

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132532.D
 Acq On : 23 Feb 2023 21:28
 Operator : CG\JU
 Sample : 01654-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UGT

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-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.784	326	331	336	rBV	265138	277643	6.81%	0.693%
2	5.248	405	410	417	rVB	1510895	1892499	46.40%	4.723%
3	5.613	469	472	473	rBV	101598	84816	2.08%	0.212%
4	5.643	473	477	480	rVB	3530709	3268845	80.14%	8.158%
5	5.866	511	515	519	rVB	69373	62668	1.54%	0.156%
6	6.637	641	646	649	rBV	3641096	3354360	82.24%	8.371%
7	6.831	676	679	683	rBV	101453	84755	2.08%	0.212%
8	7.007	705	709	712	rBV	1176520	910735	22.33%	2.273%
9	7.572	801	805	808	rBV	2820171	2462272	60.37%	6.145%
10	8.260	919	922	924	rBV	78024	60023	1.47%	0.150%
11	8.289	924	927	930	rVV	1334347	1169400	28.67%	2.918%
12	8.313	930	931	933	rVV	158149	84733	2.08%	0.211%
13	8.337	933	935	938	rVB	56454	47349	1.16%	0.118%
14	8.578	972	976	980	rVB5	40408	57290	1.40%	0.143%
15	8.701	994	997	999	rBV	95779	72628	1.78%	0.181%
16	8.872	1023	1026	1030	rVB	108976	89755	2.20%	0.224%
17	8.966	1039	1042	1046	rVB4	31888	45515	1.12%	0.114%
18	9.007	1046	1049	1052	rVB	349012	272314	6.68%	0.680%
19	9.107	1063	1066	1069	rVB	133045	103846	2.55%	0.259%
20	9.236	1084	1088	1092	rBV4	39183	58413	1.43%	0.146%
21	9.301	1097	1099	1102	rVV	167541	140516	3.44%	0.351%
22	9.372	1106	1111	1114	rBV	4592572	4078853	100.00%	10.179%
23	9.436	1119	1122	1126	rBV2	203381	228841	5.61%	0.571%
24	9.566	1141	1144	1148	rVB	67657	68403	1.68%	0.171%
25	9.631	1152	1155	1161	rBV	174815	236959	5.81%	0.591%
26	9.707	1165	1168	1171	rVV	146789	174869	4.29%	0.436%
27	9.736	1171	1173	1174	rVV	111679	82579	2.02%	0.206%
28	9.760	1174	1177	1180	rVV	409488	348454	8.54%	0.870%
29	9.825	1184	1188	1190	rBV2	88759	102128	2.50%	0.255%
30	9.913	1200	1203	1206	rBV3	154002	160297	3.93%	0.400%
31	9.966	1209	1212	1215	rVB2	279251	255571	6.27%	0.638%
32	10.031	1221	1223	1224	rBV	68635	57227	1.40%	0.143%
33	10.054	1224	1227	1230	rVB	1427463	1120692	27.48%	2.797%
34	10.089	1230	1233	1236	rBV2	72485	76243	1.87%	0.190%
35	10.154	1240	1244	1248	rBV2	84702	115913	2.84%	0.289%
36	10.201	1248	1252	1255	rBV4	52813	84208	2.06%	0.210%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	10.254	1258	1261	1264	rVB2	110371	109784	2.69%	0.274%
38	10.295	1265	1268	1272	rVB2	120933	122914	3.01%	0.307%
39	10.372	1278	1281	1283	rBV	104304	116542	2.86%	0.291%
40	10.395	1283	1285	1287	rVV2	81412	75224	1.84%	0.188%
41	10.472	1292	1298	1301	rVB3	241305	350318	8.59%	0.874%
42	10.689	1330	1335	1338	rBV2	211595	245983	6.03%	0.614%
43	10.766	1345	1348	1351	rVB	280813	242443	5.94%	0.605%
44	10.848	1358	1362	1365	rBV	2226794	1892307	46.39%	4.722%
45	10.960	1376	1381	1385	rBV	439902	558556	13.69%	1.394%
46	11.348	1445	1447	1450	rBV	73886	75361	1.85%	0.188%
47	11.395	1452	1455	1457	rBV	219807	177946	4.36%	0.444%
48	11.425	1457	1460	1463	rBV	161937	154242	3.78%	0.385%
49	11.548	1478	1481	1484	rBV	1088939	1011033	24.79%	2.523%
50	11.572	1484	1485	1489	rVB	456461	345621	8.47%	0.863%
51	11.648	1496	1498	1505	rVB7	71551	93379	2.29%	0.233%
52	11.777	1518	1520	1523	rBV	102731	90756	2.23%	0.226%
53	11.825	1526	1528	1531	rVB	194731	140174	3.44%	0.350%
54	12.060	1564	1568	1570	rBV2	306564	323783	7.94%	0.808%
55	12.083	1570	1572	1575	rVB	133202	115962	2.84%	0.289%
56	12.166	1583	1586	1588	rBV2	62603	69236	1.70%	0.173%
57	12.236	1595	1598	1600	rBV	161551	126255	3.10%	0.315%
58	12.313	1609	1611	1615	rVB3	71512	59124	1.45%	0.148%
59	12.348	1615	1617	1619	rBV2	69744	59611	1.46%	0.149%
60	12.377	1619	1622	1626	rVB2	83632	81883	2.01%	0.204%
61	12.607	1658	1661	1663	rBV	156154	152892	3.75%	0.382%
62	12.772	1686	1689	1693	rVV	760964	613704	15.05%	1.532%
63	12.807	1693	1695	1698	rVB3	67080	55758	1.37%	0.139%
64	13.001	1722	1728	1734	rVV	703185	767137	18.81%	1.914%
65	13.054	1734	1737	1740	rVB2	58810	70303	1.72%	0.175%
66	13.142	1748	1752	1755	rVB	3258410	2825307	69.27%	7.051%
67	13.213	1762	1764	1769	rVB3	43629	59948	1.47%	0.150%
68	13.330	1782	1784	1786	rVB	70649	54206	1.33%	0.135%
69	13.354	1786	1788	1791	rVB	61010	46305	1.14%	0.116%
70	13.436	1799	1802	1805	rVB2	66975	66969	1.64%	0.167%
71	13.589	1825	1828	1834	rVB	232854	236058	5.79%	0.589%
72	13.842	1868	1871	1875	rVB	84309	88497	2.17%	0.221%
73	14.030	1897	1903	1916	rBV5	503833	744467	18.25%	1.858%
74	14.207	1928	1933	1936	rBV2	1049107	1261941	30.94%	3.149%
75	14.230	1936	1937	1940	rVB	308898	199328	4.89%	0.497%
76	14.442	1969	1973	1982	rVB	397921	461910	11.32%	1.153%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.842	2036	2041	2047	rBV2	456558	659212	16.16%	1.645%
78	15.295	2114	2118	2126	rBV	690418	1188505	29.14%	2.966%
79	15.624	2171	2174	2179	rVB	172809	214676	5.26%	0.536%
80	15.689	2182	2185	2192	rVV	217314	301662	7.40%	0.753%
81	15.760	2193	2197	2202	rVV	580951	817617	20.05%	2.040%
82	15.836	2206	2210	2217	rVB	276897	478042	11.72%	1.193%
83	17.307	2454	2460	2465	rBV2	110112	276326	6.77%	0.690%

