

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134668.D
 Acq On : 08 Aug 2023 13:12
 Operator : CG\JU
 Sample : 03898-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-4-080323

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-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	563	567	571	rVB	2893523	2760001	15.07%	2.945%
2	6.434	734	739	742	rBV	2660698	2632197	14.38%	2.809%
3	6.798	797	801	805	rBV	1347896	1045799	5.71%	1.116%
4	7.357	893	896	899	rVV	2074288	1681363	9.18%	1.794%
5	8.075	1013	1018	1021	rBV2	1634280	1714324	9.36%	1.829%
6	8.369	1063	1068	1071	rVV4	223558	338305	1.85%	0.361%
7	8.457	1081	1083	1086	rVV3	251002	234023	1.28%	0.250%
8	8.498	1086	1090	1092	rVV2	305124	309610	1.69%	0.330%
9	8.581	1101	1104	1107	rBV2	379746	297812	1.63%	0.318%
10	8.669	1116	1119	1123	rBV	919828	833401	4.55%	0.889%
11	8.734	1128	1130	1132	rVV	225476	191518	1.05%	0.204%
12	8.898	1154	1158	1160	rBV2	343889	280537	1.53%	0.299%
13	9.039	1177	1182	1184	rVB4	247867	307260	1.68%	0.328%
14	9.104	1190	1193	1198	rVV2	377919	379364	2.07%	0.405%
15	9.151	1198	1201	1204	rVV	3221598	2637517	14.40%	2.814%
16	9.239	1212	1216	1220	rBV	1337913	1154282	6.30%	1.232%
17	9.304	1224	1227	1229	rVB	247442	191724	1.05%	0.205%
18	9.422	1240	1247	1250	rBV5	254384	379578	2.07%	0.405%
19	9.492	1257	1259	1261	rVV3	249373	244558	1.34%	0.261%
20	9.516	1261	1263	1265	rVV2	259905	200297	1.09%	0.214%
21	9.557	1265	1270	1272	rVV4	636939	696555	3.80%	0.743%
22	9.581	1272	1274	1277	rVV2	381025	318455	1.74%	0.340%
23	9.616	1277	1280	1283	rVB2	328021	287361	1.57%	0.307%
24	9.692	1290	1293	1298	rBV	229397	244088	1.33%	0.260%
25	9.769	1303	1306	1310	rVB	1576756	1151227	6.29%	1.228%
26	9.834	1310	1317	1320	rBV	1459978	1444301	7.89%	1.541%
27	10.010	1342	1347	1348	rBV2	174972	270003	1.47%	0.288%
28	10.028	1348	1350	1353	rVV2	200264	233718	1.28%	0.249%
29	10.092	1357	1361	1364	rVV3	329663	369660	2.02%	0.394%
30	10.269	1388	1391	1394	rVV	1384811	1170777	6.39%	1.249%
31	10.492	1423	1429	1431	rBV	626917	775568	4.24%	0.828%
32	10.586	1441	1445	1447	rBV3	259099	410909	2.24%	0.438%
33	10.622	1447	1451	1455	rVB2	1591567	1624503	8.87%	1.733%
34	10.751	1469	1473	1479	rBV2	1728459	2537079	13.86%	2.707%
35	10.810	1479	1483	1485	rVV	1726875	1481433	8.09%	1.581%
36	10.845	1485	1489	1492	rVV2	1812894	2287802	12.49%	2.441%

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.875	1492	1494	1496	rVV2	1866698	1637292	8.94%	1.747%
38	10.898	1496	1498	1501	rVV	1181440	1006893	5.50%	1.074%
39	10.939	1501	1505	1507	rVV2	822253	1245986	6.80%	1.330%
40	10.957	1507	1508	1510	rVV	895761	569581	3.11%	0.608%
41	10.986	1510	1513	1517	rVV3	1542945	1904679	10.40%	2.032%
42	11.028	1517	1520	1522	rVV	1794593	1729535	9.45%	1.846%
43	11.069	1525	1527	1532	rVB2	1128332	991551	5.42%	1.058%
44	11.198	1545	1549	1551	rBV	1245815	1115637	6.09%	1.190%
45	11.222	1551	1553	1558	rVB	501434	578252	3.16%	0.617%
46	11.322	1567	1570	1572	rBV	1386382	1119296	6.11%	1.194%
47	11.345	1572	1574	1576	rVB	380060	269422	1.47%	0.287%
48	11.628	1618	1622	1624	rBV	1040634	949326	5.18%	1.013%
49	11.733	1635	1640	1643	rVB	6854848	7073521	38.63%	7.548%
50	11.792	1643	1650	1652	rBV4	141285	204563	1.12%	0.218%
51	11.869	1658	1663	1670	rBV2	1383556	1691996	9.24%	1.805%
52	11.933	1670	1674	1677	rBV2	285686	366188	2.00%	0.391%
53	12.033	1688	1691	1697	rBV	1126711	991757	5.42%	1.058%
54	12.375	1746	1749	1752	rBV2	253422	288276	1.57%	0.308%
55	12.439	1752	1760	1762	rBV2	7601734	18310320	100.00%	19.538%
56	12.527	1772	1775	1779	rBV2	4476256	4551033	24.86%	4.856%
57	12.563	1779	1781	1782	rVV	1238818	1031581	5.63%	1.101%
58	12.580	1782	1784	1791	rVB3	1232652	1408314	7.69%	1.503%
59	12.651	1794	1796	1802	rVB3	414420	461745	2.52%	0.493%
60	12.769	1813	1816	1819	rVB	1064513	957010	5.23%	1.021%
61	12.798	1819	1821	1825	rBV	763355	708198	3.87%	0.756%
62	12.922	1838	1842	1847	rVB	3033094	2768676	15.12%	2.954%
63	13.157	1879	1882	1888	rBV2	733049	1052975	5.75%	1.124%
64	13.251	1896	1898	1901	rBV	470386	405198	2.21%	0.432%
65	13.363	1914	1917	1921	rBV3	385583	420375	2.30%	0.449%
66	13.504	1938	1941	1943	rBV	600494	511288	2.79%	0.546%
67	13.833	1994	1997	2005	rVB	642582	829645	4.53%	0.885%
68	13.927	2010	2013	2016	rBV	510634	447991	2.45%	0.478%
69	13.974	2016	2021	2023	rBV2	1058855	1447550	7.91%	1.545%
70	13.998	2023	2025	2027	rVB	412533	309052	1.69%	0.330%
71	14.151	2049	2051	2055	rVB	418286	369785	2.02%	0.395%
72	14.457	2101	2103	2106	rBV	394091	409862	2.24%	0.437%
73	15.451	2269	2272	2275	rVB	433412	464588	2.54%	0.496%

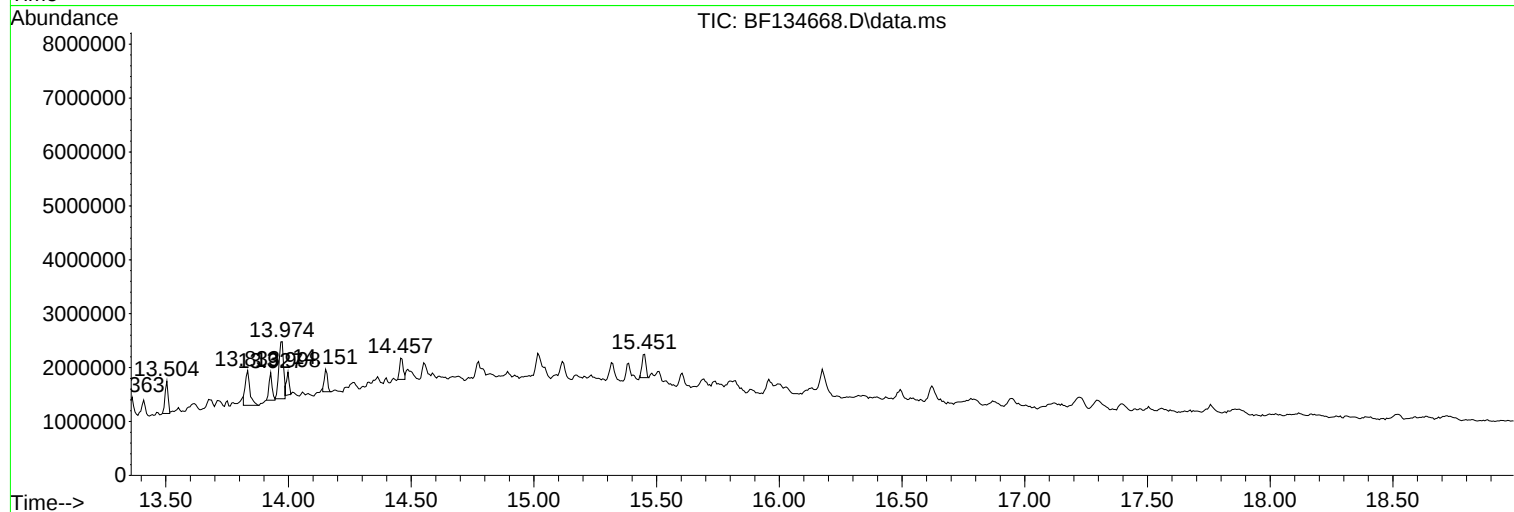
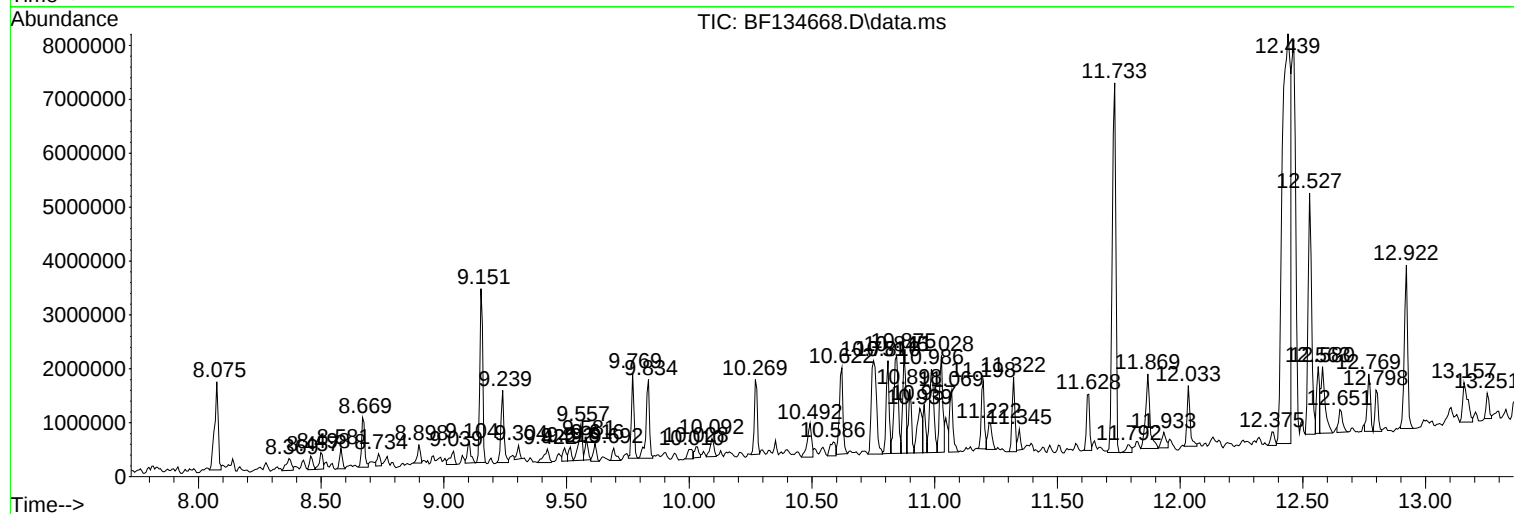
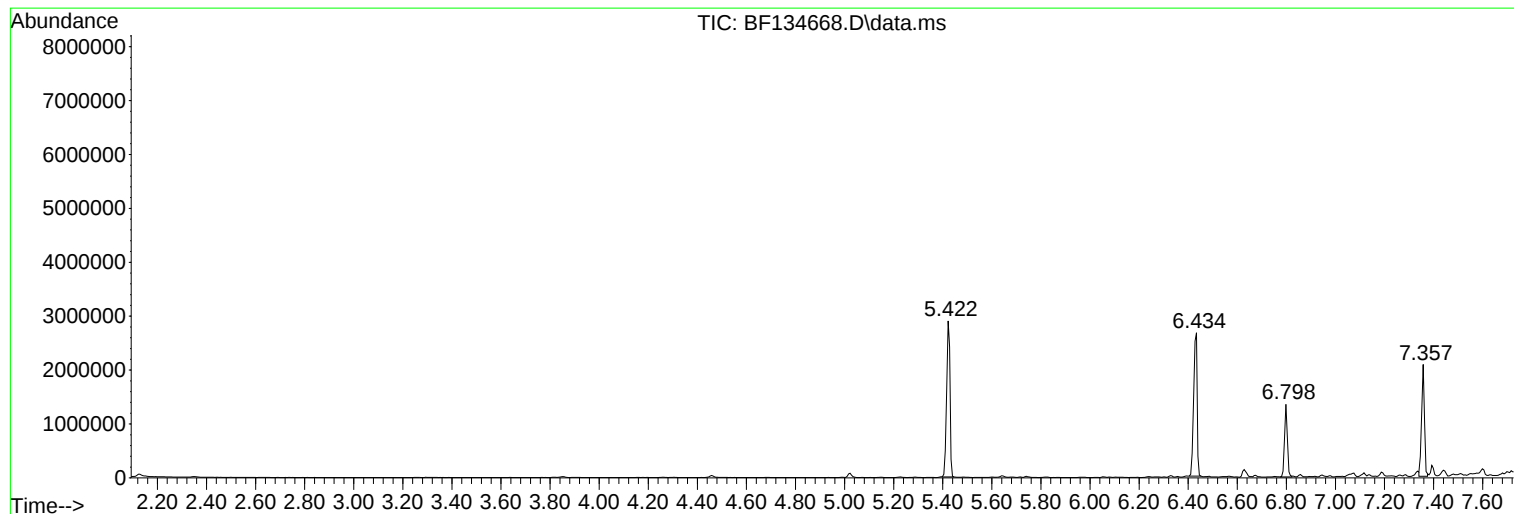
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Instrument :
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ClientSampleId :
TR-4-080323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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 : 03898-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-080323

