

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133173.D
 Acq On : 02 May 2023 00:21
 Operator : CG\JU
 Sample : 02554-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-42823

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133173.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	548	553	556	rBV	4124571	3830750	20.37%	4.485%
2	6.369	723	728	731	rBV	3750891	3658225	19.45%	4.283%
3	6.728	786	789	792	rBV	1477519	1165048	6.19%	1.364%
4	7.292	876	885	888	rBV	2909132	2520775	13.40%	2.951%
5	8.016	1003	1008	1010	rBV	1937916	1778251	9.46%	2.082%
6	8.522	1090	1094	1097	rBV2	229229	231477	1.23%	0.271%
7	8.616	1106	1110	1112	rBV2	500540	442770	2.35%	0.518%
8	8.710	1124	1126	1132	rVB6	140816	197290	1.05%	0.231%
9	8.839	1142	1148	1152	rBV3	314248	392770	2.09%	0.460%
10	9.045	1180	1183	1186	rVB2	307305	289007	1.54%	0.338%
11	9.092	1187	1191	1194	rVV	5149408	4149166	22.06%	4.858%
12	9.180	1201	1206	1209	rBV	1056090	957681	5.09%	1.121%
13	9.345	1230	1234	1241	rBV6	171893	291798	1.55%	0.342%
14	9.404	1241	1244	1246	rVV2	188439	207987	1.11%	0.244%
15	9.428	1246	1248	1250	rVV2	225045	268754	1.43%	0.315%
16	9.451	1250	1252	1255	rVV2	291621	288223	1.53%	0.337%
17	9.498	1255	1260	1262	rVV4	540113	703946	3.74%	0.824%
18	9.522	1262	1264	1266	rVV	403274	361423	1.92%	0.423%
19	9.557	1267	1270	1272	rVB3	253071	251909	1.34%	0.295%
20	9.710	1293	1296	1300	rVB	1374407	1054890	5.61%	1.235%
21	9.769	1300	1306	1309	rBV	1632274	1644405	8.74%	1.925%
22	9.945	1332	1336	1338	rBV3	183819	296284	1.58%	0.347%
23	9.969	1338	1340	1343	rVV2	227151	216044	1.15%	0.253%
24	10.033	1347	1351	1355	rVB4	296433	341324	1.81%	0.400%
25	10.210	1377	1381	1383	rVV	1441054	1169302	6.22%	1.369%
26	10.257	1387	1389	1395	rVB5	128506	188493	1.00%	0.221%
27	10.427	1412	1418	1421	rBV	639689	722703	3.84%	0.846%
28	10.480	1424	1427	1430	rVB	538918	478328	2.54%	0.560%
29	10.551	1435	1439	1443	rVB	2037627	1905741	10.13%	2.231%
30	10.680	1458	1461	1469	rBV	1627425	1847080	9.82%	2.163%
31	11.127	1534	1537	1540	rBV	1401923	1054688	5.61%	1.235%
32	11.157	1540	1542	1548	rVB	544202	509104	2.71%	0.596%
33	11.251	1554	1558	1560	rBV	1267571	1162034	6.18%	1.361%
34	11.557	1606	1610	1612	rBV	1006650	889503	4.73%	1.041%
35	11.657	1623	1627	1630	rVB	7166755	6903116	36.71%	8.082%
36	11.792	1646	1650	1652	rBV2	744973	702325	3.73%	0.822%

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

Peak separation: 5

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37	11.963	1672	1679	1684	rBV	879966	981699	5.22%	1.149%
38	12.363	1739	1747	1748	rVV	9395770	18806519	100.00%	22.019%
39	12.380	1748	1750	1754	rVV3	9445557	10641942	56.59%	12.460%
40	12.416	1754	1756	1758	rVV2	312825	277959	1.48%	0.325%
41	12.451	1758	1762	1765	rVV2	4200475	3710628	19.73%	4.345%
42	12.480	1765	1767	1768	rVV	463872	376473	2.00%	0.441%
43	12.498	1768	1770	1778	rVV4	333085	505036	2.69%	0.591%
44	12.568	1780	1782	1788	rVB3	189347	223322	1.19%	0.261%
45	12.686	1799	1802	1805	rVB	328523	309571	1.65%	0.362%
46	12.721	1805	1808	1811	rBV	514050	419537	2.23%	0.491%
47	12.839	1824	1828	1831	rBV	3685065	3028206	16.10%	3.546%
48	13.080	1865	1869	1873	rBV3	408372	564977	3.00%	0.661%
49	13.168	1881	1884	1887	rVB	325342	284195	1.51%	0.333%
50	13.421	1924	1927	1930	rBV	250796	216180	1.15%	0.253%
51	13.839	1995	1998	2001	rBV	350947	295249	1.57%	0.346%
52	13.880	2001	2005	2008	rBV2	1058211	1026740	5.46%	1.202%
53	15.304	2243	2247	2251	rBV	585383	668202	3.55%	0.782%

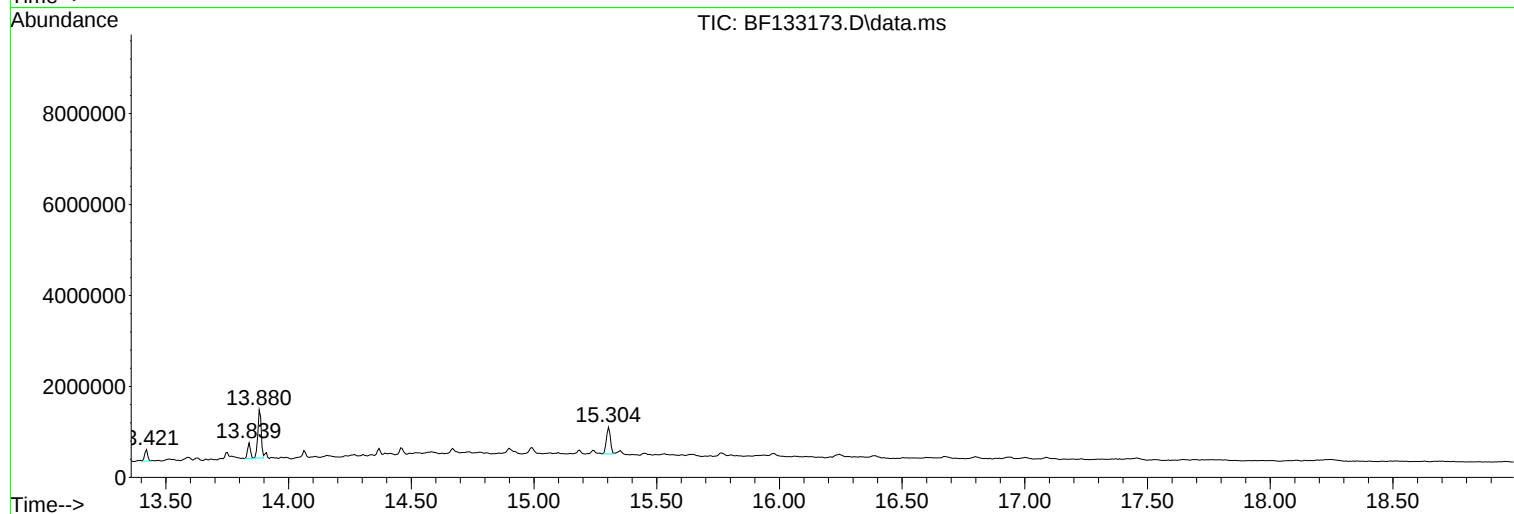
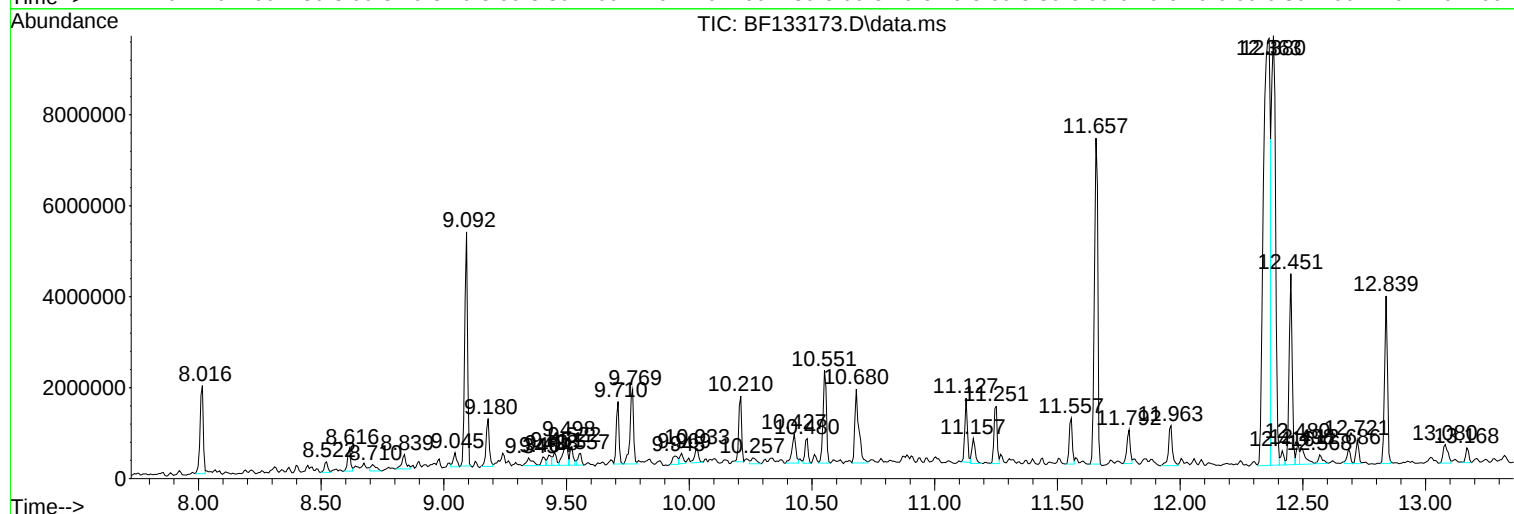
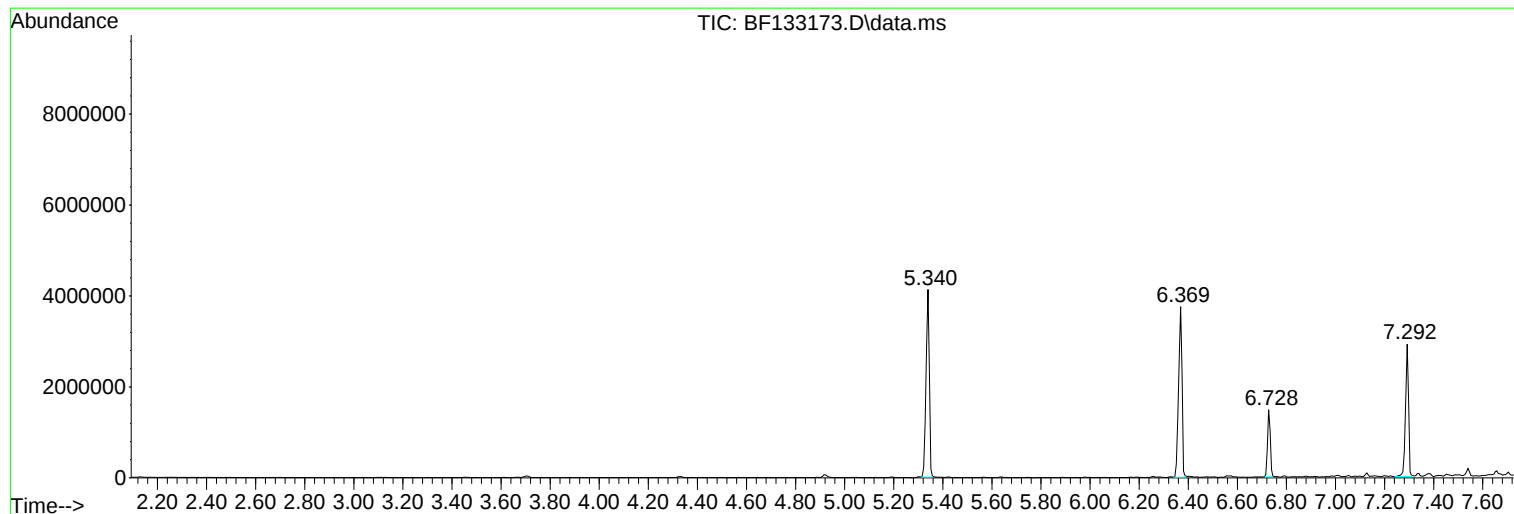
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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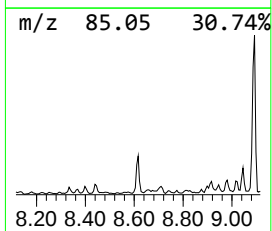
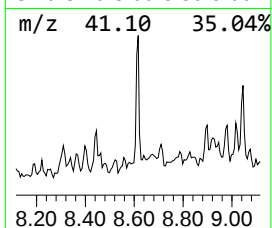
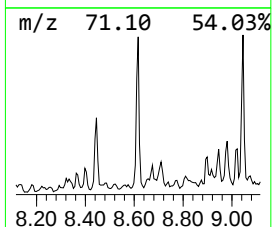
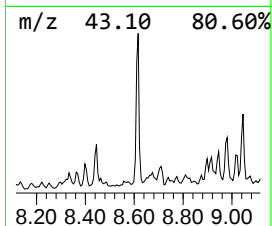
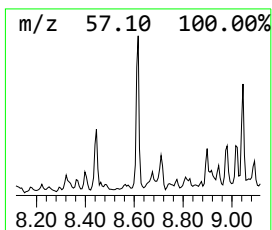
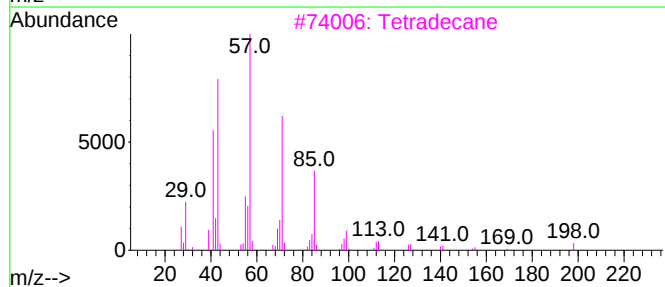
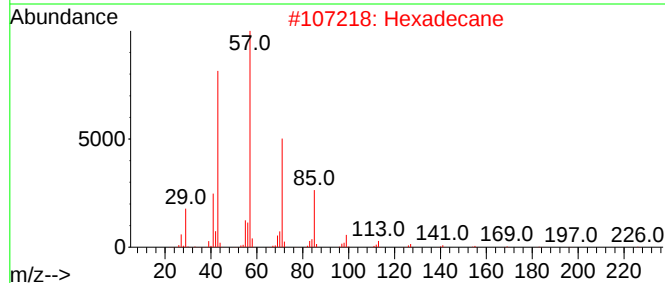
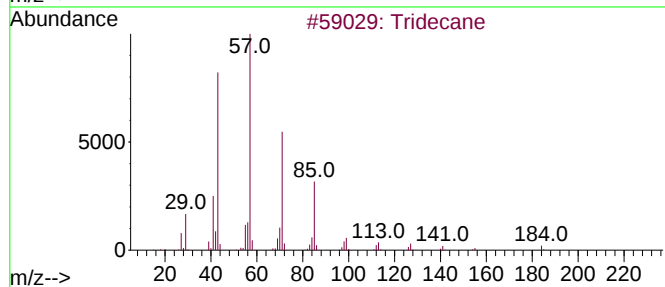
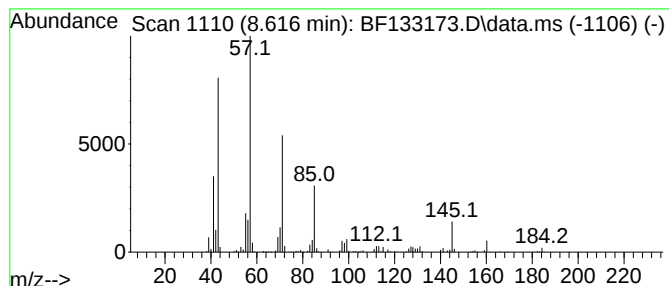
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	4.98 ng	442770	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	74
3			Tetradecane	198	C14H30	000629-59-4	72
4			Nonadecane	268	C19H40	000629-92-5	64
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