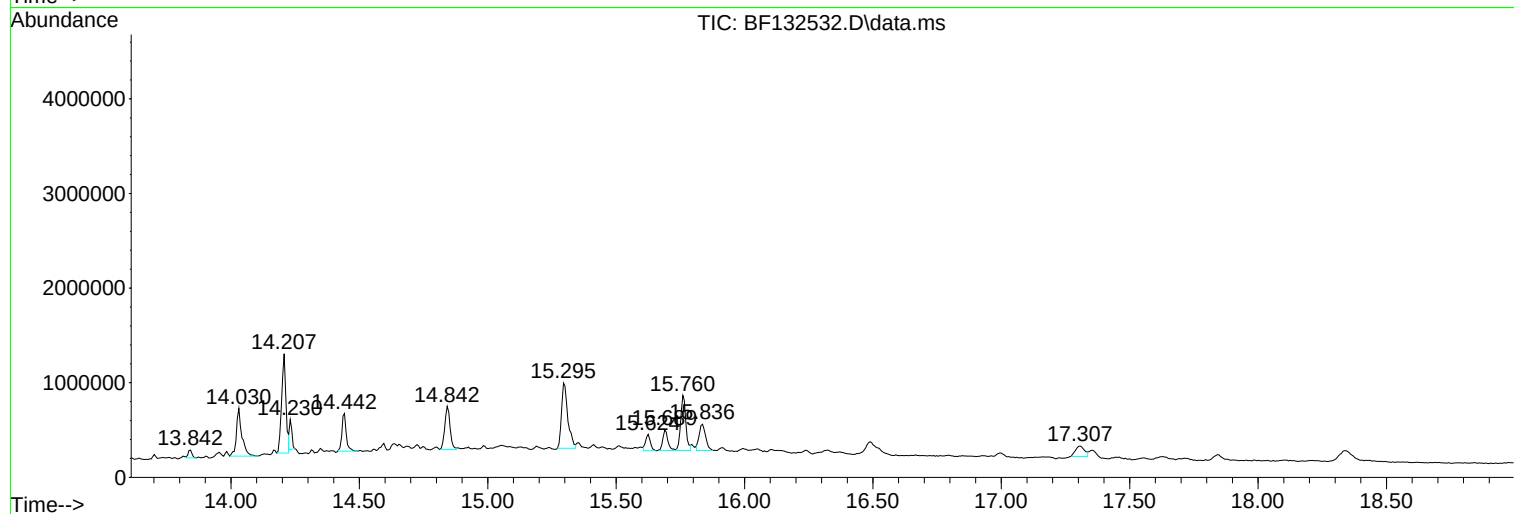
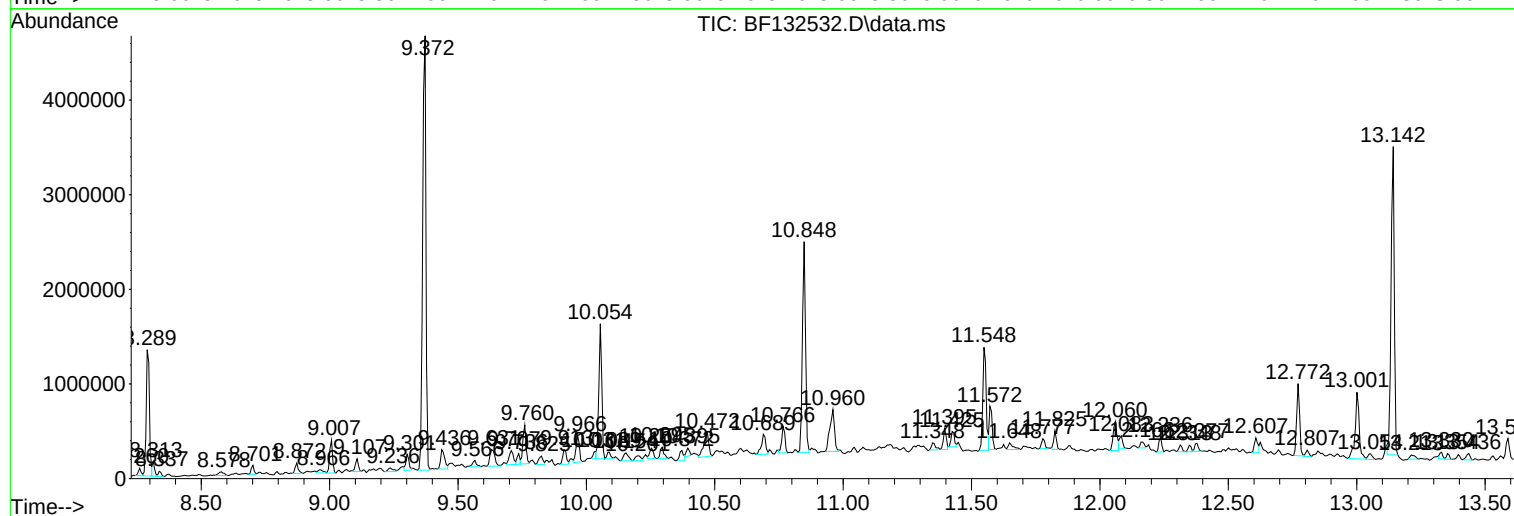
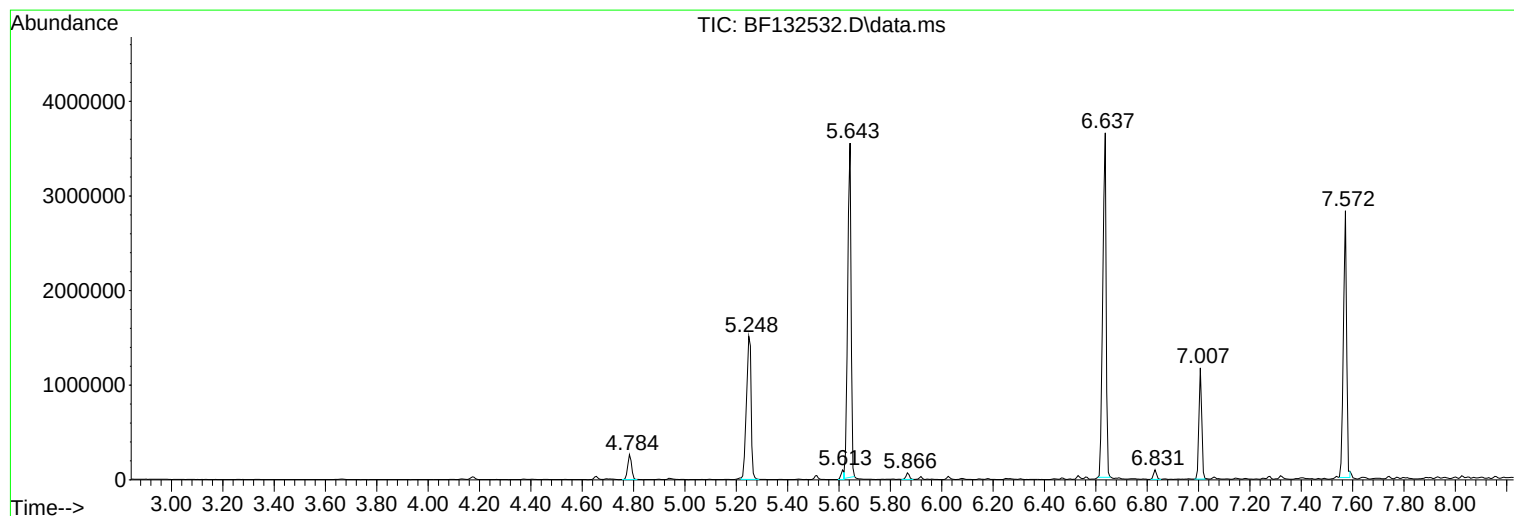
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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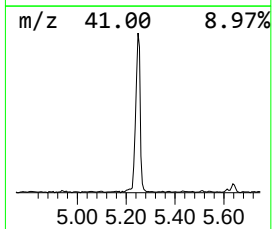
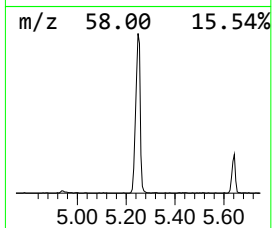
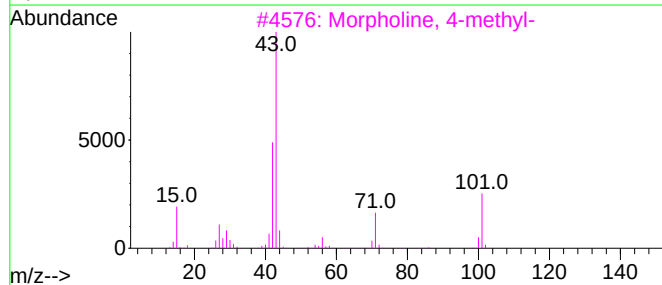
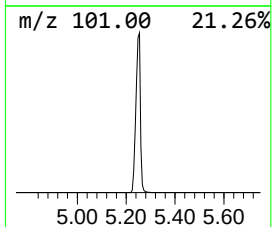
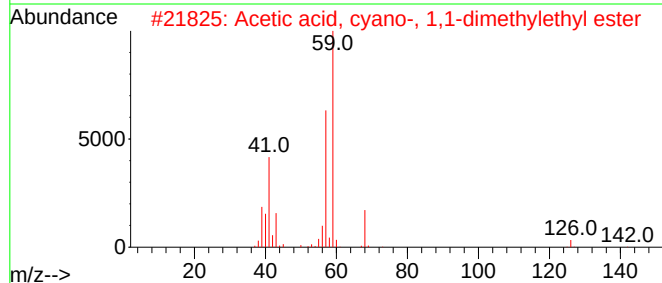
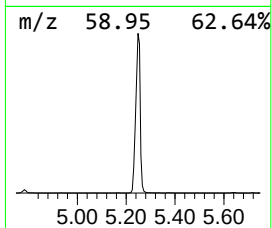
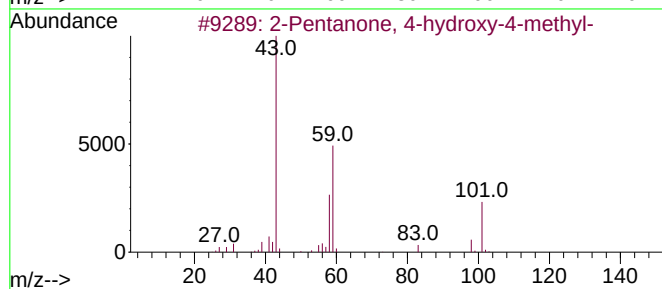
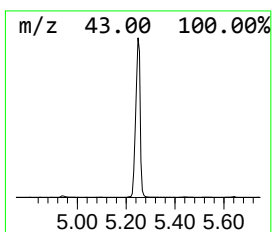
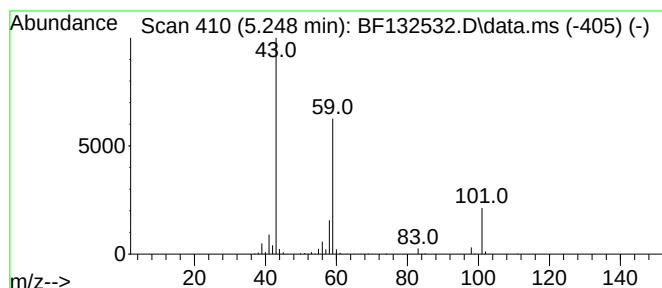
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.248	41.56 ng	1892500	1,4-Dichlorobenzene-d4	7.007

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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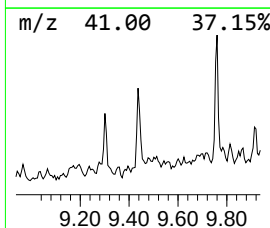
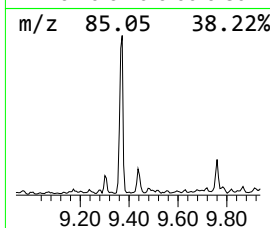
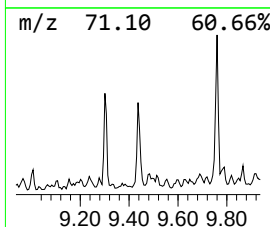
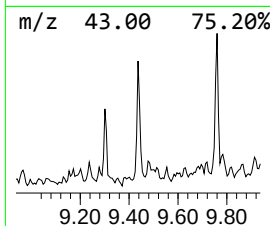
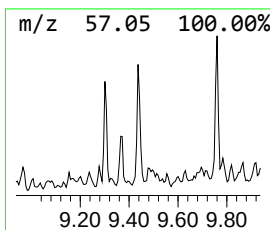
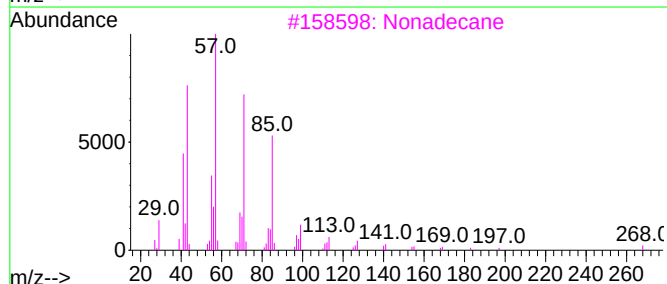
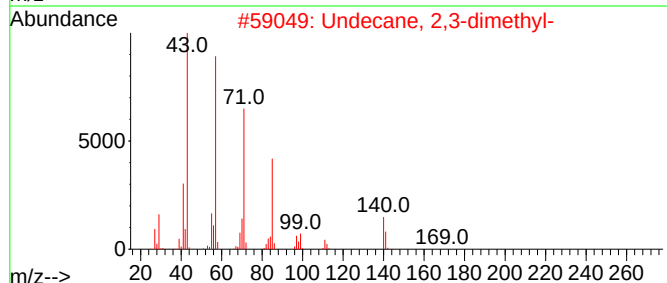
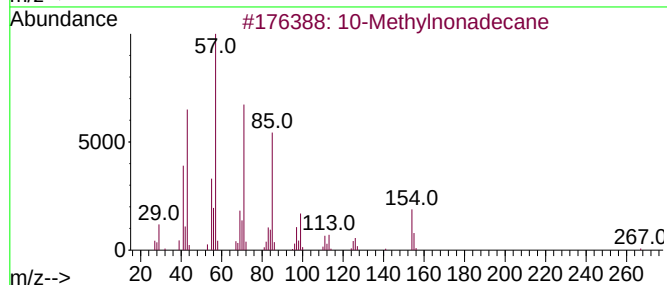
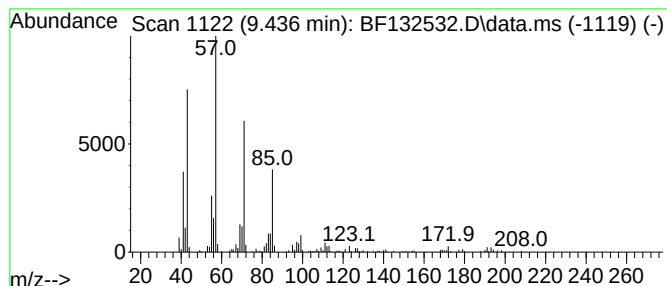
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 10-Methylnonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.436	4.08 ng	228841	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	91
2			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3			Nonadecane	268	C19H40	000629-92-5	87
4			Hexadecane	226	C16H34	000544-76-3	87
5			Tetradecane	198	C14H30	000629-59-4	80