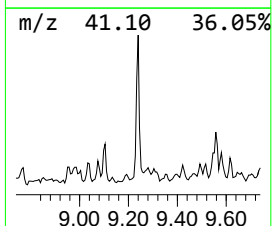
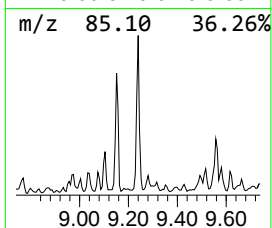
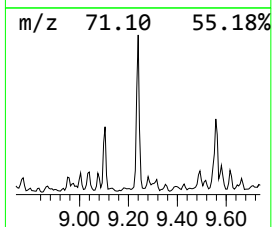
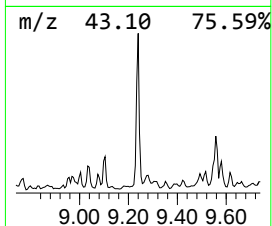
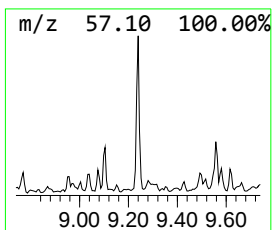
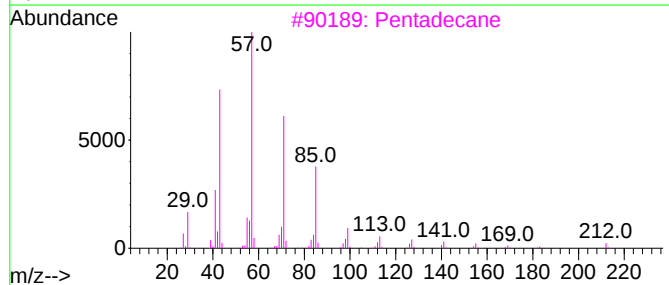
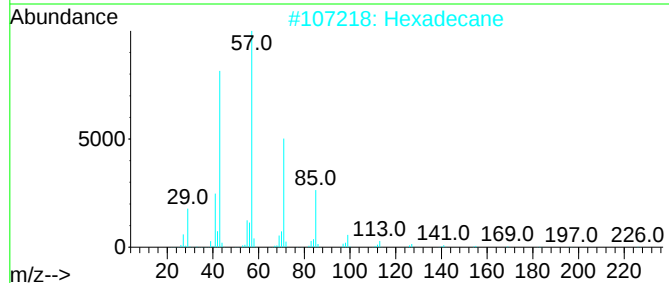
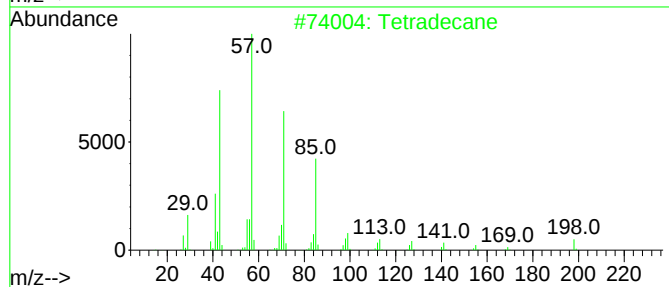
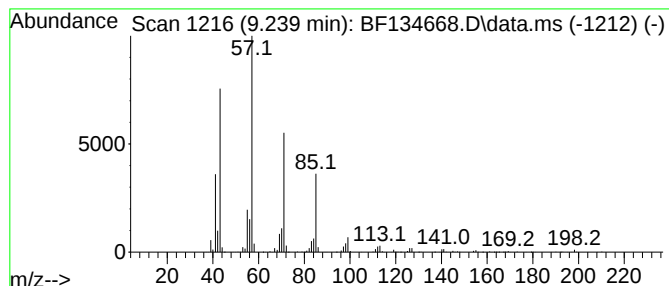
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	15.98 ng	1154280	Acenaphthene-d10	9.834

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



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Instrument :
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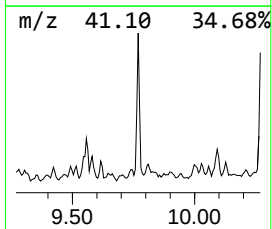
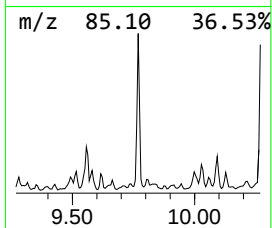
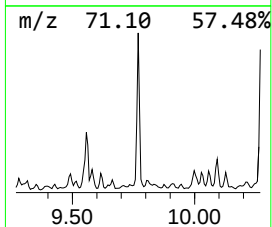
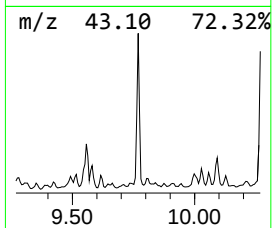
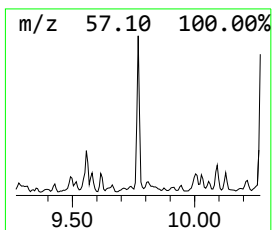
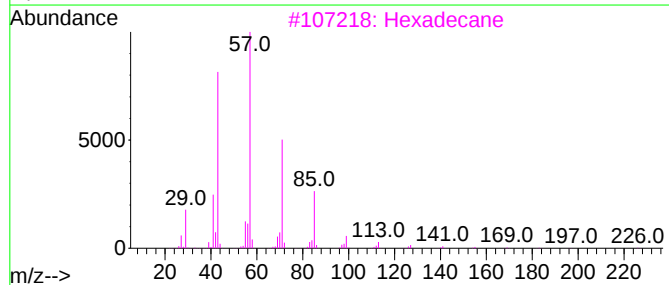
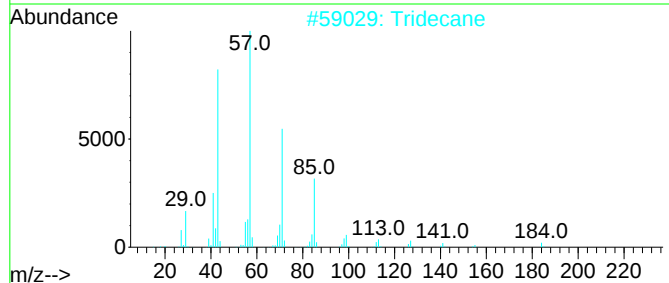
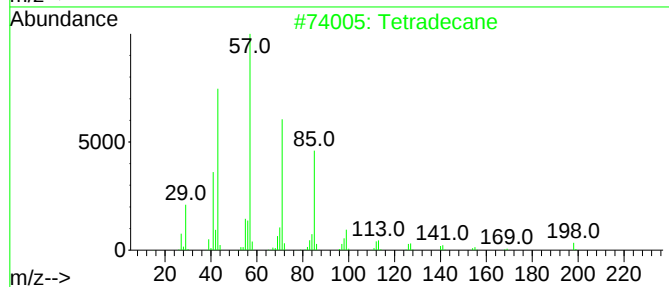
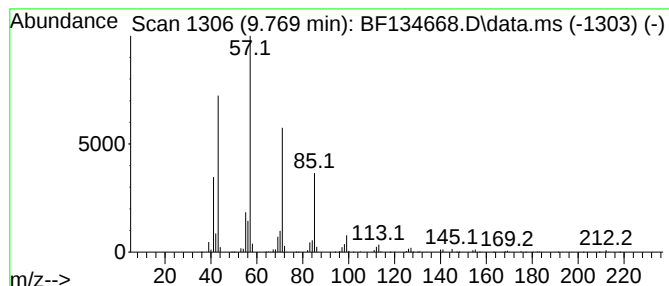
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	15.94 ng	1151230	Acenaphthene-d10	9.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Tridecane	184	C13H28	000629-50-5	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86



