

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140476.D
 Acq On : 19 Nov 2024 16:24
 Operator : RC/JU
 Sample : P4869-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-11152024

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-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140476.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	17	rVB	299373	456754	7.82%	0.972%
2	5.498	566	579	588	rBV	457984	643852	11.02%	1.371%
3	6.504	746	750	764	rVB	474296	666186	11.40%	1.418%
4	6.698	779	783	791	rVB2	62476	94423	1.62%	0.201%
5	6.869	807	812	819	rVV	827674	1080276	18.49%	2.300%
6	7.016	833	837	840	rBV2	47858	61184	1.05%	0.130%
7	7.140	852	858	862	rBV2	85081	124321	2.13%	0.265%
8	7.187	862	866	873	rVB3	88054	174781	2.99%	0.372%
9	7.263	873	879	882	rBV2	85140	143396	2.45%	0.305%
10	7.404	898	903	904	rBV2	122249	168295	2.88%	0.358%
11	7.428	904	907	911	rVB	268589	338261	5.79%	0.720%
12	7.516	916	922	925	rBV4	108246	171783	2.94%	0.366%
13	7.557	925	929	931	rBV2	50778	82616	1.41%	0.176%
14	7.639	940	943	945	rBV3	57332	71544	1.22%	0.152%
15	7.669	945	948	957	rVB2	148372	255711	4.38%	0.544%
16	7.769	957	965	967	rBV4	120662	256109	4.38%	0.545%
17	7.828	972	975	978	rVB3	97970	128049	2.19%	0.273%
18	7.892	983	986	992	rVB5	155159	243285	4.16%	0.518%
19	8.022	1005	1008	1011	rVB2	64172	66283	1.13%	0.141%
20	8.151	1016	1030	1036	rBV	1106360	2324402	39.79%	4.949%
21	8.204	1036	1039	1042	rVB2	283293	344381	5.90%	0.733%
22	8.239	1042	1045	1052	rVB4	114069	173574	2.97%	0.370%
23	8.322	1052	1059	1060	rBV3	89494	172376	2.95%	0.367%
24	8.351	1061	1064	1067	rVB2	139356	163825	2.80%	0.349%
25	8.398	1069	1072	1074	rBV3	48651	61700	1.06%	0.131%
26	8.439	1074	1079	1084	rBV6	257319	381753	6.54%	0.813%
27	8.492	1085	1088	1091	rBV3	92455	118284	2.02%	0.252%
28	8.534	1091	1095	1097	rBV3	134356	171470	2.94%	0.365%
29	8.569	1097	1101	1104	rBV	263547	330354	5.66%	0.703%
30	8.651	1112	1115	1119	rBV	313355	417202	7.14%	0.888%
31	8.739	1126	1130	1134	rBV2	343655	450752	7.72%	0.960%
32	8.863	1148	1151	1155	rVB	318264	355153	6.08%	0.756%
33	8.969	1164	1169	1175	rBV3	396648	649672	11.12%	1.383%
34	9.098	1187	1191	1196	rVB2	160124	240311	4.11%	0.512%
35	9.139	1196	1198	1199	rBV2	82095	70961	1.21%	0.151%
36	9.169	1199	1203	1208	rVB2	375515	496041	8.49%	1.056%

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Filtering: 5

Sampling : 1

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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-BF111324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.222	1208	1212	1217	rVB	595035	738177	12.64%	1.572%
38	9.304	1221	1226	1230	rBV	565522	804780	13.78%	1.713%
39	9.375	1235	1238	1241	rVB	195665	229554	3.93%	0.489%
40	9.492	1253	1258	1262	rVB2	371312	560451	9.59%	1.193%
41	9.563	1263	1270	1273	rBV3	502465	960959	16.45%	2.046%
42	9.622	1276	1280	1284	rVV3	632745	1031381	17.66%	2.196%
43	9.681	1287	1290	1295	rVB2	259984	338799	5.80%	0.721%
44	9.769	1302	1305	1309	rBV4	147024	190788	3.27%	0.406%
45	9.833	1312	1316	1320	rVB	493327	644959	11.04%	1.373%
46	9.910	1324	1329	1332	rVB	896189	1242731	21.27%	2.646%
47	10.010	1342	1346	1350	rVB2	223156	295114	5.05%	0.628%
48	10.063	1351	1355	1357	rBV4	154247	239313	4.10%	0.509%
49	10.151	1367	1370	1379	rVB5	399444	753352	12.90%	1.604%
50	10.228	1379	1383	1385	rBV2	206721	307182	5.26%	0.654%
51	10.333	1394	1401	1404	rBV2	624374	975379	16.70%	2.077%
52	10.551	1434	1438	1444	rVB	541561	858257	14.69%	1.827%
53	10.669	1456	1458	1460	rBV3	96254	102787	1.76%	0.219%
54	10.698	1460	1463	1467	rVB3	192794	216498	3.71%	0.461%
55	10.816	1477	1483	1490	rVB	961053	1714634	29.35%	3.650%
56	10.998	1511	1514	1517	rBV2	122351	177225	3.03%	0.377%
57	11.033	1517	1520	1523	rVB4	171178	204080	3.49%	0.434%
58	11.257	1554	1558	1560	rBV	411297	575404	9.85%	1.225%
59	11.286	1560	1563	1569	rVB	488425	696458	11.92%	1.483%
60	11.398	1577	1582	1596	rBV2	890384	1524676	26.10%	3.246%
61	11.633	1619	1622	1626	rBV	122149	149628	2.56%	0.319%
62	11.680	1626	1630	1633	rBV	342128	414937	7.10%	0.883%
63	11.786	1643	1648	1654	rVB	1823213	2333991	39.96%	4.969%
64	11.922	1667	1671	1678	rVB2	479976	703251	12.04%	1.497%
65	12.086	1696	1699	1705	rVB	264873	333570	5.71%	0.710%
66	12.374	1745	1748	1756	rVB3	89300	145471	2.49%	0.310%
67	12.474	1759	1765	1767	rBV	3873567	5841414	100.00%	12.436%
68	12.574	1778	1782	1786	rBV	828733	1008591	17.27%	2.147%
69	12.639	1786	1793	1802	rVV4	1726328	4040026	69.16%	8.601%
70	12.710	1802	1805	1817	rVB	278777	551146	9.44%	1.173%
71	12.851	1825	1829	1834	rVB3	207760	315571	5.40%	0.672%
72	12.980	1847	1851	1856	rVB	422952	508762	8.71%	1.083%
73	13.210	1887	1890	1898	rVB5	121009	237416	4.06%	0.505%
74	13.551	1945	1948	1953	rVB	711195	88614	1.52%	0.189%
75	14.039	2026	2031	2043	rBV	671881	987499	16.91%	2.102%
76	14.504	2107	2110	2115	rBV	69142	116446	1.99%	0.248%

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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-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.945	2180	2185	2197	rVB	350278	676531	11.58%	1.440%
78	15.151	2217	2220	2229	rVB	174571	258357	4.42%	0.550%
79	15.527	2279	2284	2293	rVB	451607	727608	12.46%	1.549%

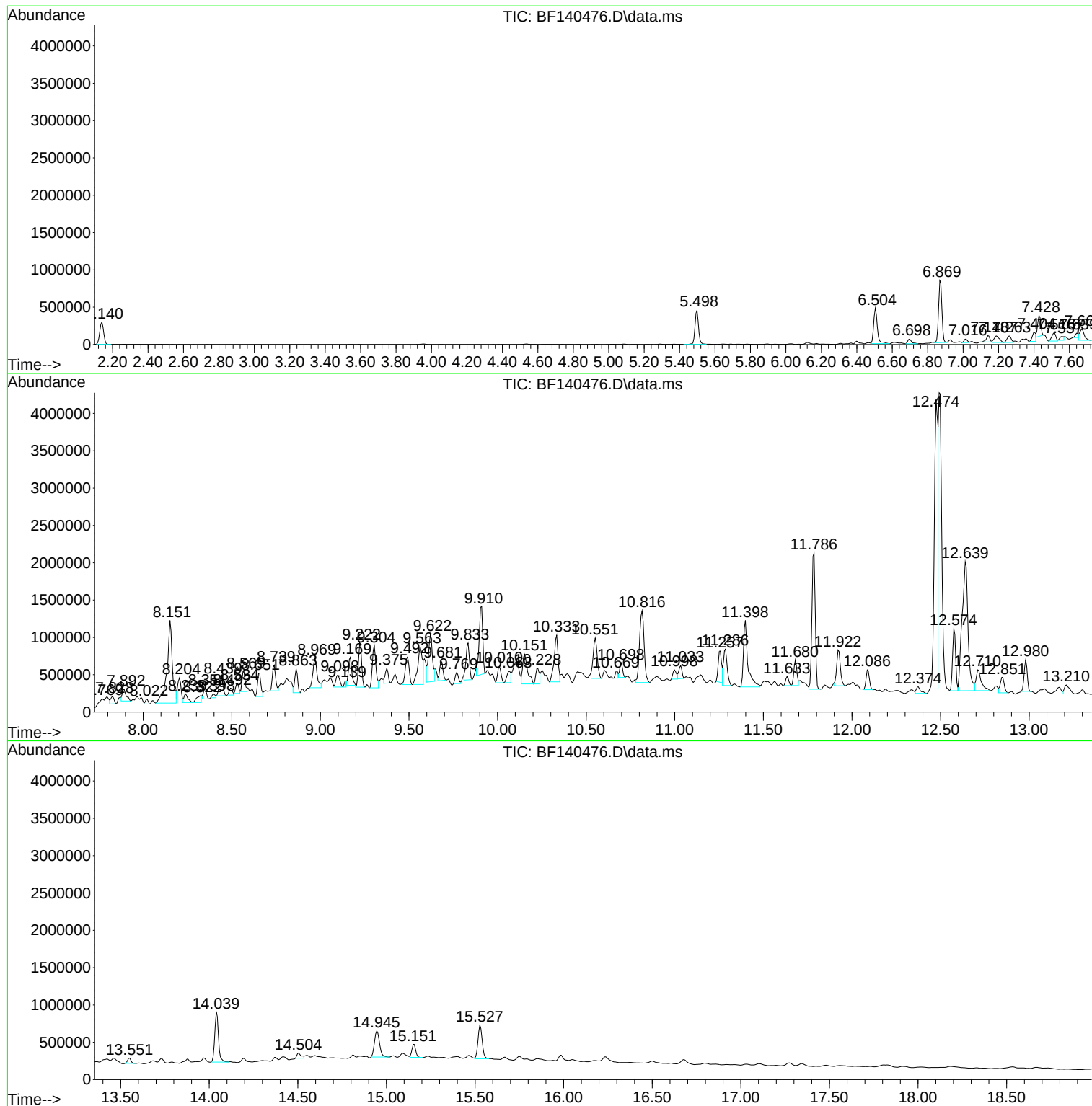
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : P4869-01 5X
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Instrument :
BNA_F
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EO-02-11152024