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Misc :
ALS Vial : 19 Sample Multiplier: 1

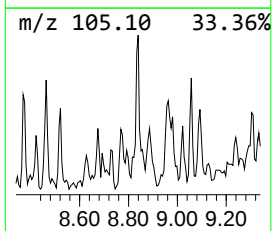
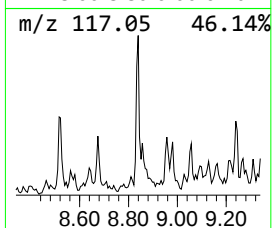
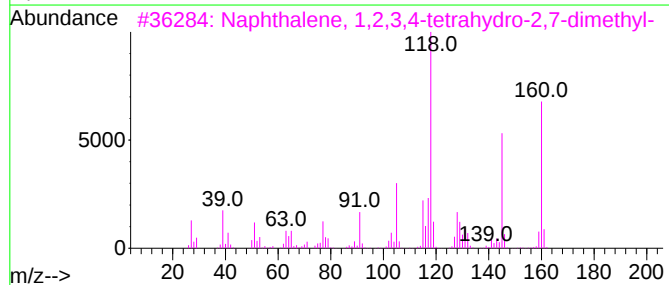
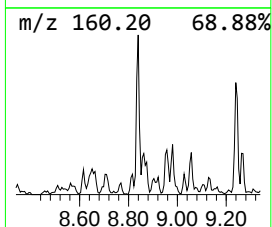
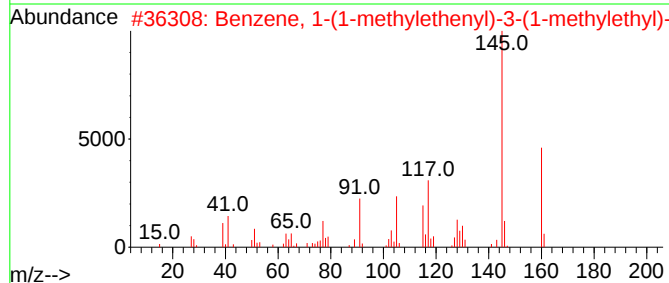
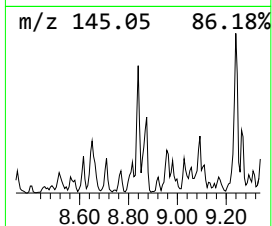
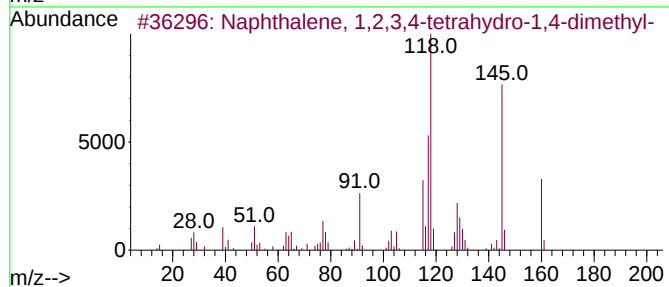
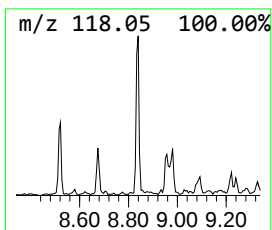
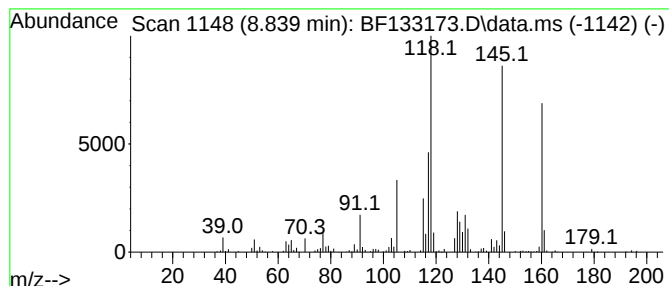
Instrument :
BNA_F
ClientSampleId :
TR-04-42823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.839	4.42 ng	392770	Naphthalene-d8	8.016	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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Instrument :
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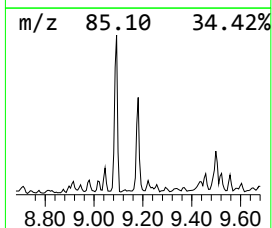
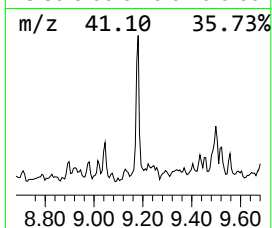
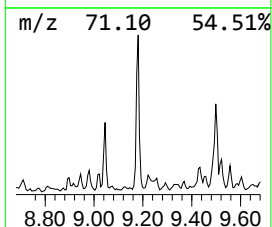
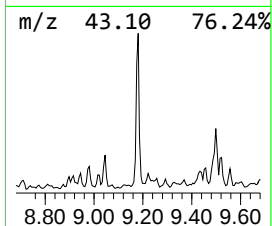
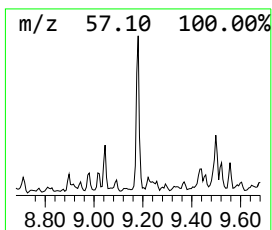
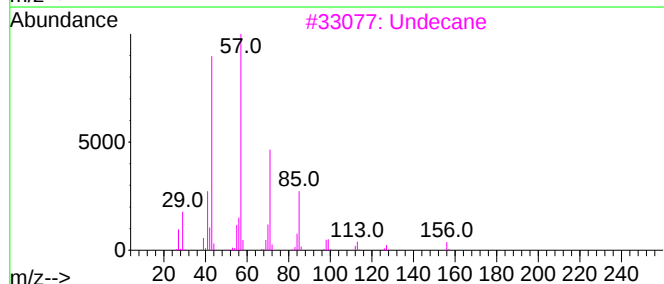
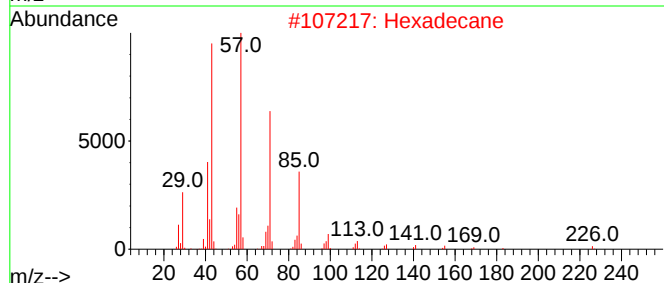
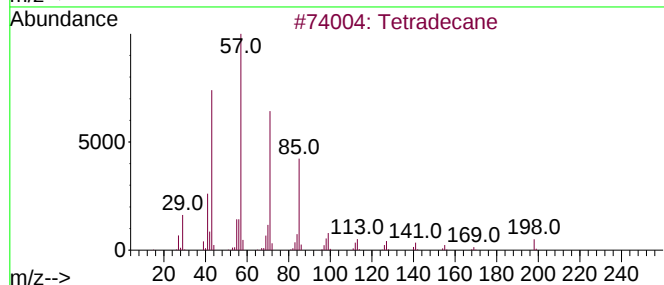
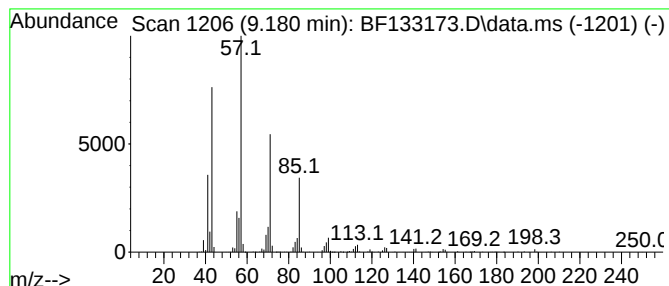
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.180	11.65 ng	957681	Acenaphthene-d10	9.769