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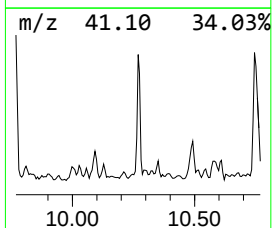
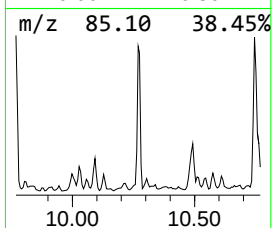
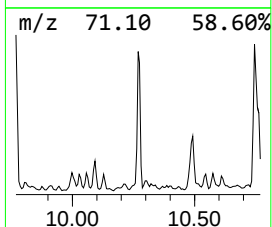
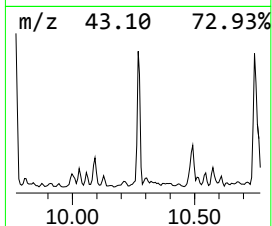
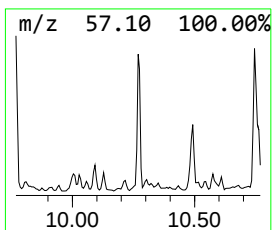
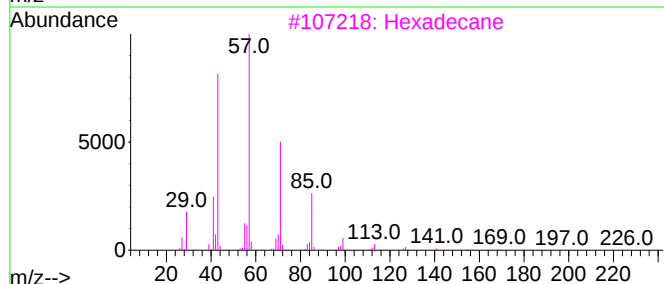
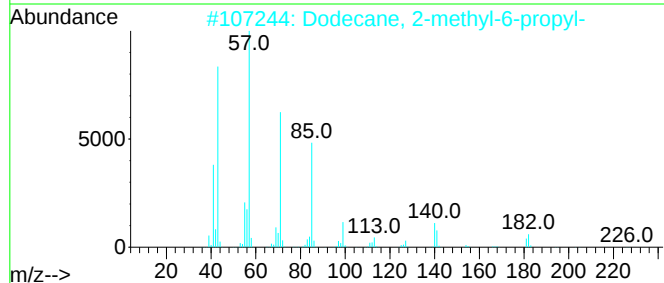
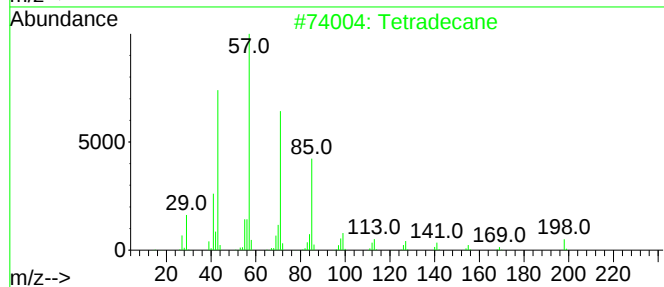
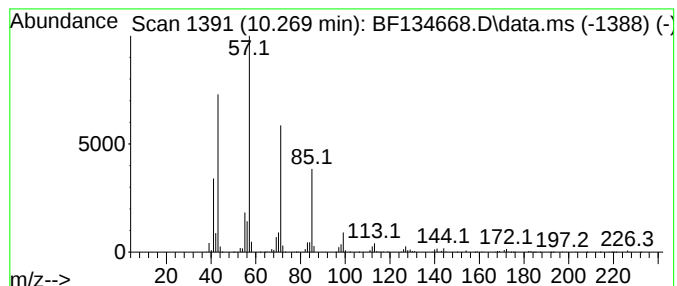
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.269	16.21 ng	1170780	Acenaphthene-d10		9.834	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane		198	C14H30	000629-59-4	90
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
3	Hexadecane		226	C16H34	000544-76-3	80
4	Tridecane		184	C13H28	000629-50-5	80
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	72



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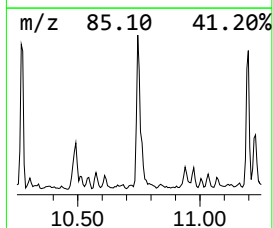
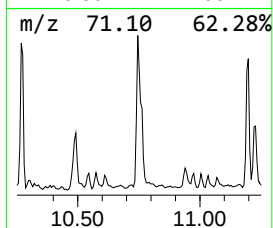
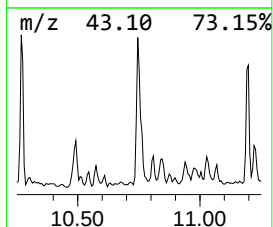
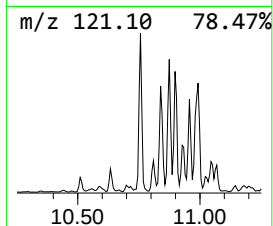
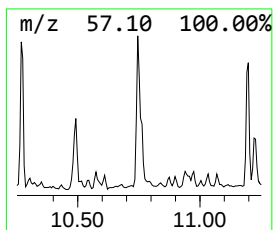
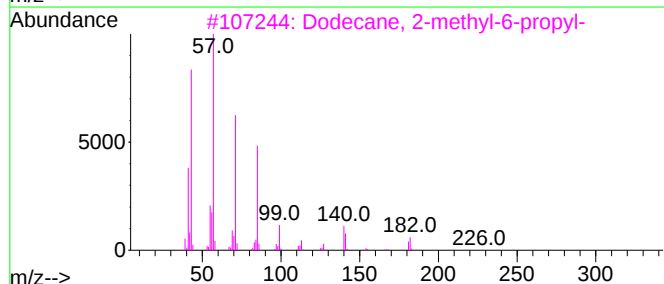
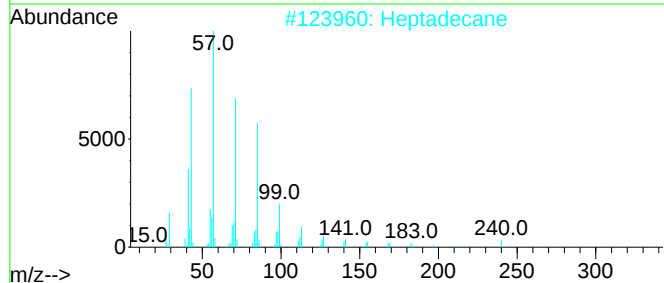
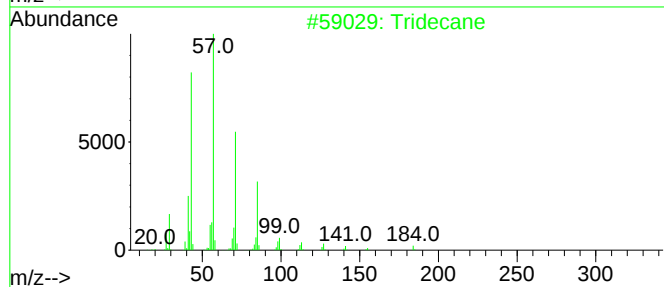
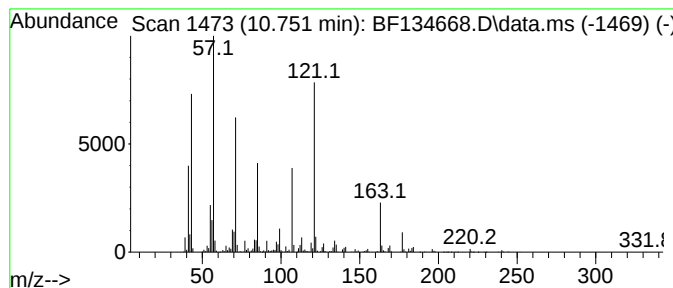
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	45.33 ng	2537080	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Heptadecane	240	C17H36	000629-78-7	86
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	55
4			Hexadecane	226	C16H34	000544-76-3	38
5			Heneicosane	296	C21H44	000629-94-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-080323

