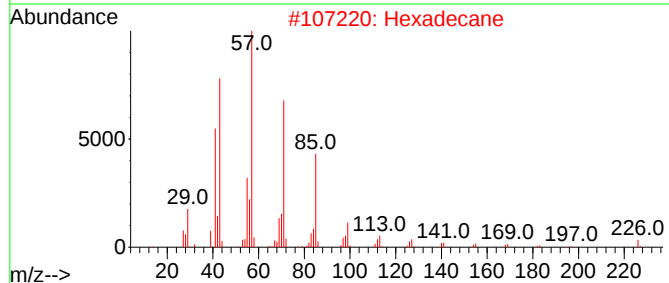
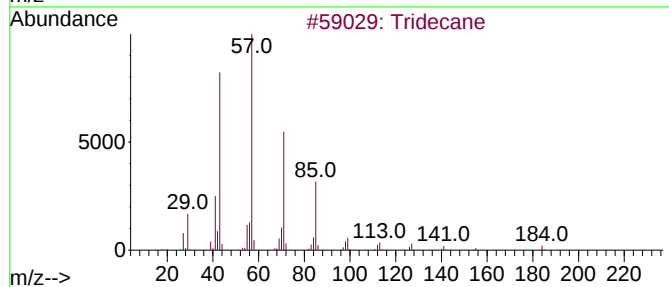
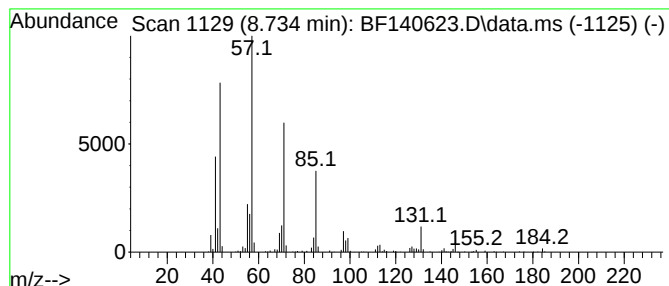
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	14.97 ng	436824	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	72
3			Decane	142	C10H22	000124-18-5	68
4			Tetradecane	198	C14H30	000629-59-4	64
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

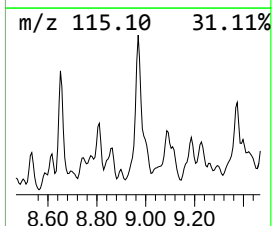
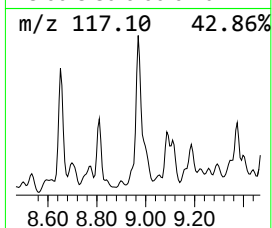
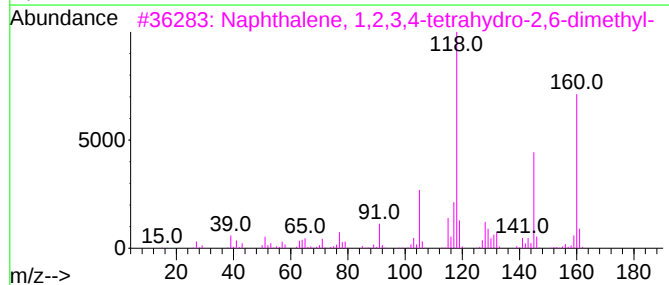
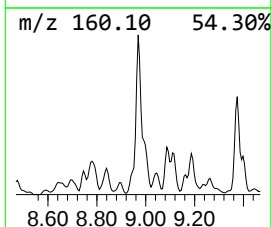
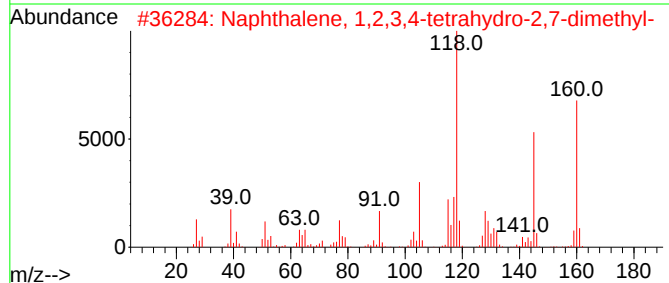
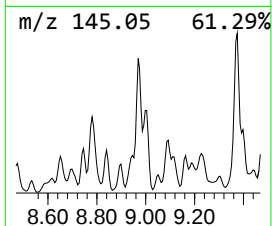
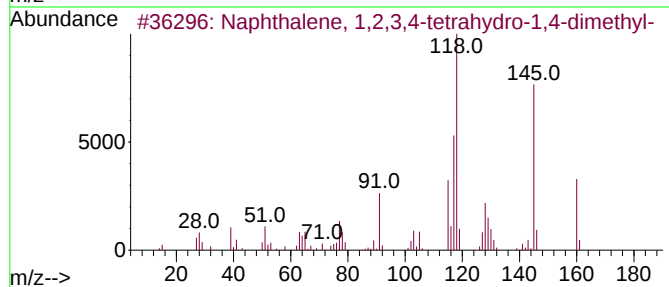
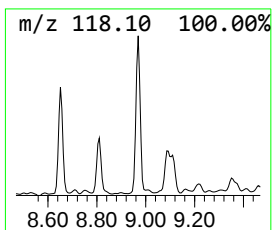
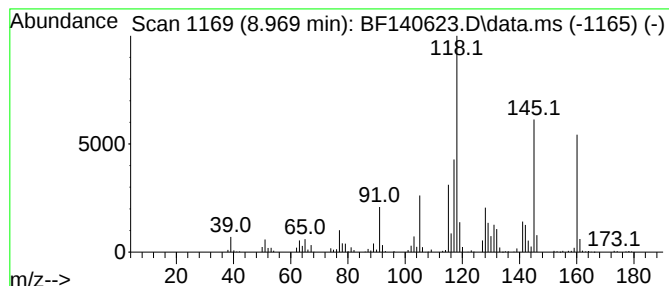
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.969	7.65 ng	223295	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	81
4			1(2H)-Naphthalenone, 3,4-dihydro-...	160	C11H12O	014944-23-1	62
5			1(2H)-Naphthalenone, 3,4-dihydro-...	160	C11H12O	001590-08-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

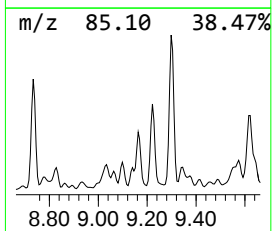
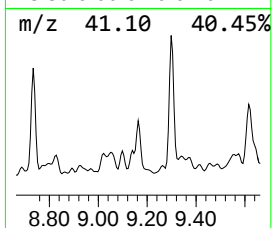
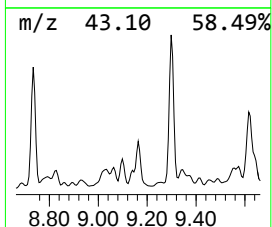
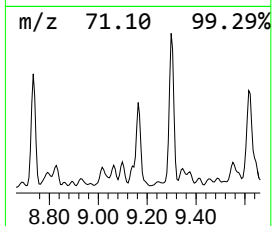
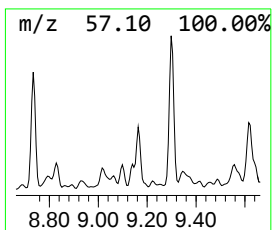
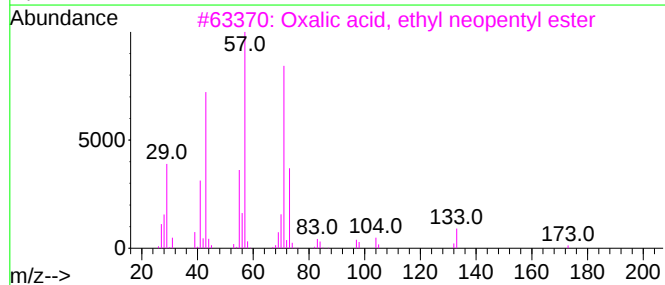
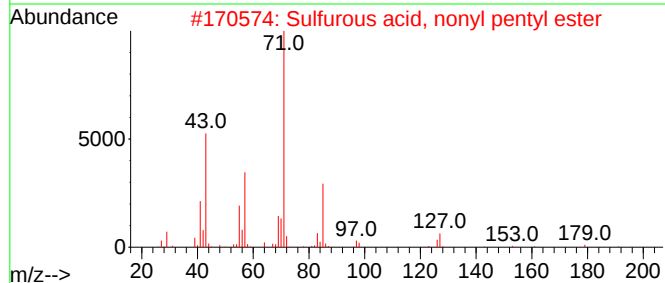
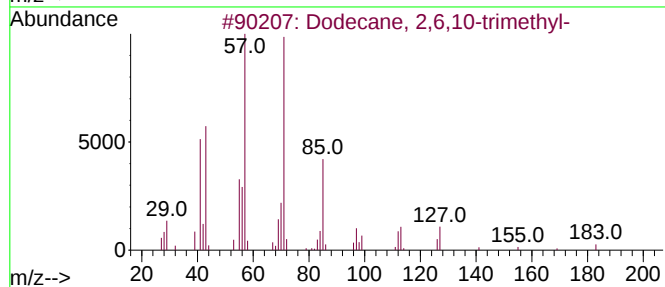
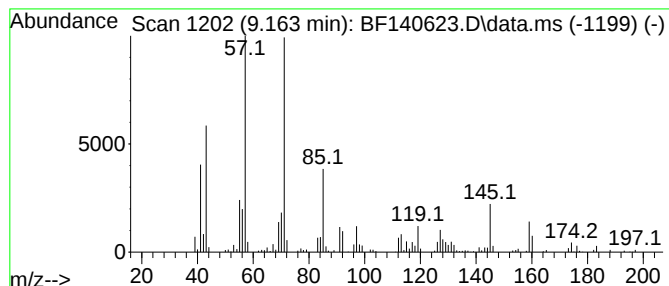
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	10.96 ng	253070	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	76
2			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	49
3			Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	43
4			Octane, 2-methyl-	128	C9H20	003221-61-2	38
5			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