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			Undecane	156	C11H24	001120-21-4	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Tridecane	184	C13H28	000629-50-5	86



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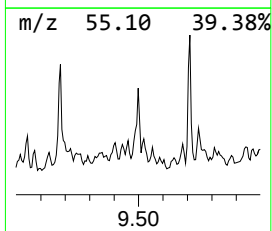
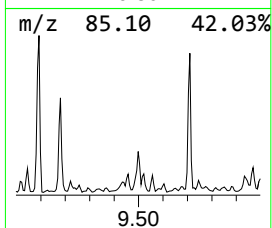
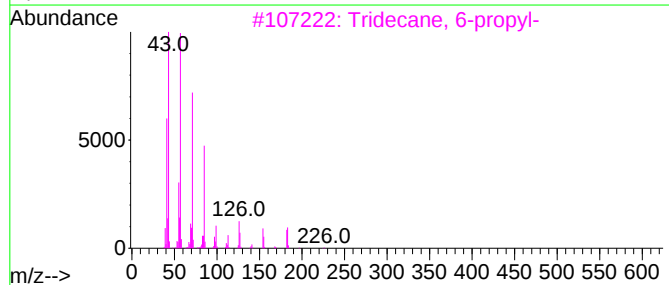
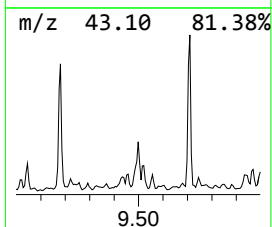
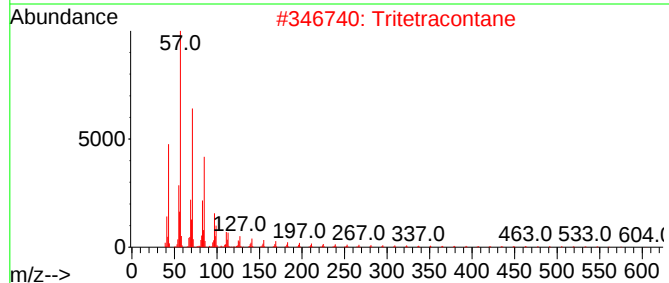
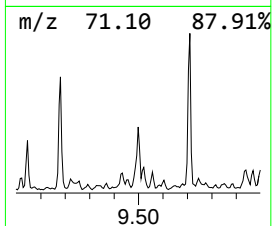
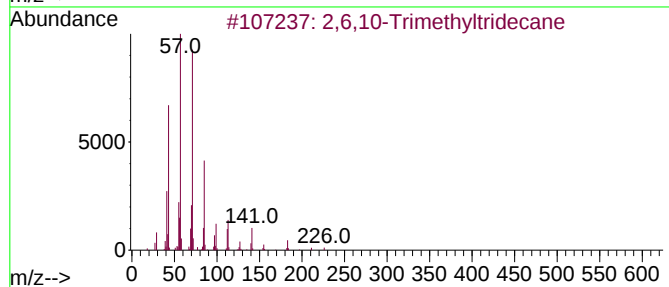
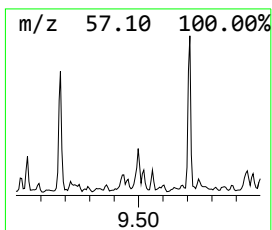
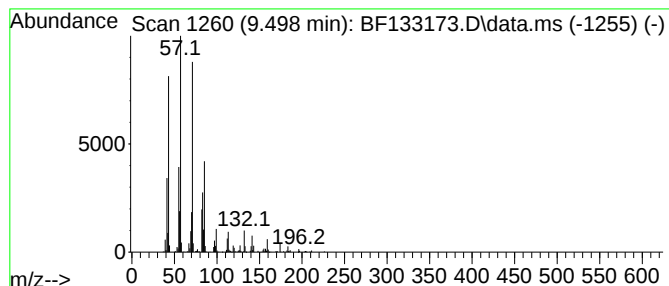
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,6,10-Trimethyltridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	8.56 ng	703946	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	97		
2	Tritetracontane	605	C43H88	007098-21-7	80		
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76		
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64		
5	Decane, 5-propyl-	184	C13H28	017312-62-8	62		



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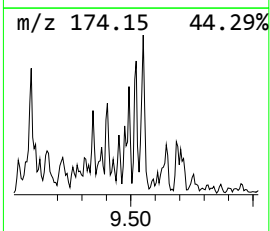
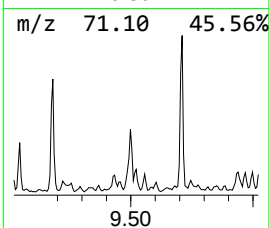
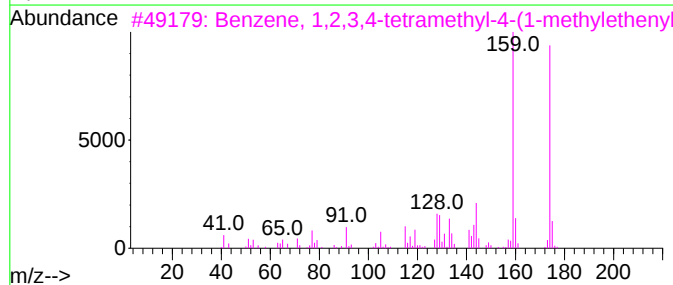
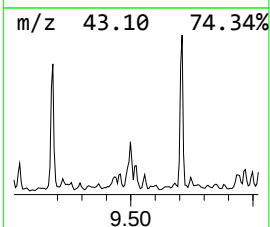
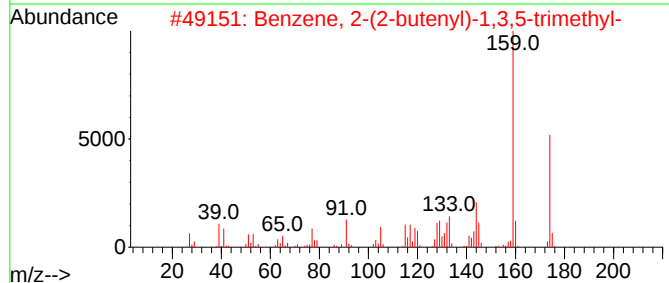
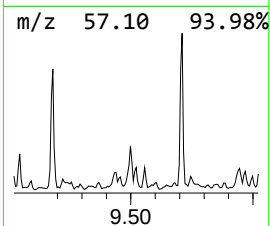
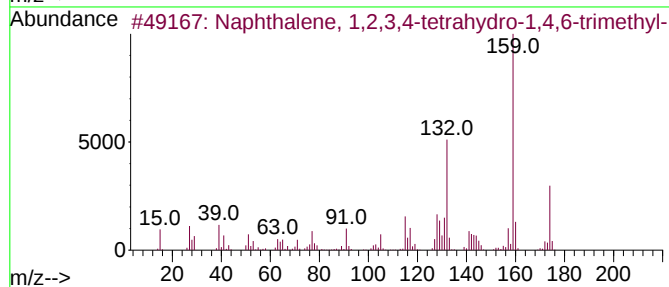
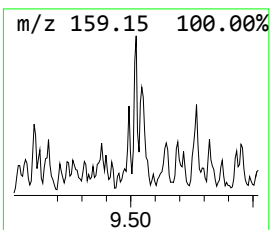
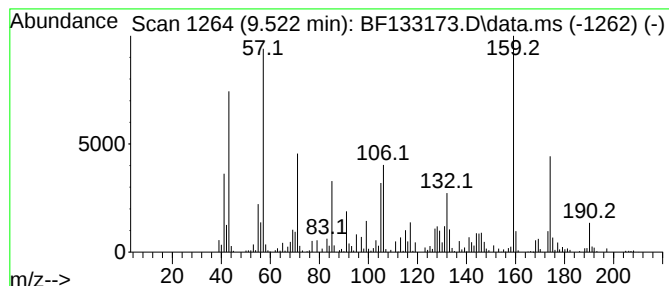
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-(2-butenyl)-1,3,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	4.40 ng	361423	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	70
2			Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	64
3			Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	50
4			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	50
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
Sample : 02554-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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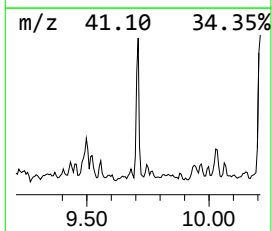
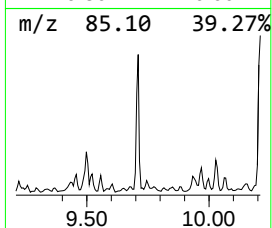
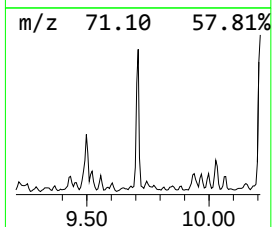
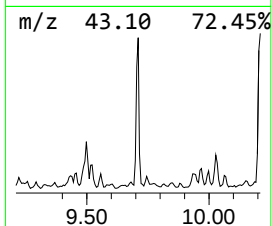
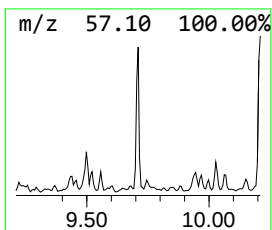
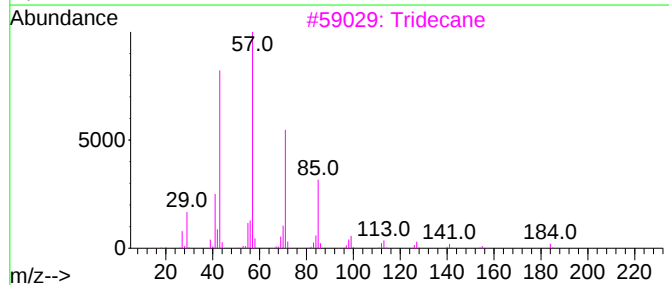
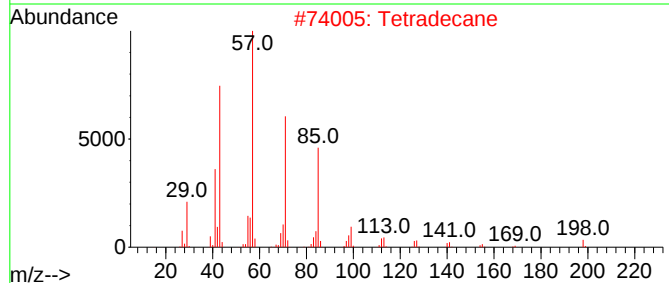
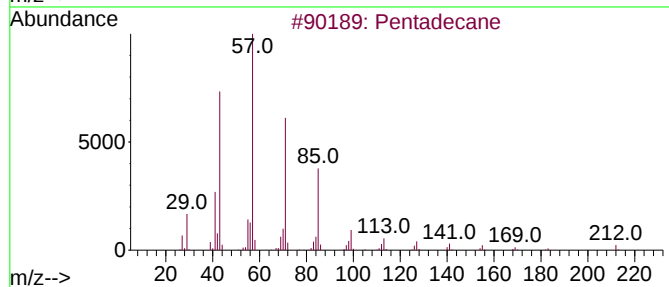
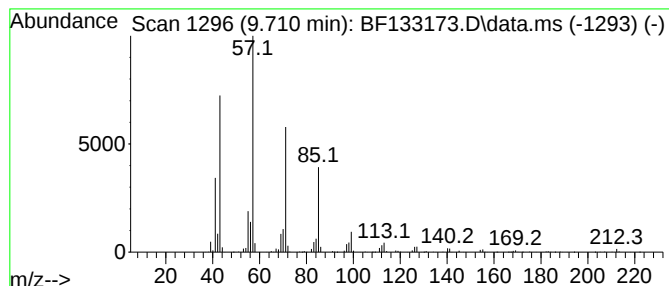
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	12.83 ng	1054890	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Heptadecane	240	C17H36	000629-78-7	83
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
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Misc :
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Instrument :
BNA_F
ClientSampleId :
TR-04-42823