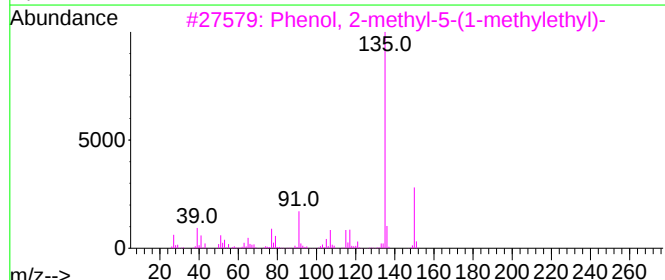
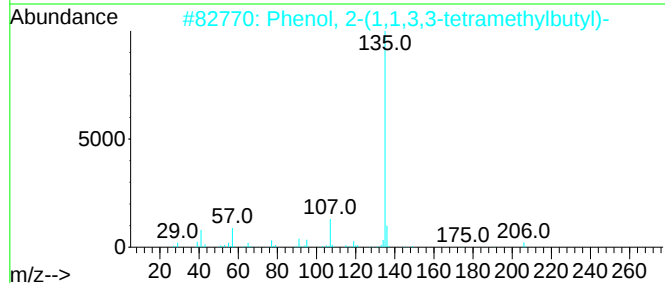
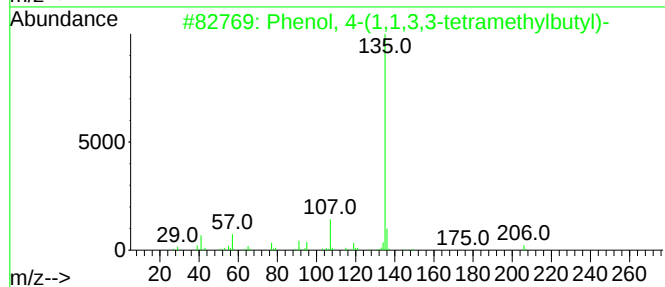
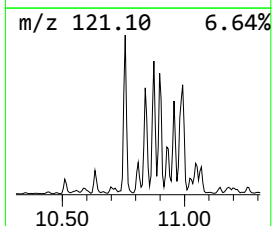
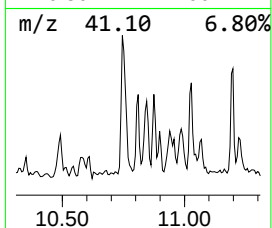
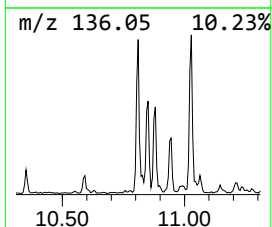
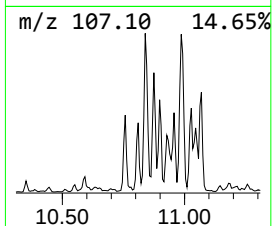
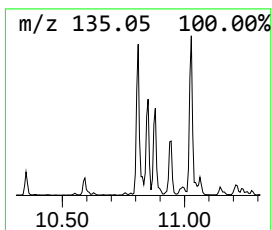
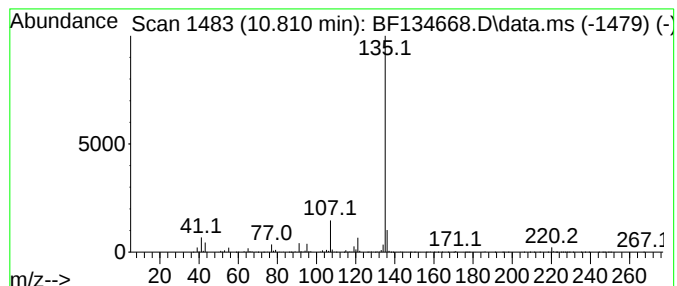
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	26.47 ng	1481430	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2			Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	86
3			Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
4			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
5			N-(3-Ethylphenyl)-3-methoxybenza...	351	C18H16F3NO3	1000492-37-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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Acq On : 08 Aug 2023 13:12
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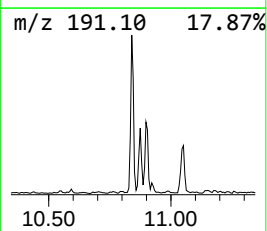
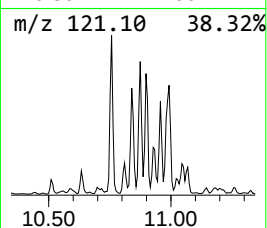
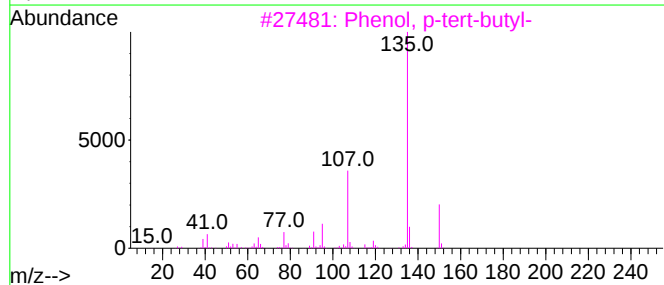
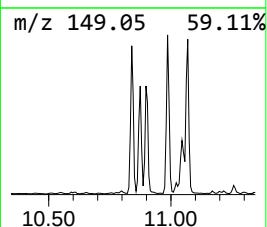
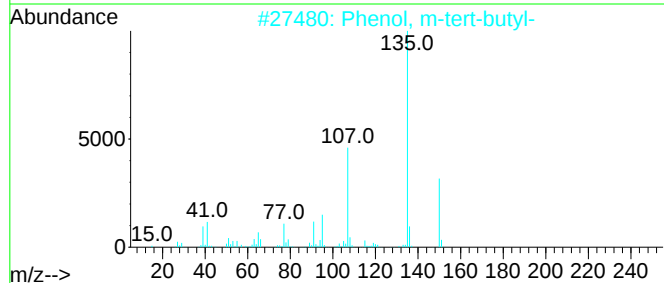
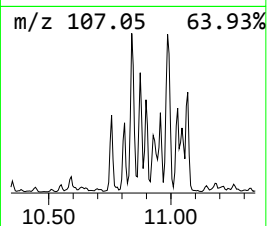
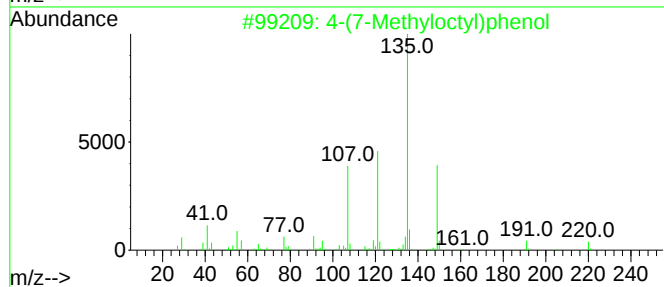
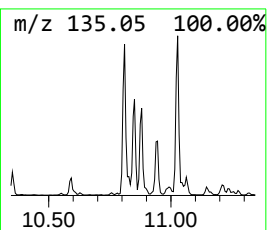
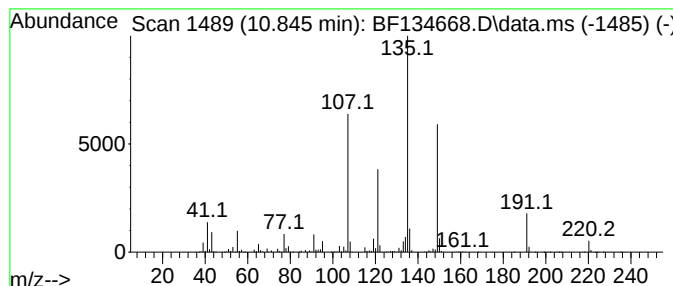
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4-(7-Methyloctyl)phenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	40.88 ng	2287800	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	76
2		Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
3		Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	50
4		3-Penten-2-one, 4-(2,6,6-trimeth...	206	C14H22O	114933-28-7	50
5		Hexestrol	270	C18H22O2	000084-16-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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Acq On : 08 Aug 2023 13:12
Operator : CG\JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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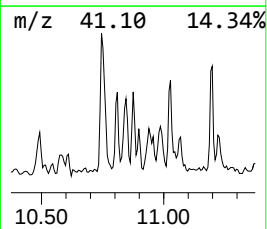
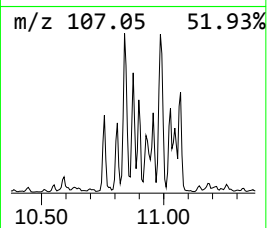
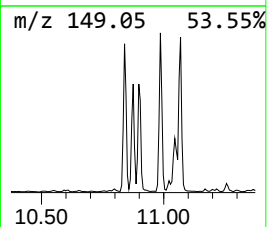
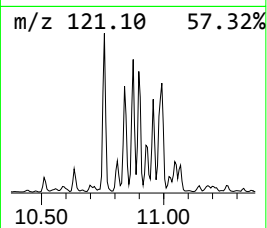
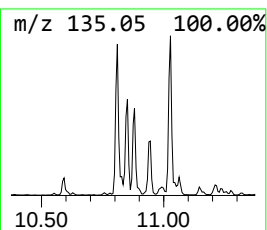
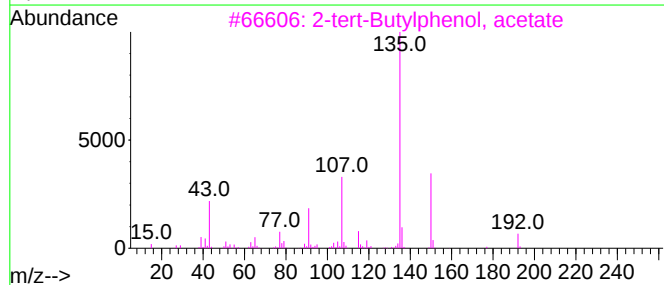
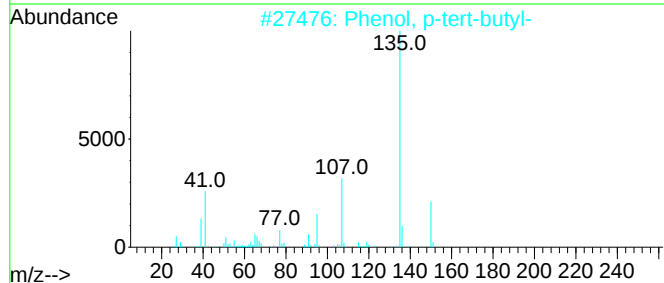
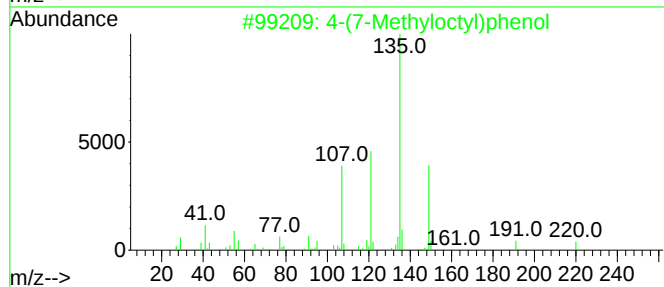
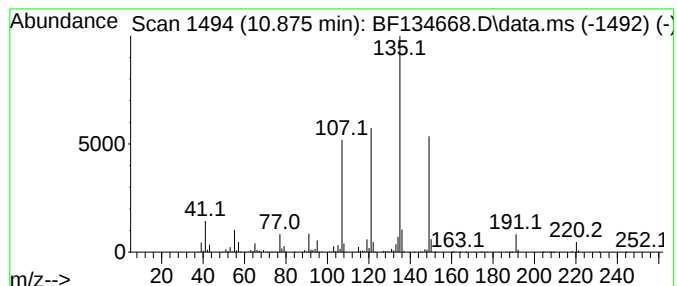
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenol, p-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.875	29.26 ng	1637290	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol			220	C15H24O	024518-48-7	98
2	Phenol, p-tert-butyl-			150	C10H14O	000098-54-4	58
3	2-tert-Butylphenol, acetate			192	C12H16O2	003245-25-8	50
4	Imidazo[1,2-c]pyrimidin-5-ol			135	C6H5N3O	055662-66-3	50
5	Hexestrol, O-heptafluorobutyryl-			466	C22H21F7O3	1000365-31-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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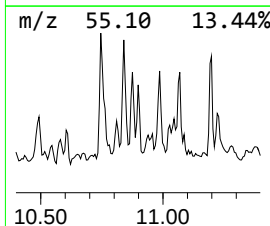
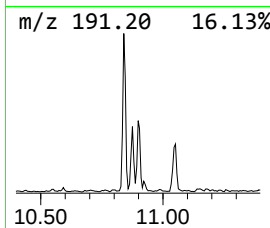
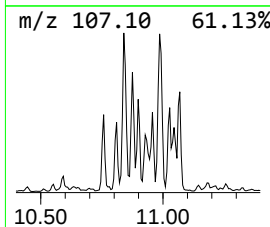
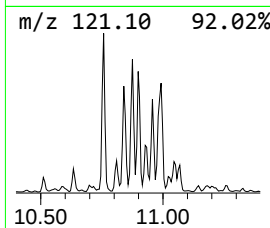
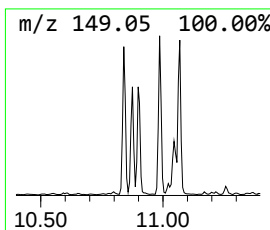
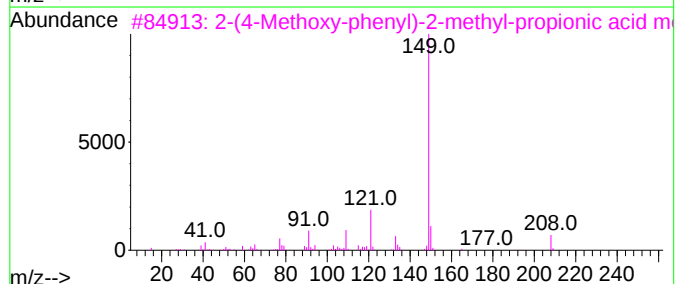
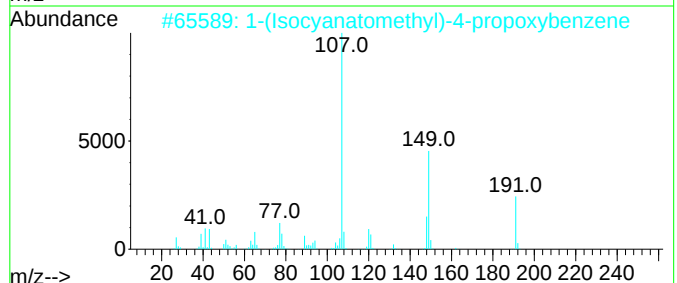
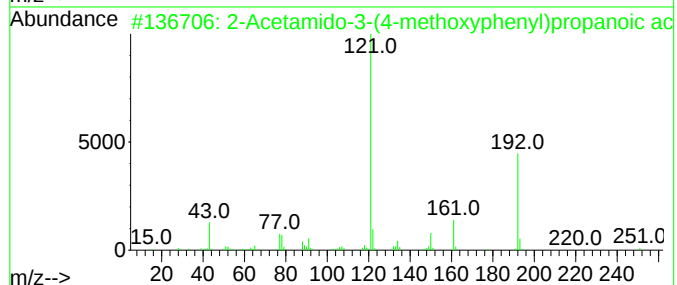
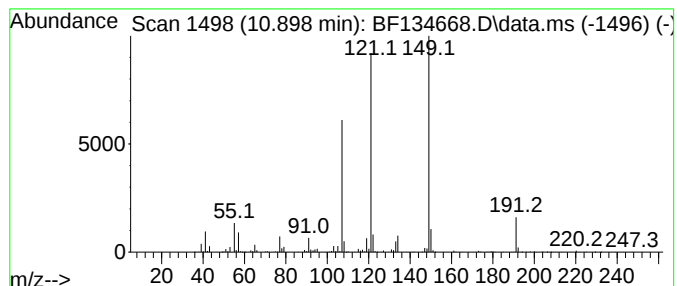
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.898 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	17.99 ng	1006890	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamido-3-(4-methoxyphenyl)p...	251	C13H17NO4	070529-50-9	35		
2	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	35		
3	2-(4-Methoxy-phenyl)-2-methyl-pr...	208	C12H16O3	006274-50-6	35		
4	4,5,7-Trimethyl-4,5,6,7-tetrahyd...	164	C10H16N2	113849-86-8	35		
5	Isoxazole, 4,5-dihydro-5-[(4-met...	191	C11H13NO2	1010362-14-0	30		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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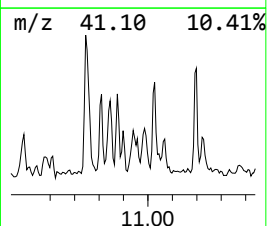
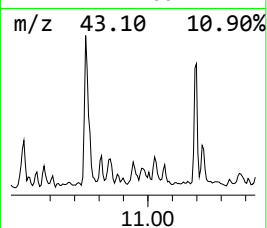
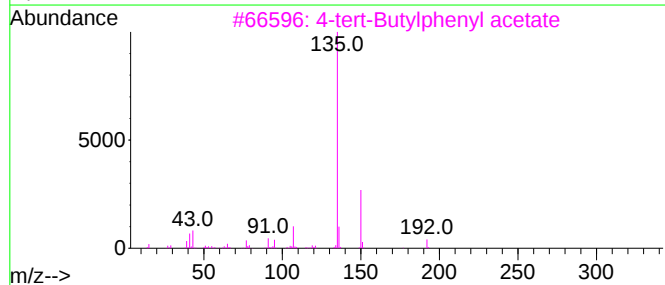
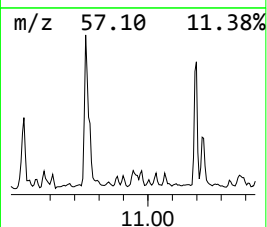
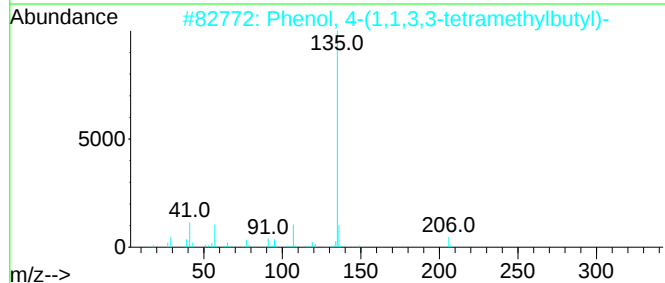
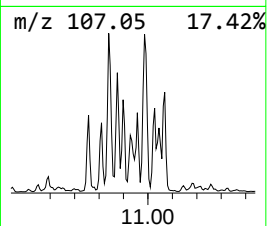
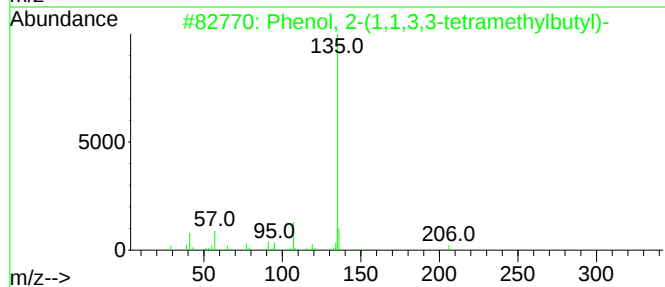
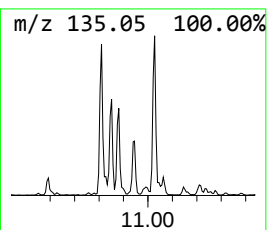
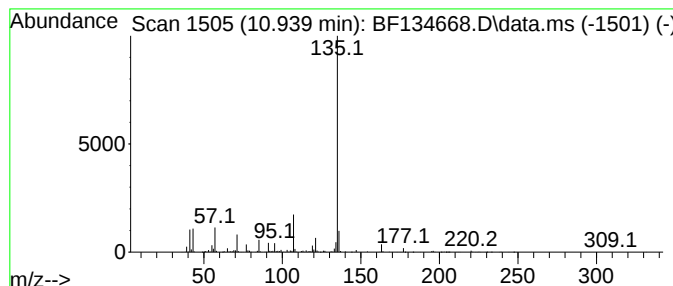
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.939	22.26 ng	1245990	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	80
2			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4			4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
5			Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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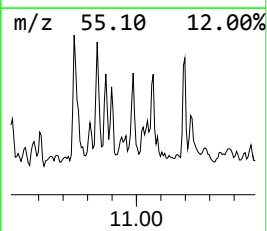
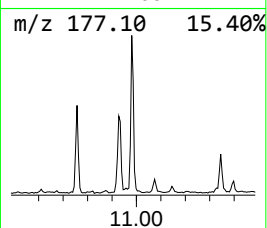
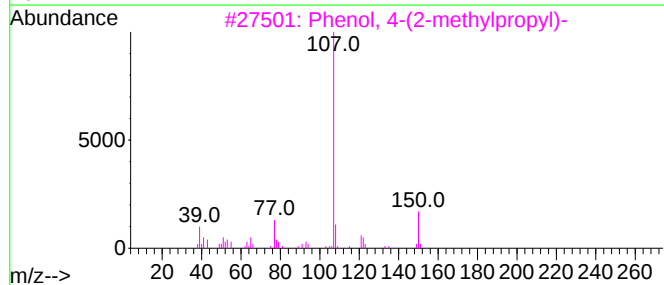
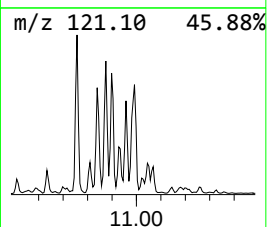
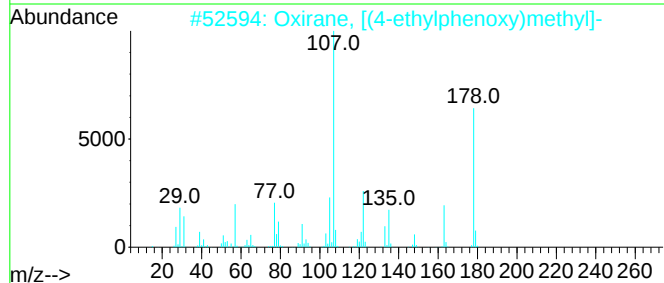
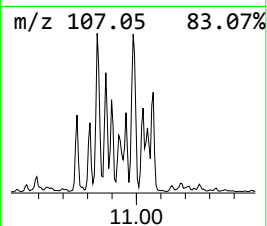
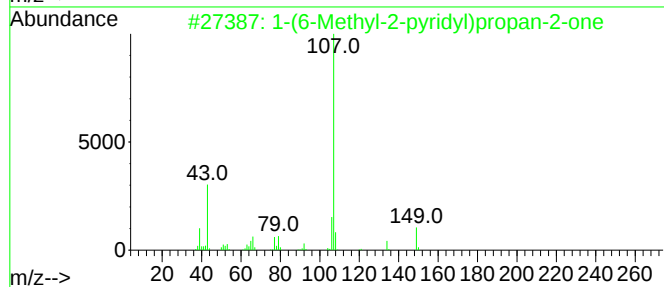
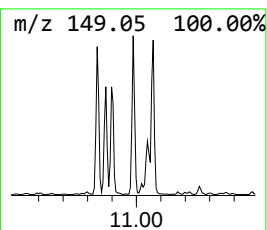
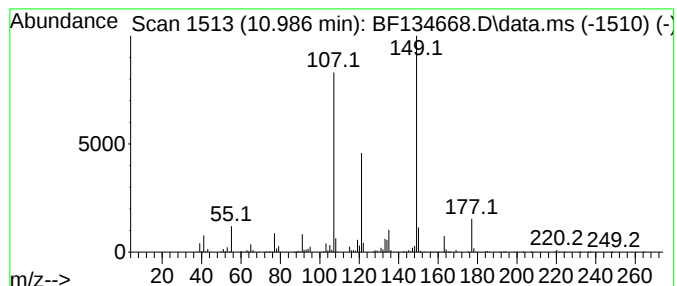
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	34.03 ng	1904680	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	59
2		Oxirane, [(4-ethylphenoxy)methyl]-	178	C11H14O2	002930-02-1	38
3		Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	38
4		Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	35
5		2-tert-Butyl-6-methyl-phenol, ac...	206	C13H18O2	125829-28-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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Acq On : 08 Aug 2023 13:12
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
TR-4-080323