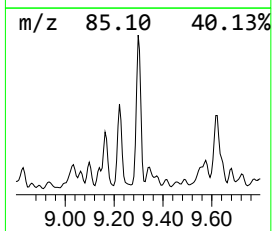
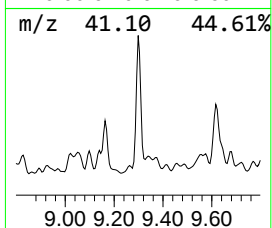
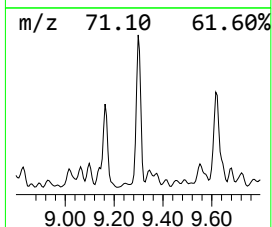
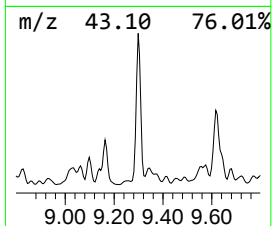
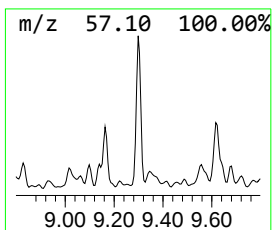
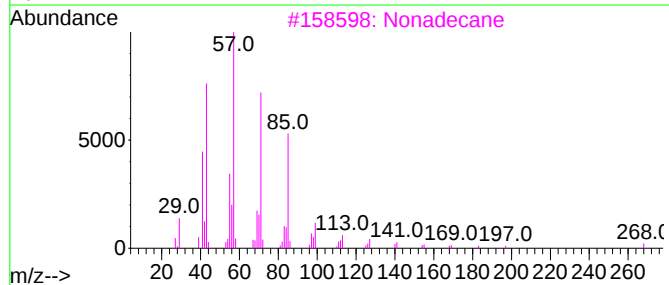
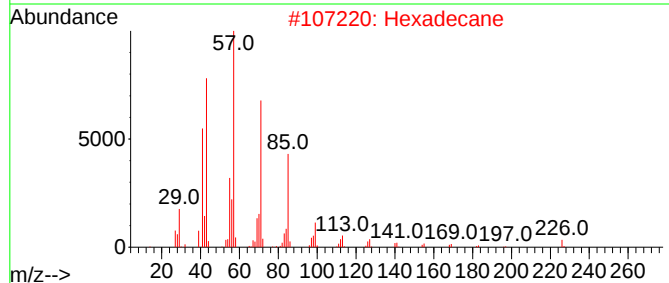
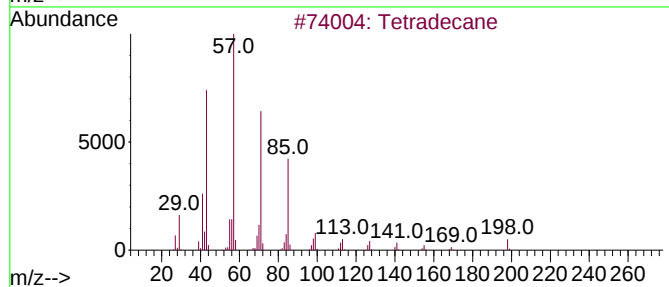
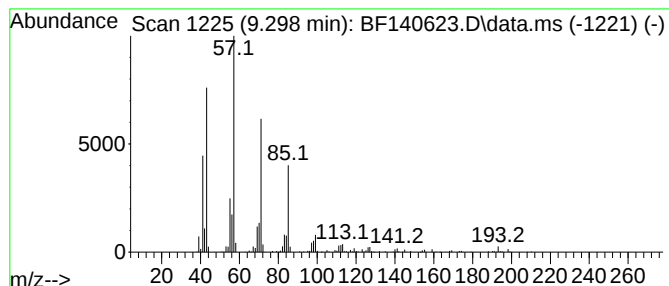
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	26.76 ng	618008	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			10-Methylnonadecane	282	C20H42	056862-62-5	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

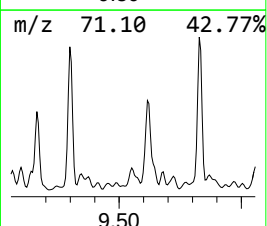
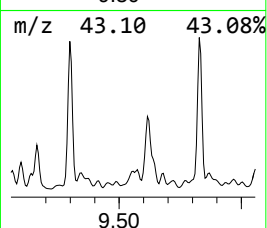
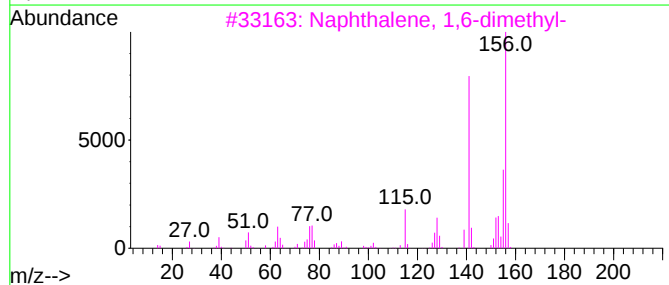
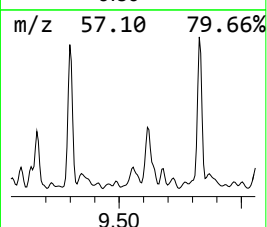
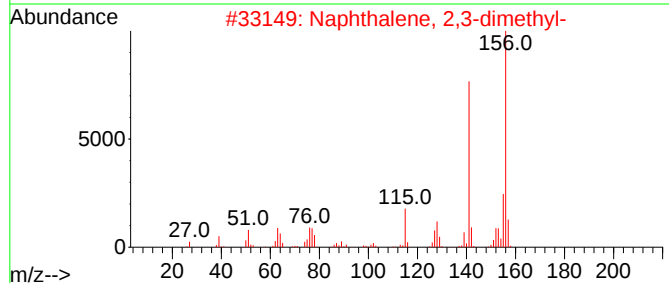
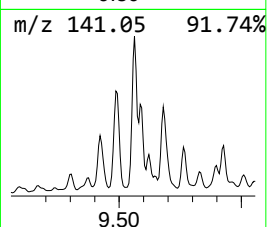
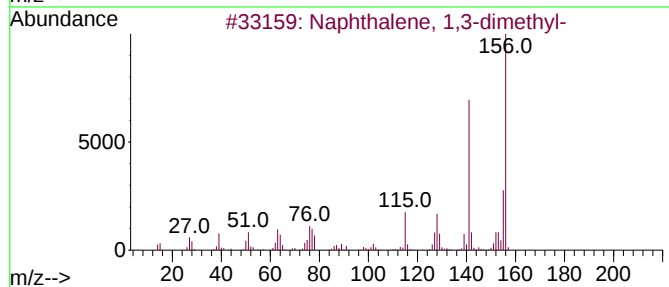
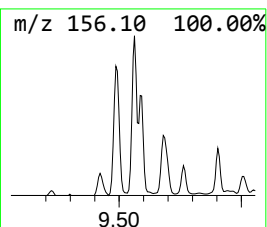
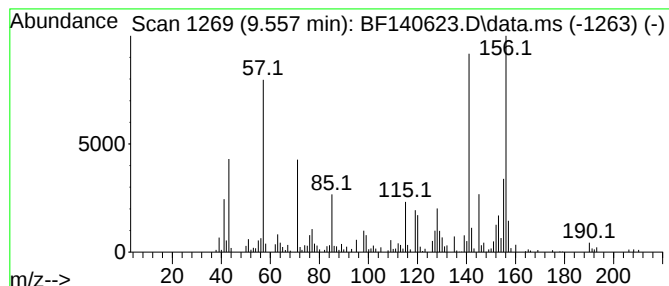
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	15.81 ng	365005	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