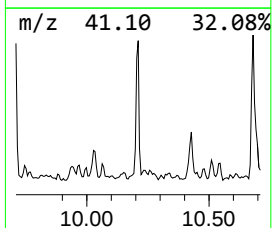
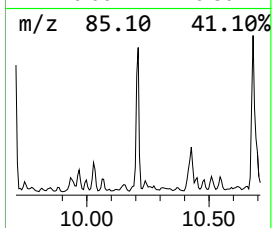
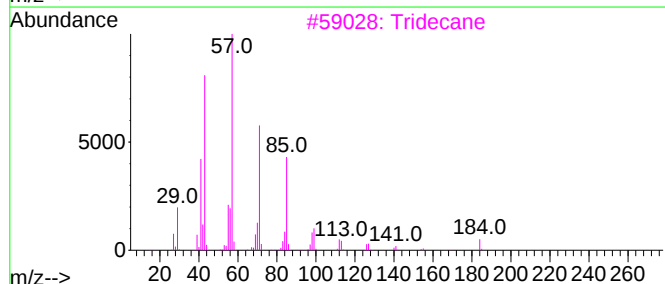
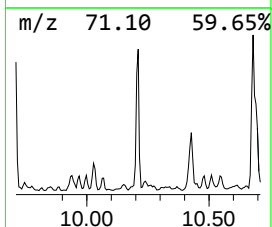
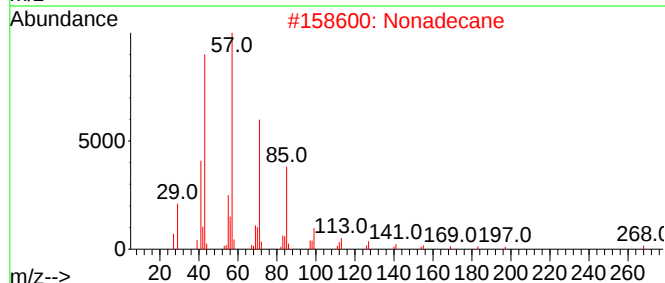
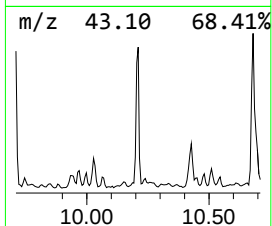
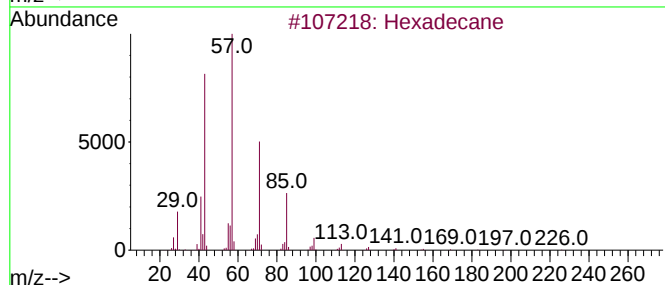
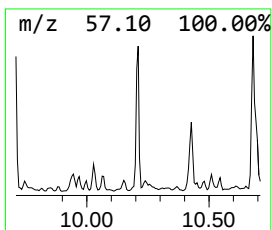
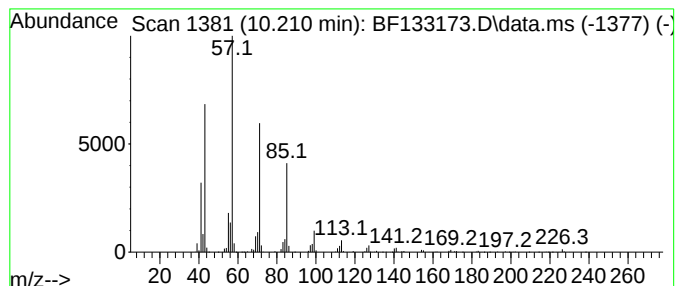
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	14.22 ng	1169300	Acenaphthene-d10	9.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
Sample : 02554-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-42823

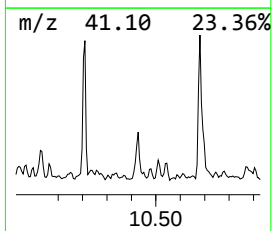
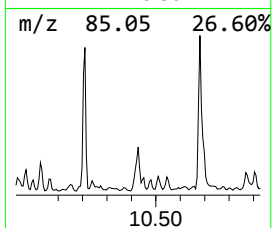
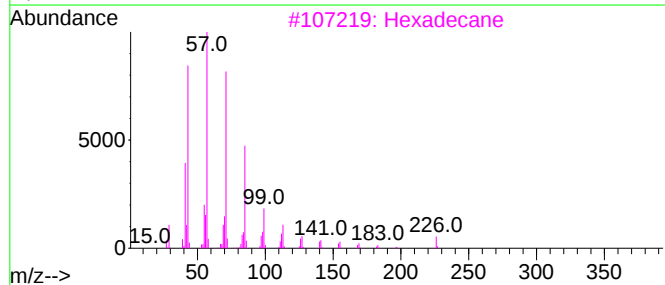
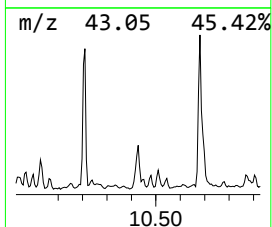
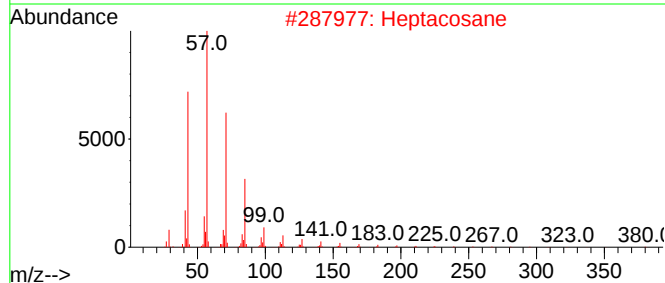
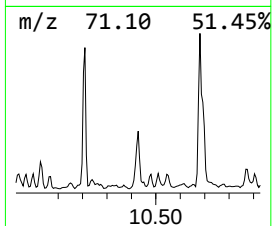
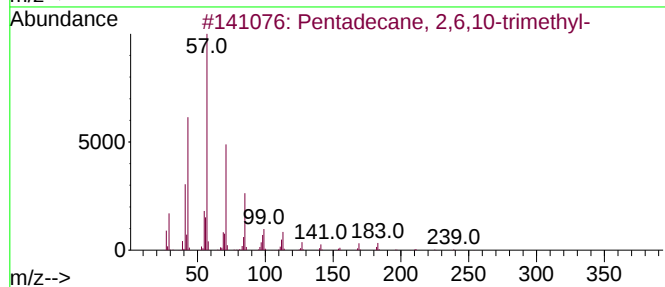
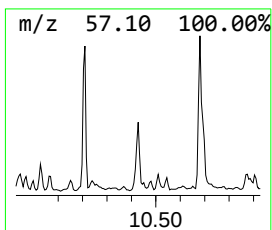
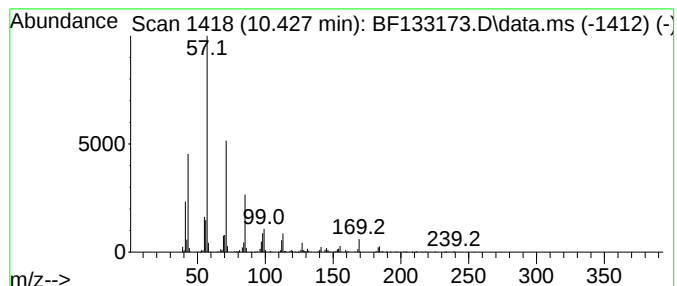
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.427	8.79 ng	722703	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2			Heptacosane	380	C27H56	000593-49-7	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Tridecane	184	C13H28	000629-50-5	80
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-42823