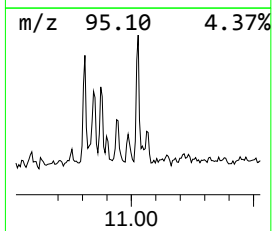
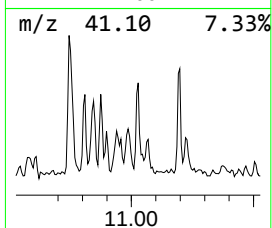
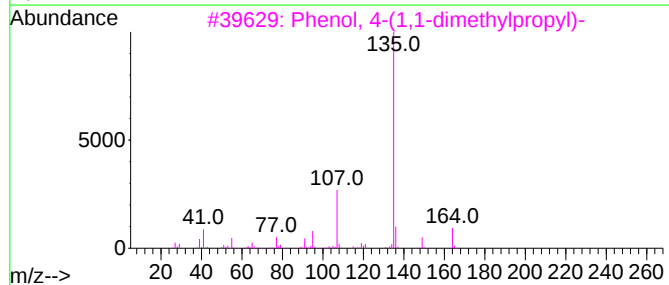
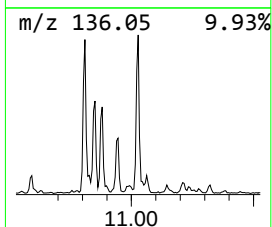
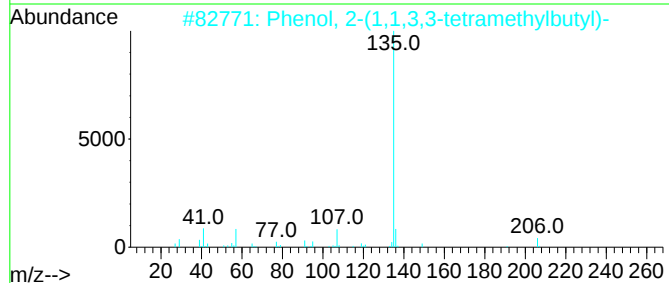
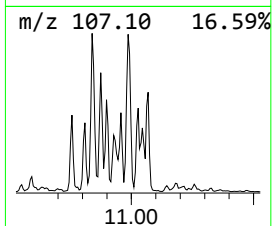
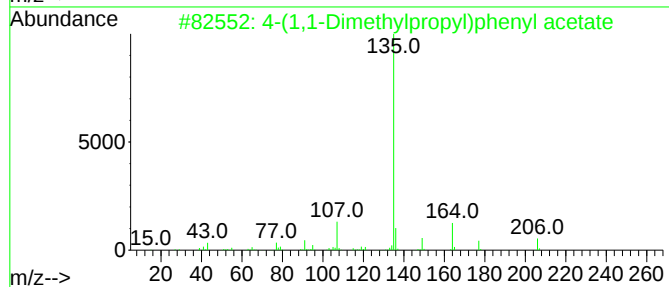
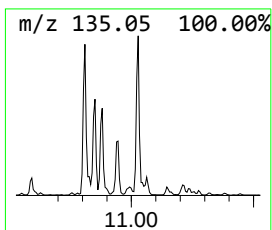
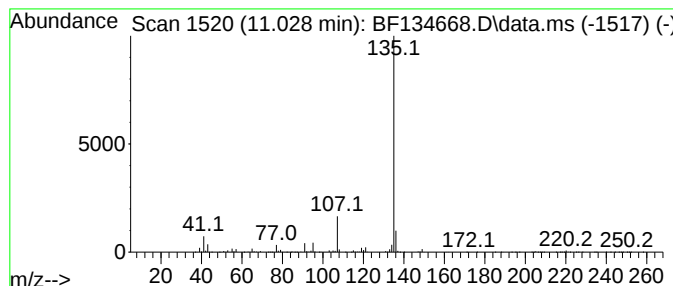
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.028	30.90 ng	1729540	Phenanthrene-d10	11.322

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83	
2	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78	
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78	
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78	
5	Hexestrol, O-(n-propyloxycarbonyl)-	356	C22H28O4	1000487-65-1	72	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-080323