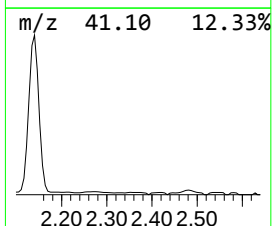
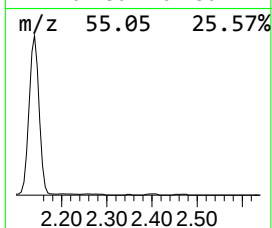
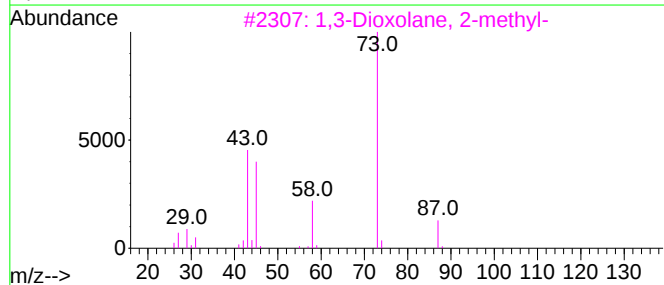
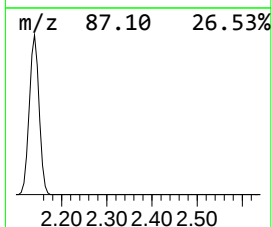
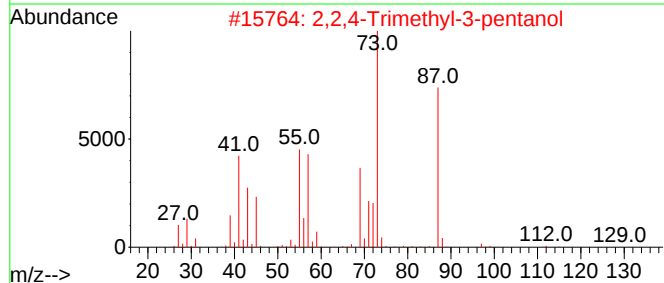
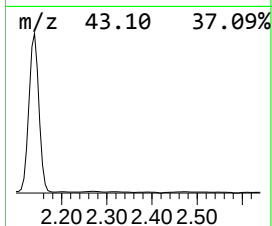
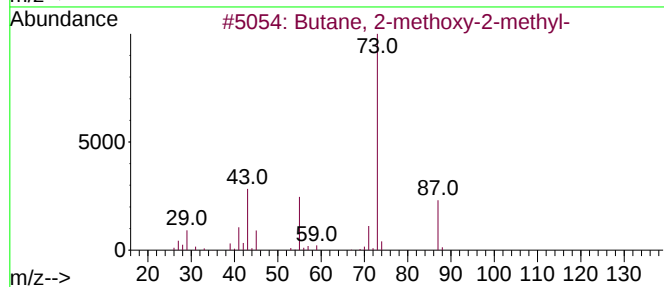
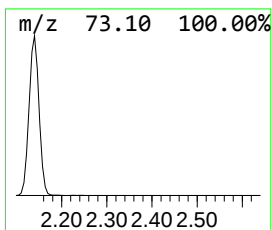
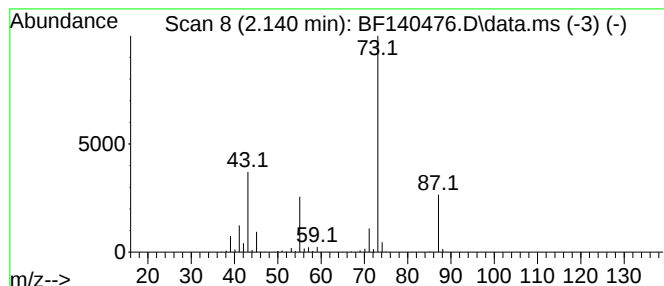
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	8.46 ng	456754	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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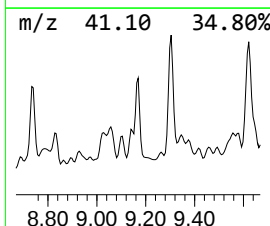
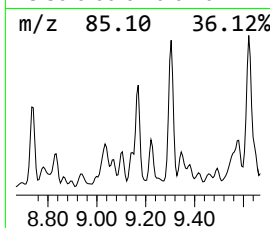
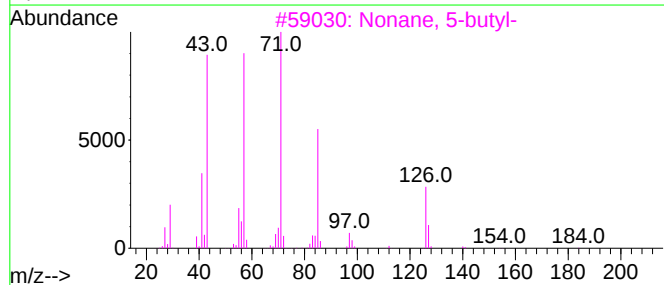
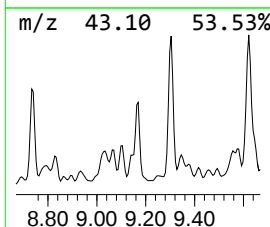
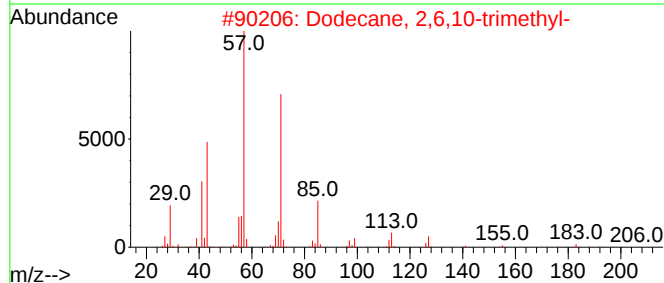
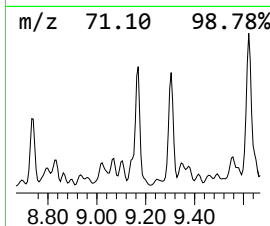
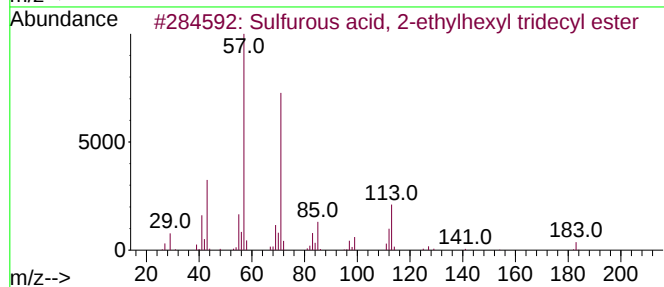
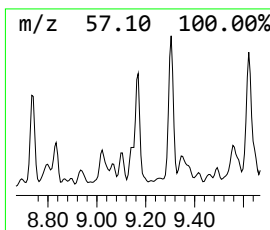
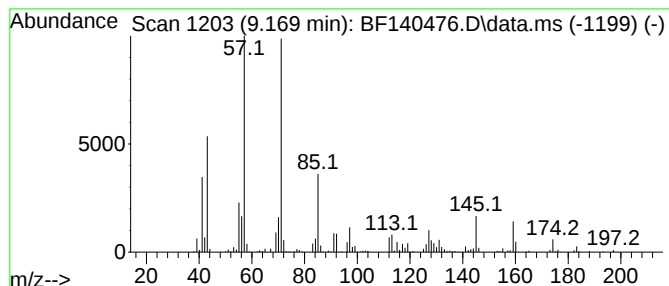
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, 2-ethylhexy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	7.98 ng	496041	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	53
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	50
4			Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	50
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	49



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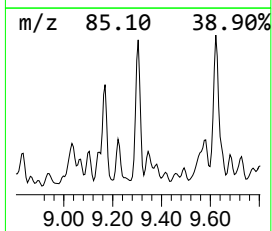
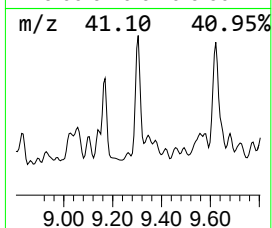
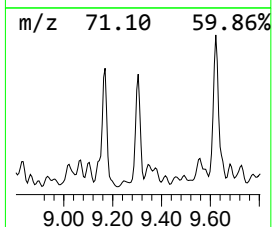
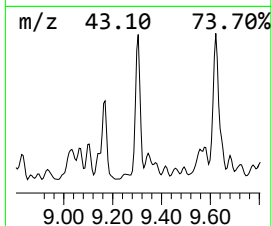
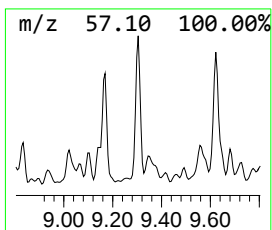
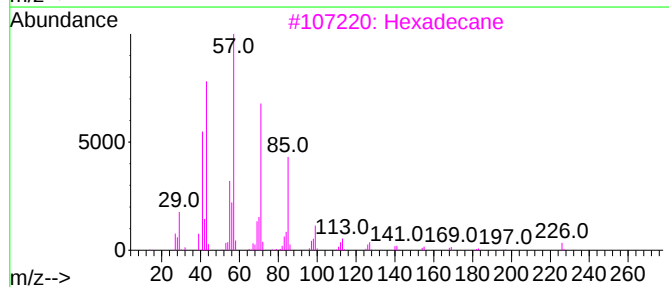
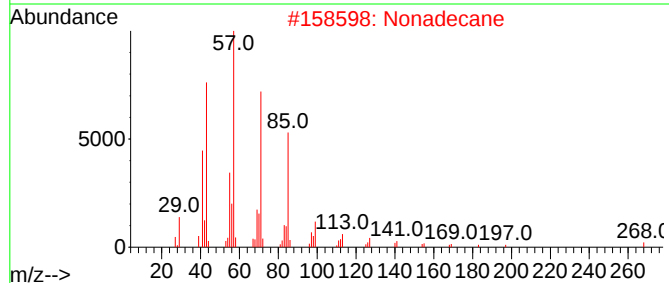
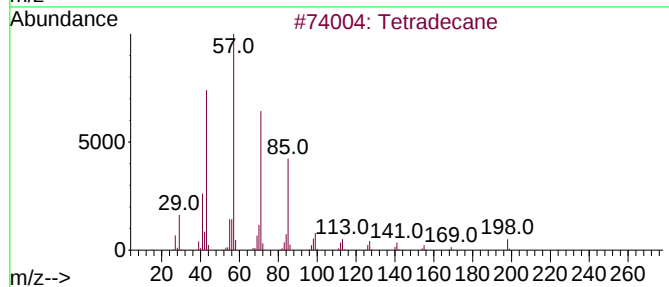
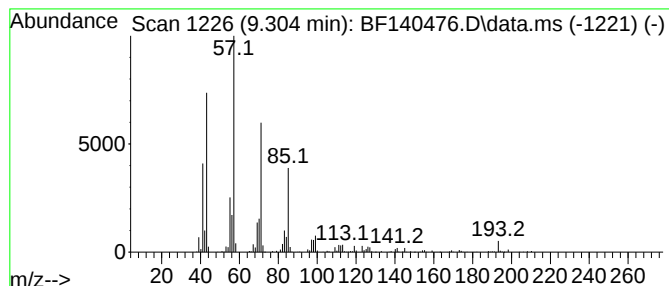
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	12.95 ng	804780	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			10-Methylnonadecane	282	C20H42	056862-62-5	87
5			Tridecane	184	C13H28	000629-50-5	86