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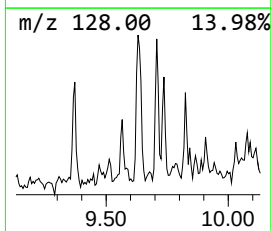
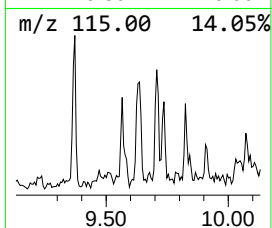
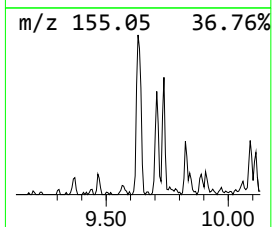
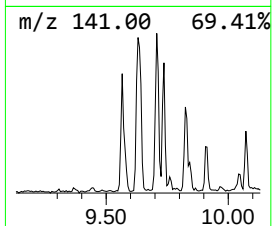
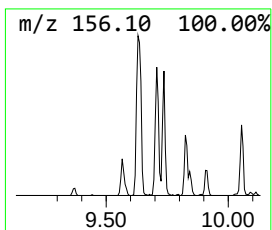
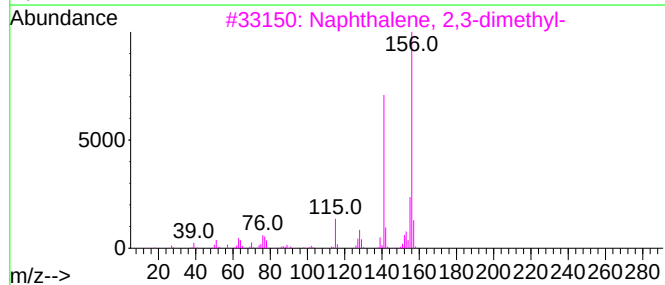
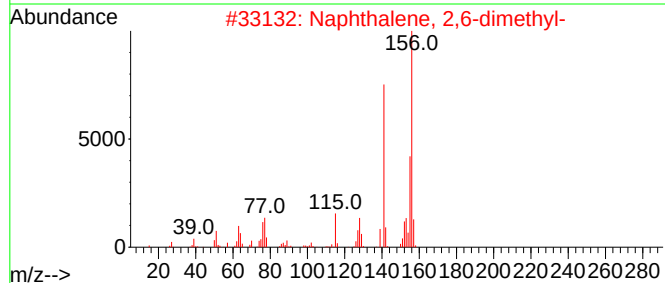
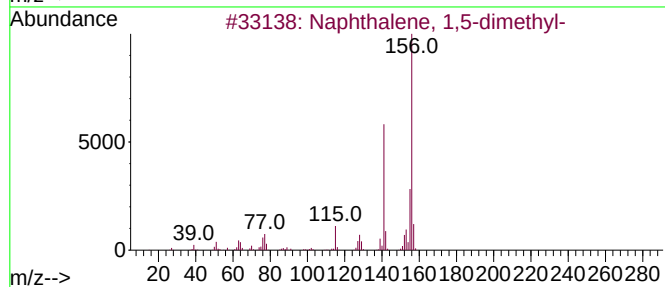
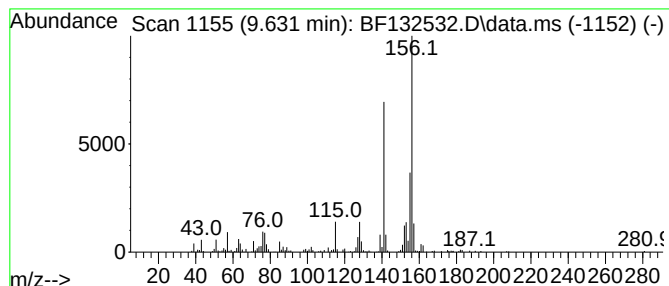
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.631	4.23 ng	236959	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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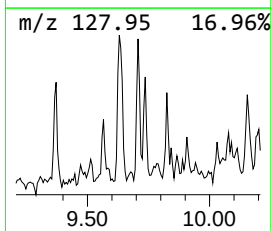
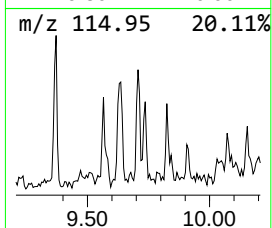
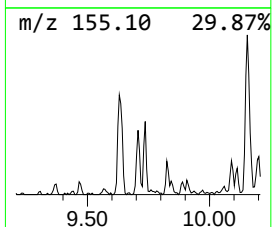
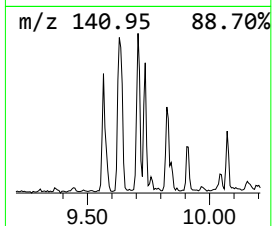
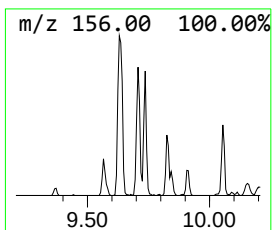
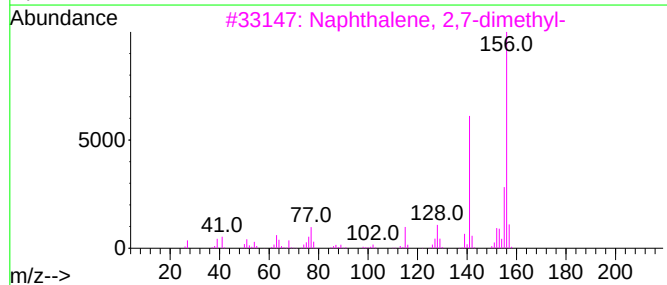
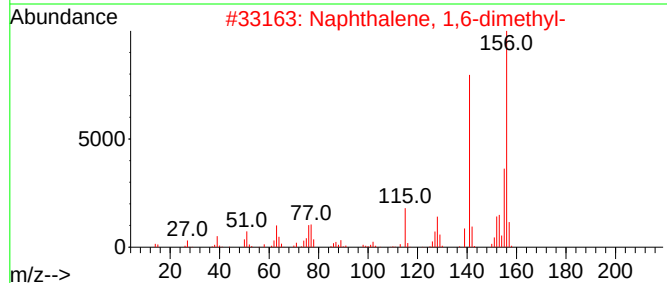
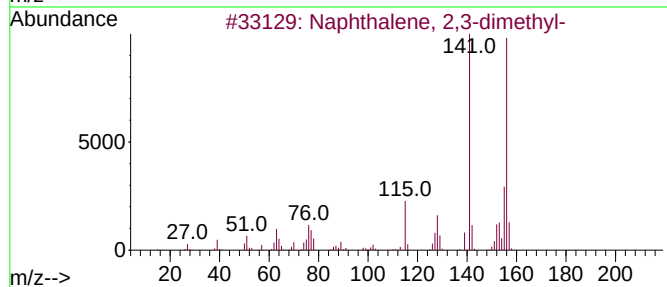
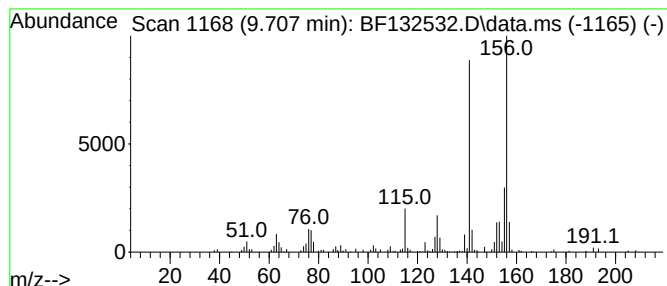
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.707	3.12 ng	174869	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UGT