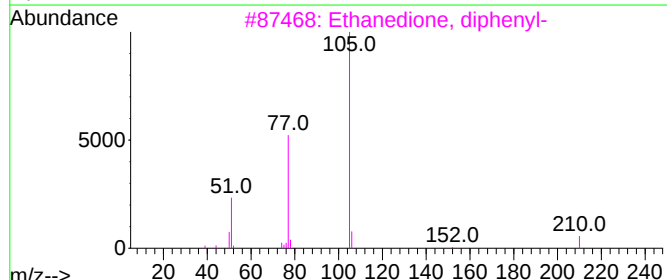
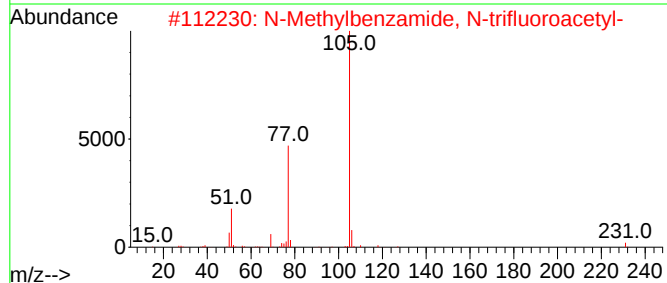
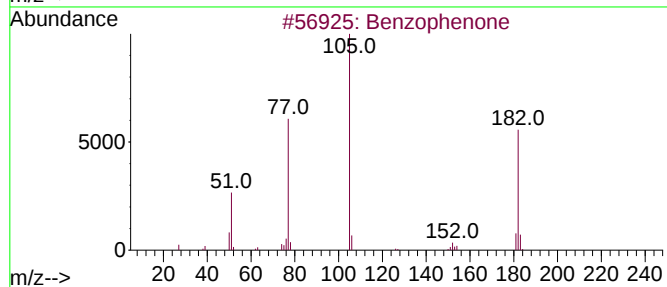
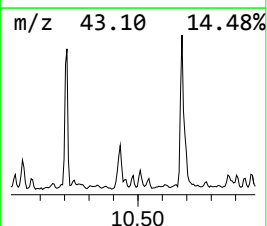
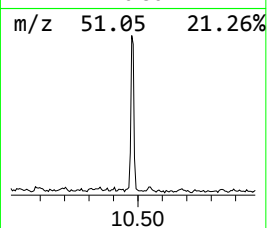
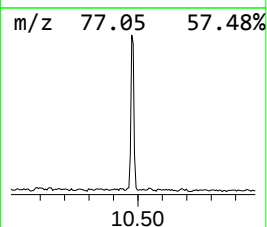
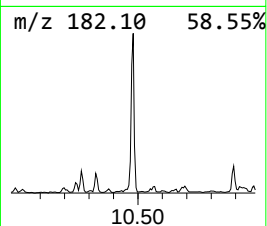
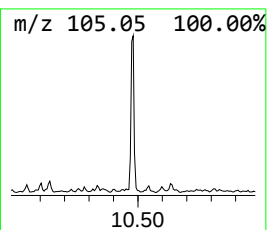
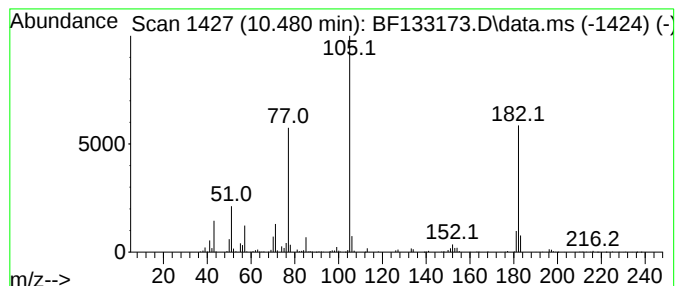
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	5.82 ng	478328	Acenaphthene-d10	9.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	43
3			Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	43
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43
5			Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
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Sample : 02554-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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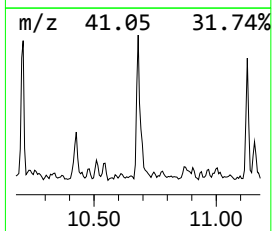
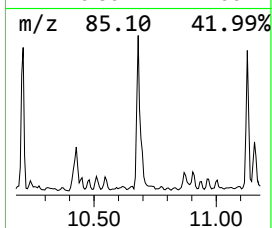
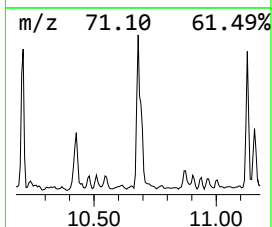
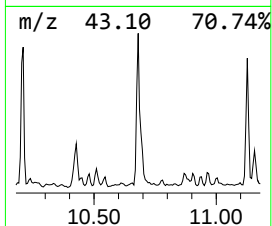
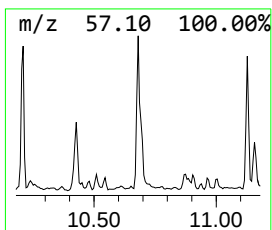
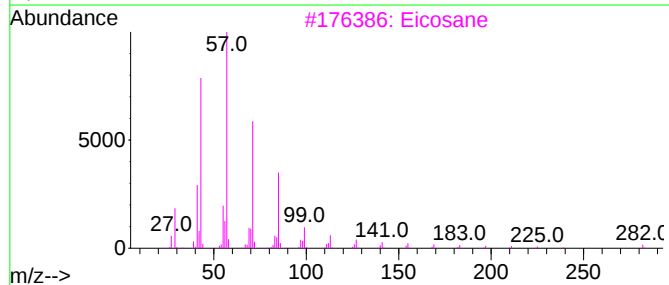
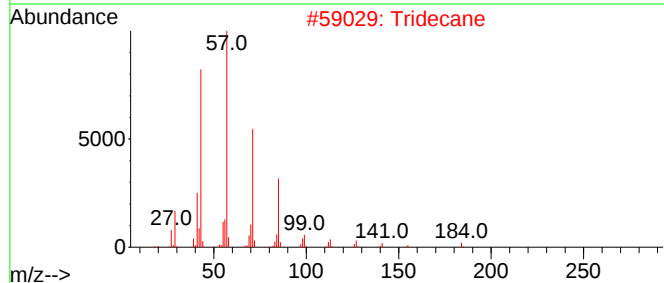
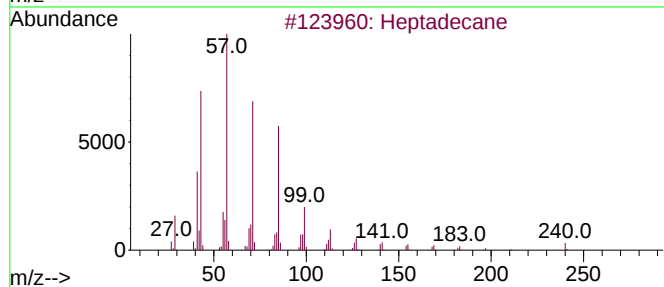
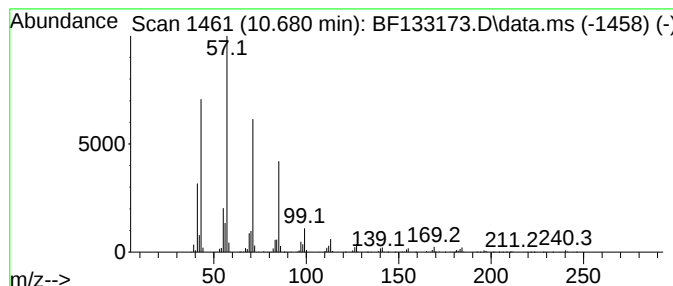
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	31.79 ng	1847080	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	93
3			Eicosane	282	C20H42	000112-95-8	91
4			Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
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ALS Vial : 19 Sample Multiplier: 1

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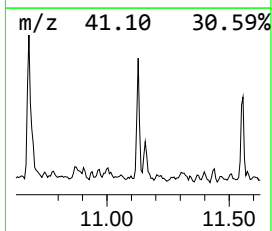
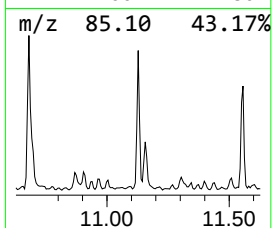
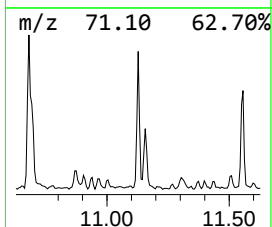
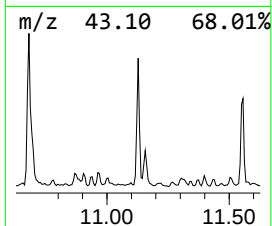
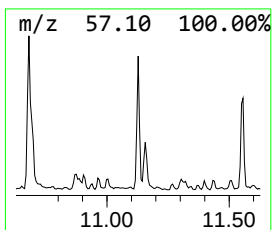
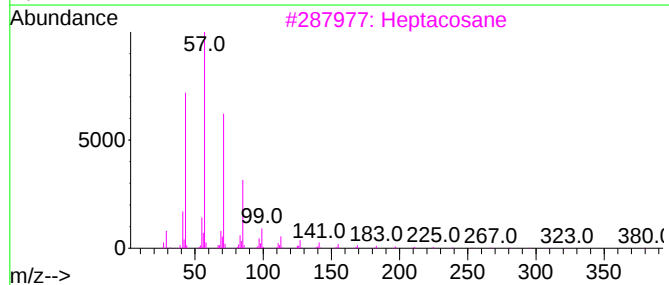
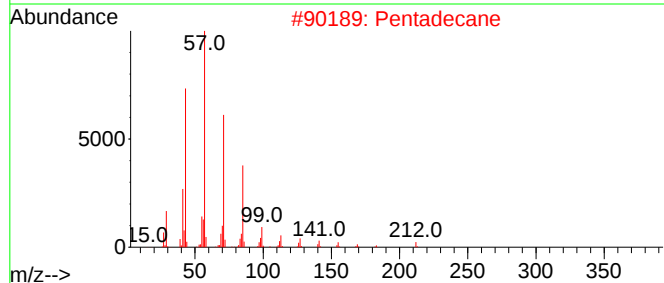
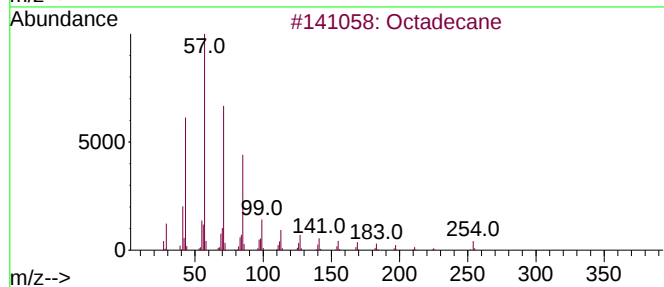
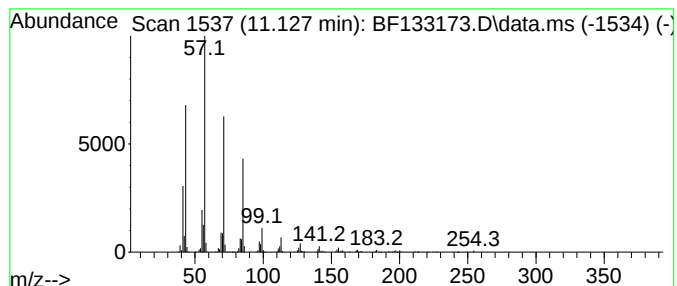
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	18.15 ng	1054690	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	97
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexadecane	226	C16H34	000544-76-3	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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Acq On : 02 May 2023 00:21
Operator : CG\JU
Sample : 02554-01
Misc :
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Instrument :
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ClientSampleId :
TR-04-42823