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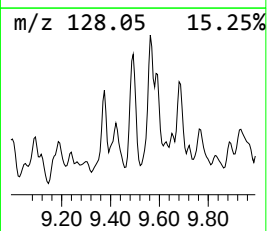
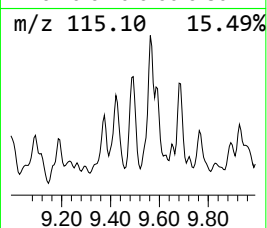
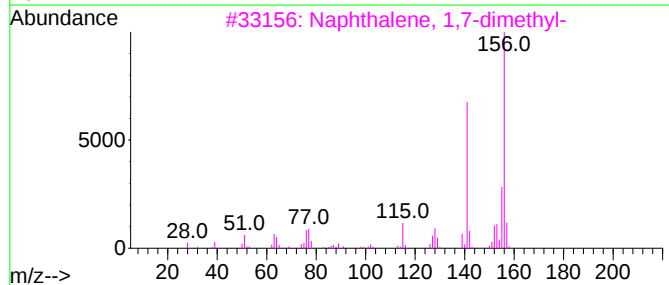
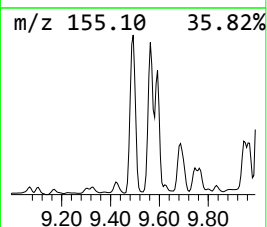
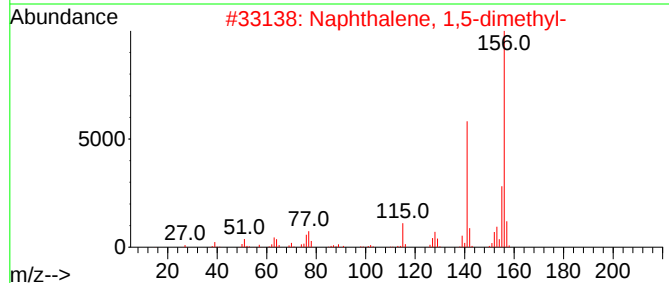
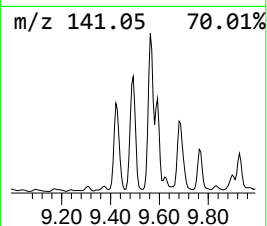
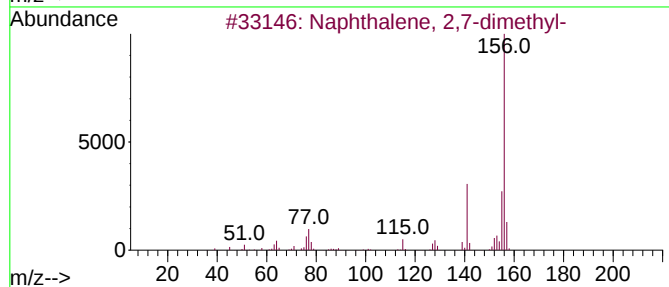
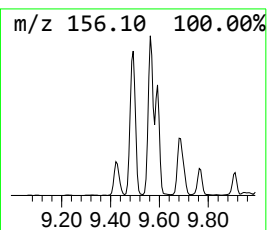
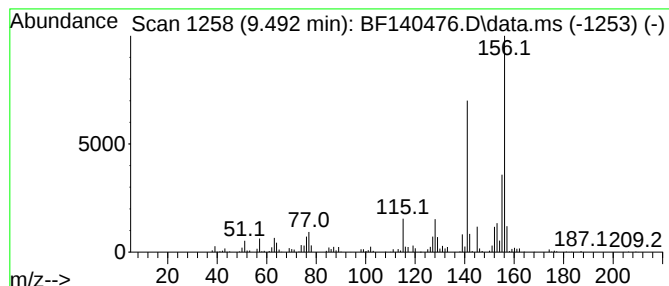
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	9.02 ng	560451	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

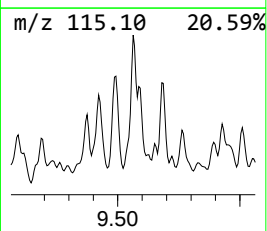
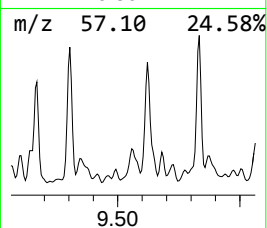
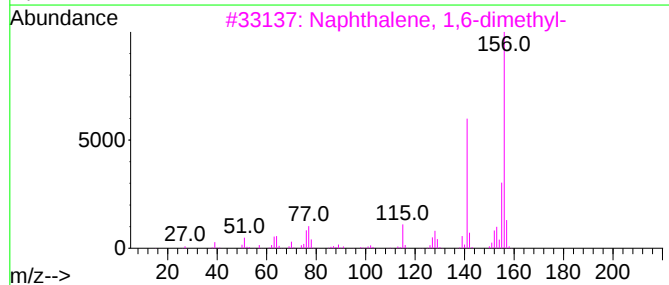
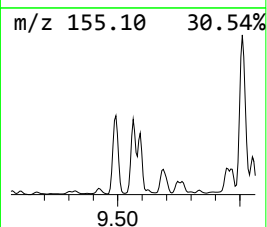
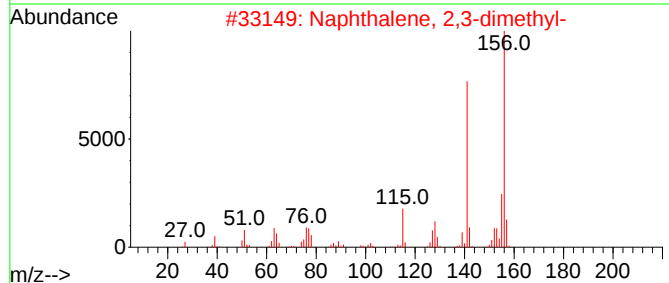
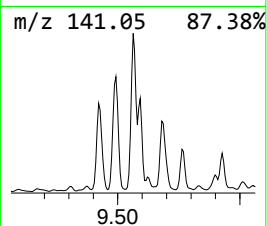
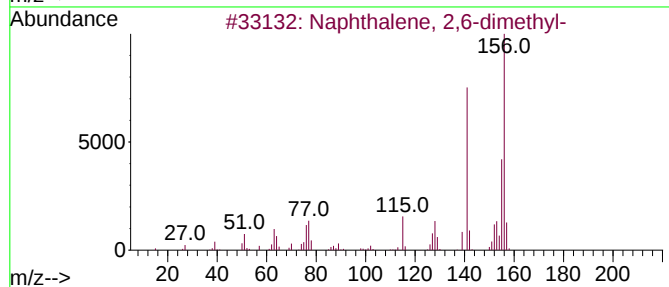
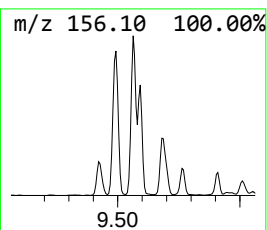
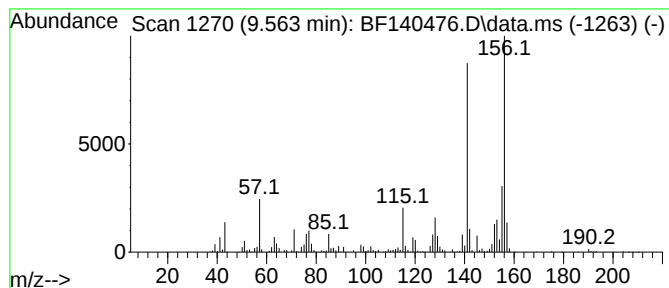
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	15.47 ng	960959	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

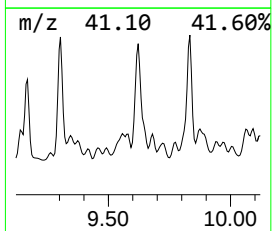
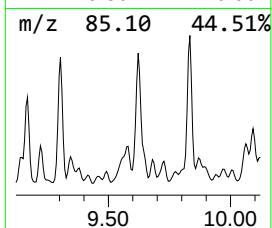
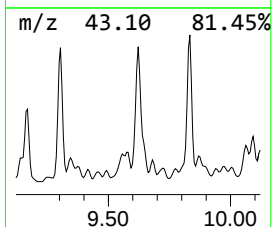
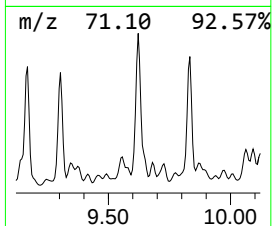
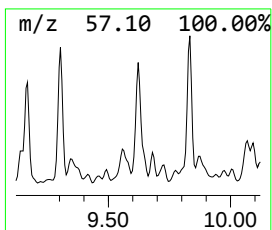
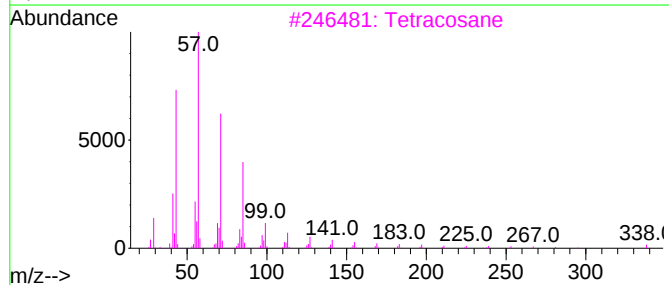
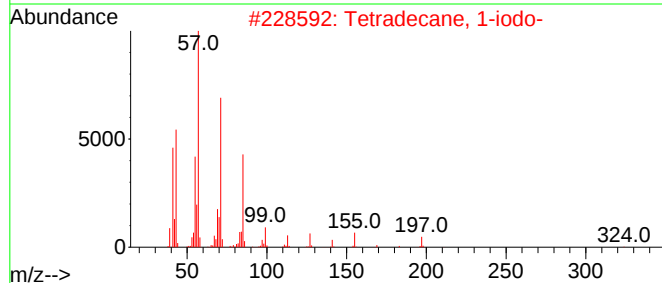
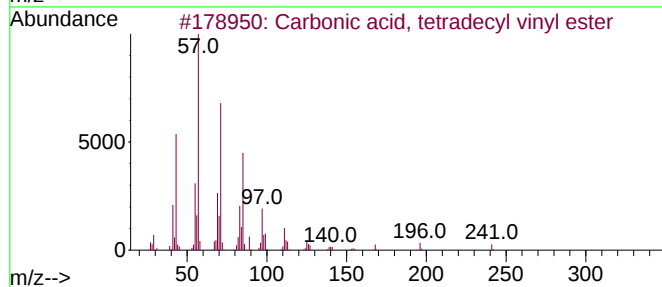
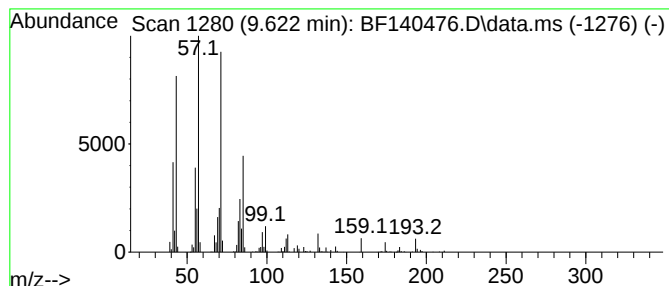
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, tetradecyl v... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	16.60 ng	1031380	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3			Tetracosane	338	C24H50	000646-31-1	64
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