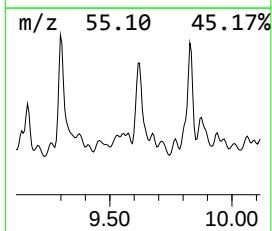
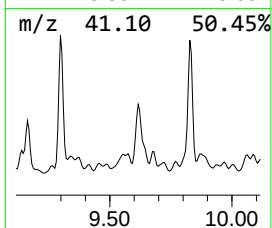
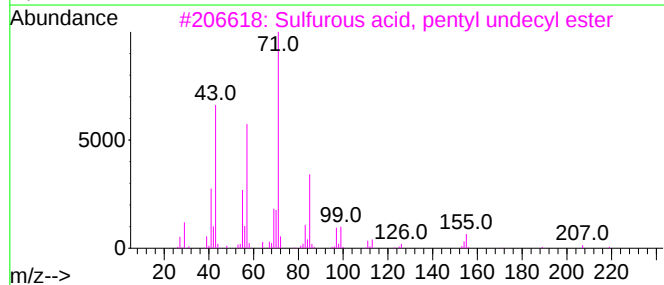
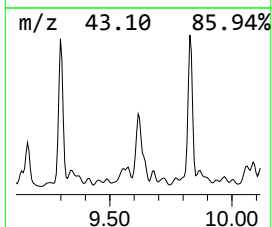
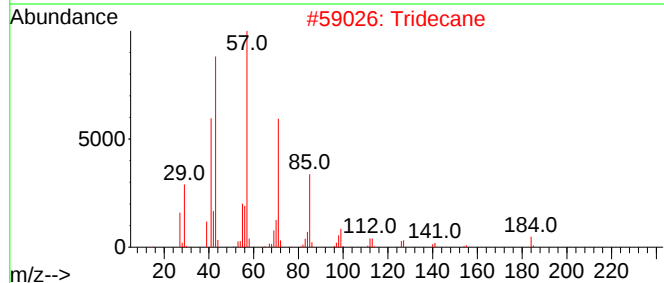
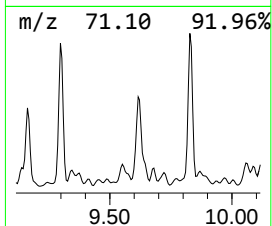
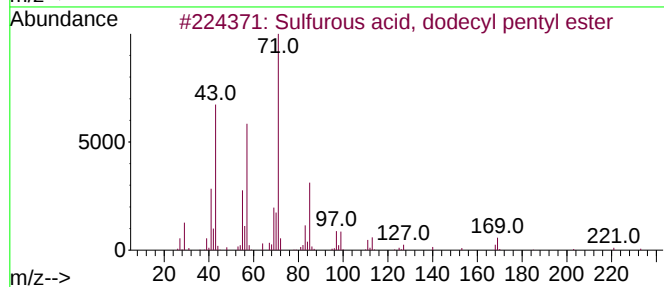
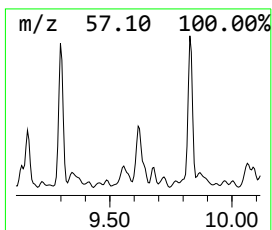
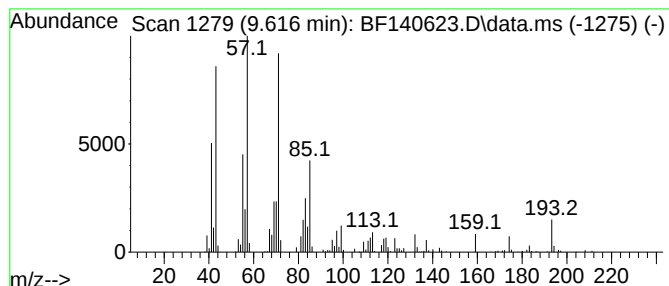
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, dodecyl pen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	22.27 ng	514341	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	80
2			Tridecane	184	C13H28	000629-50-5	76
3			Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	72
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
5			Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

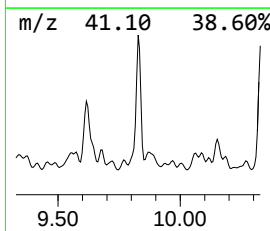
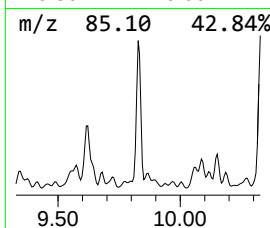
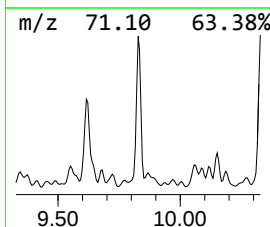
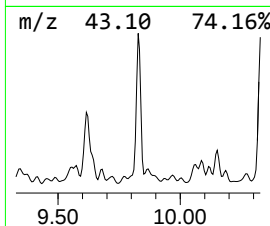
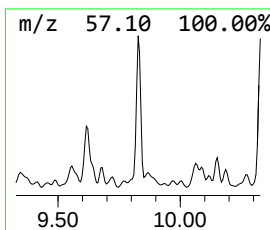
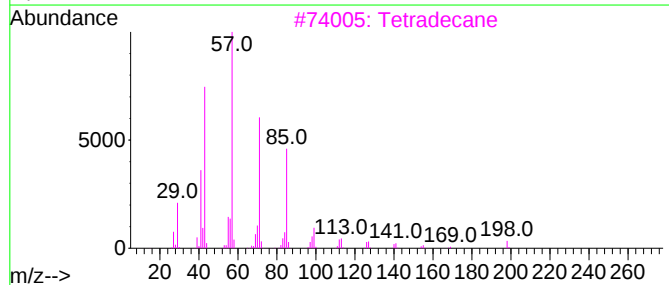
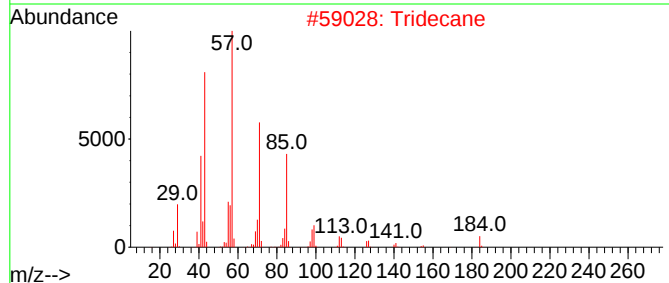
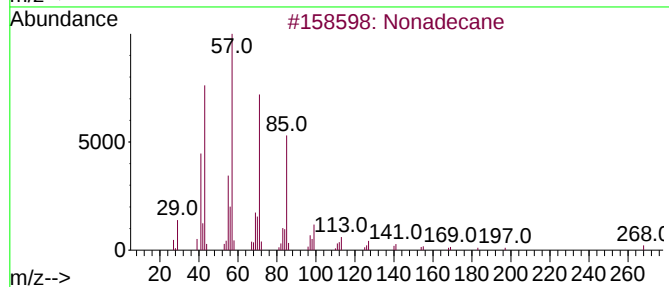
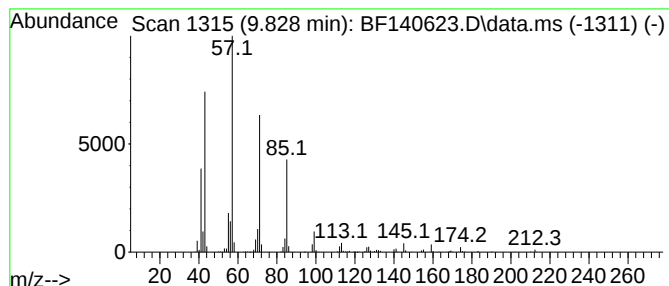
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	24.85 ng	573788	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Tridecane	184	C13H28	000629-50-5	80
3			Tetradecane	198	C14H30	000629-59-4	72
4			Hexadecane	226	C16H34	000544-76-3	64
5			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