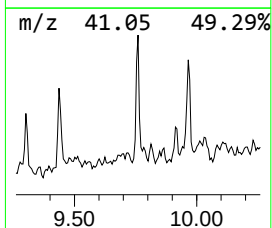
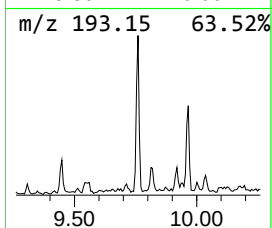
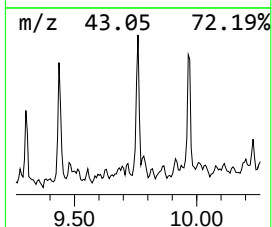
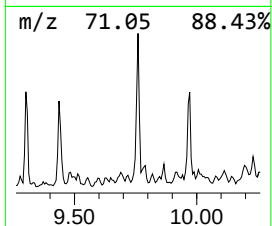
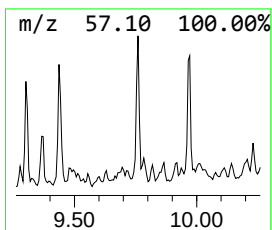
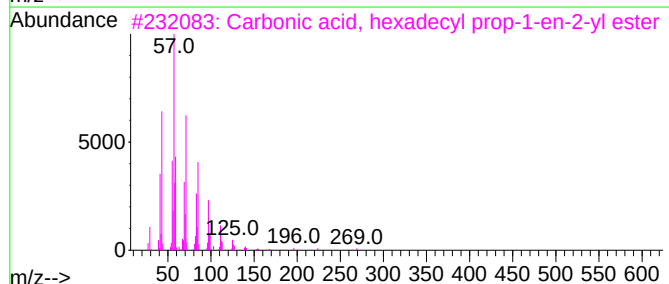
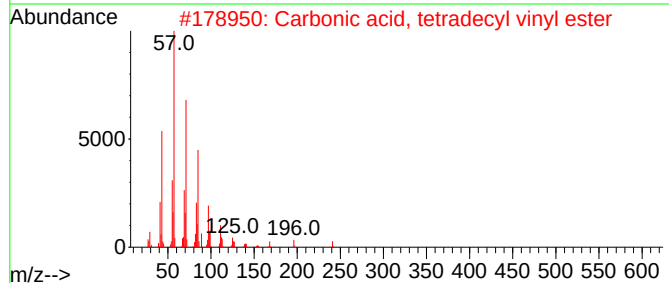
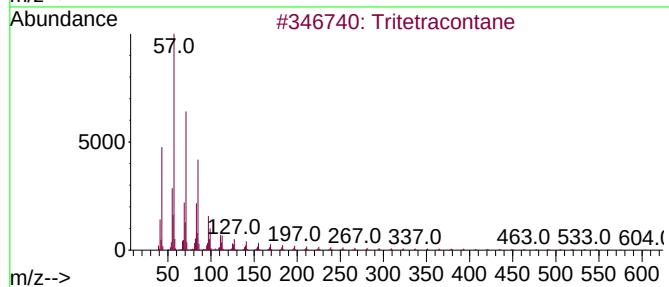
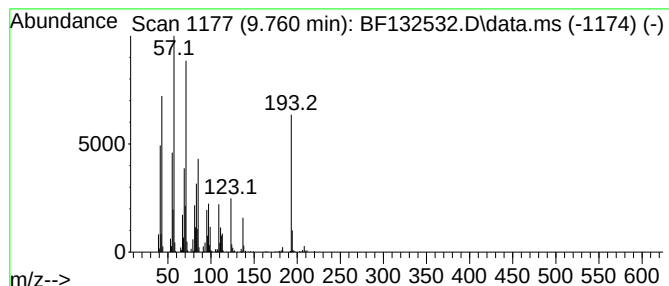
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.760 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.760	6.22 ng	348454	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	46
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	43
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	43
4			1-(3-Isobutyryl-bicyclo[1.1.1]pe...	208	C13H20O2	1000287-95-8	35
5			2-Bromononane	206	C9H19Br	002216-35-5	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
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Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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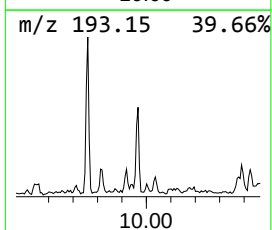
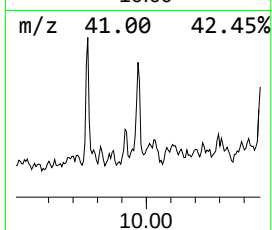
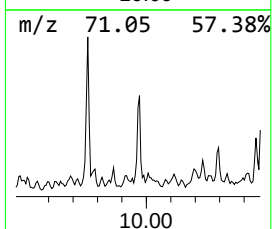
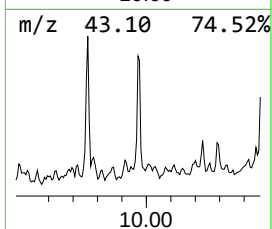
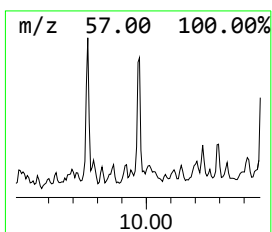
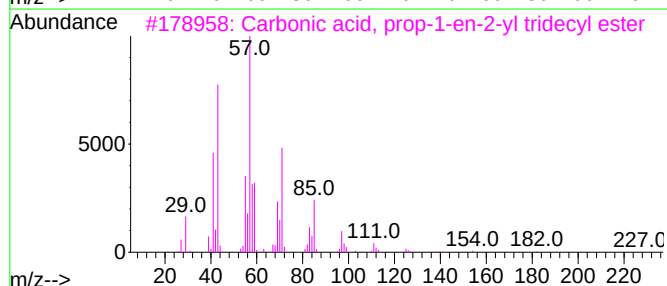
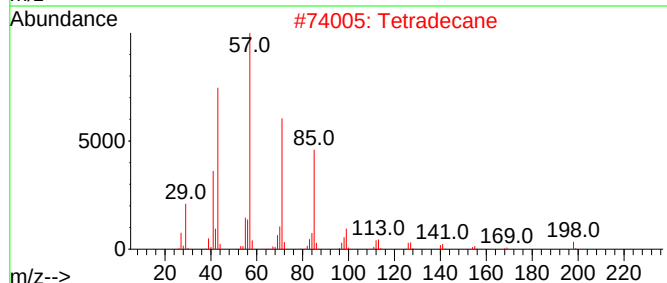
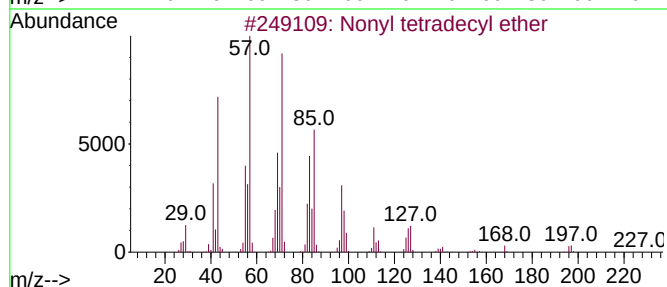
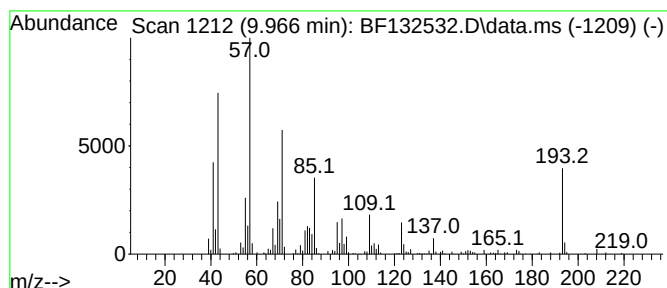
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.966 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.966	4.56 ng	255571	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	43
2			Tetradecane	198	C14H30	000629-59-4	43
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
4			Hexadecane	226	C16H34	000544-76-3	43
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
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Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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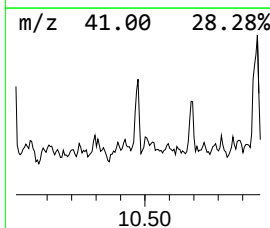
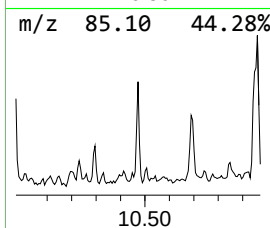
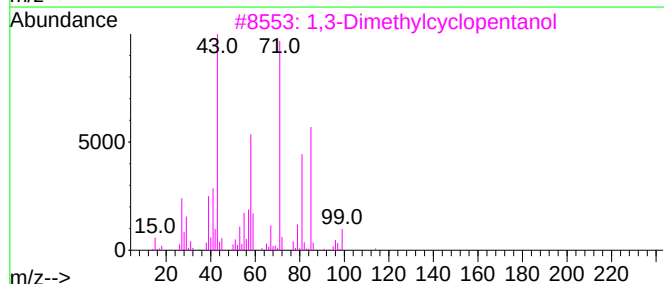
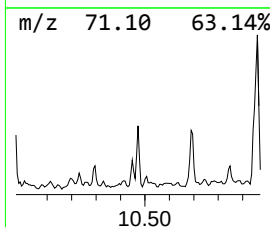
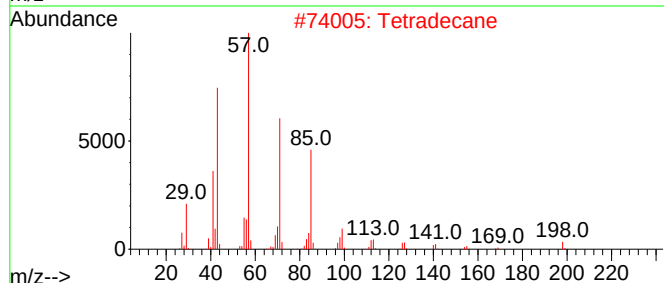
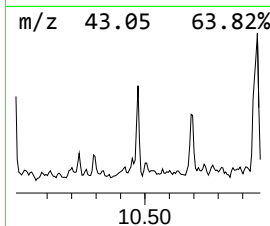
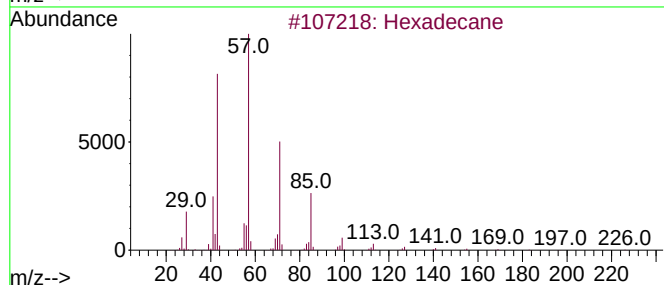
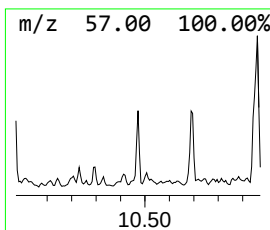
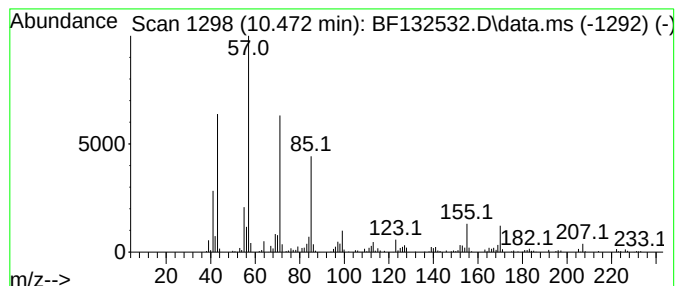
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.472	6.25 ng	350318	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Tetradecane	198	C14H30	000629-59-4	68
3			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	52
4			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	49
5			Pentadecane	212	C15H32	000629-62-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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Acq On : 23 Feb 2023 21:28
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Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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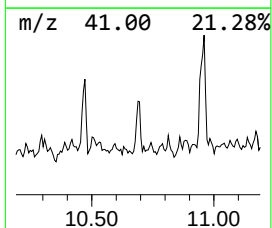
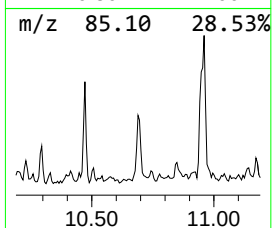
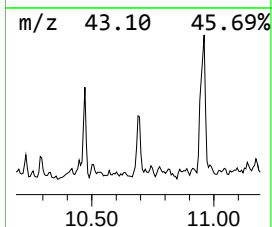
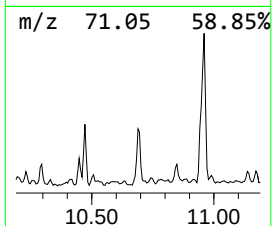
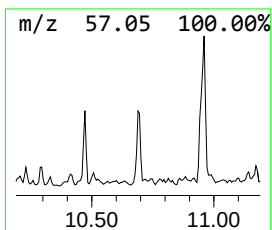
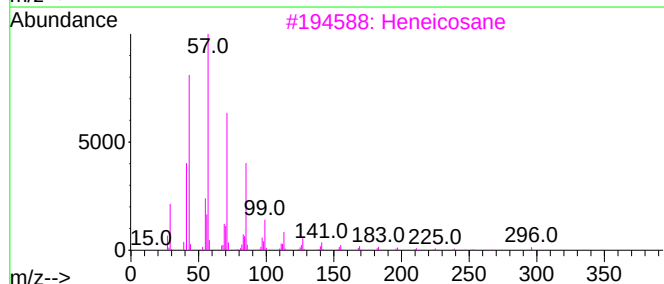
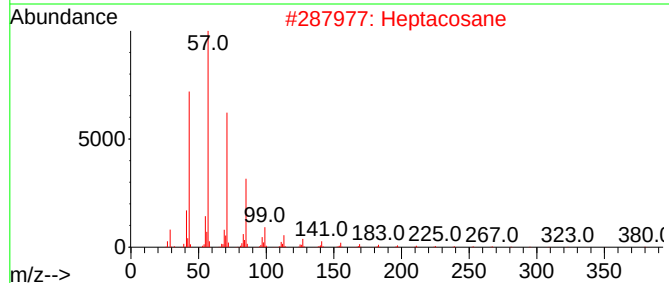
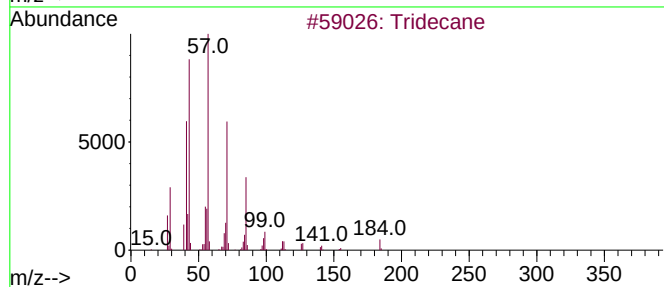
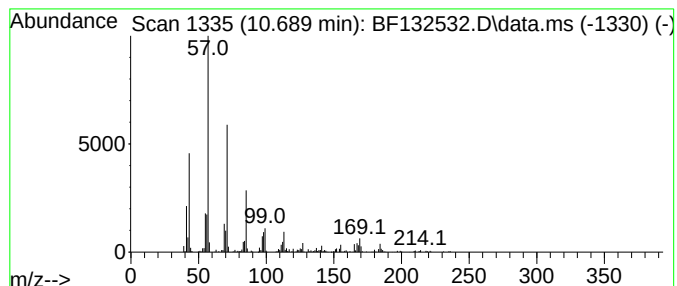
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.689	4.39 ng	245983	Acenaphthene-d10	10.054