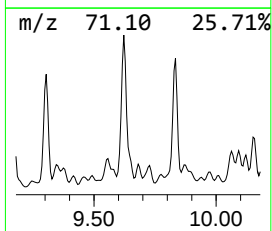
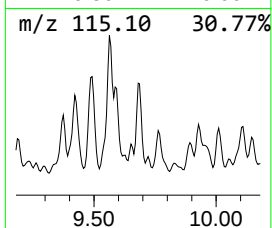
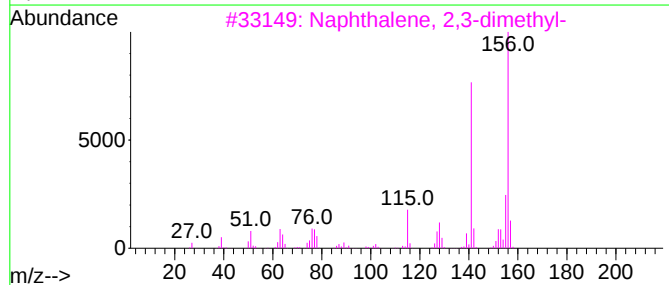
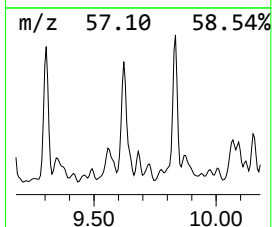
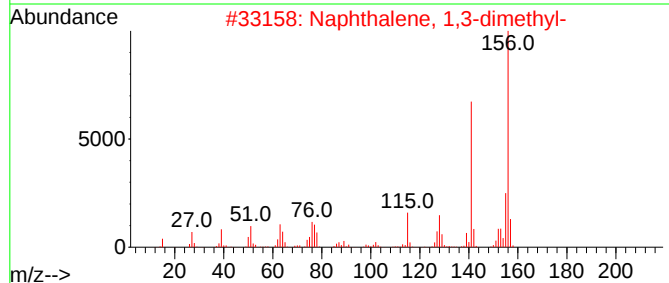
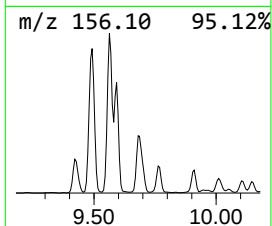
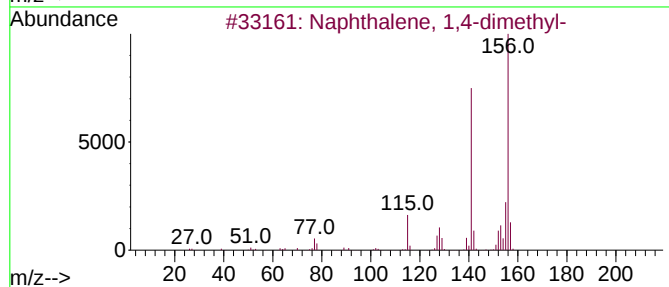
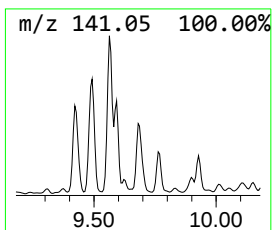
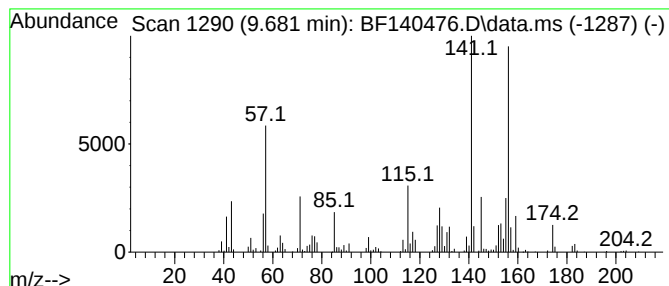
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	5.45 ng	338799	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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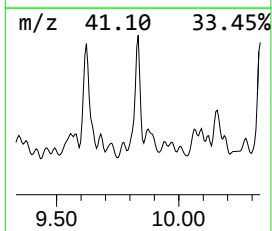
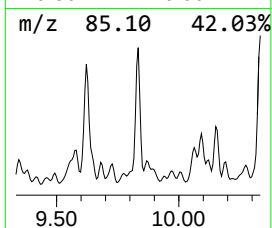
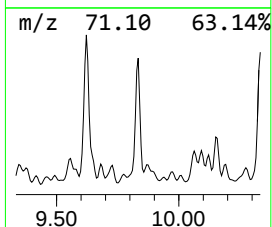
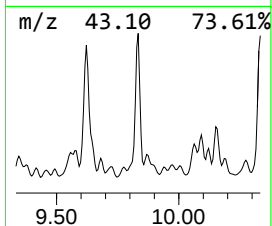
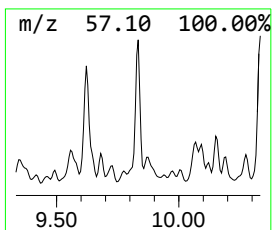
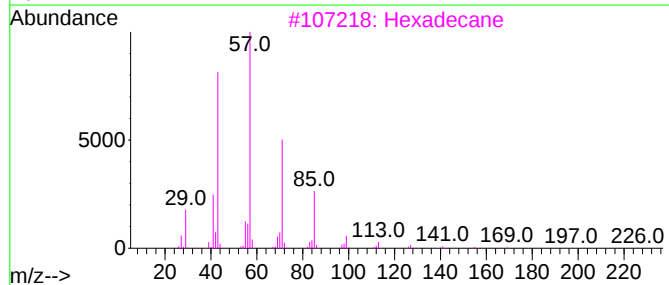
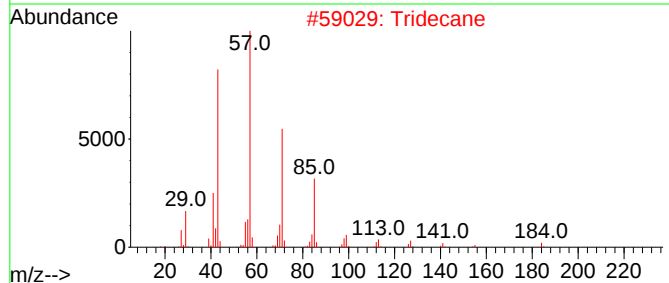
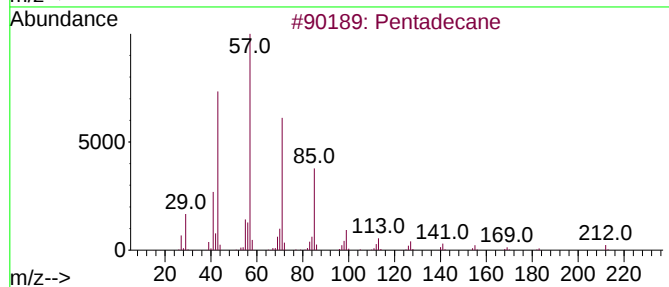
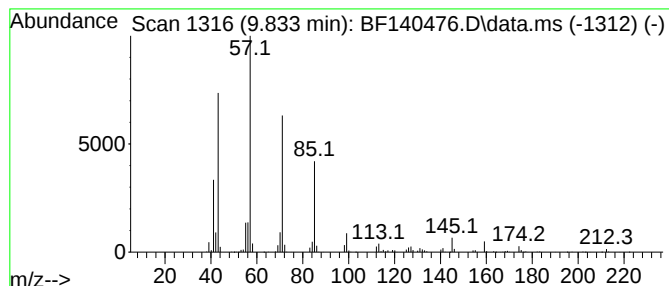
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	10.38 ng	644959	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Tridecane	184	C13H28	000629-50-5	64
3			Hexadecane	226	C16H34	000544-76-3	64
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5			3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

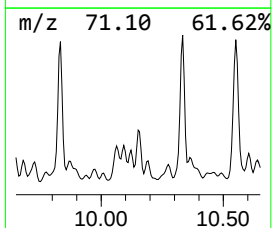
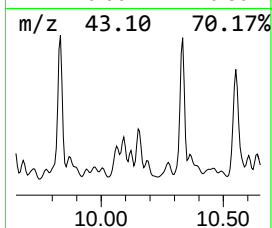
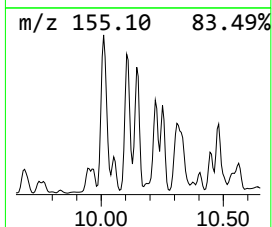
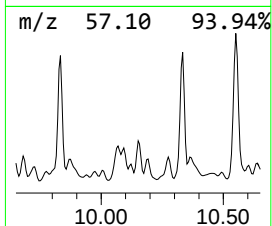
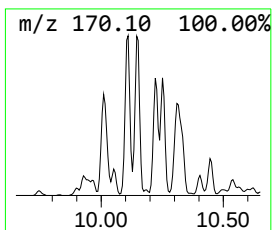
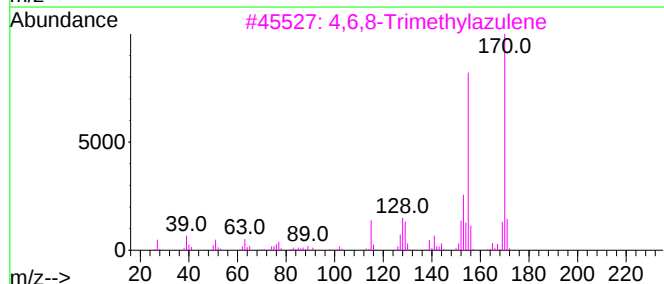
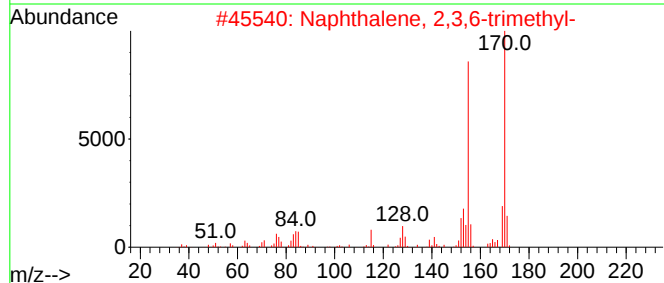
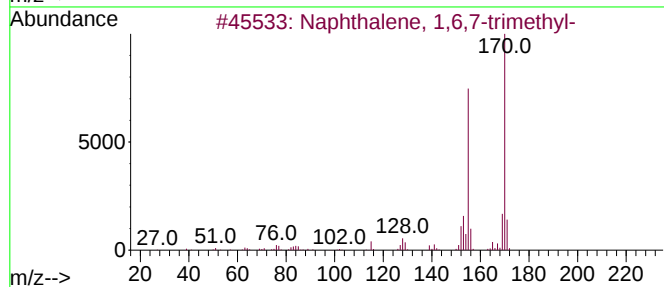
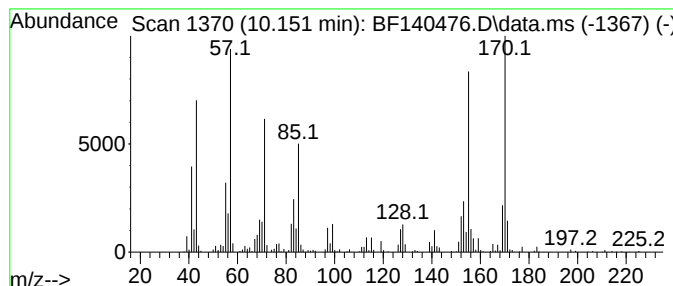
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EO-02-11152024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.151	12.12 ng	753352	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