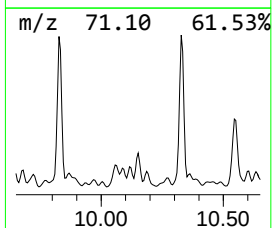
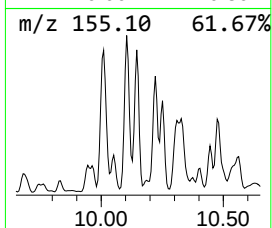
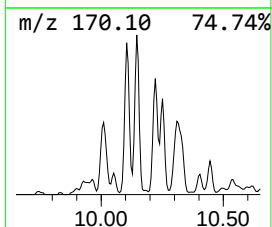
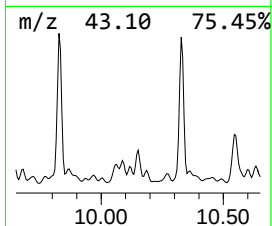
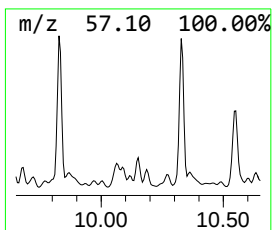
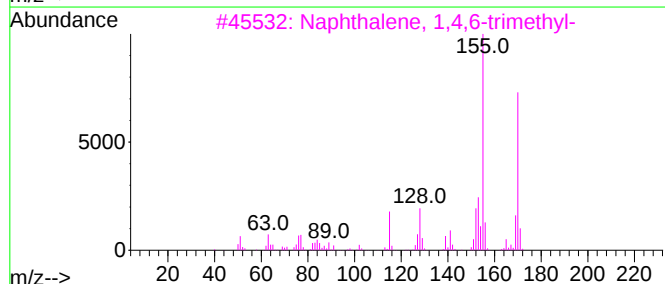
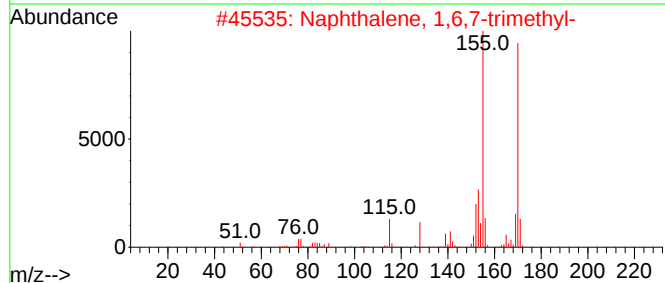
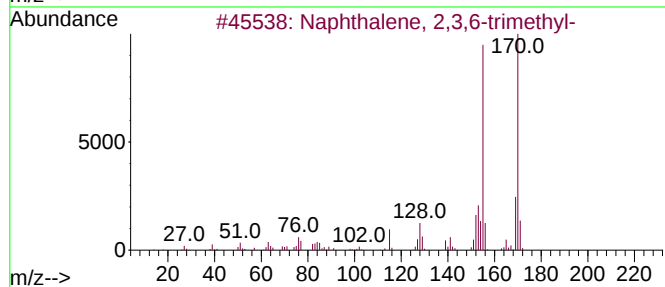
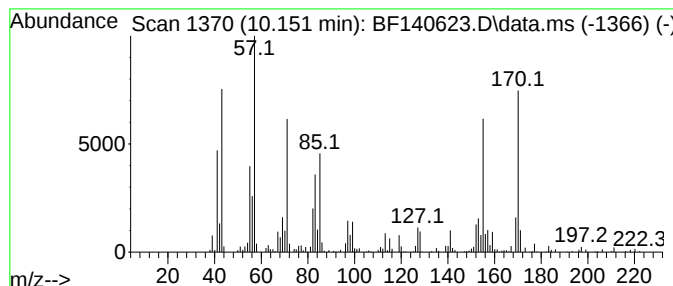
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	8.19 ng	189191	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

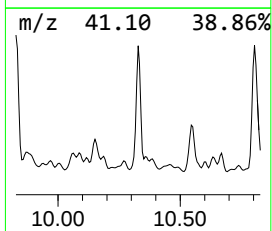
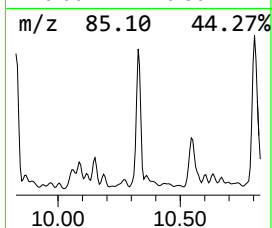
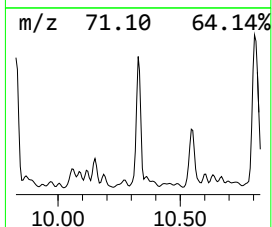
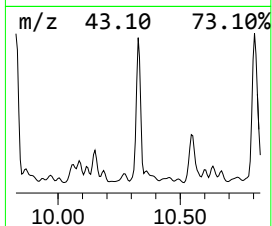
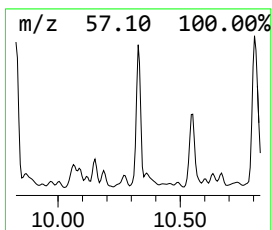
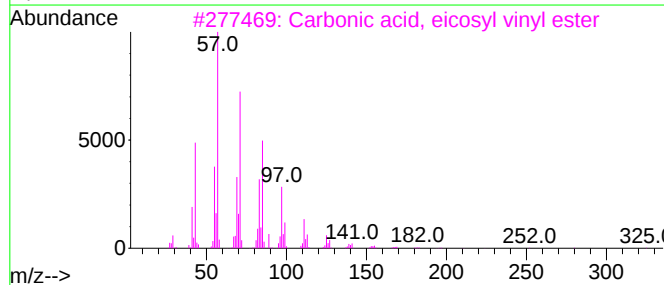
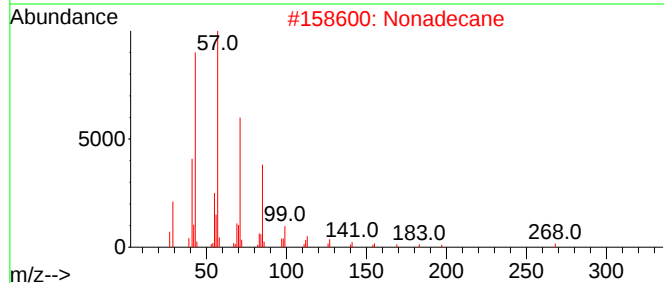
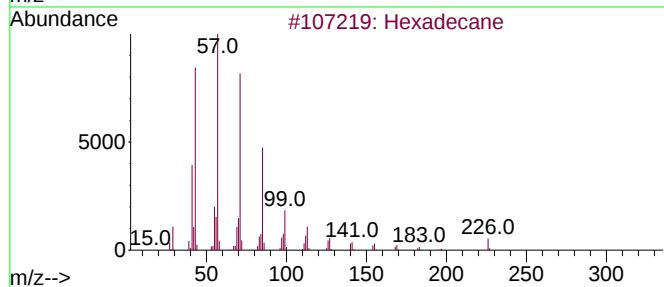
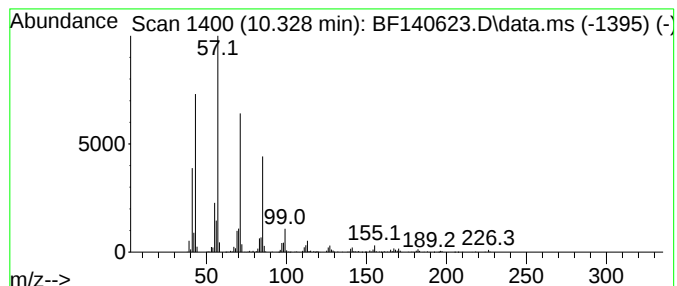
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	27.69 ng	639472	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Nonadecane	268	C19H40	000629-92-5	91
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

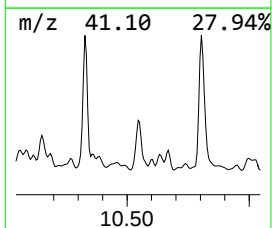
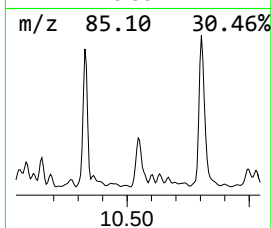
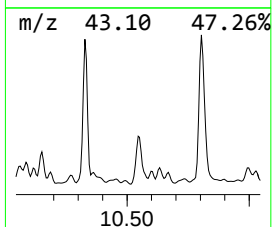
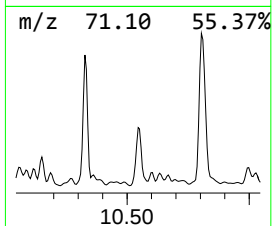
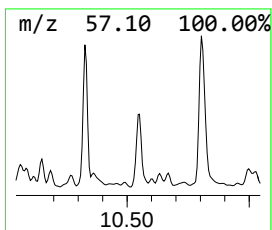
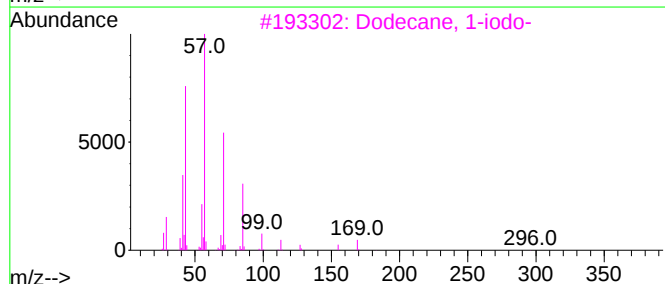
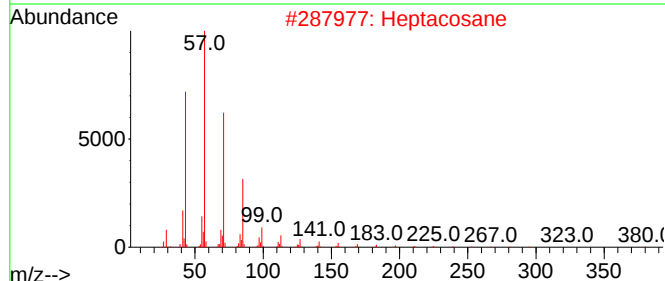
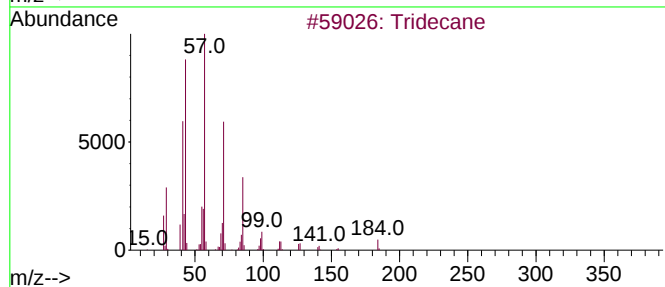
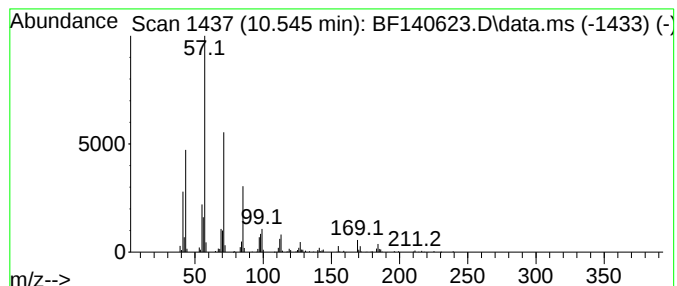
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	15.63 ng	360931	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
5			Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