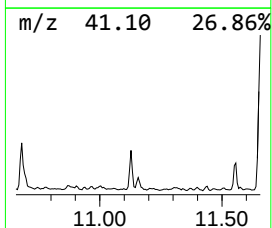
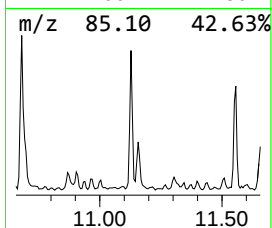
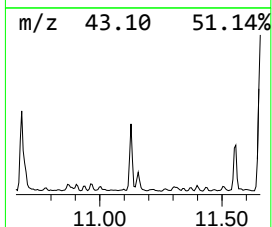
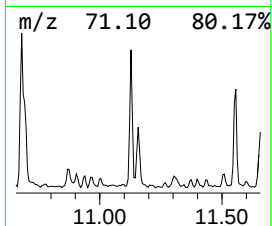
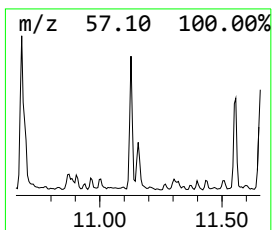
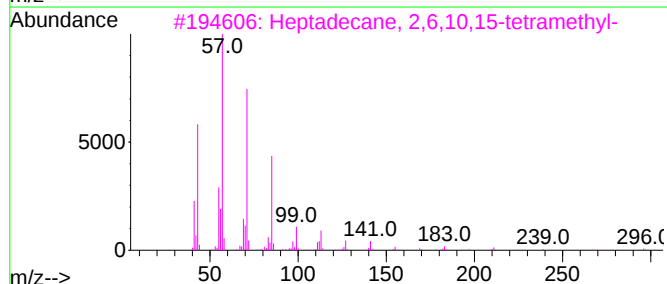
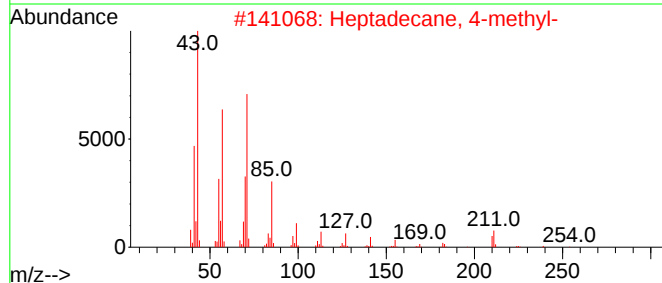
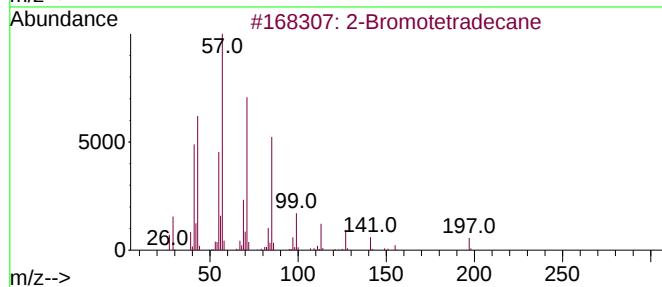
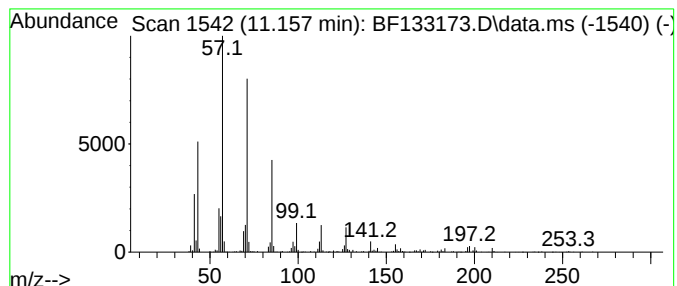
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Bromotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	8.76 ng	509104	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
TR-04-42823