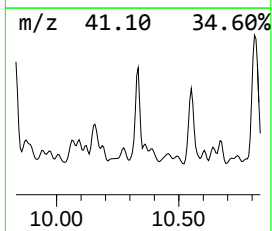
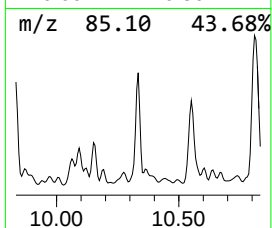
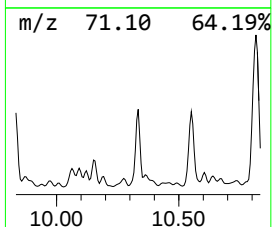
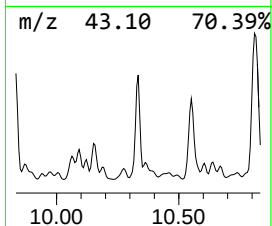
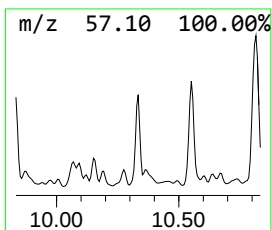
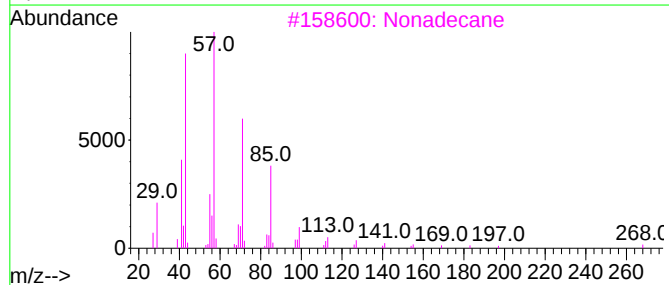
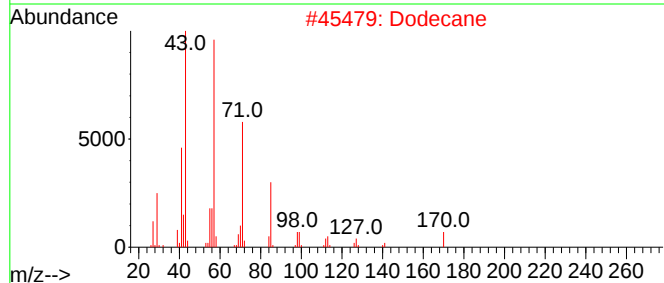
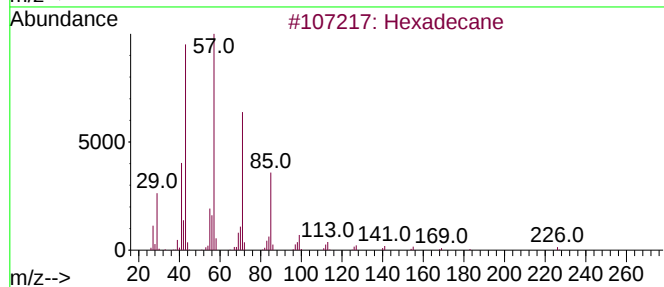
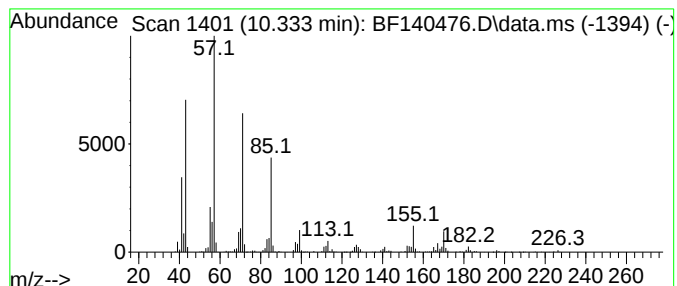
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	15.70 ng	975379	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Dodecane	170	C12H26	000112-40-3	83
3			Nonadecane	268	C19H40	000629-92-5	74
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

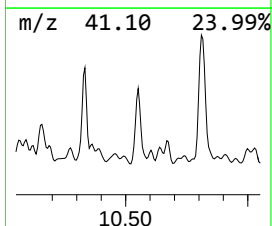
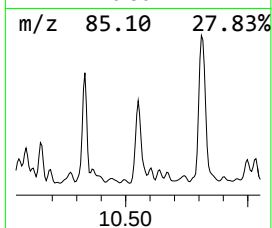
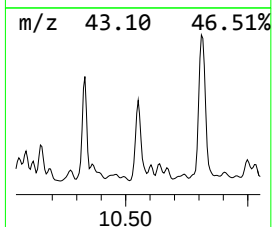
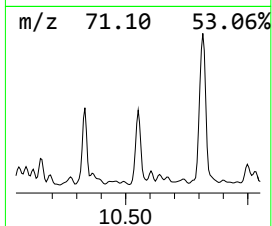
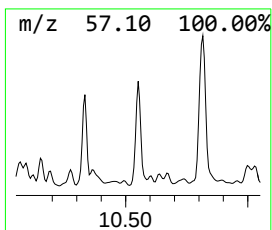
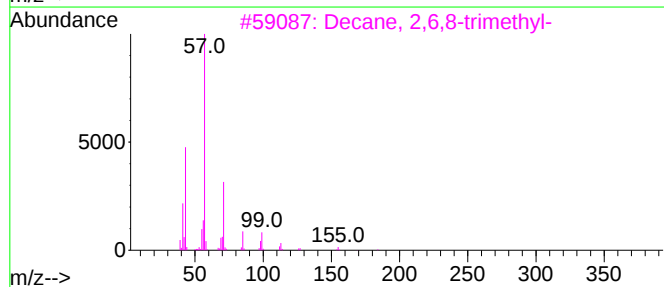
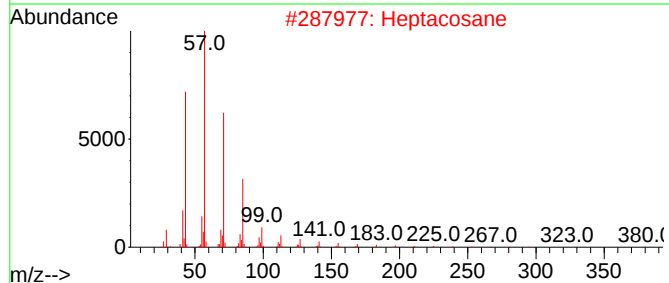
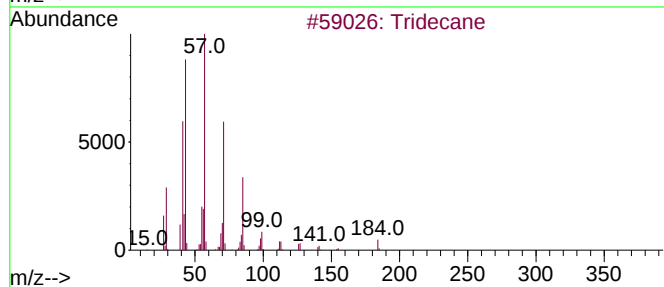
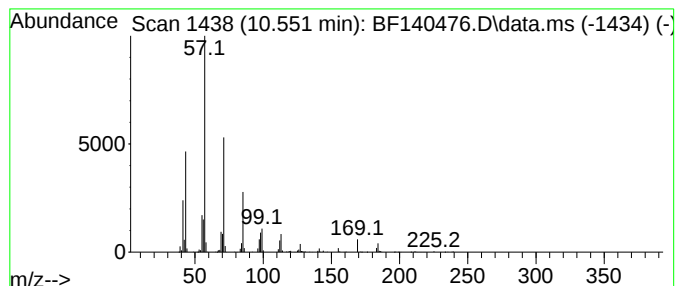
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	13.81 ng	858257	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	86
2		Heptacosane	380	C27H56	000593-49-7	80
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4		Tetracosane	338	C24H50	000646-31-1	72
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-11152024

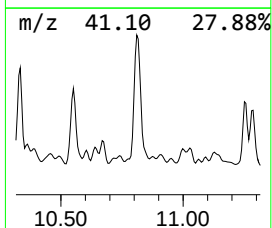
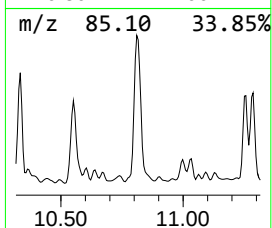
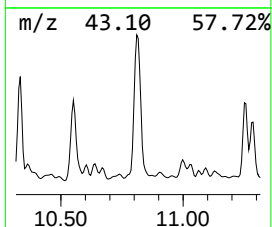
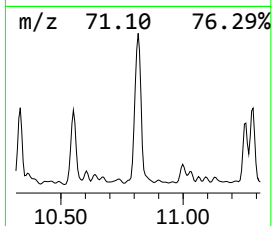
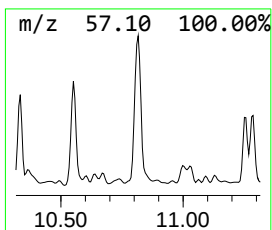
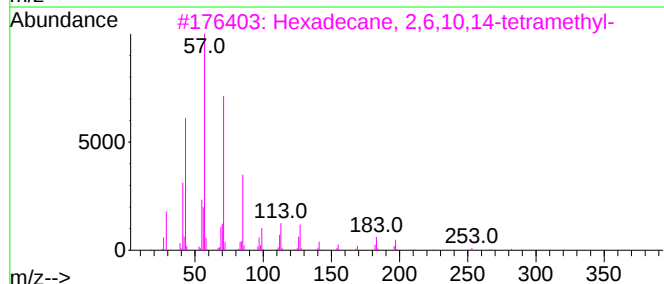
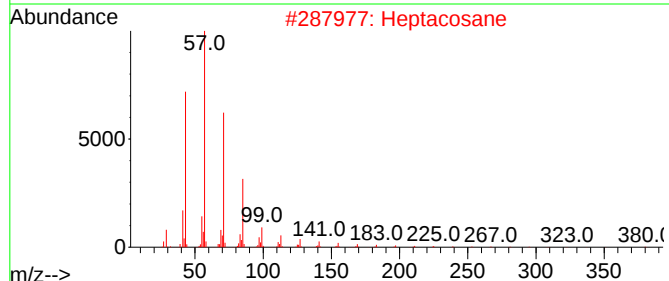
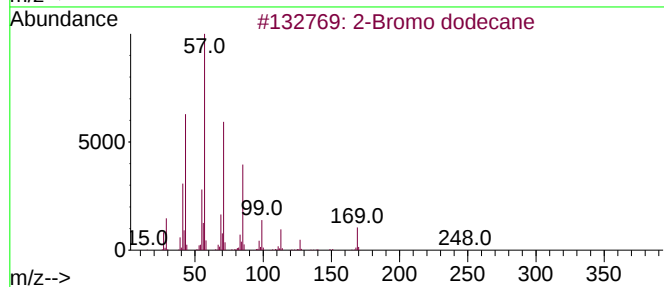
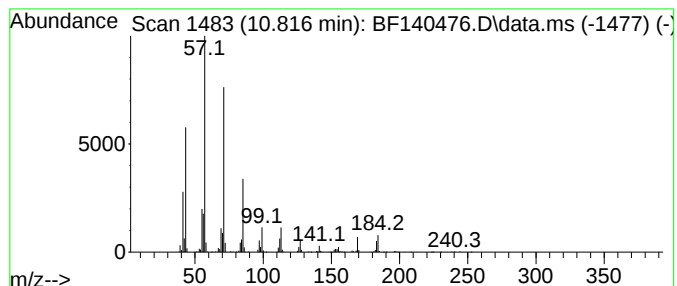
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	22.49 ng	1714630	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2			Heptacosane	380	C27H56	000593-49-7	87
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5			Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-11152024