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	81
2		Heptacosane	380	C27H56	000593-49-7	74
3		Heneicosane	296	C21H44	000629-94-7	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
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Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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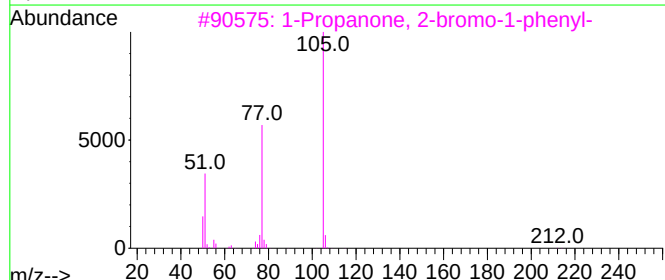
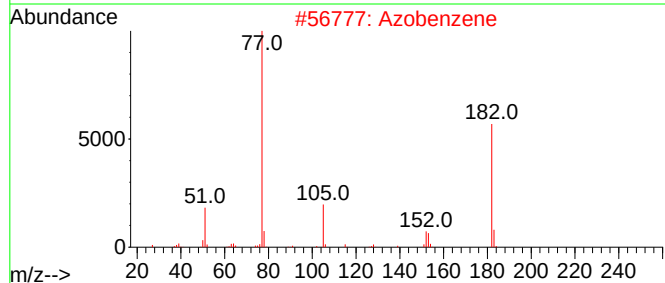
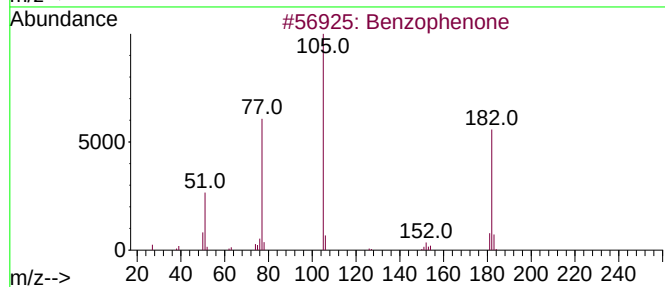
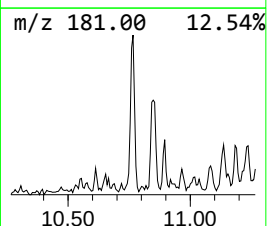
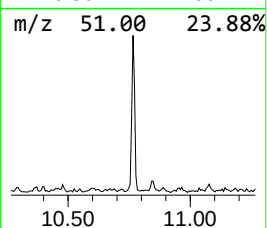
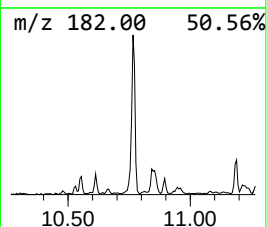
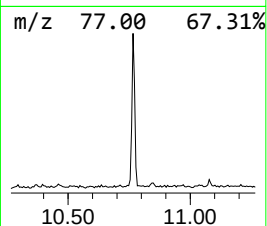
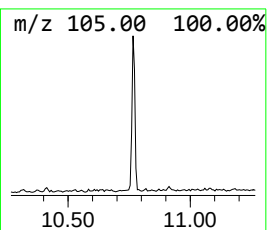
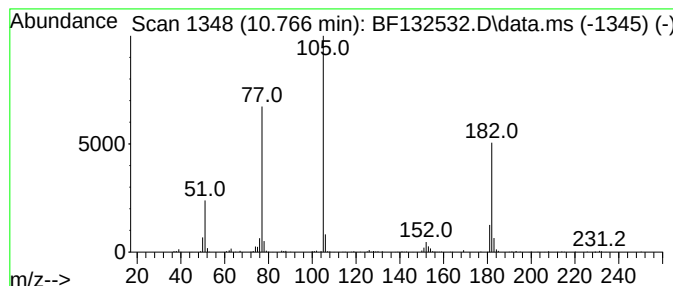
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.766	4.33 ng	242443	Acenaphthene-d10	10.054

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	53
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	49
4			2-Pyrazoline-3-carbonitrile, 1-b...	199	C11H9N3O	067872-68-8	47
5			Benzoyl bromide	184	C7H5BrO	000618-32-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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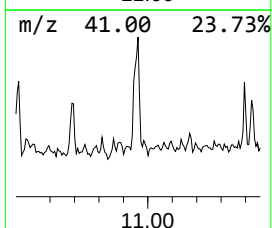
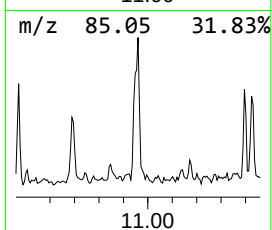
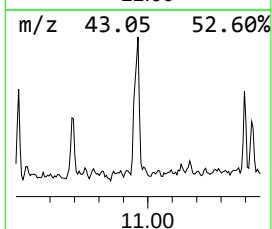
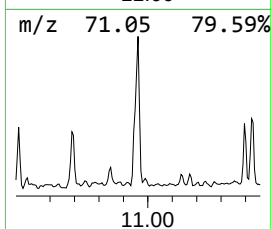
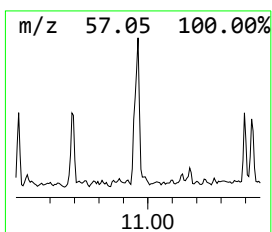
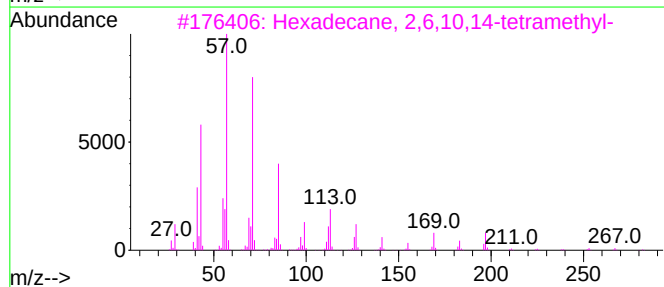
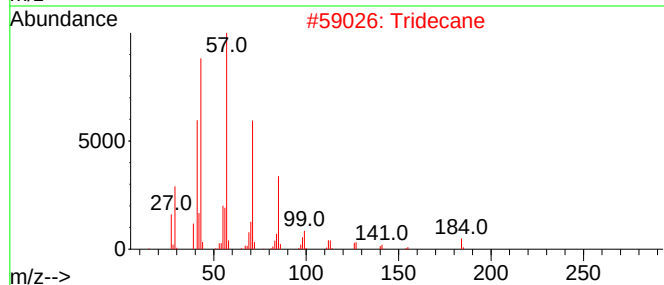
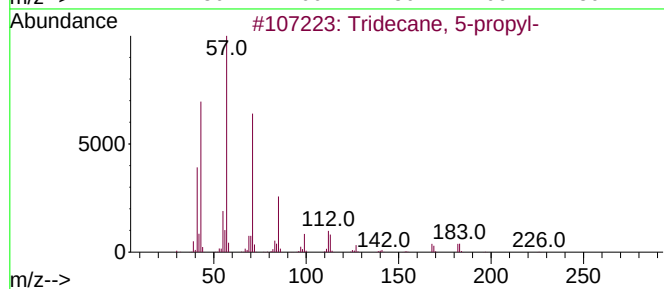
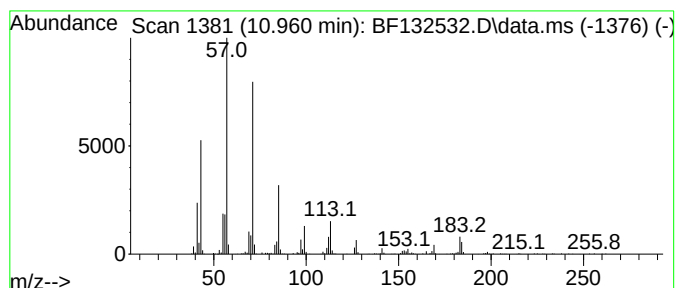
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.960	11.05 ng	558556	Phenanthrene-d10		11.548	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	90
2	Tridecane		184	C13H28	000629-50-5	87
3	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	86
4	Heptacosane		380	C27H56	000593-49-7	86
5	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
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Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

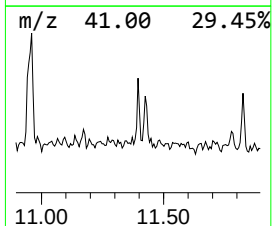
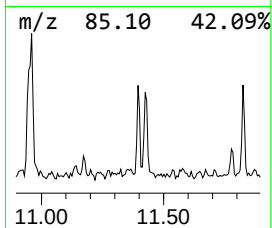
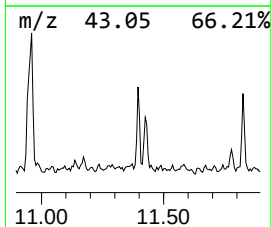
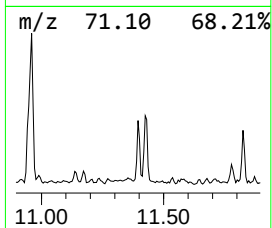
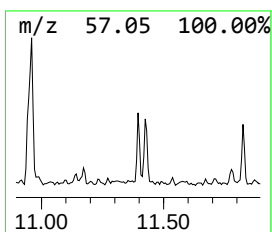
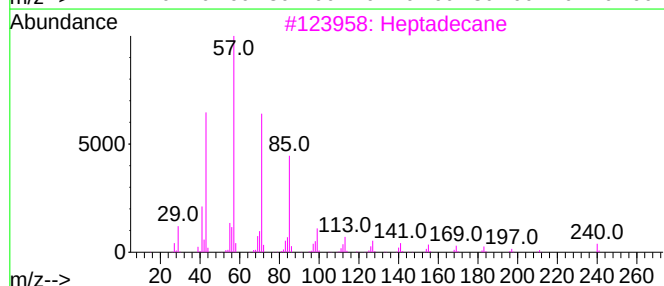
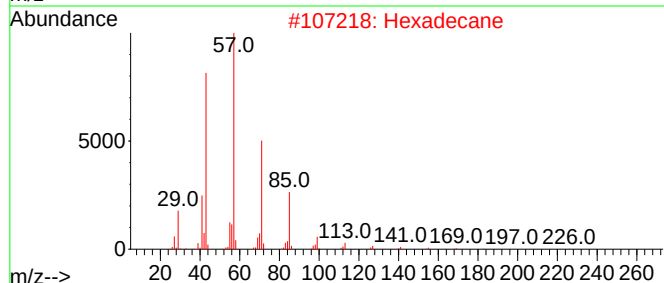
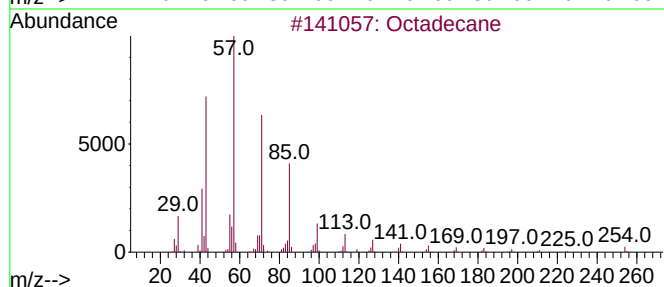
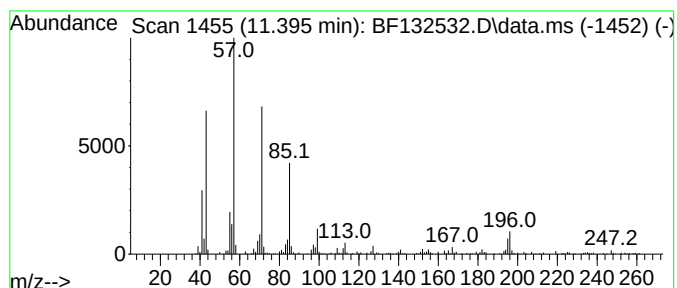
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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.395	3.52 ng	177946	Phenanthrene-d10		11.548	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Hexadecane		226	C16H34	000544-76-3	94
3	Heptadecane		240	C17H36	000629-78-7	80
4	Tridecane, 4-methyl-		198	C14H30	026730-12-1	74
5	Octane, 5-ethyl-2-methyl-		156	C11H24	062016-18-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UGT