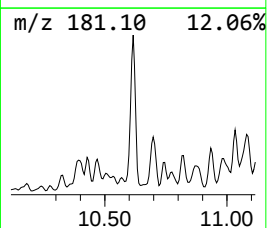
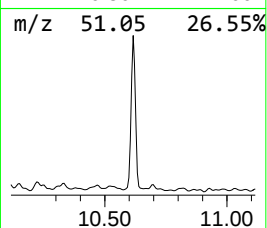
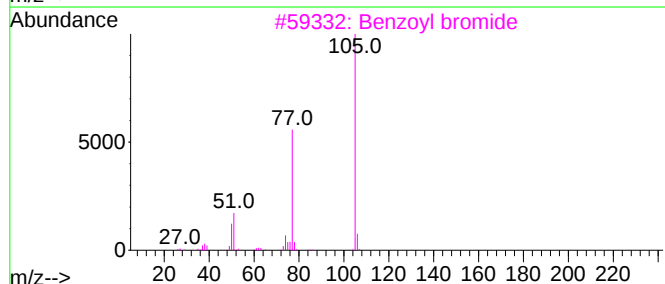
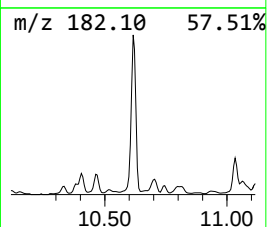
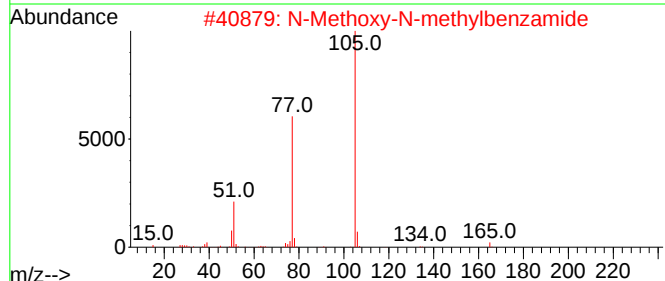
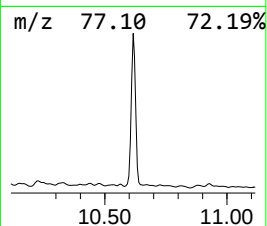
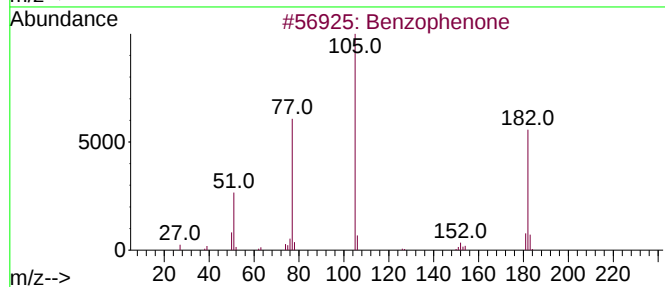
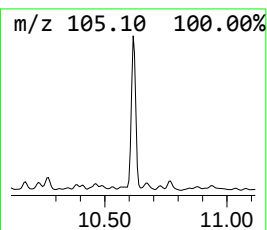
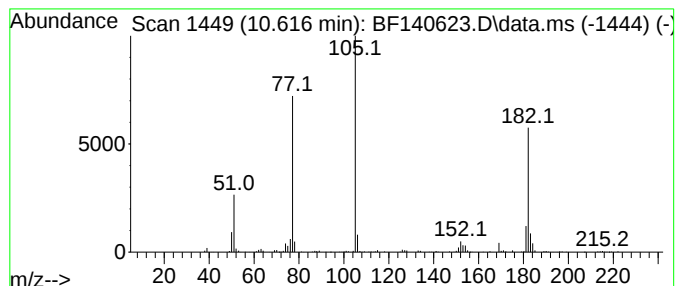
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	12.47 ng	288091	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
3			Benzoyl bromide	184	C7H5BrO	000618-32-6	43
4			Ethanone, 2-(5-nitrotetrazol-2-y...	233	C9H7N5O3	1000310-77-2	43
5			Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

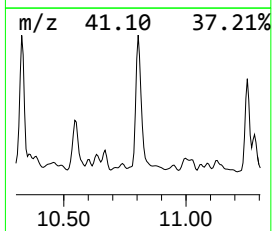
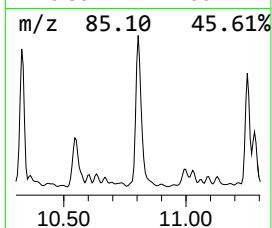
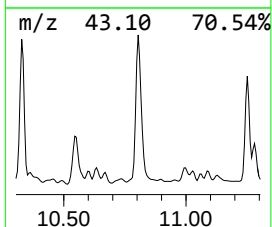
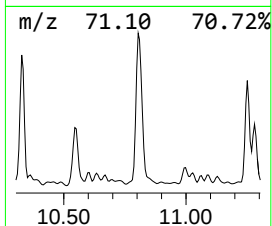
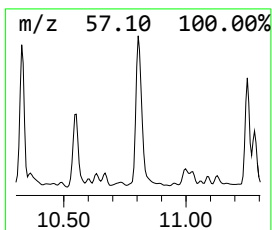
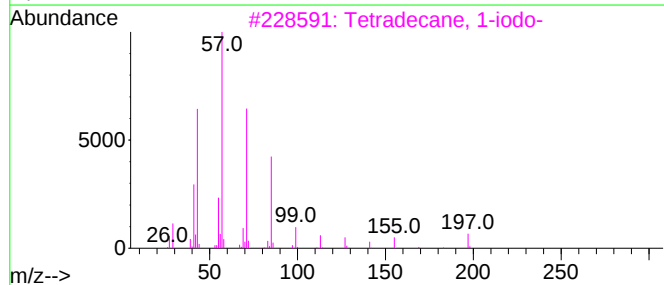
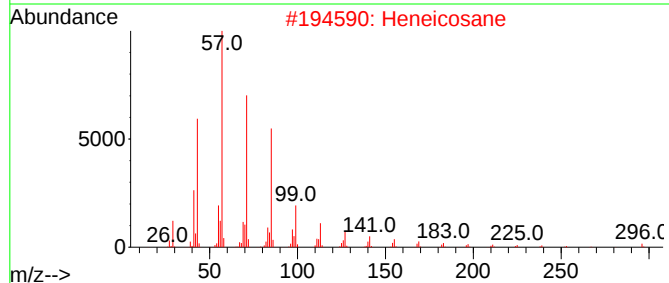
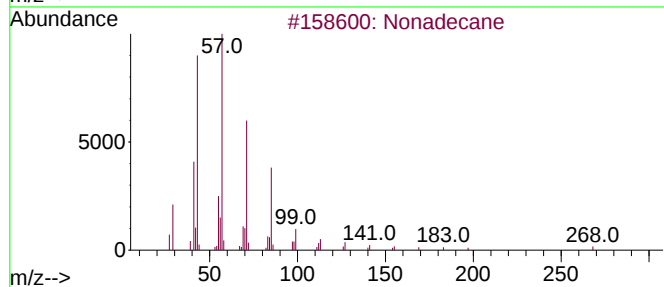
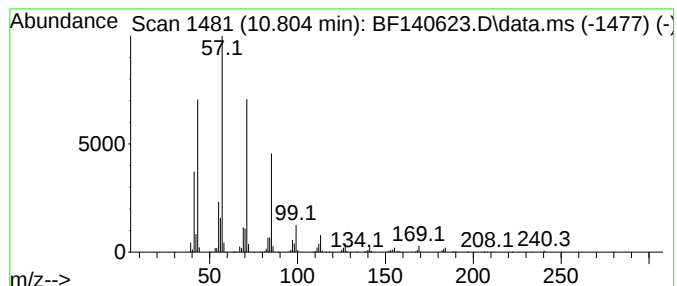
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	33.94 ng	863667	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