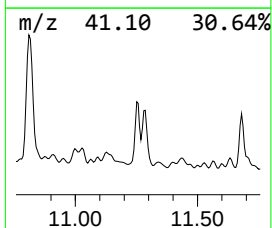
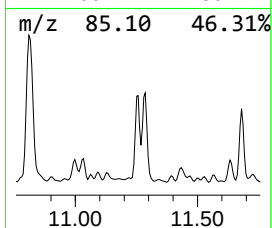
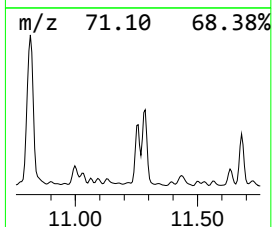
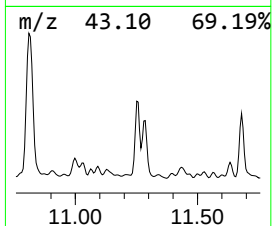
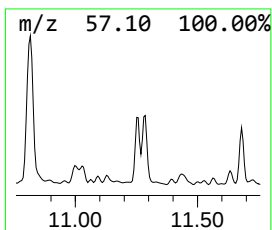
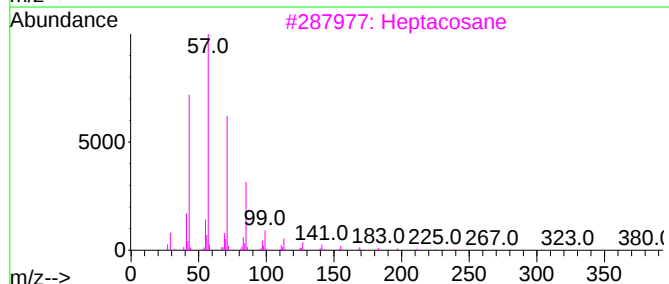
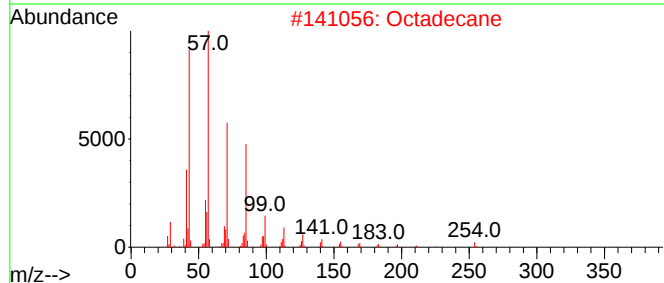
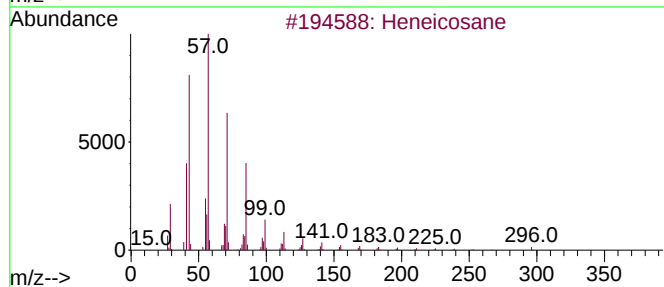
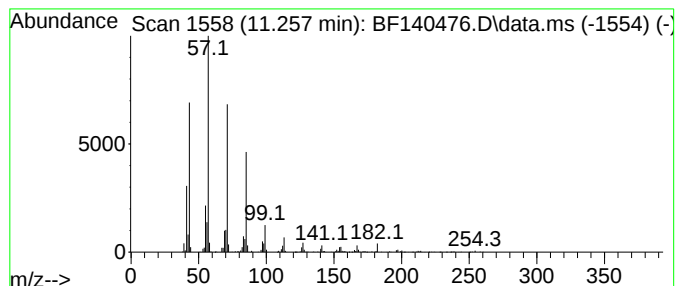
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	7.55 ng	575404	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Heptadecane	240	C17H36	000629-78-7	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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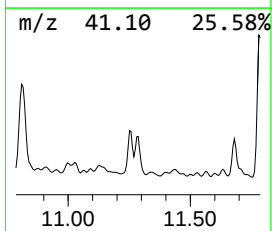
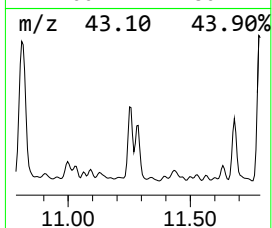
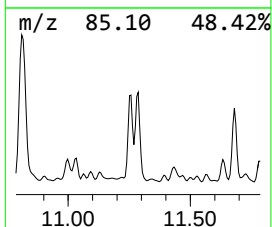
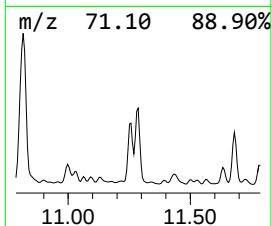
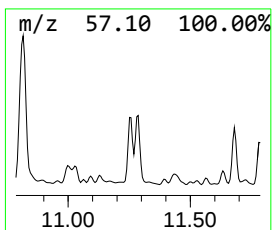
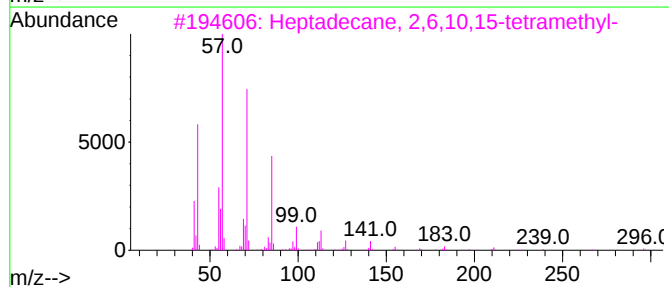
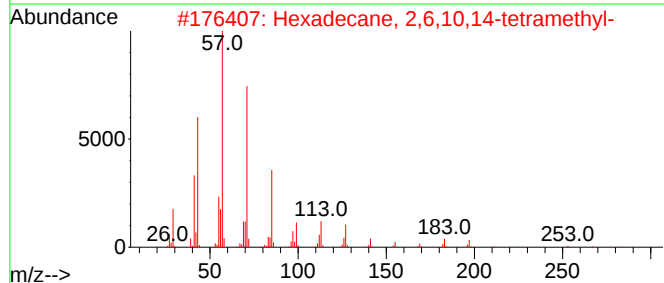
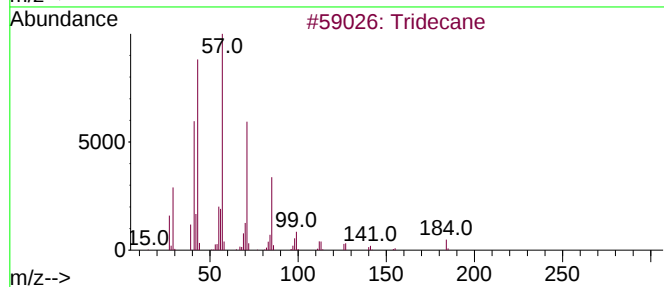
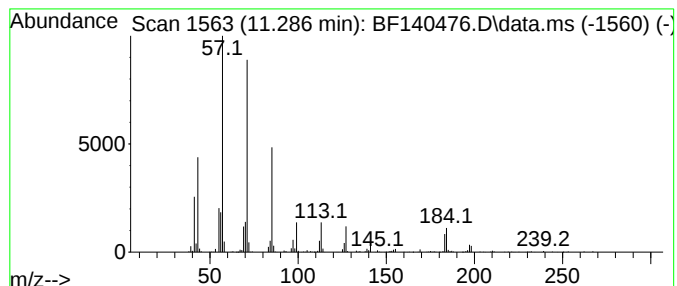
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	9.14 ng	696458	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	78
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
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Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

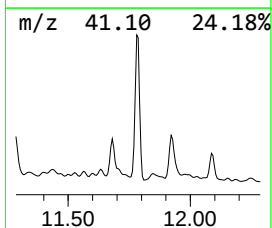
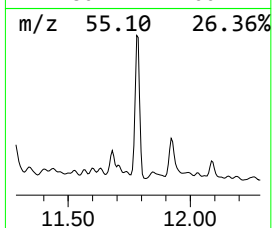
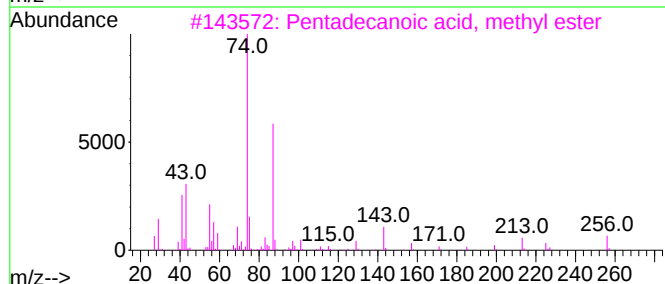
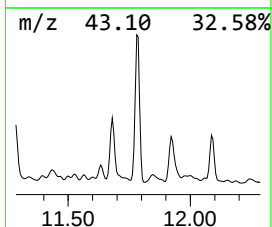
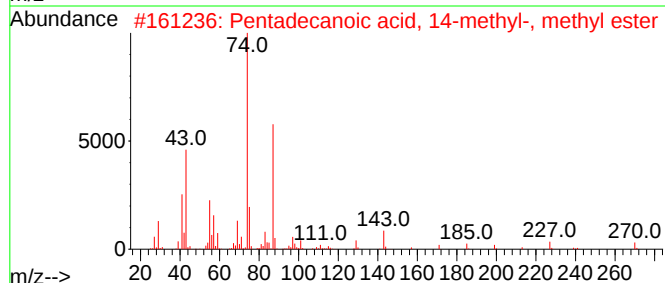
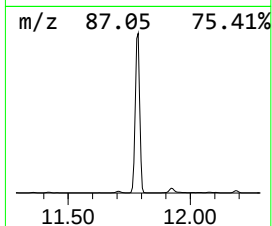
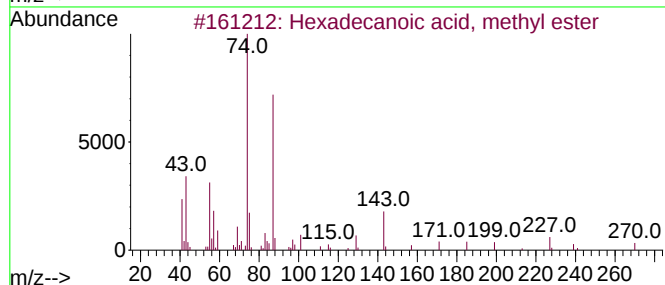
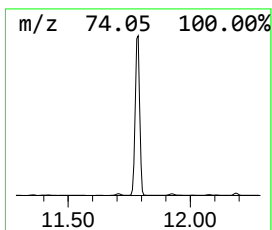
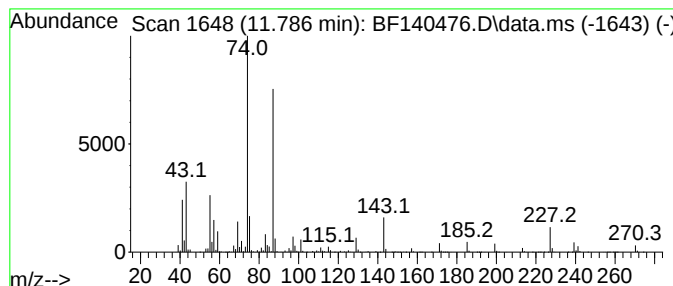
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.786	30.62 ng	2333990	Phenanthrene-d10	11.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-11152024