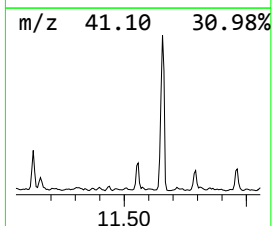
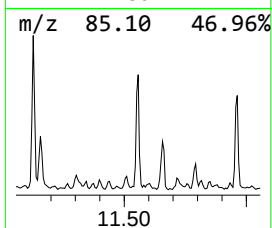
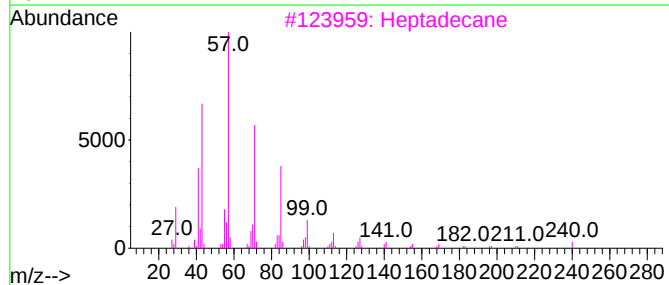
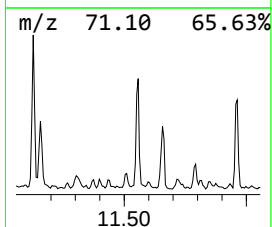
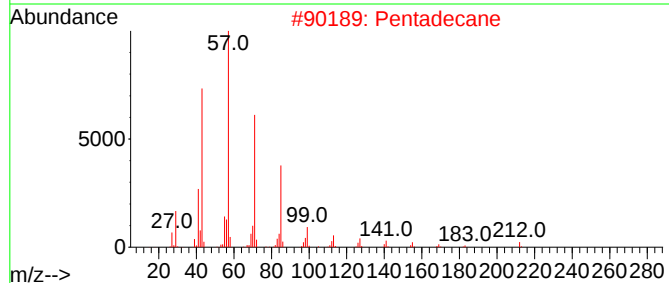
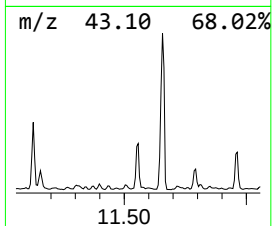
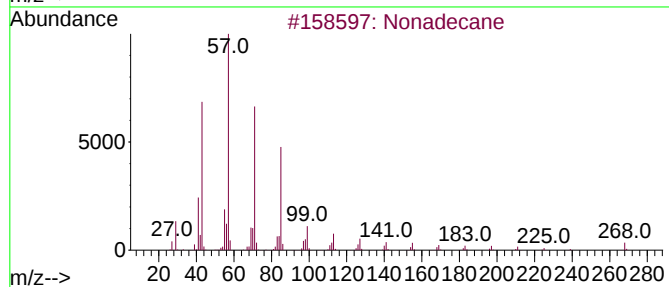
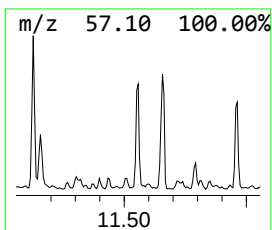
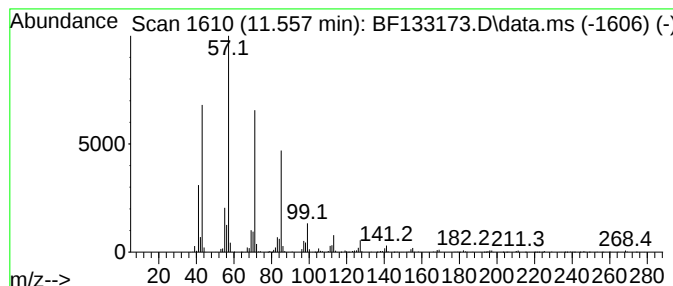
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.557	15.31 ng	889503	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	94
2		Pentadecane	212	C15H32	000629-62-9	91
3		Heptadecane	240	C17H36	000629-78-7	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
Sample : 02554-01
Misc :
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Instrument :
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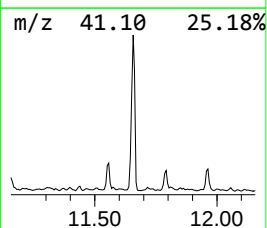
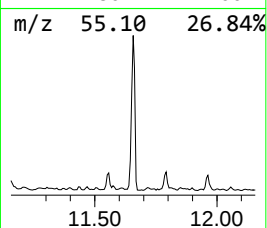
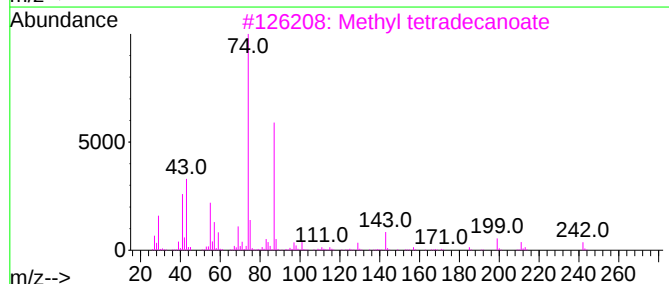
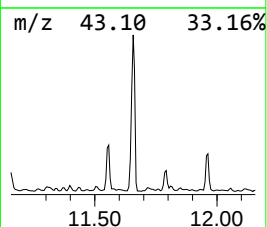
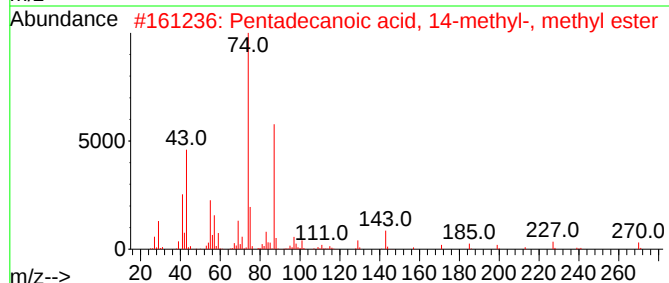
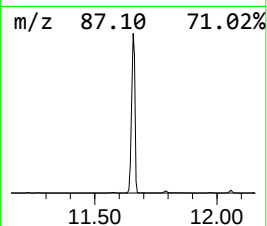
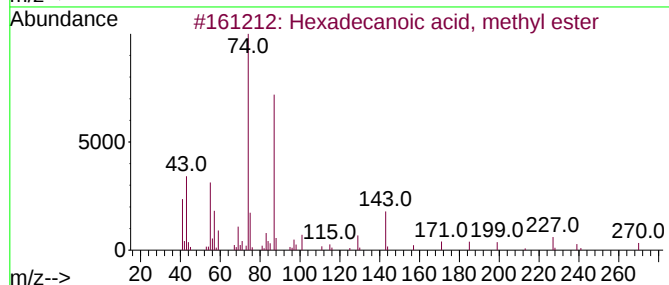
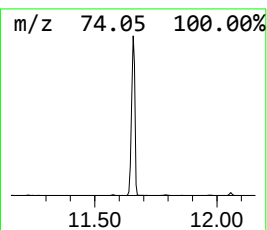
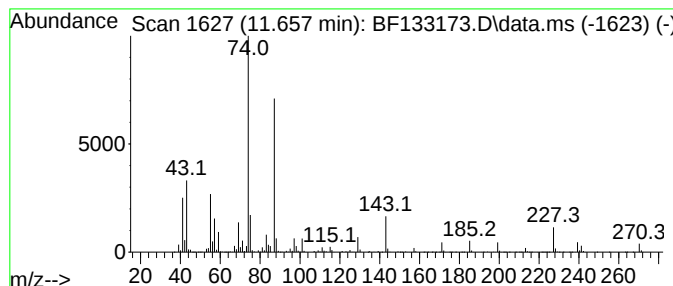
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.657	118.81 ng	6903120	Phenanthrene-d10	11.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
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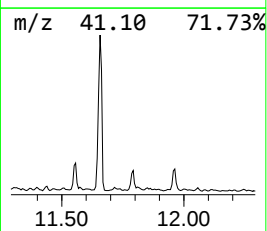
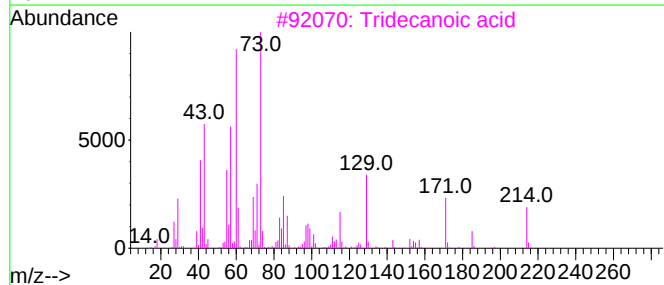
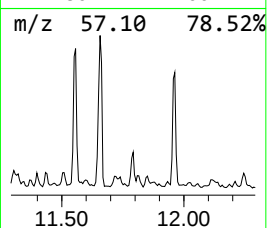
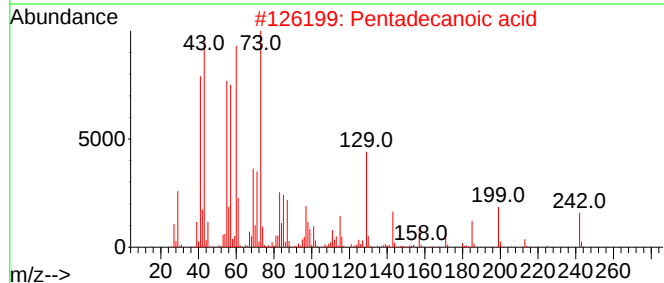
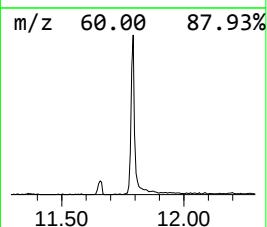
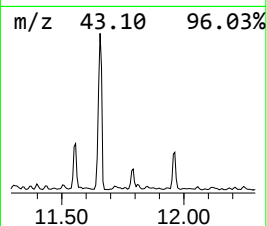
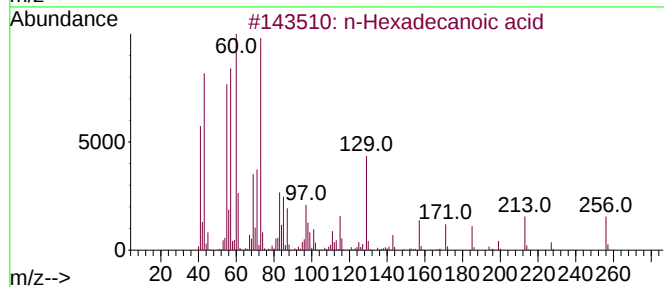
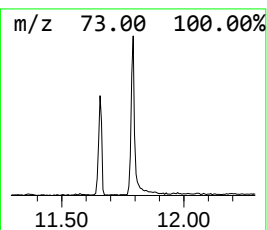
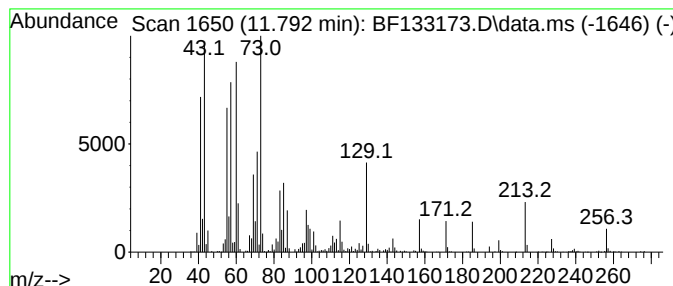
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	12.09 ng	702325	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
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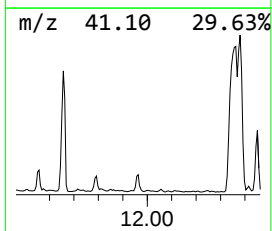
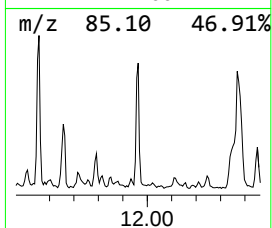
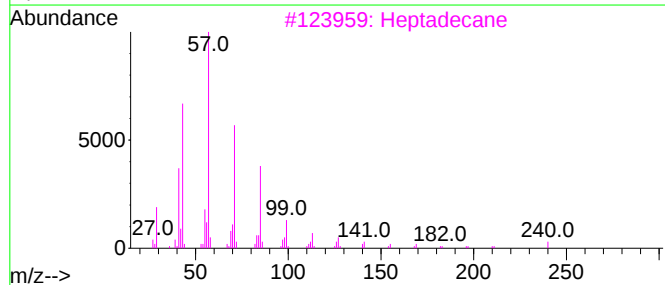
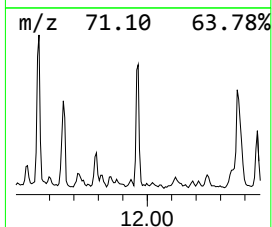
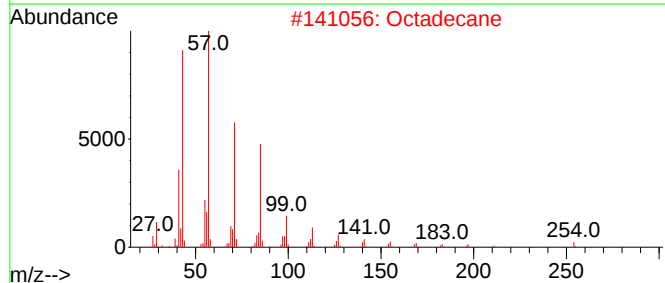
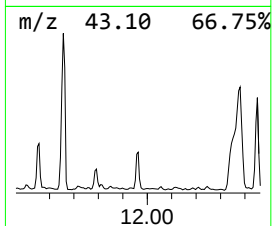
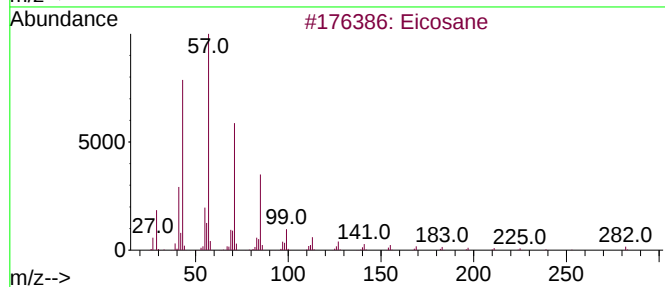
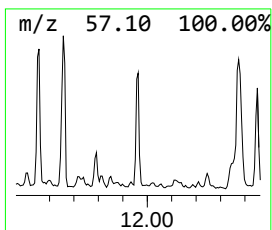
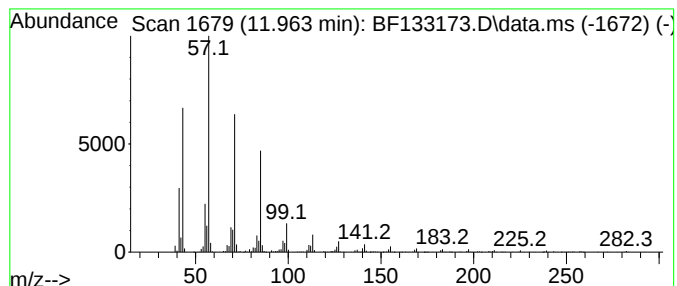
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	16.90 ng	981699	Phenanthrene-d10	11.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Octadecane	254	C18H38	000593-45-3	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Hexadecane	226	C16H34	000544-76-3	91
5			Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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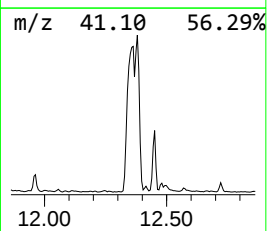
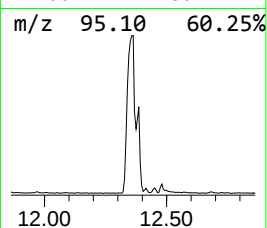
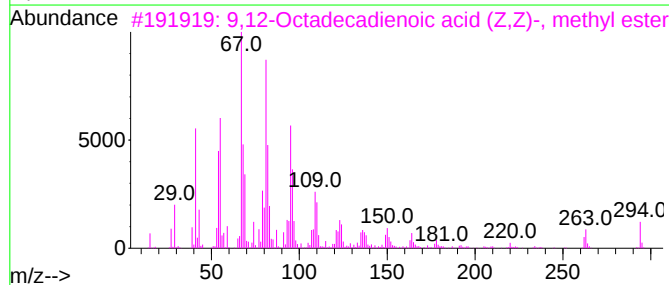
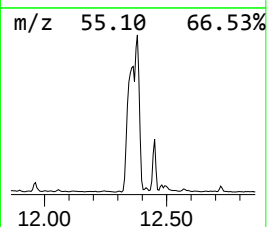
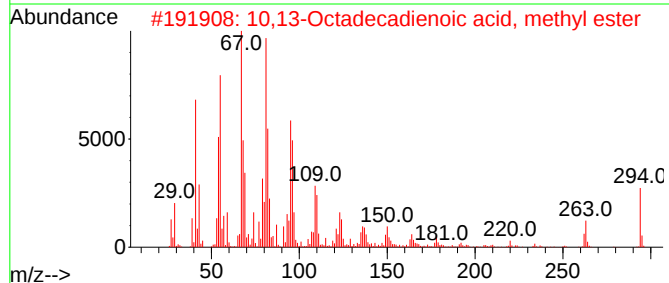
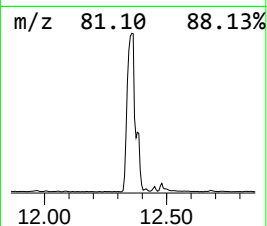
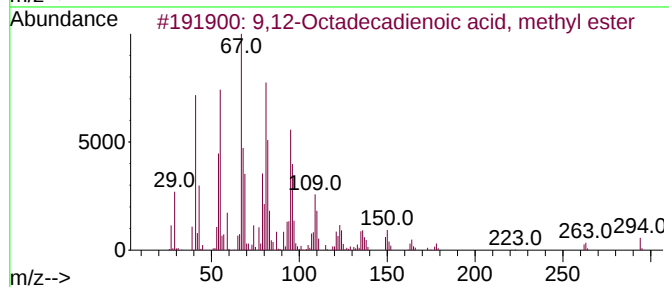
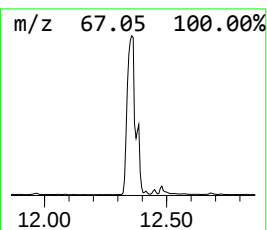
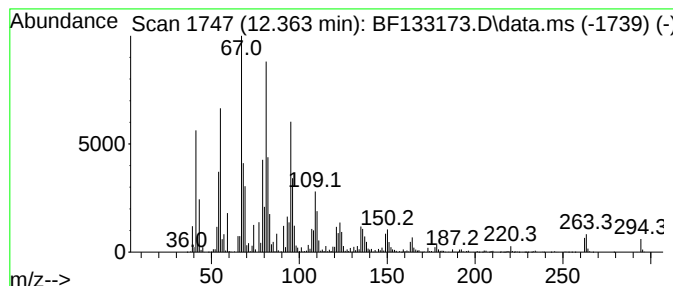
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	323.68 ng	18806500	Phenanthrene-d10	11.251