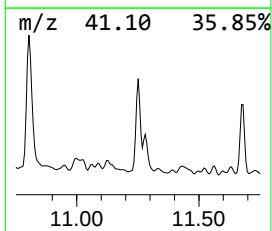
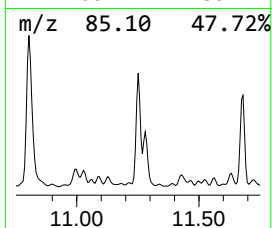
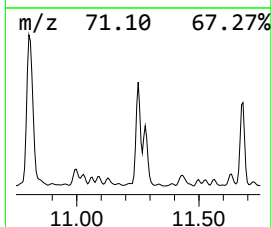
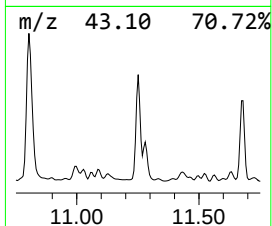
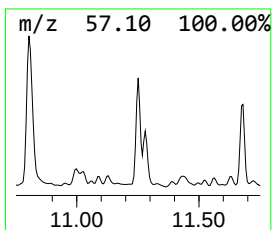
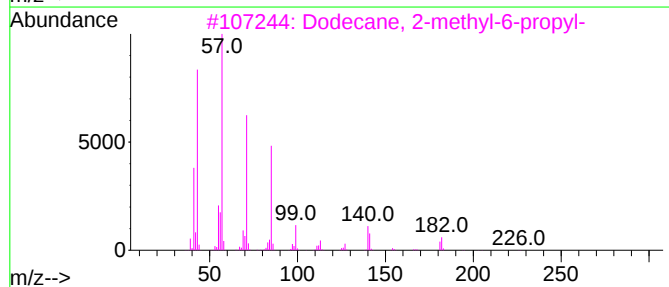
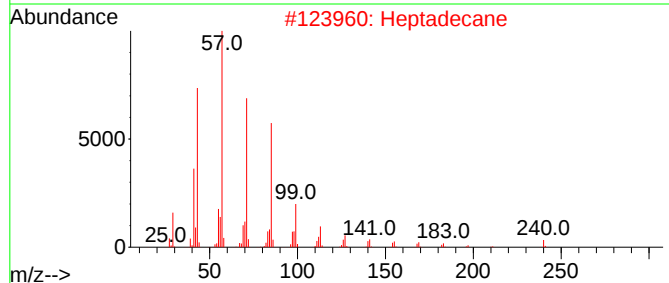
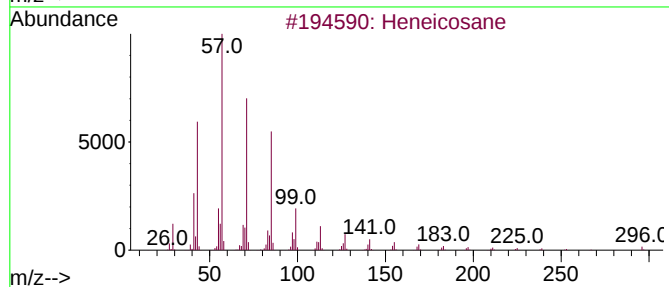
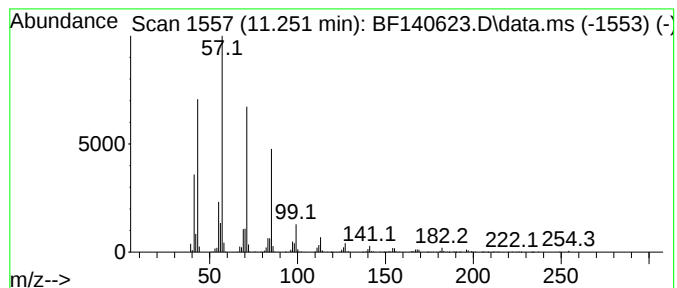
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	18.56 ng	472314	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

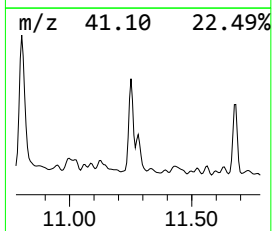
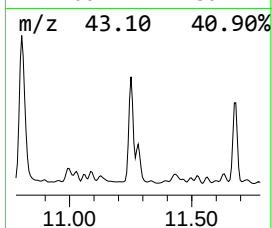
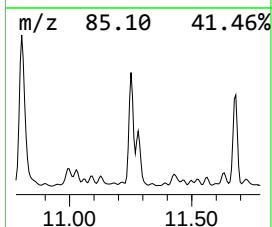
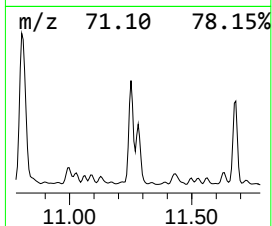
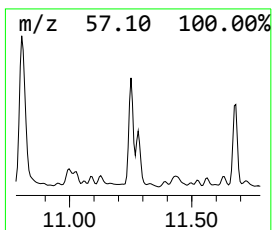
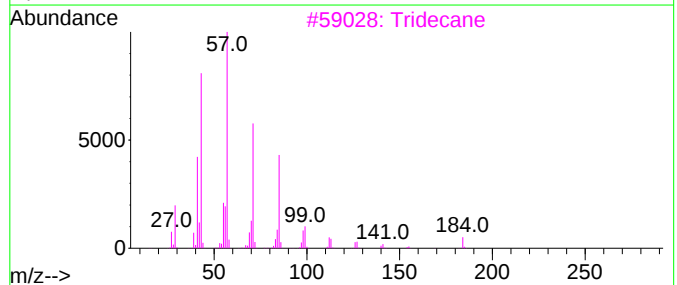
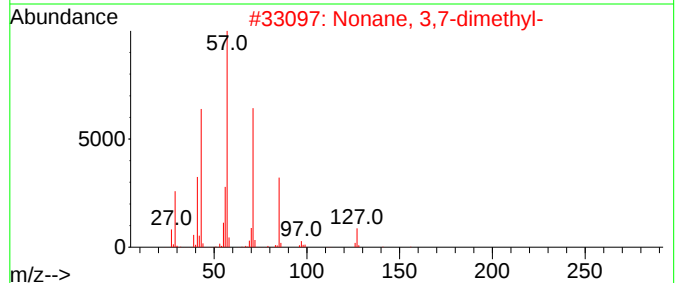
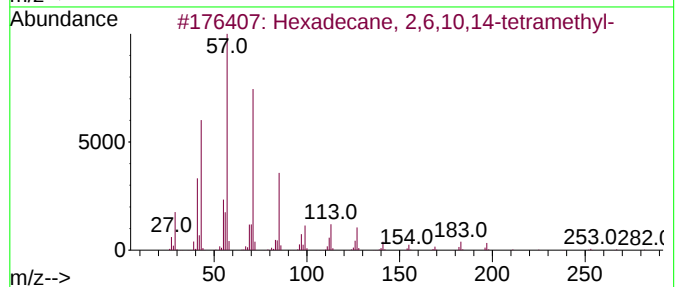
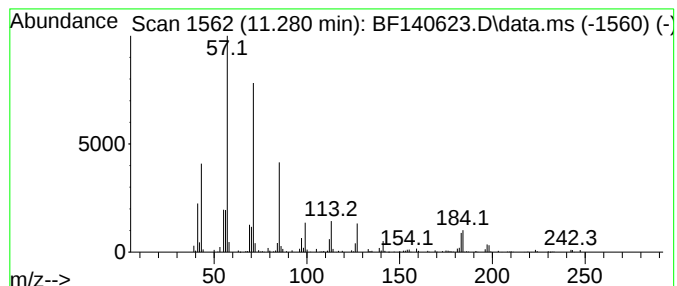
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.280	10.29 ng	261913	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	90
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
3		Tridecane	184	C13H28	000629-50-5	87
4		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