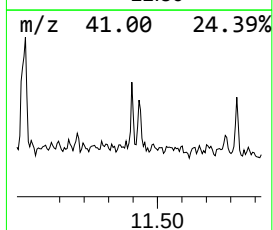
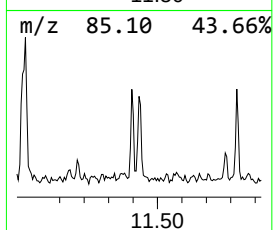
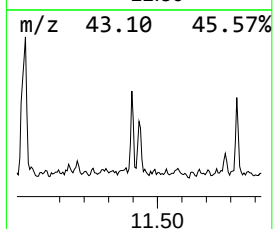
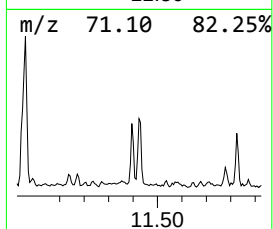
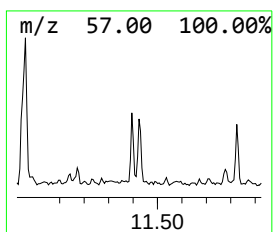
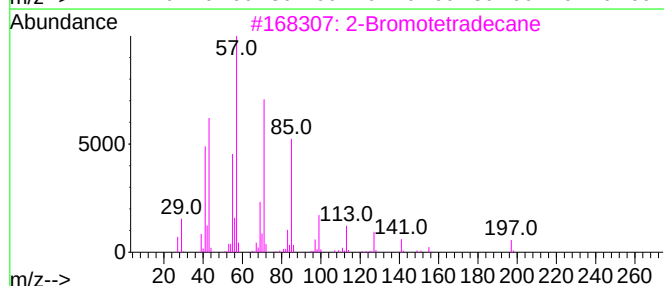
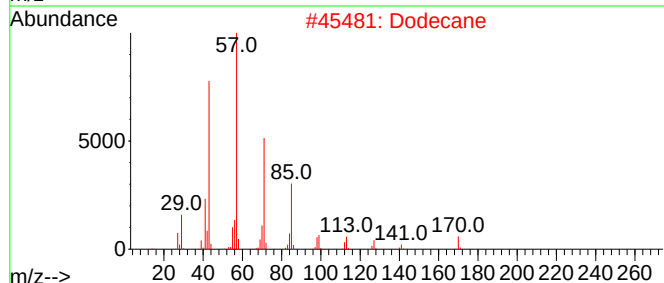
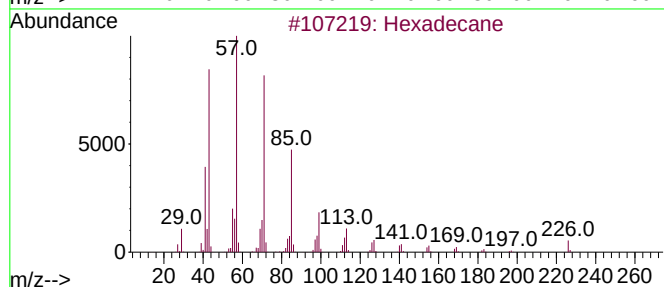
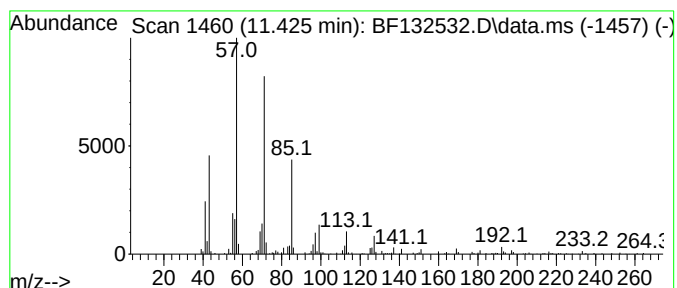
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.425	3.05 ng	154242	Phenanthrene-d10	11.548

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Dodecane	170	C12H26	000112-40-3	90
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
5			Tridecane, 5-propyl-	226	C16H34	055045-11-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