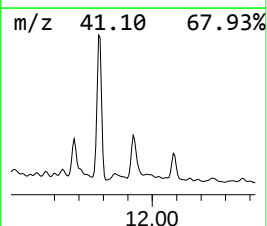
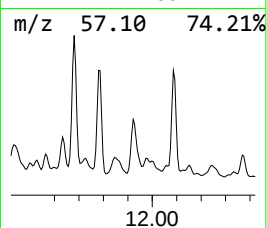
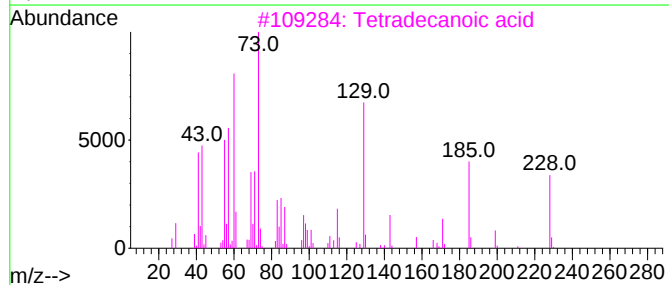
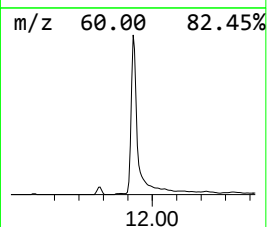
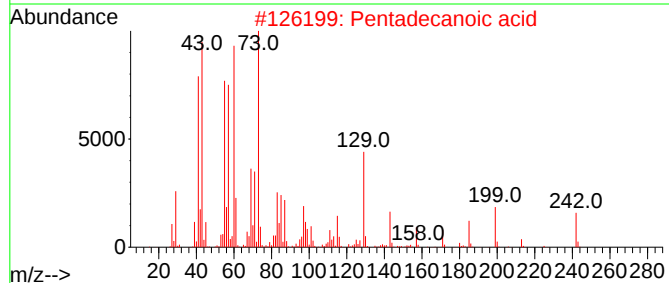
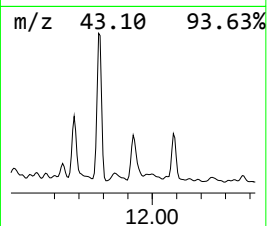
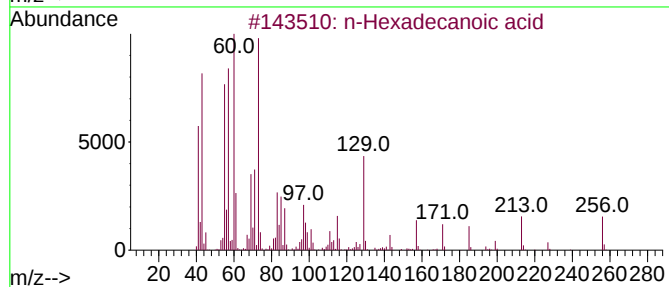
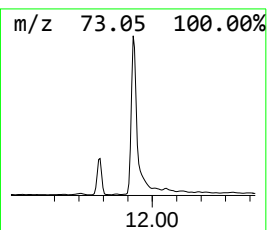
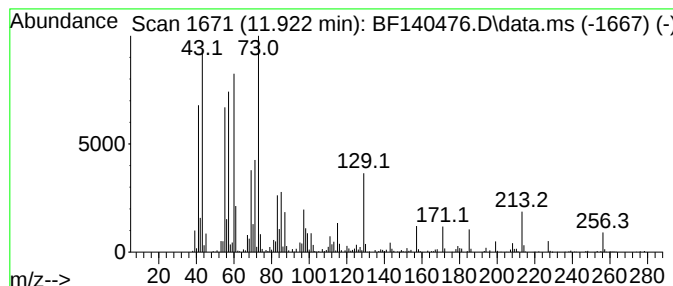
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	9.22 ng	703251	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

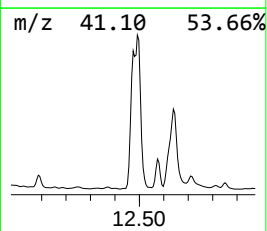
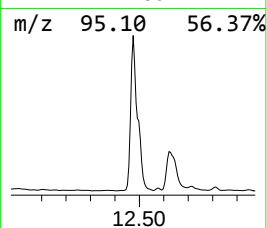
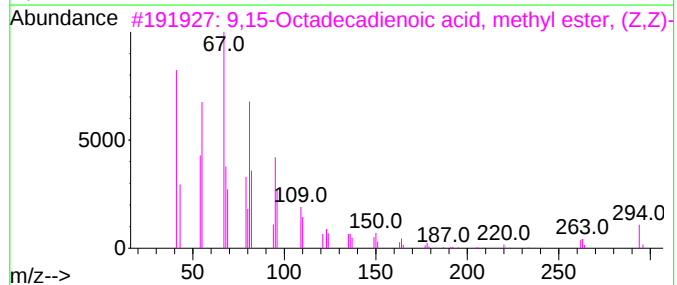
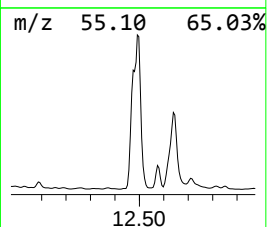
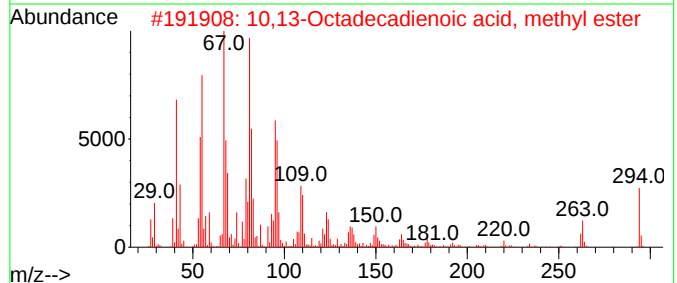
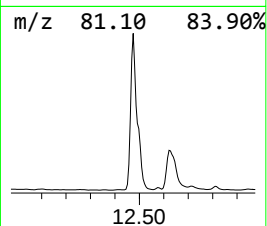
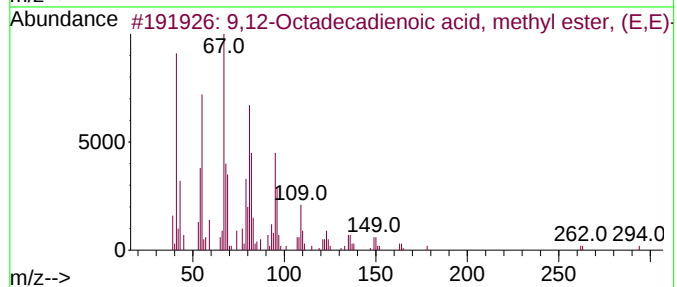
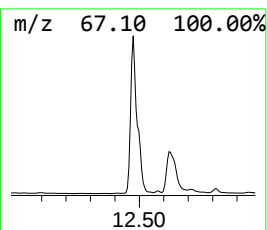
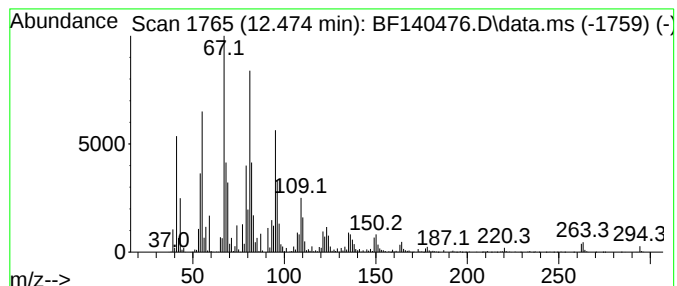
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EO-02-11152024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.475	76.63 ng	5841410	Phenanthrene-d10	11.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

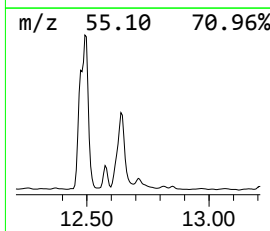
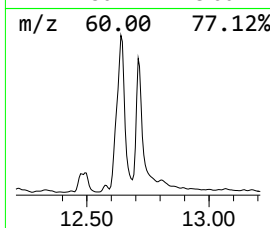
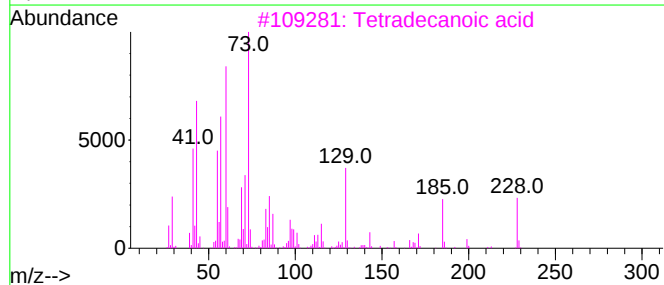
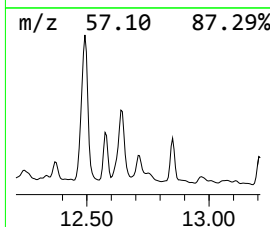
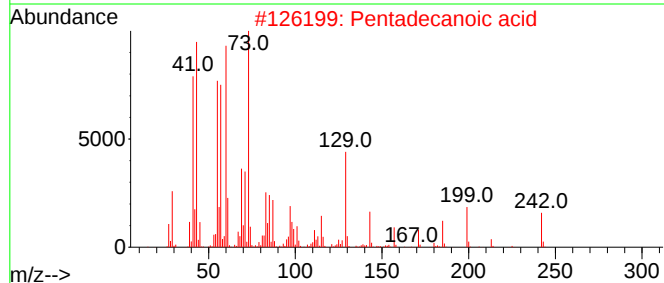
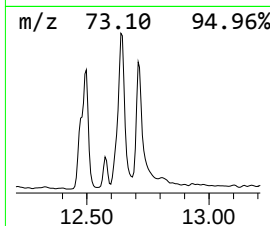
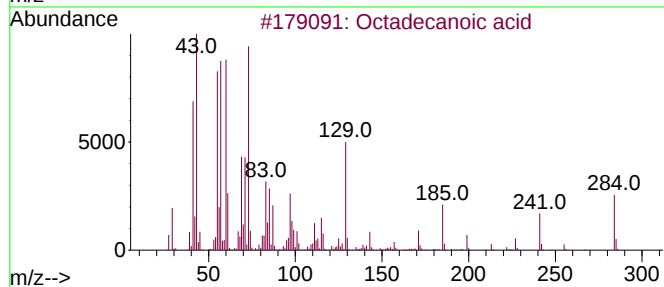
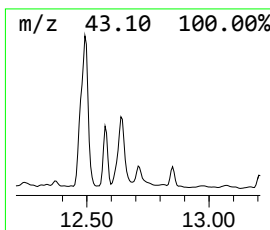
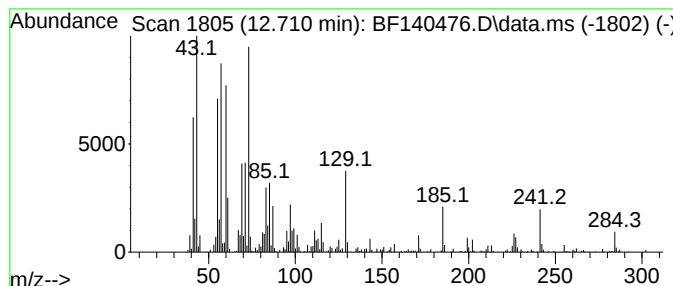
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	7.23 ng	551146	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	58
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