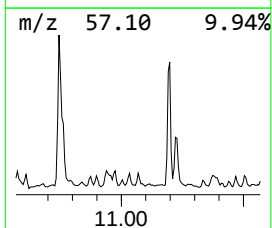
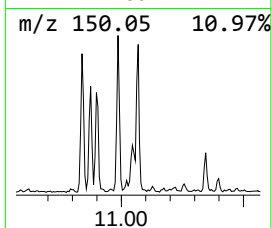
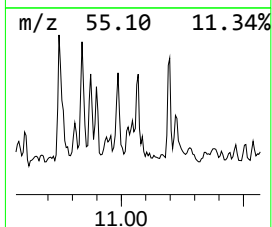
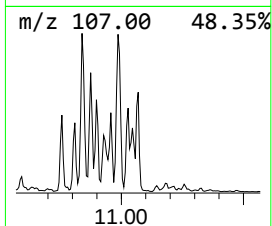
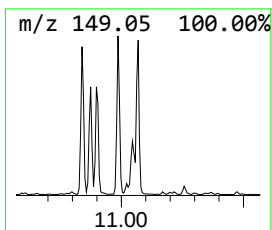
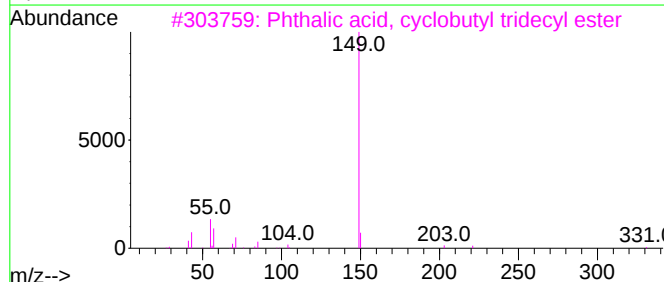
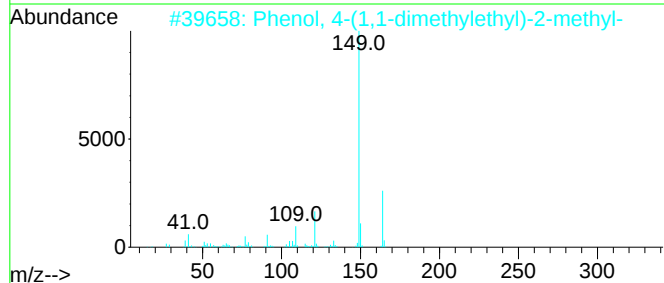
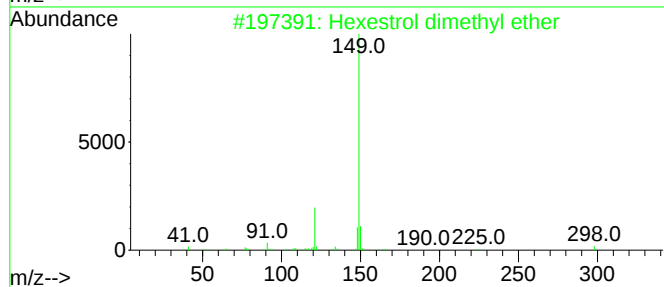
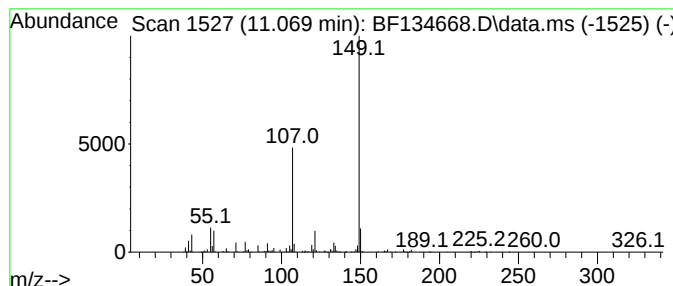
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown11.069 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	17.72 ng	991551	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	47
2			Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	47
3			Phthalic acid, cyclobutyl tridec...	402	C25H38O4	1010314-90-8	47
4			Phthalic acid, cyclobutyl undecy...	374	C23H34O4	1000314-90-6	47
5			Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
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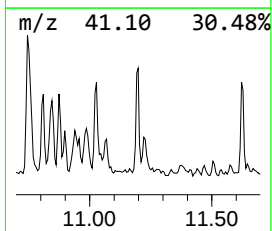
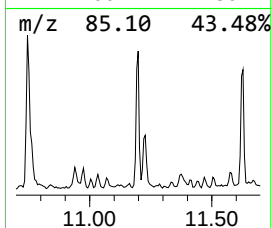
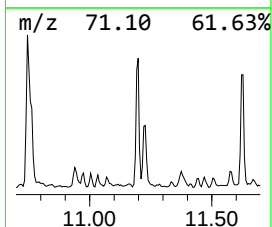
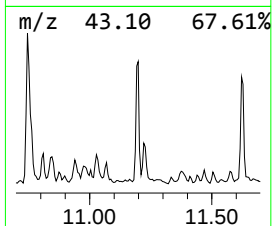
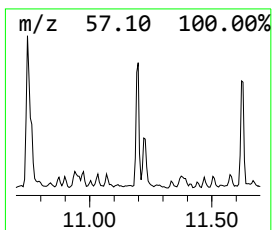
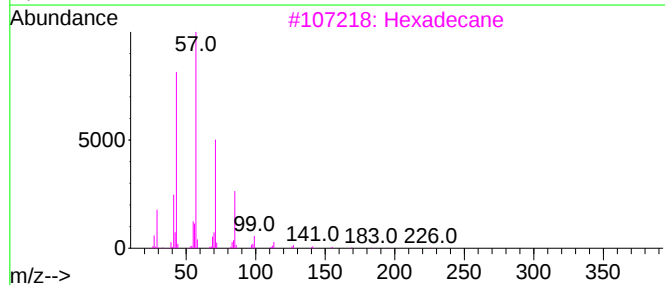
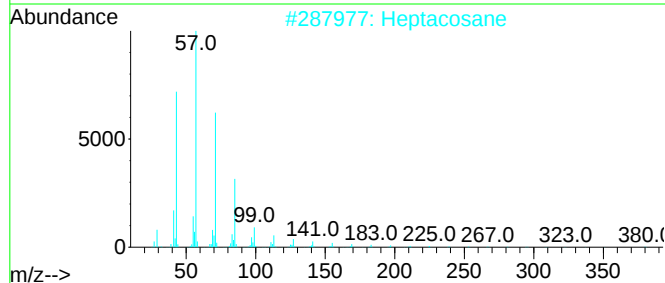
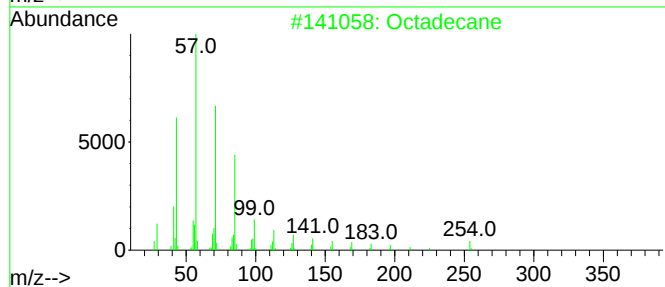
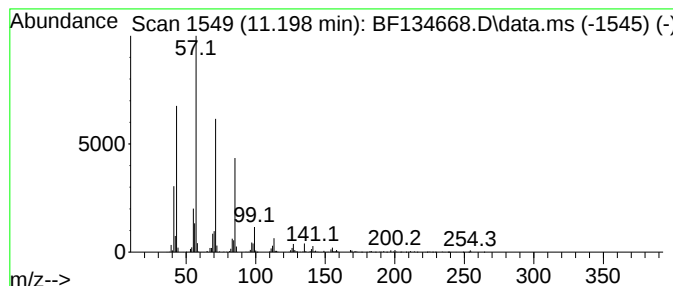
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.198	19.93 ng	1115640	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	94
2	Heptacosane		380	C27H56	000593-49-7	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-080323

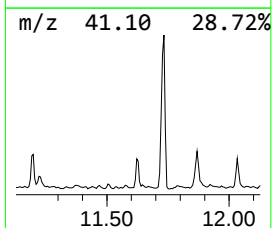
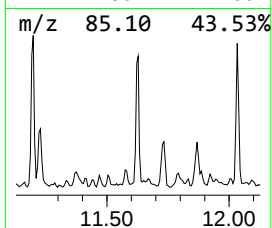
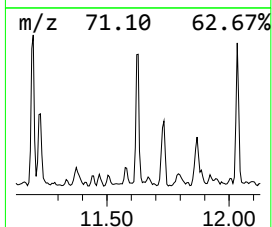
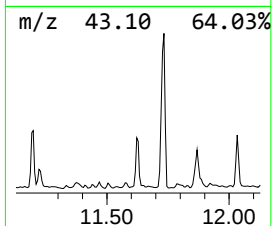
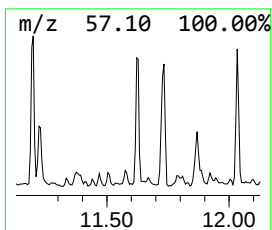
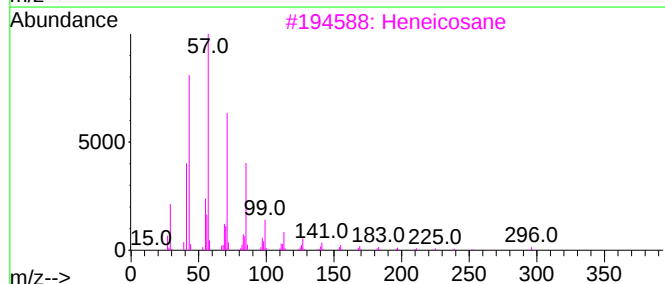
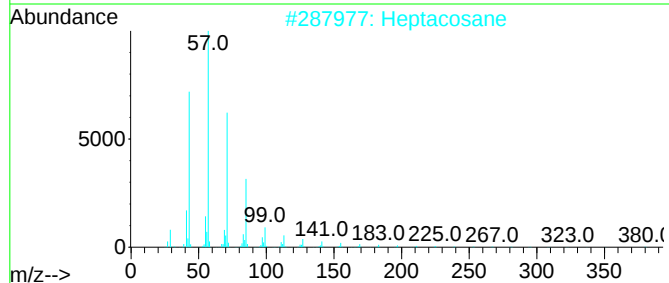
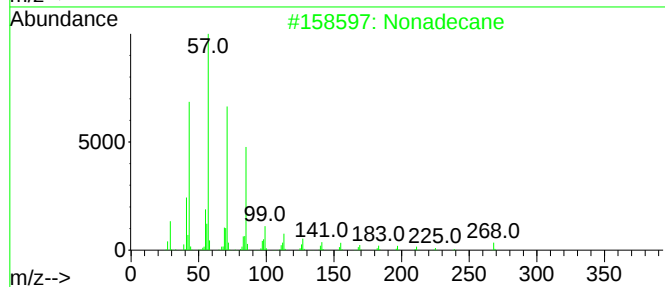
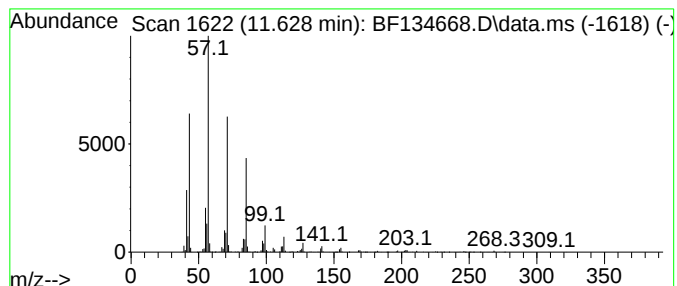
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	16.96 ng	949326	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	97
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-4-080323