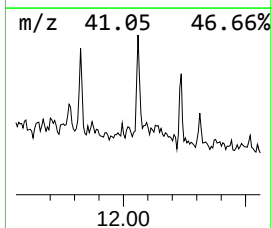
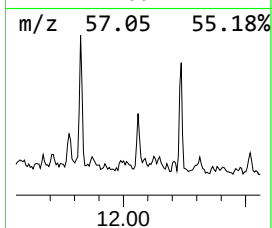
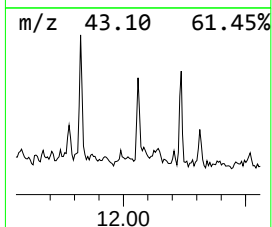
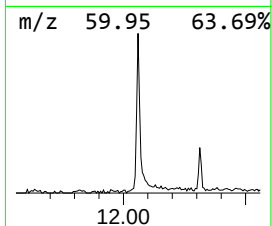
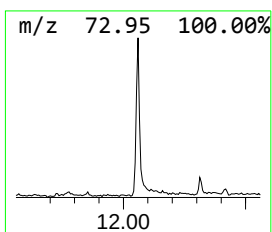
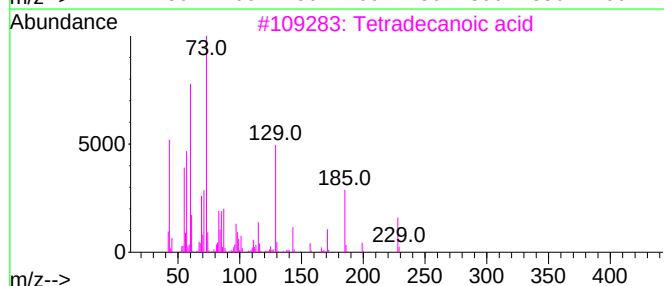
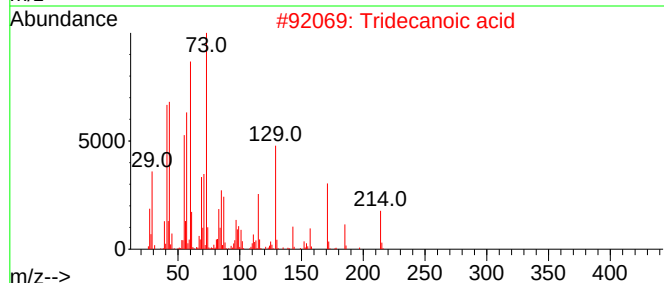
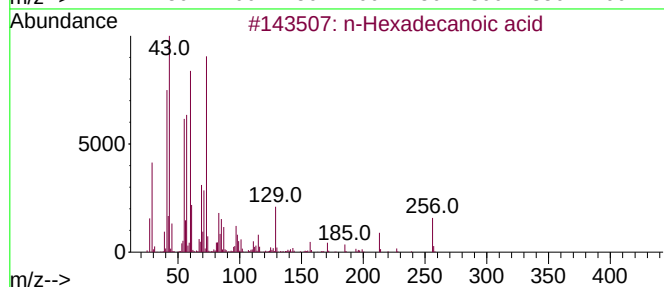
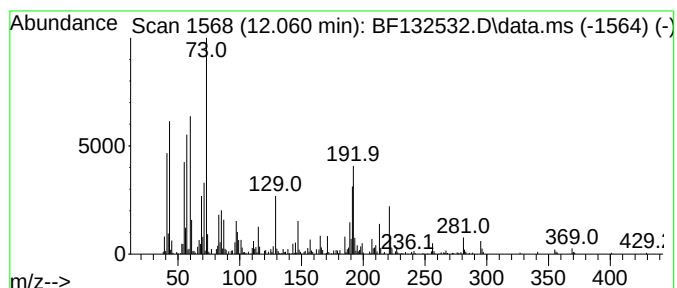
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.060	6.40 ng	323783	Phenanthrene-d10	11.548	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	42
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	30
4	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	27
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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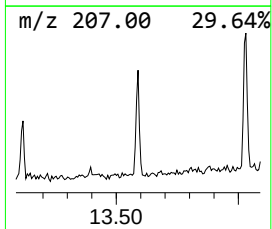
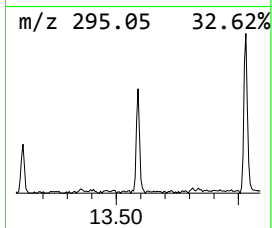
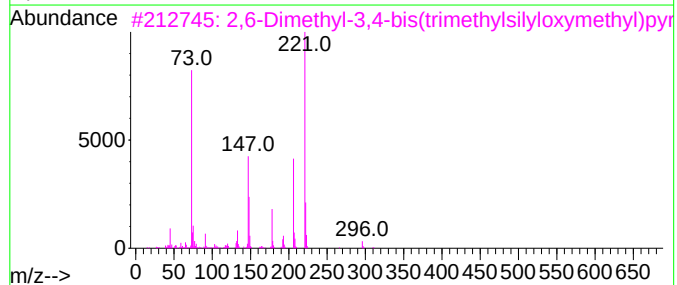
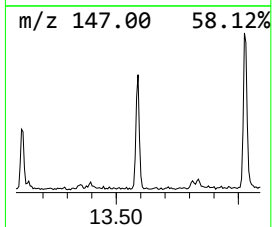
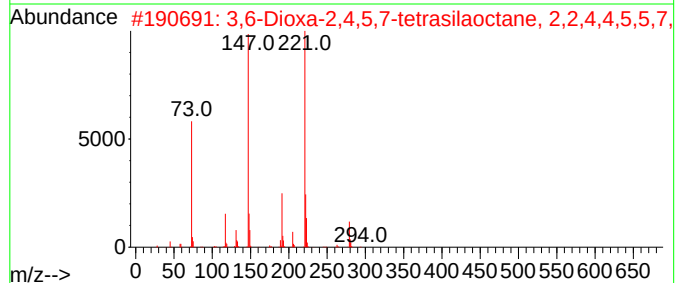
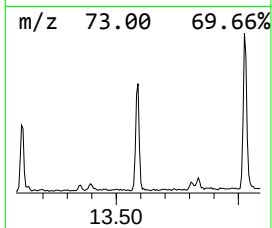
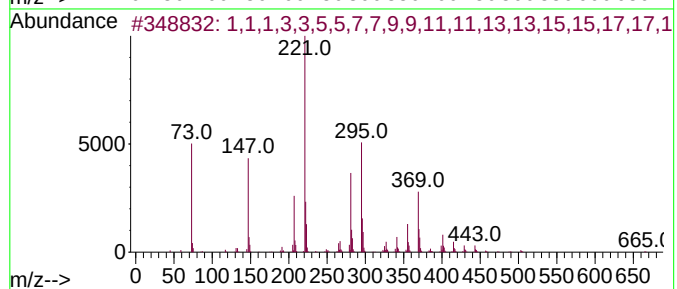
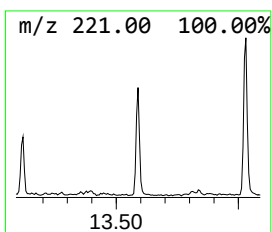
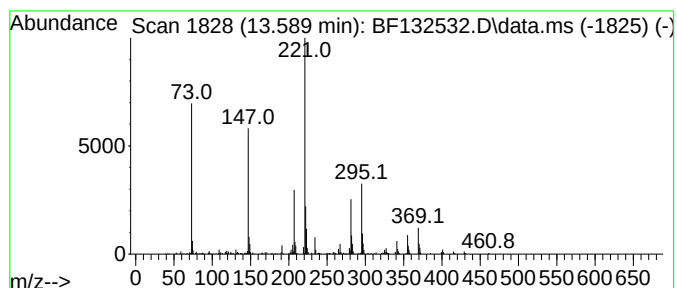
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1,1,3,3,5,5,7,7,9,9,11,11... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.589	3.74 ng	236058	Chrysene-d12	14.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H6008Si9	002652-13-3	91		
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H3002Si4	004342-25-0	60		
3	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	43		
4	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	43		
5	2-[[2-(Methoxycarbonyl)anilino]c...	371	C19H21NO5Si	1000475-02-2	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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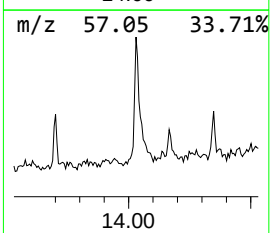
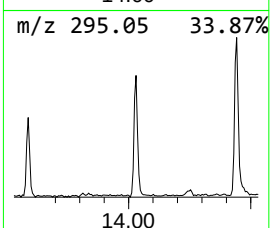
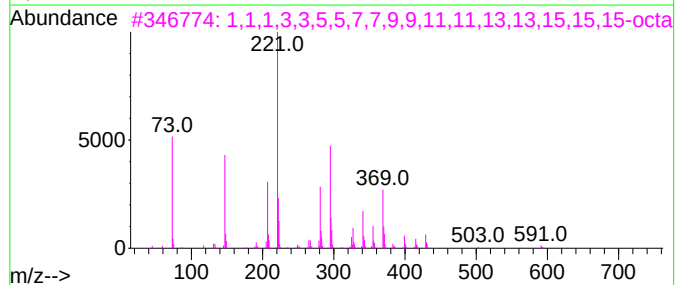
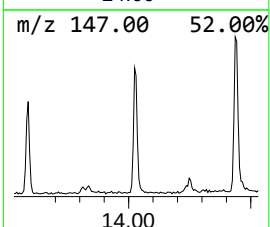
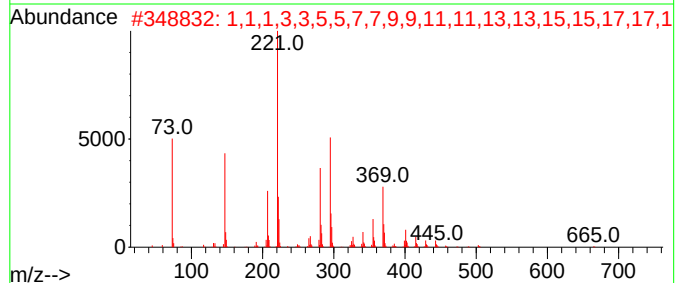
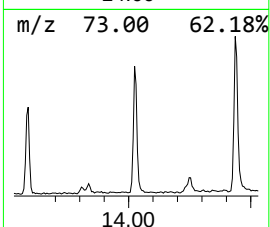
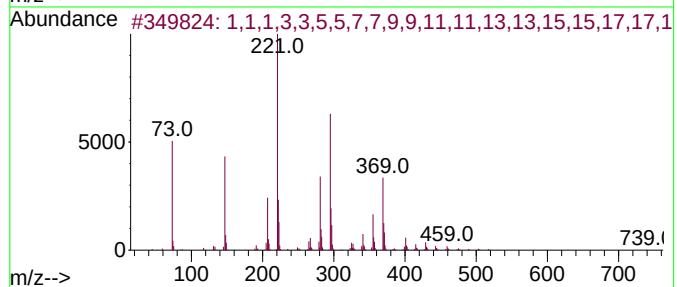
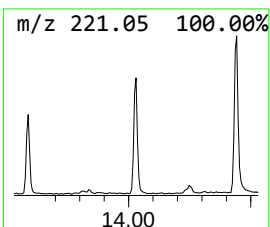
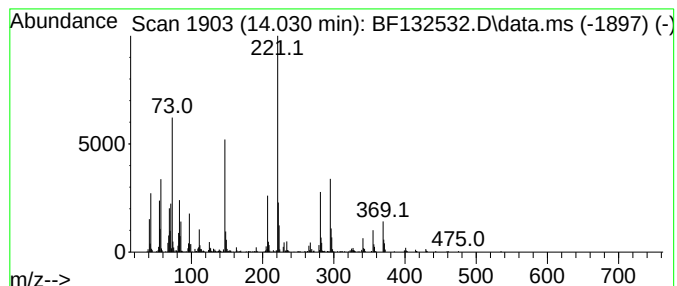
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.030 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	11.80 ng	744467	Chrysene-d12	14.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	91		
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	91		
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	90		
4	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	43		
5	Mercaptoacetic acid, 2TMS deriva...	236	C8H20O2SSi2	006398-62-5	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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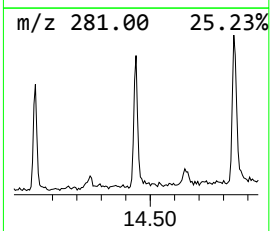
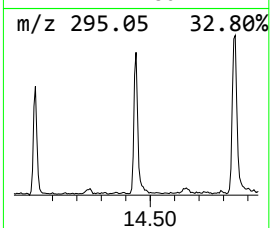
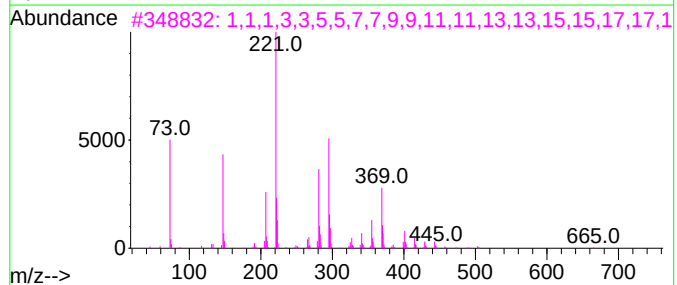
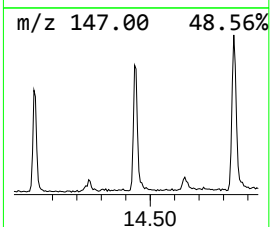
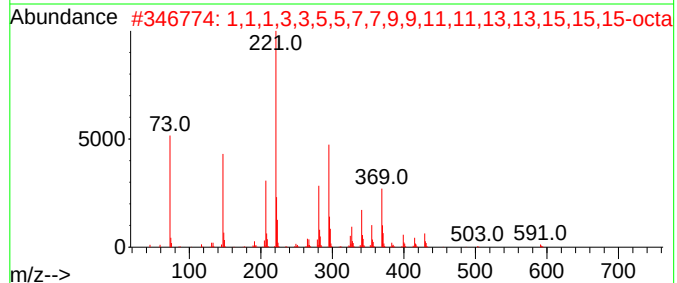
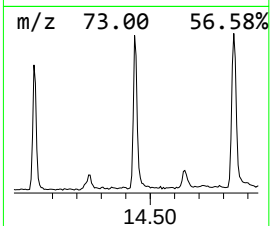
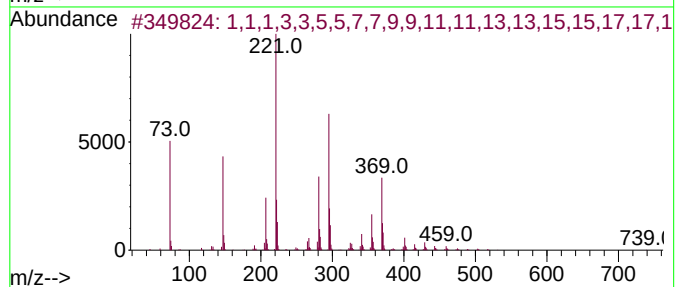
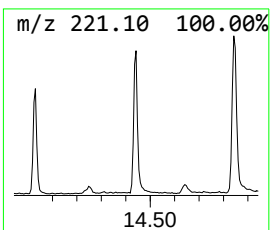
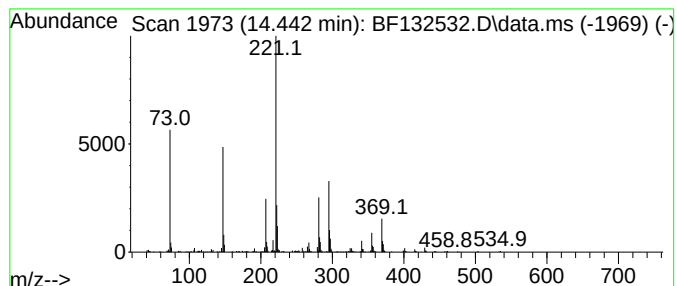
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.442 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.442	7.32 ng	461910	Chrysene-d12	14.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H6609Si10	000556-70-7	91		
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H5407Si8	000556-69-4	91		
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H6008Si9	002652-13-3	81		
4	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15N03	024451-17-0	43		
5	4-Hydroxybenzyl alcohol, 2TBDMS ...	352	C19H3602Si2	1000364-43-9	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
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Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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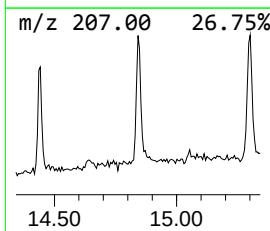
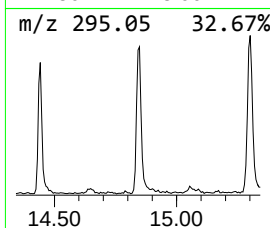
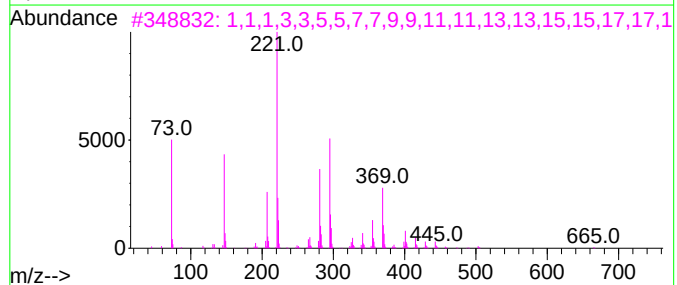
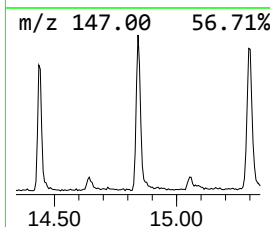
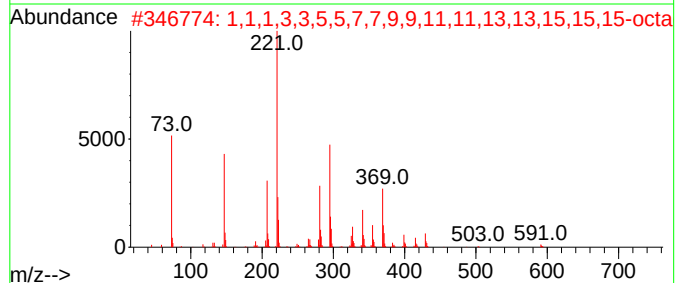
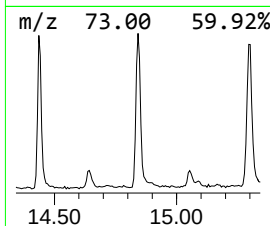
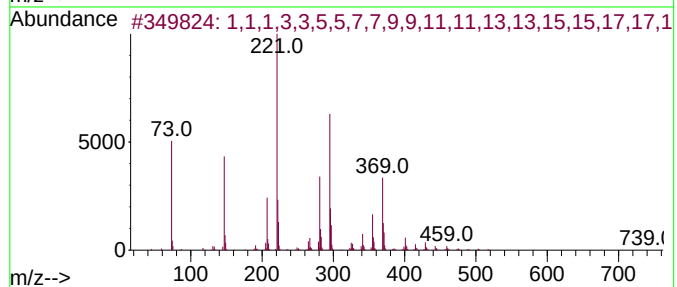
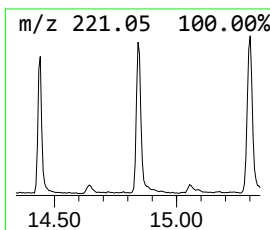
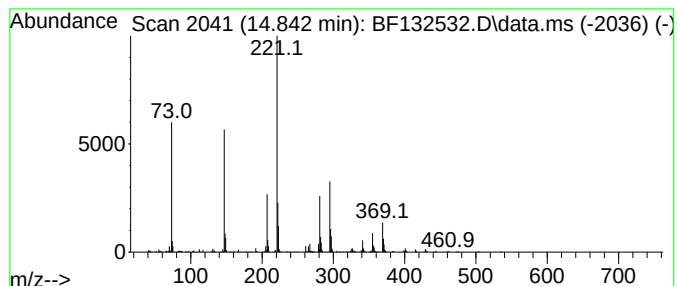
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.842 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	10.45 ng	659212	Chrysene-d12	14.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754	C22H66O9Si10	000556-70-7	91		
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606	C18H54O7Si8	000556-69-4	91		
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680	C20H60O8Si9	002652-13-3	49		
4	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	45		
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
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Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