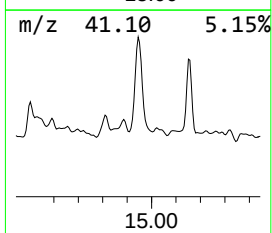
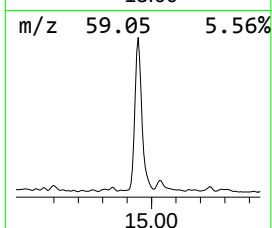
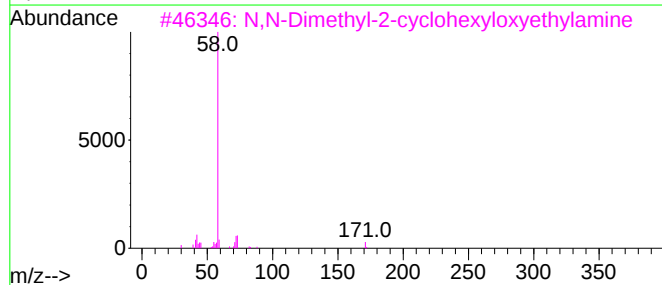
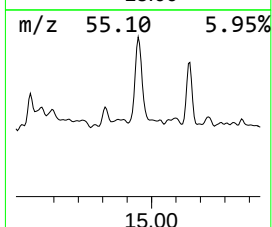
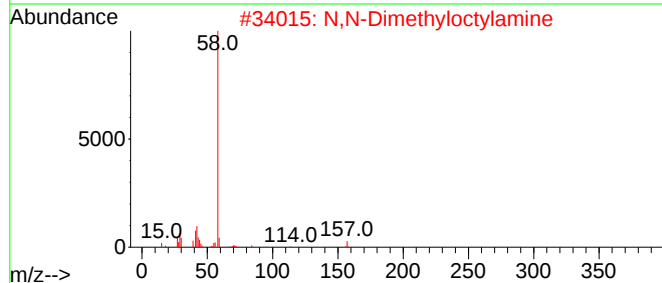
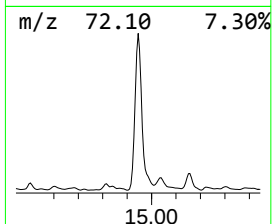
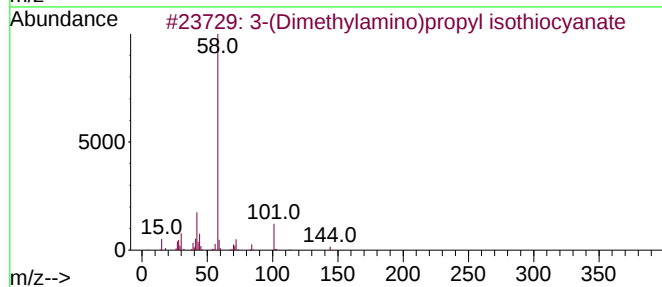
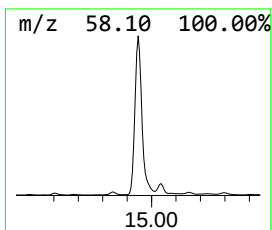
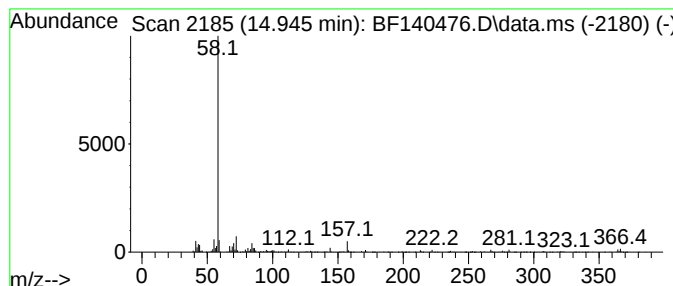
Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-(Dimethylamino)propyl iso... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.945	18.60 ng	676531	Perylene-d12	15.527		
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
3		N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64
4		Octadecylbenzyltrimethylammonium ...	423	C27H50ClN	000122-19-0	64
5		Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

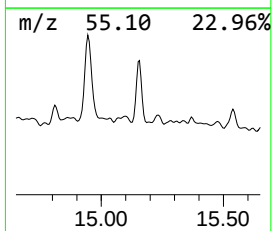
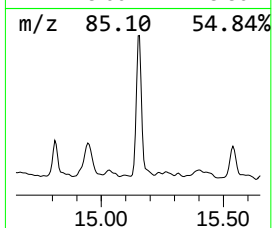
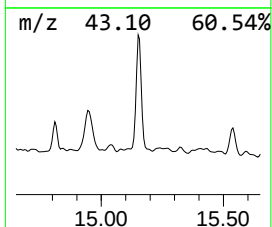
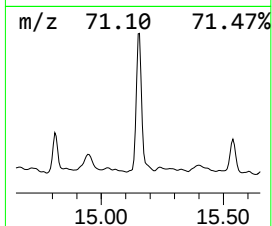
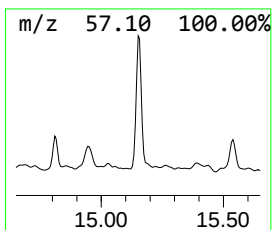
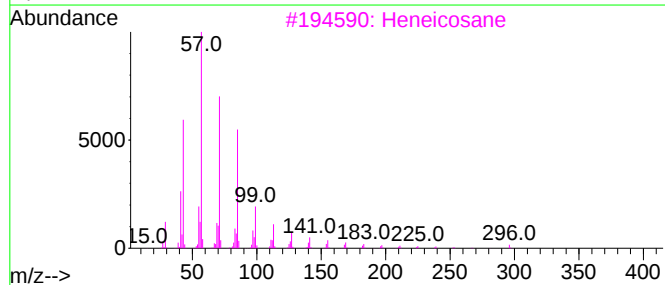
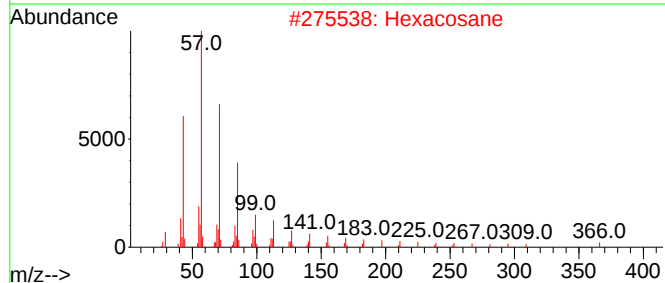
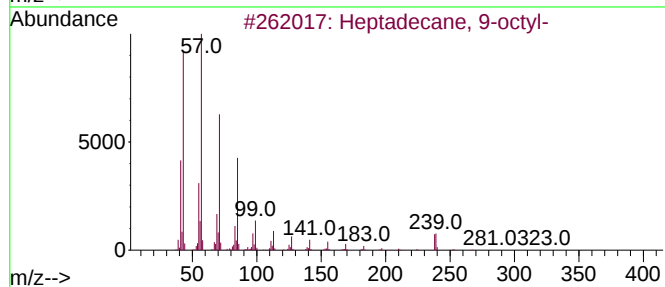
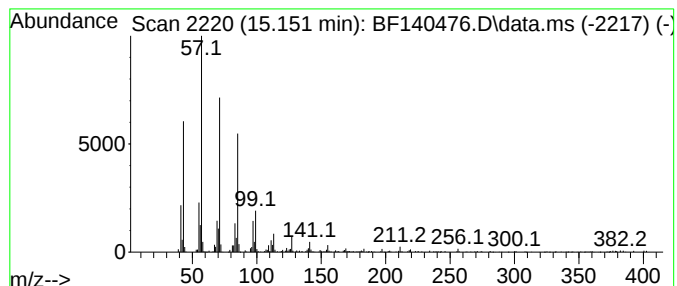
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	7.10 ng	258357	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140476.D
Acq On : 19 Nov 2024 16:24
Operator : RC/JU
Sample : P4869-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-11152024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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...	2.140	8.5	ng	456754	1	6.869	1080280	20.0
Sulfurous acid,...	9.169	8.0	ng	496041	3	9.910	1242730	20.0
Tetradecane	9.304	12.9	ng	804780	3	9.910	1242730	20.0
Naphthalene, 2,...	9.492	9.0	ng	560451	3	9.910	1242730	20.0
Naphthalene, 2,...	9.563	15.5	ng	960959	3	9.910	1242730	20.0
Carbonic acid, ...	9.622	16.6	ng	1031380	3	9.910	1242730	20.0
Naphthalene, 1,...	9.681	5.5	ng	338799	3	9.910	1242730	20.0
Pentadecane	9.833	10.4	ng	644959	3	9.910	1242730	20.0
Naphthalene, 1,...	10.151	12.1	ng	753352	3	9.910	1242730	20.0
Hexadecane	10.333	15.7	ng	975379	3	9.910	1242730	20.0
Tridecane	10.551	13.8	ng	858257	3	9.910	1242730	20.0
2-Bromo dodecane	10.816	22.5	ng	1714630	4	11.398	1524680	20.0
Heneicosane	11.257	7.5	ng	575404	4	11.398	1524680	20.0
Hexadecane, 2,6...	11.286	9.1	ng	696458	4	11.398	1524680	20.0
Hexadecanoic ac...	11.786	30.6	ng	2333990	4	11.398	1524680	20.0
n-Hexadecanoic ...	11.922	9.2	ng	703251	4	11.398	1524680	20.0
9,12-Octadecadi...	12.475	76.6	ng	5841410	4	11.398	1524680	20.0
Octadecanoic acid	12.710	7.2	ng	551146	4	11.398	1524680	20.0
3-(Dimethylamin...	14.945	18.6	ng	676531	6	15.527	727608	20.0
Heptadecane, 9-...	15.151	7.1	ng	258357	6	15.527	727608	20.0