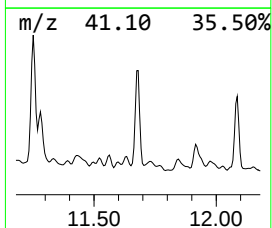
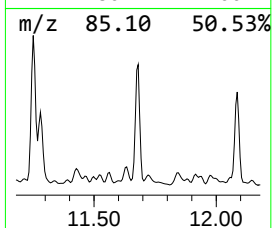
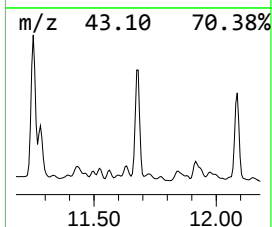
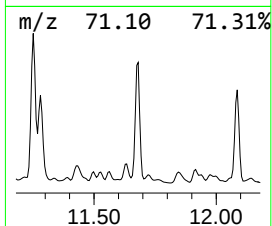
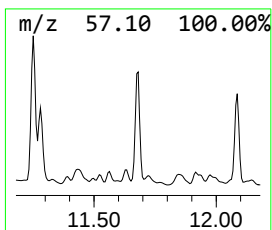
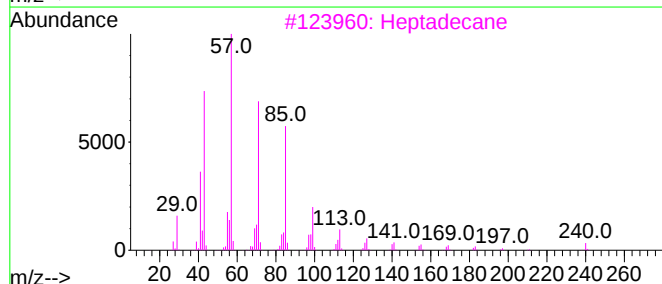
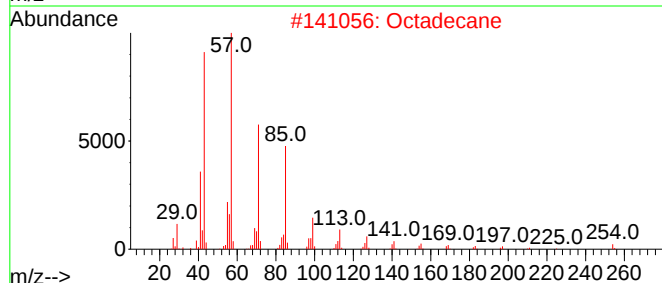
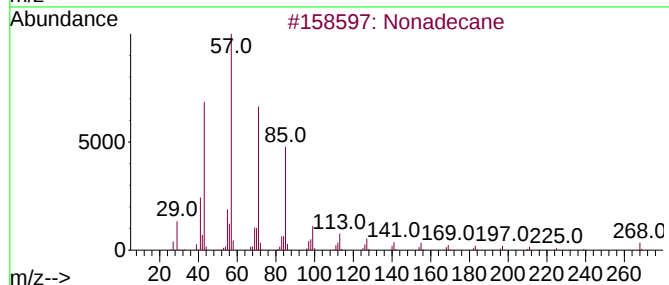
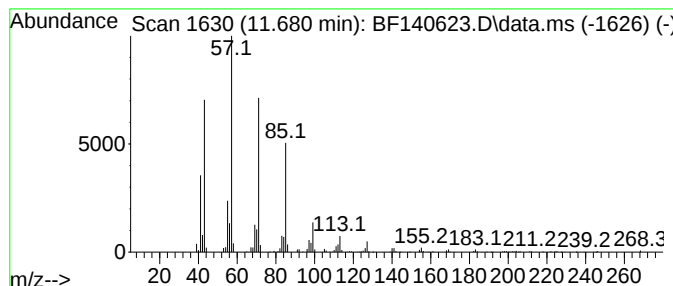
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	13.60 ng	346074	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Octadecane	254	C18H38	000593-45-3	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

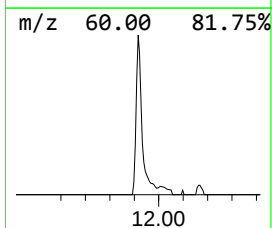
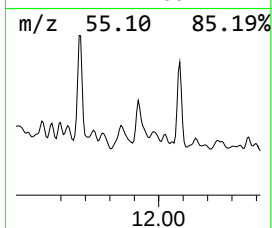
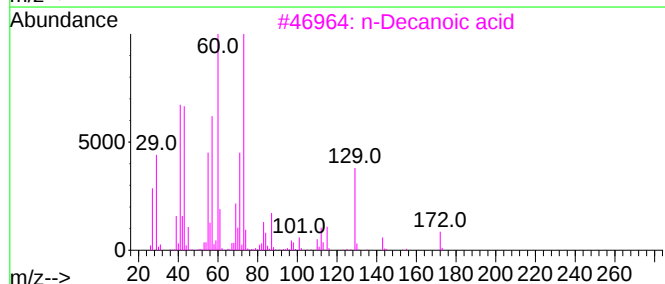
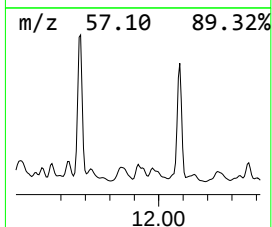
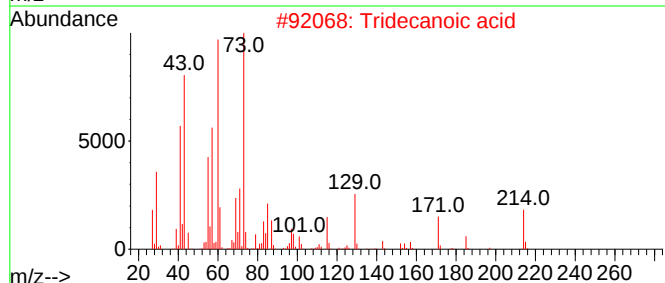
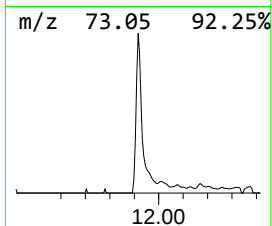
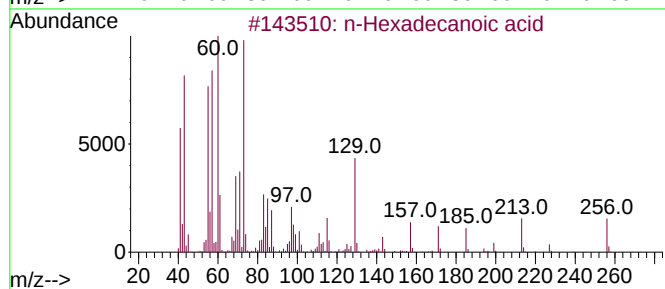
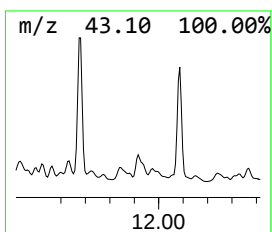
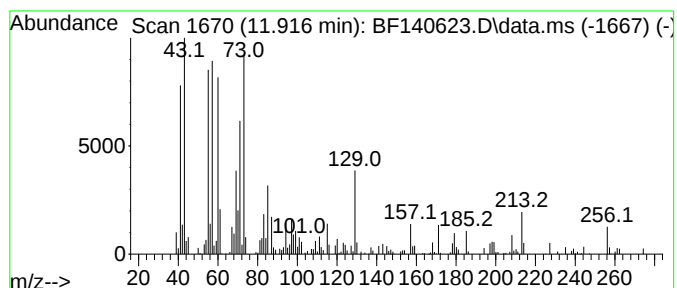
Instrument :
BNA_F
ClientSampleId :
AU-05-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	6.63 ng	168603	Phenanthrene-d10		11.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	76
3	n-Decanoic acid		172	C10H20O2	000334-48-5	64
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	58
5	Nonanoic acid		158	C9H18O2	000112-05-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