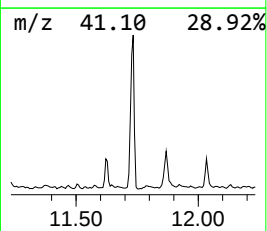
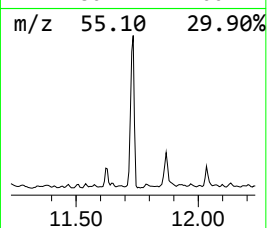
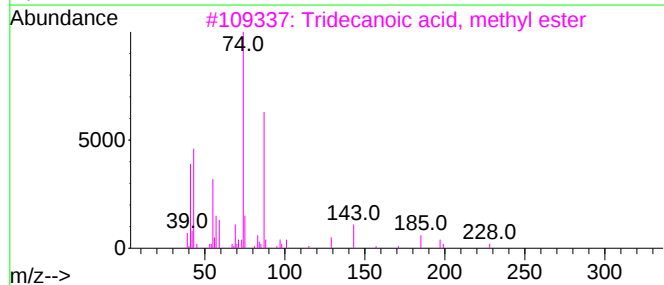
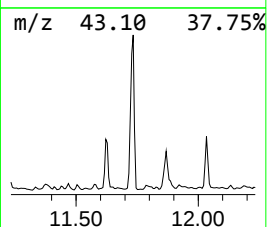
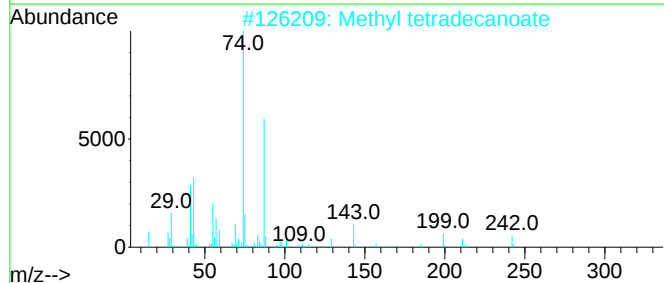
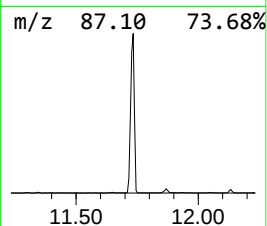
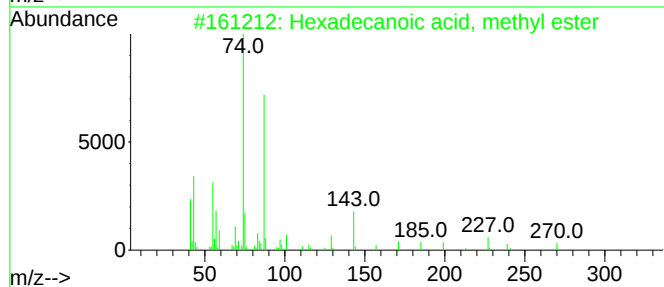
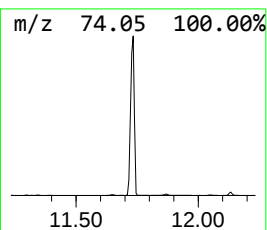
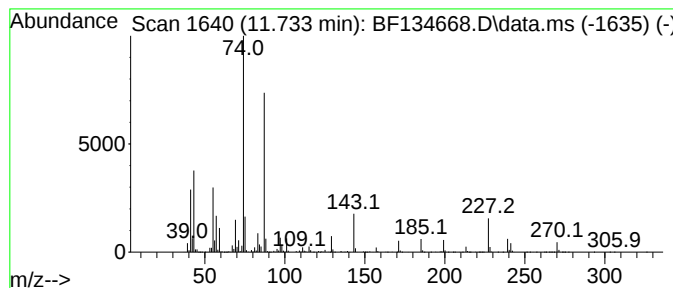
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.733	126.39 ng	7073520	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2			Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

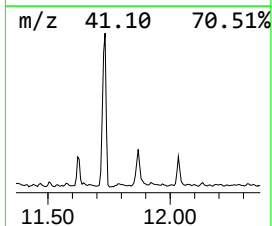
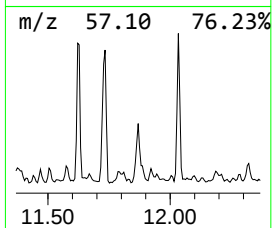
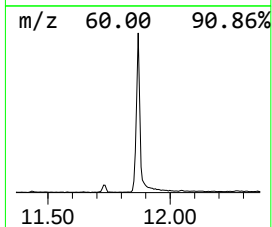
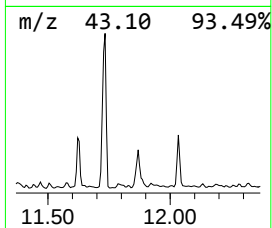
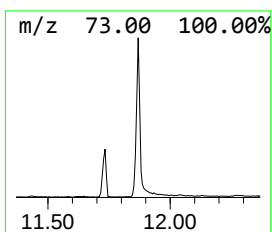
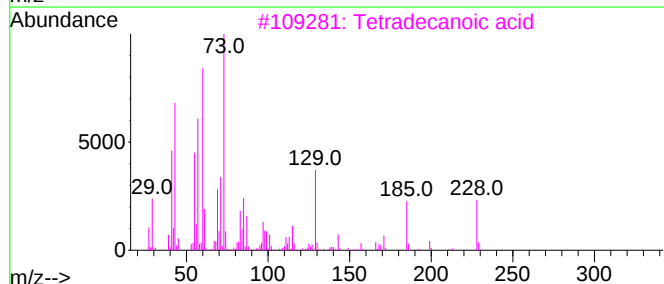
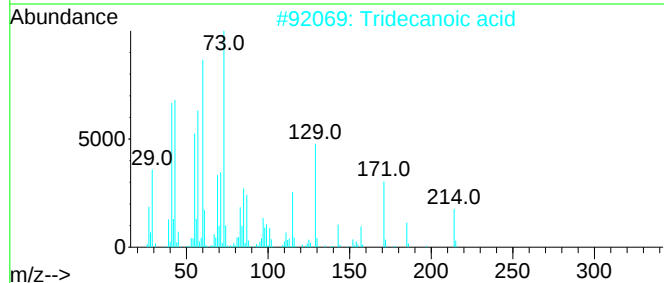
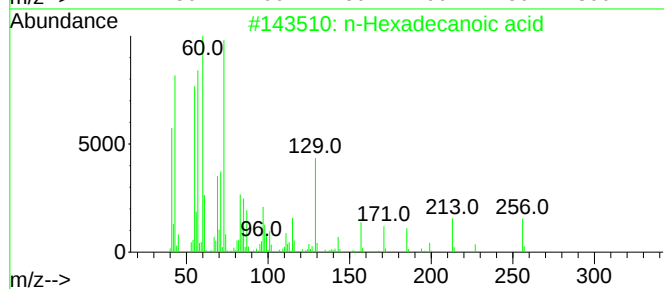
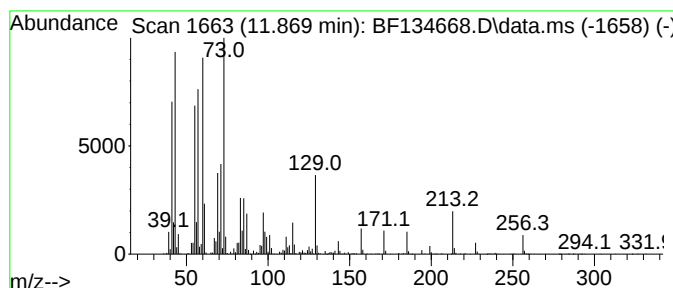
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.869	30.23 ng	1692000	Phenanthrene-d10	11.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
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Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

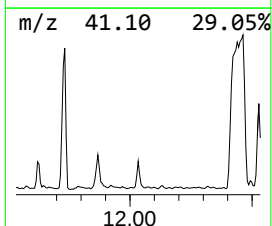
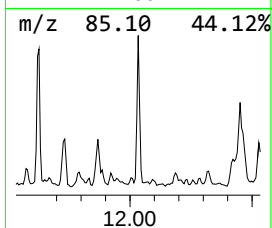
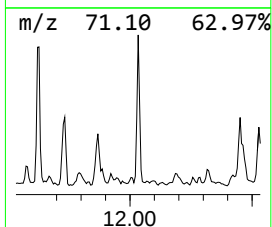
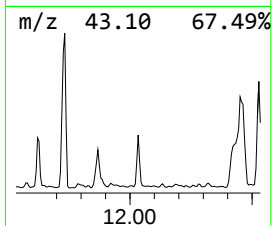
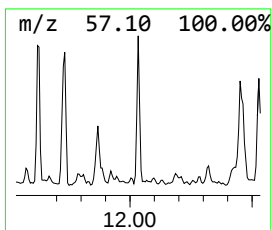
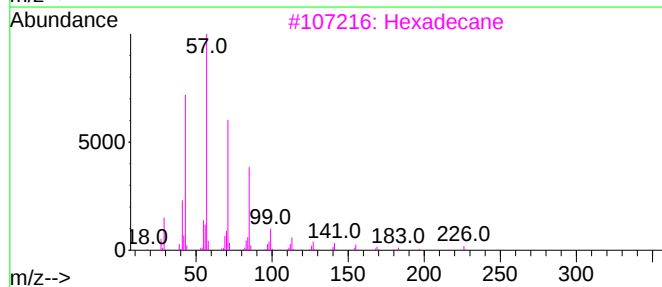
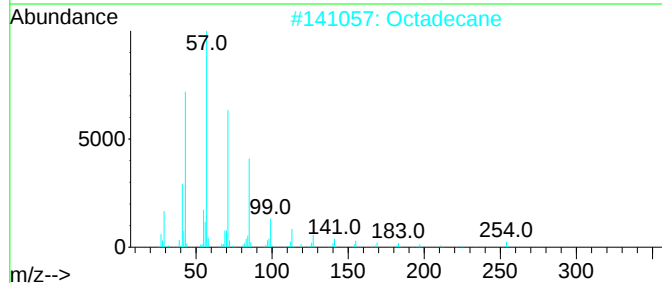
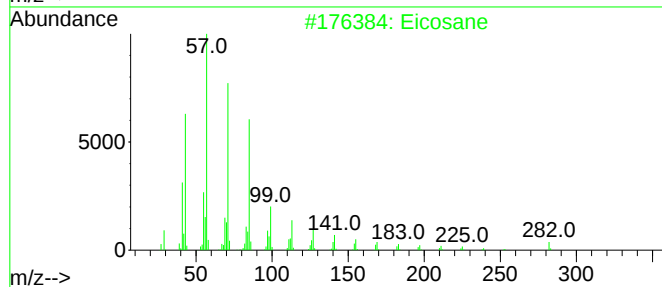
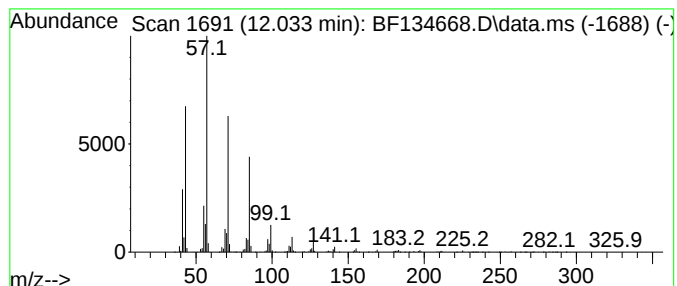
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.033	17.72 ng	991757	Phenanthrene-d10		11.322	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Octadecane		254	C18H38	000593-45-3	96
3	Hexadecane		226	C16H34	000544-76-3	93
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

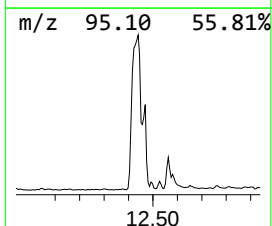
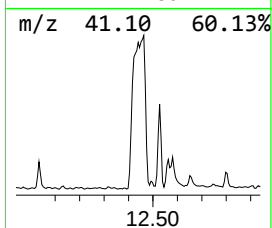
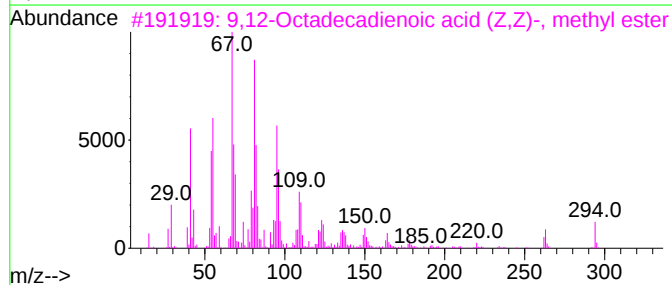
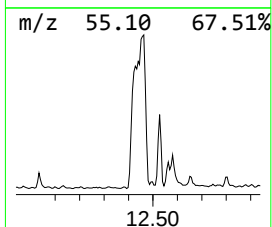
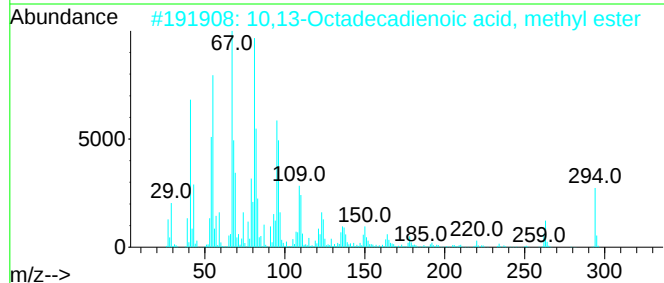
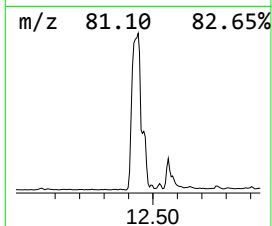
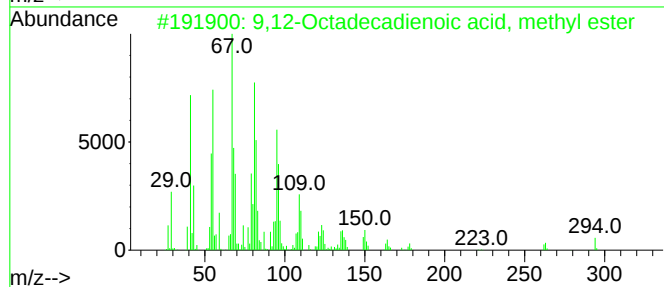
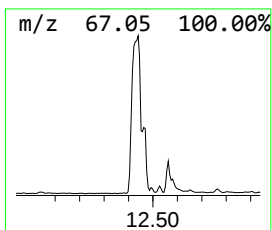
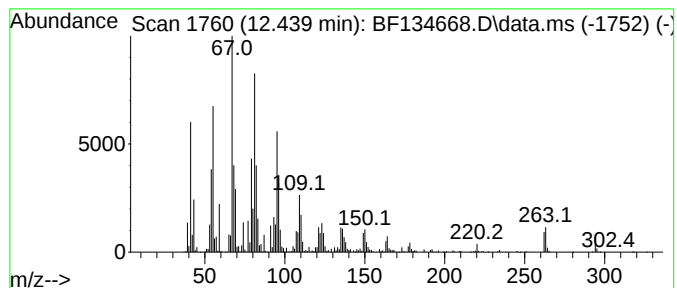
Instrument :
BNA_F
ClientSampleId :
TR-4-080323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	327.18 ng	18310300	Phenanthrene-d10	11.322
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99
2		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 99
3		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99
4		8,11-Octadecadienoic acid, methy...	294 C19H34O2	056599-58-7 99
5		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