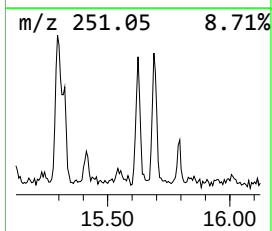
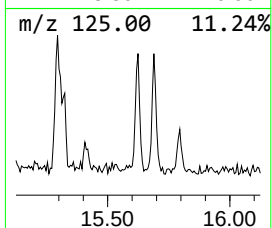
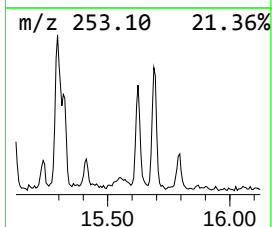
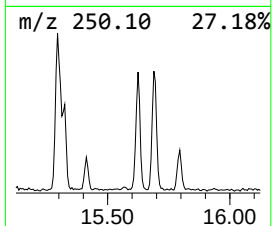
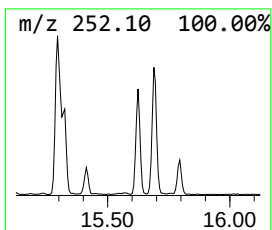
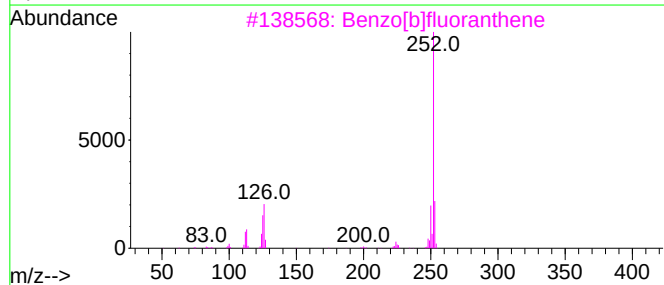
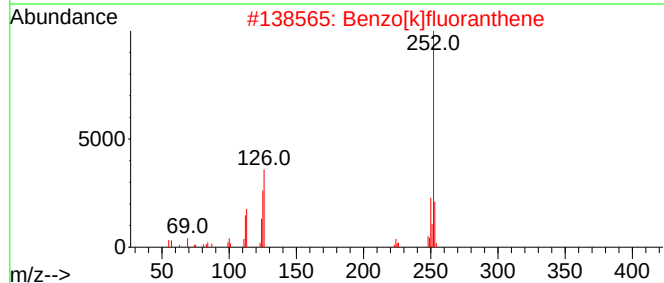
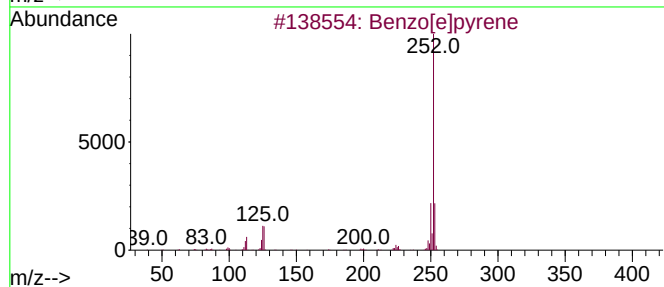
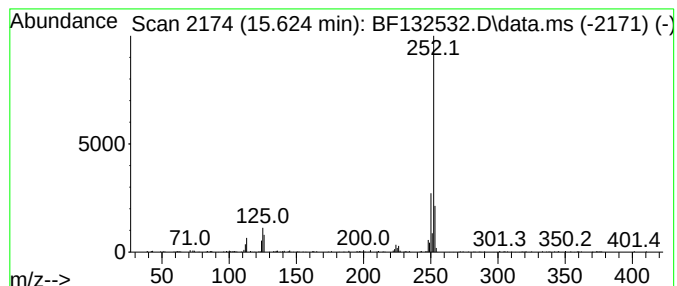
Instrument :
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ClientSampleId :
UGT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.624	5.25 ng	214676	Perylene-d12	15.760	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UGT

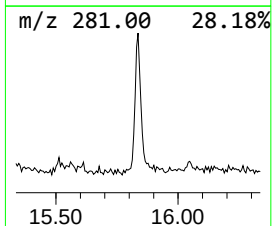
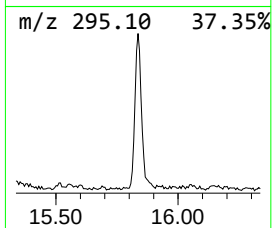
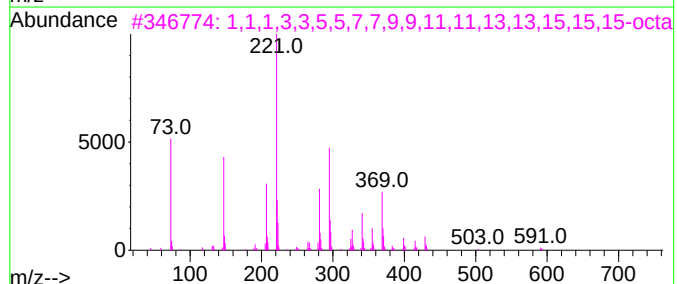
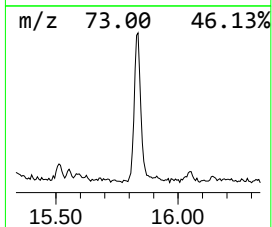
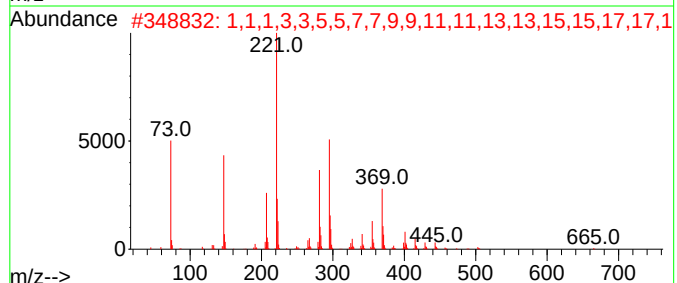
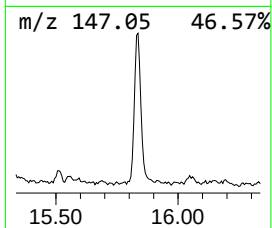
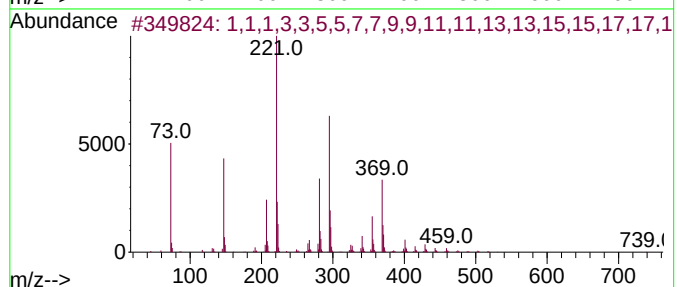
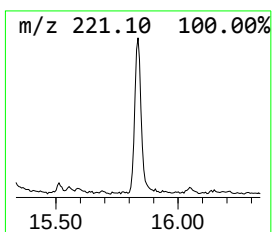
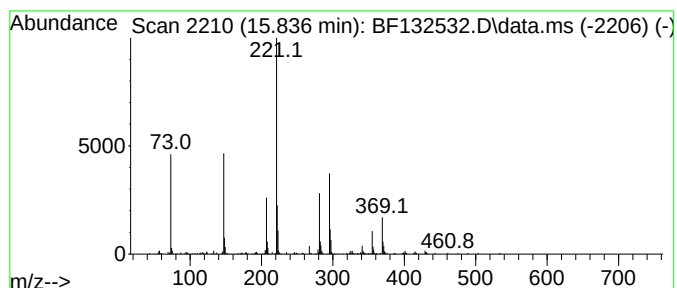
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptasiloxane, hexadecamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.836	11.69 ng	478042	Perylene-d12	15.760

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	754 C22H66O9Si10	000556-70-7	91		
2	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	680 C20H60O8Si9	002652-13-3	91		
3	1,1,1,3,3,5,5,7,7,9,9,11,11,13,1...	606 C18H54O7Si8	000556-69-4	91		
4	Heptasiloxane, hexadecamethyl-	532 C16H48O6Si7	000541-01-5	72		
5	4-Hydroxybenzyl alcohol, 2TBDMS ...	352 C19H36O2Si2	1000364-43-9	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF0222323\
Data File : BF132532.D
Acq On : 23 Feb 2023 21:28
Operator : CG\JU
Sample : 01654-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UGT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.248	41.6	ng	1892500	1	7.007	910735	20.0
10-Methylnonade...	9.436	4.1	ng	228841	3	10.054	1120690	20.0
Naphthalene, 1,...	9.631	4.2	ng	236959	3	10.054	1120690	20.0
Naphthalene, 2,...	9.707	3.1	ng	174869	3	10.054	1120690	20.0
unknown9.760	9.760	6.2	ng	348454	3	10.054	1120690	20.0
unknown9.966	9.966	4.6	ng	255571	3	10.054	1120690	20.0
Hexadecane	10.472	6.3	ng	350318	3	10.054	1120690	20.0
Tridecane	10.689	4.4	ng	245983	3	10.054	1120690	20.0
Benzophenone	10.766	4.3	ng	242443	3	10.054	1120690	20.0
Tridecane, 5-pr...	10.960	11.1	ng	558556	4	11.548	1011030	20.0
Octadecane	11.395	3.5	ng	177946	4	11.548	1011030	20.0
Dodecane	11.425	3.0	ng	154242	4	11.548	1011030	20.0
n-Hexadecanoic ...	12.060	6.4	ng	323783	4	11.548	1011030	20.0
1,1,1,3,3,5,5,7...	13.589	3.7	ng	236058	5	14.207	1261940	20.0
unknown14.030	14.030	11.8	ng	744467	5	14.207	1261940	20.0
unknown14.442	14.442	7.3	ng	461910	5	14.207	1261940	20.0
unknown14.842	14.842	10.4	ng	659212	5	14.207	1261940	20.0
Benzo[e]pyrene	15.624	5.3	ng	214676	6	15.760	817617	20.0
Heptasiloxane, ...	15.836	11.7	ng	478042	6	15.760	817617	20.0