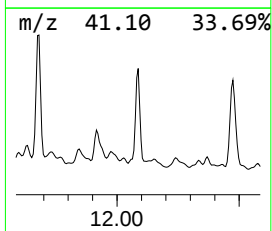
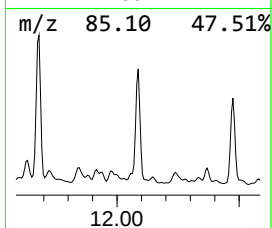
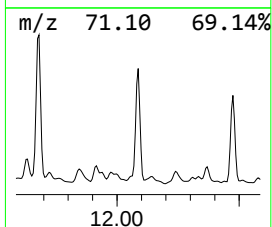
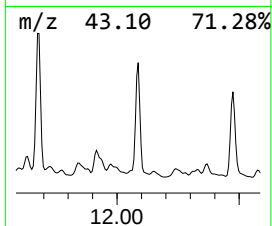
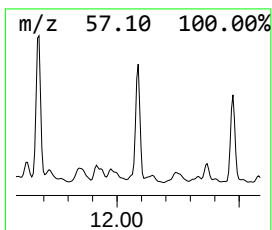
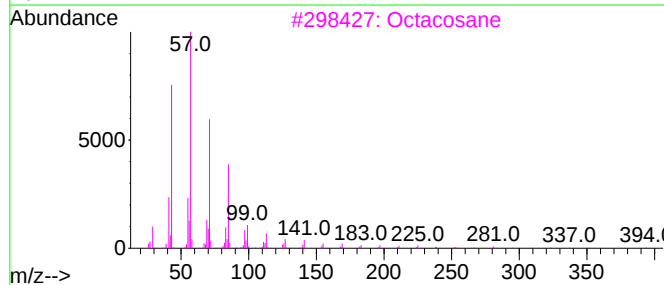
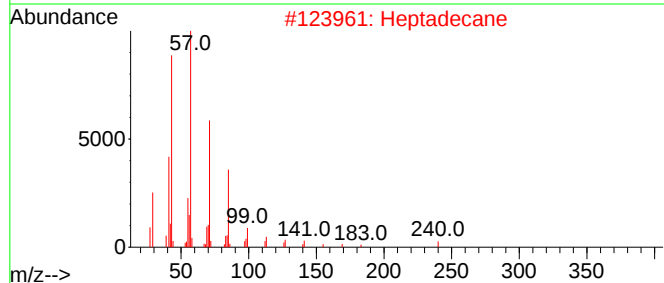
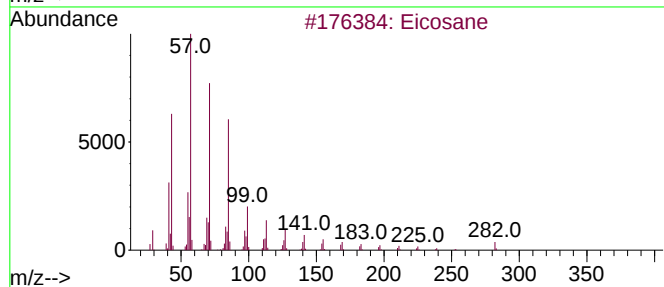
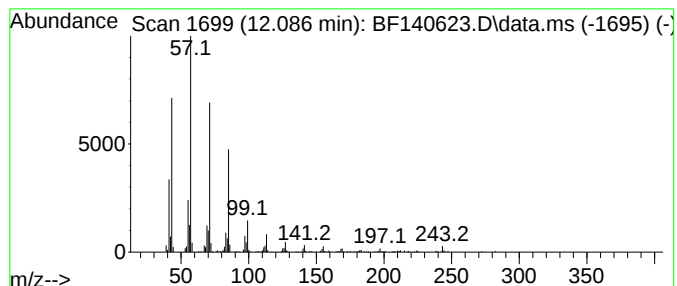
Instrument :
BNA_F
ClientSampleId :
AU-05-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.086	10.73 ng	273078	Phenanthrene-d10		11.398	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Heptadecane		240	C17H36	000629-78-7	94
3	Octacosane		394	C28H58	000630-02-4	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Hexacosane		366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

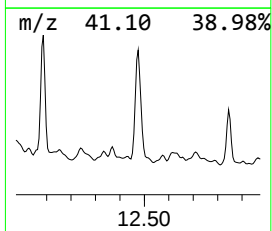
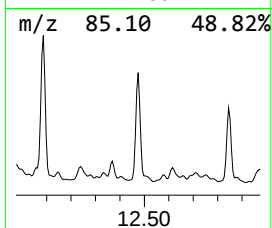
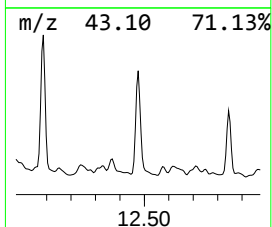
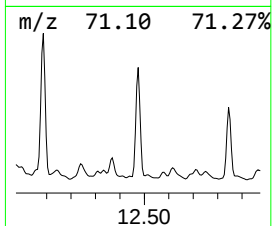
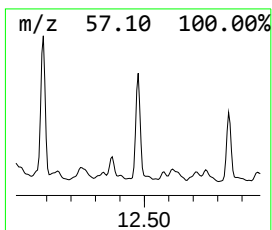
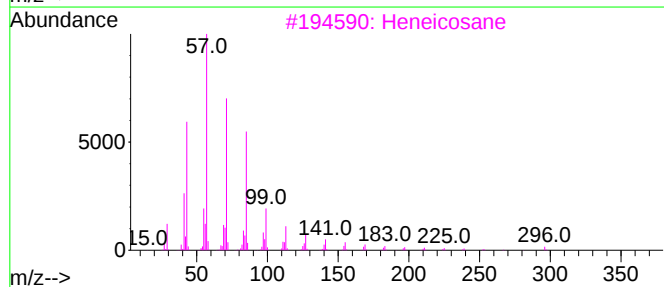
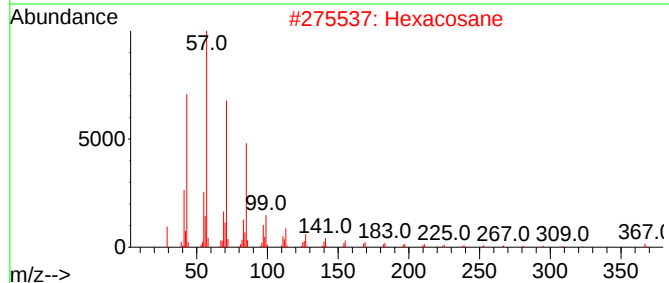
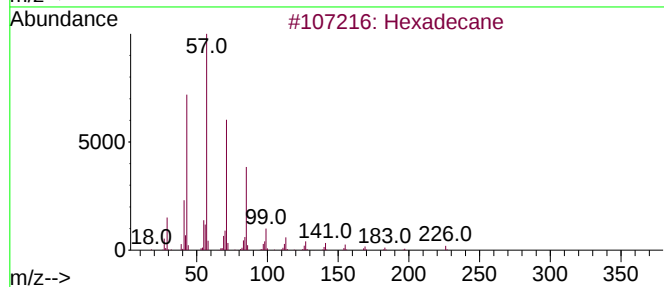
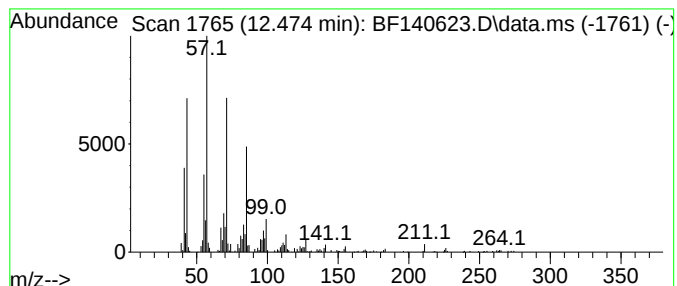
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	16.32 ng	415325	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	91
5			Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140623.D
Acq On : 26 Nov 2024 00:14
Operator : RC/JU
Sample : P4951-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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
unknown8.439	8.439	6.5	ng	190564	2	8.151	583482	20.0
Naphthalene, 1,...	8.651	8.5	ng	248801	2	8.151	583482	20.0
Tridecane	8.734	15.0	ng	436824	2	8.151	583482	20.0
Naphthalene, 1,...	8.969	7.7	ng	223295	2	8.151	583482	20.0
Dodecane, 2,6,1...	9.163	11.0	ng	253070	3	9.904	461886	20.0
Tetradecane	9.298	26.8	ng	618008	3	9.904	461886	20.0
Naphthalene, 1,...	9.557	15.8	ng	365005	3	9.904	461886	20.0
Sulfurous acid,...	9.616	22.3	ng	514341	3	9.904	461886	20.0
Nonadecane	9.828	24.9	ng	573788	3	9.904	461886	20.0
Naphthalene, 2,...	10.151	8.2	ng	189191	3	9.904	461886	20.0
Hexadecane	10.328	27.7	ng	639472	3	9.904	461886	20.0
Heptacosane	10.545	15.6	ng	360931	3	9.904	461886	20.0
Benzophenone	10.616	12.5	ng	288091	3	9.904	461886	20.0
Heneicosane	10.804	33.9	ng	863667	4	11.398	508885	20.0
Heptadecane	11.251	18.6	ng	472314	4	11.398	508885	20.0
Hexadecane, 2,6...	11.280	10.3	ng	261913	4	11.398	508885	20.0
Octadecane	11.680	13.6	ng	346074	4	11.398	508885	20.0
n-Hexadecanoic ...	11.916	6.6	ng	168603	4	11.398	508885	20.0
Eicosane	12.086	10.7	ng	273078	4	11.398	508885	20.0
Hexacosane	12.475	16.3	ng	415325	4	11.398	508885	20.0