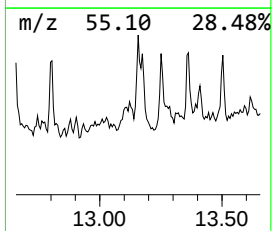
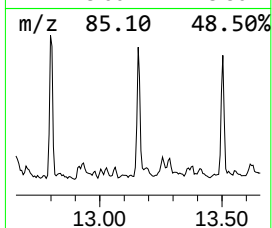
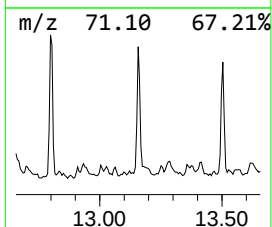
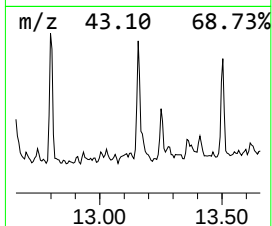
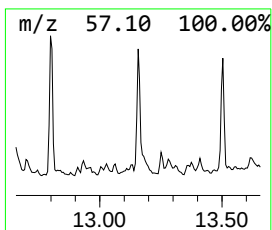
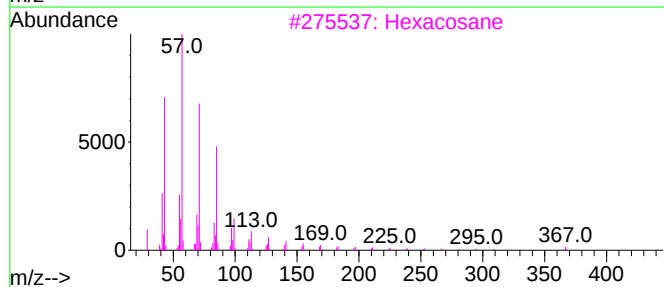
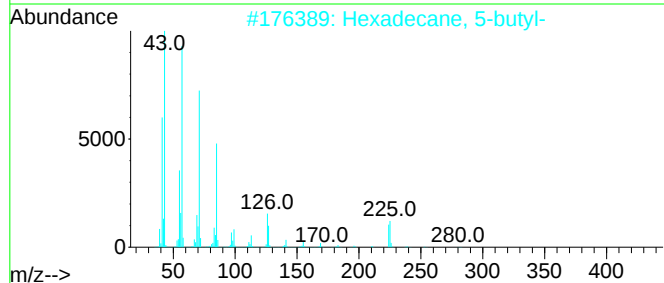
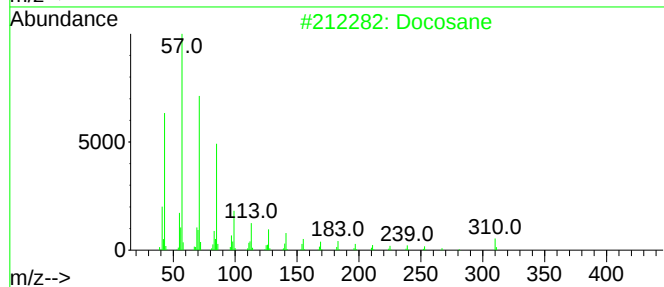
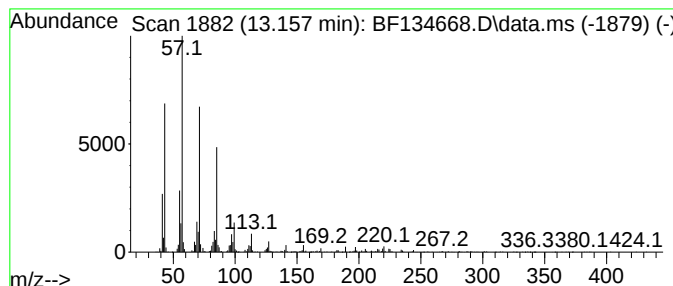
Instrument :
BNA_F
ClientSampleId :
TR-4-080323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.157	14.55 ng	1052980	Chrysene-d12		13.974	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	93
2	Hexadecane, 5-butyl-		282	C20H42	006912-07-8	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
Data File : BF134668.D
Acq On : 08 Aug 2023 13:12
Operator : CG\JU
Sample : 03898-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-4-080323

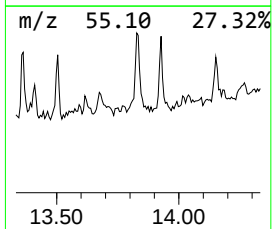
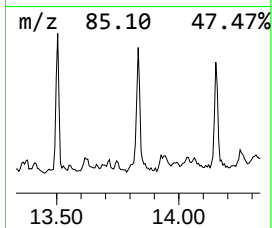
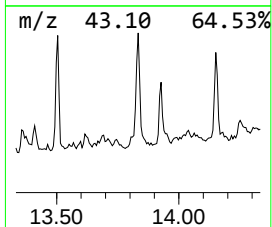
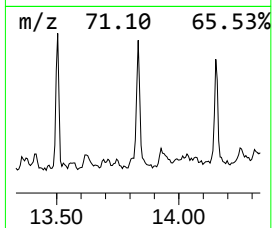
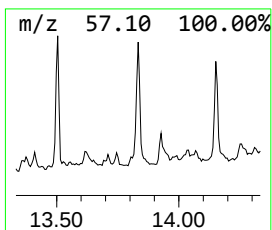
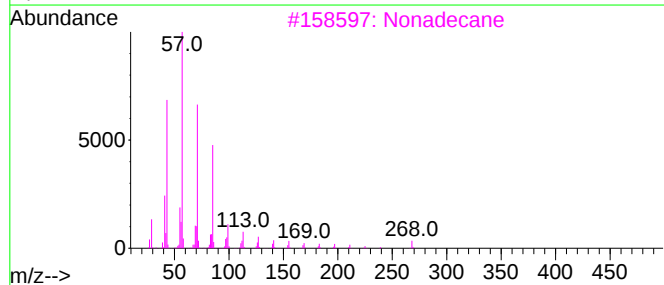
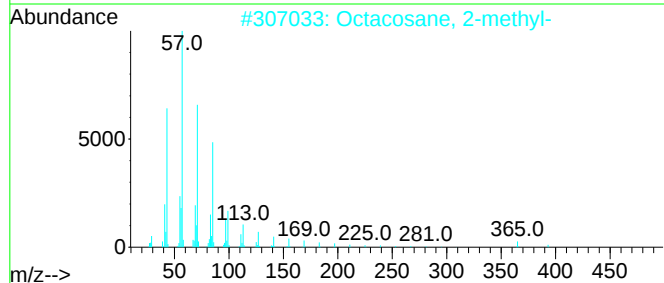
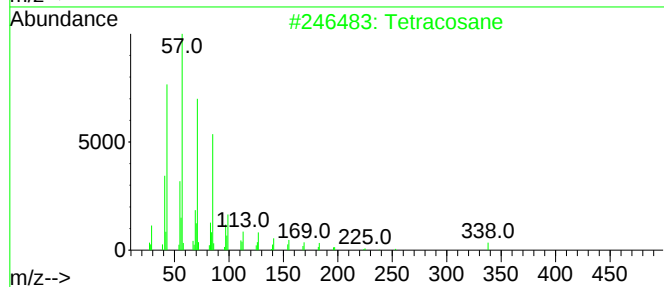
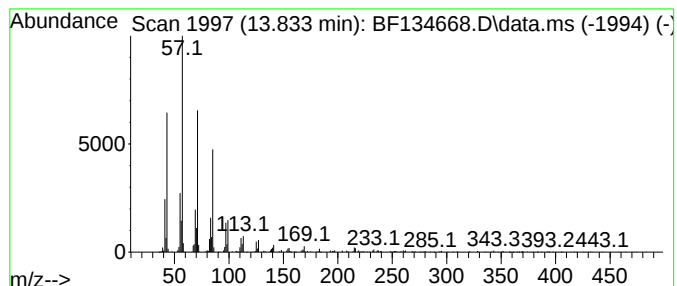
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	11.46 ng	829645	Chrysene-d12	13.974

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	93
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
3		Nonadecane	268	C19H40	000629-92-5	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134668.D
 Acq On : 08 Aug 2023 13:12
 Operator : CG\JU
 Sample : 03898-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-4-080323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
Tetradecane	9.239	16.0	ng	1154280	3	9.834	1444300	20.0
Tridecane	9.769	15.9	ng	1151230	3	9.834	1444300	20.0
Dodecane, 2-met...	10.269	16.2	ng	1170780	3	9.834	1444300	20.0
Heptadecane	10.751	45.3	ng	2537080	4	11.322	1119300	20.0
Phenol, 4-(1,1,...	10.810	26.5	ng	1481430	4	11.322	1119300	20.0
4-(7-Methylocty...	10.845	40.9	ng	2287800	4	11.322	1119300	20.0
Phenol, p-tert-...	10.875	29.3	ng	1637290	4	11.322	1119300	20.0
unknown10.898	10.898	18.0	ng	1006890	4	11.322	1119300	20.0
Phenol, 2-(1,1,...	10.939	22.3	ng	1245990	4	11.322	1119300	20.0
1-(6-Methyl-2-p...	10.986	34.0	ng	1904680	4	11.322	1119300	20.0
4-(1,1-Dimethyl...	11.028	30.9	ng	1729540	4	11.322	1119300	20.0
unknown11.069	11.069	17.7	ng	991551	4	11.322	1119300	20.0
Octadecane	11.198	19.9	ng	1115640	4	11.322	1119300	20.0
Nonadecane	11.628	17.0	ng	949326	4	11.322	1119300	20.0
Hexadecanoic ac...	11.733	126.4	ng	7073520	4	11.322	1119300	20.0
n-Hexadecanoic ...	11.869	30.2	ng	1692000	4	11.322	1119300	20.0
Eicosane	12.033	17.7	ng	991757	4	11.322	1119300	20.0
9,12-Octadecadi...	12.439	327.2	ng	18310300	4	11.322	1119300	20.0
Docosane	13.157	14.6	ng	1052980	5	13.974	1447550	20.0
Tetracosane	13.833	11.5	ng	829645	5	13.974	1447550	20.0