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	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99		
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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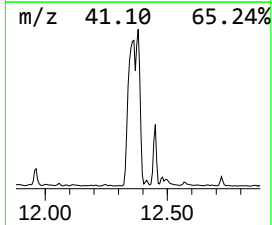
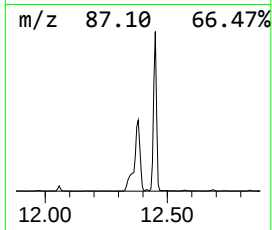
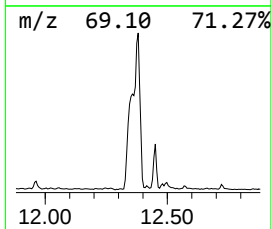
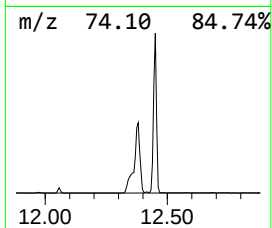
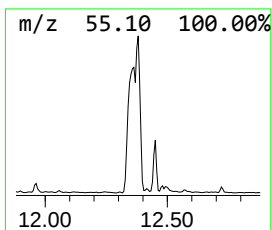
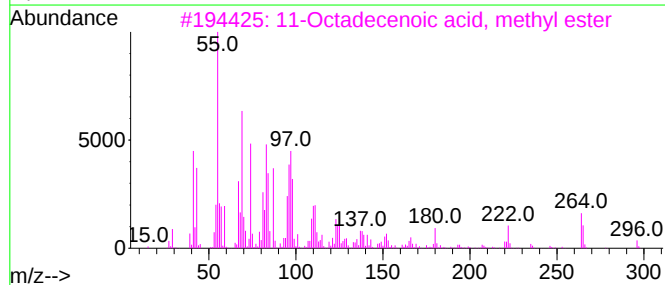
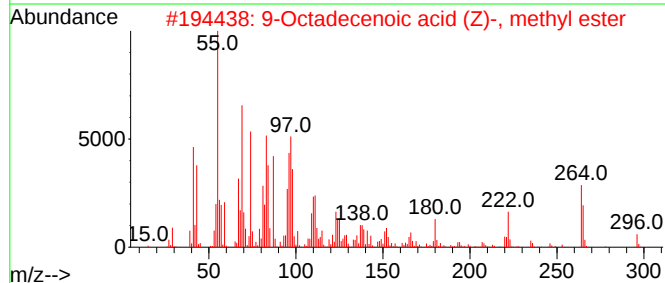
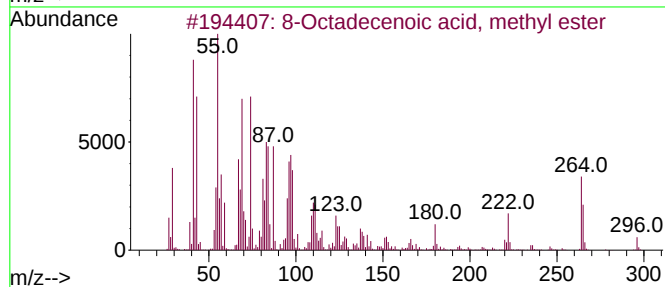
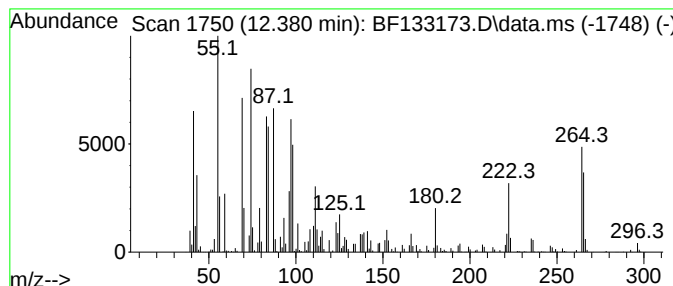
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.380	183.16 ng	10641900	Phenanthrene-d10	11.251	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	90
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
Sample : 02554-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

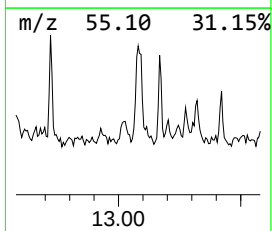
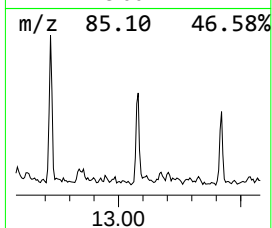
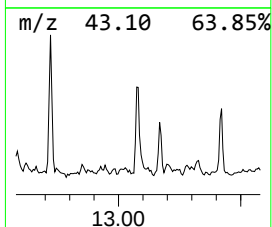
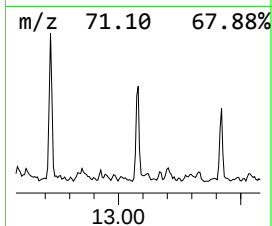
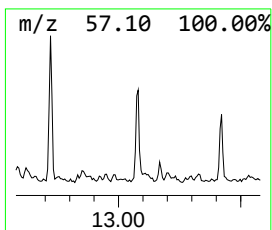
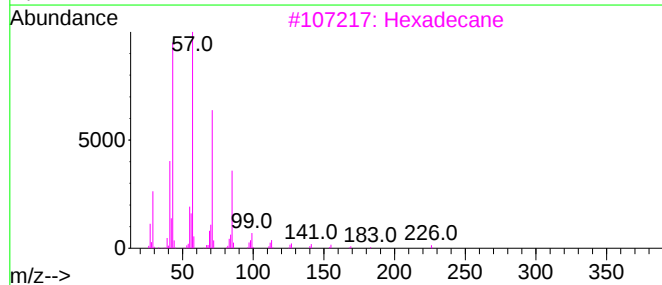
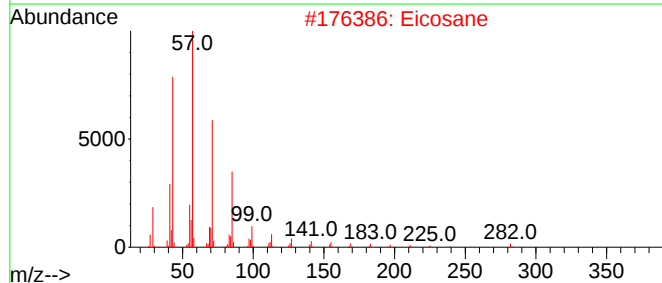
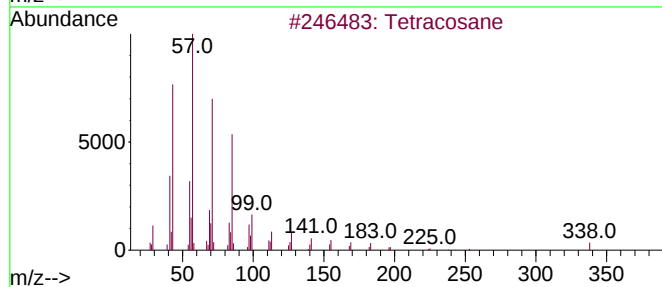
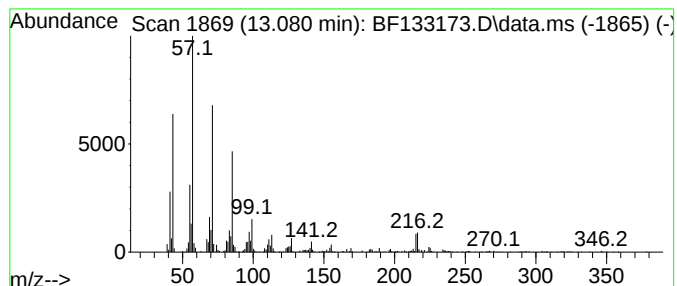
Instrument :
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ClientSampleId :
TR-04-42823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.080	11.01 ng	564977	Chrysene-d12		13.880	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	99
2	Eicosane		282	C20H42	000112-95-8	94
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	90
5	Hexacosane		366	C26H54	000630-01-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133173.D
Acq On : 02 May 2023 00:21
Operator : CG\JU
Sample : 02554-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-42823

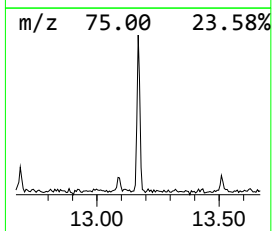
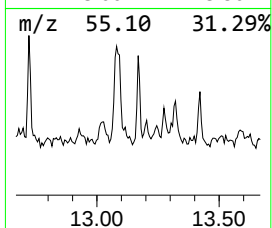
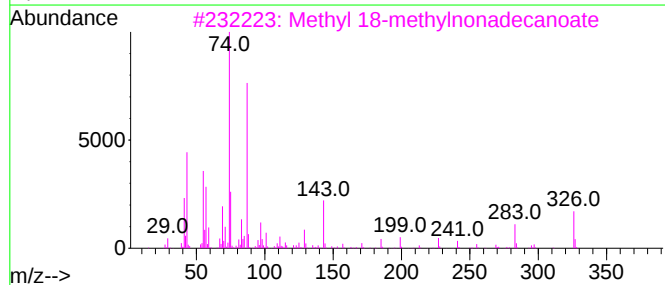
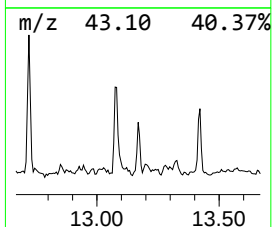
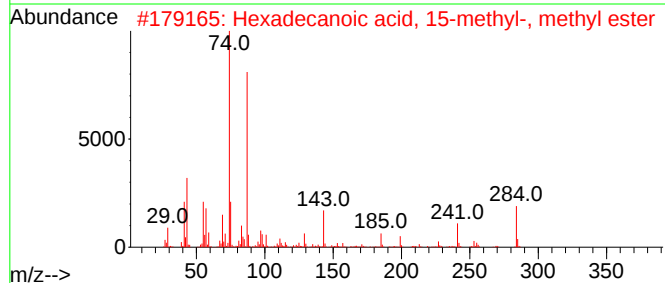
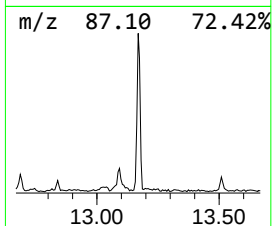
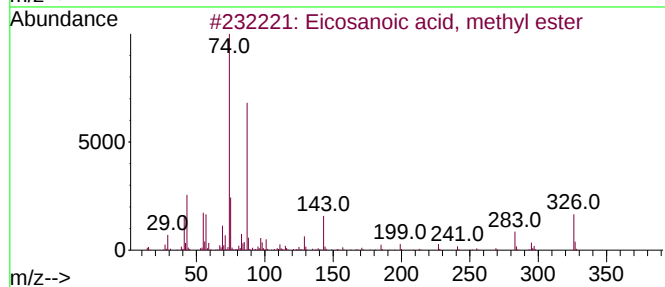
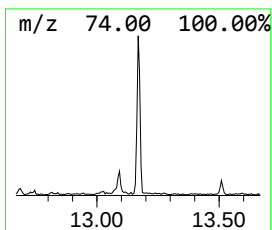
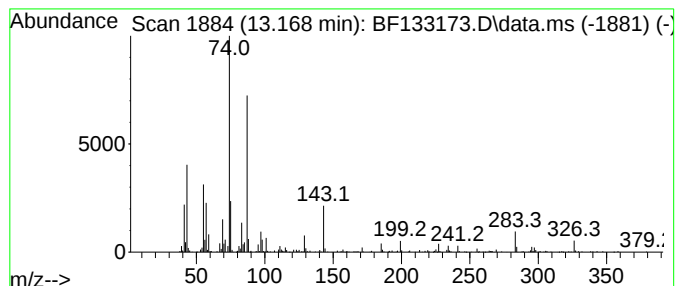
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	5.54 ng	284195	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	94
3			Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	94
4			Methyl stearate	298	C19H38O2	000112-61-8	91
5			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133173.D
 Acq On : 02 May 2023 00:21
 Operator : CG\JU
 Sample : 02554-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-42823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
Tridecane	8.616	5.0	ng	442770	2	8.016	1778250	20.0
Naphthalene, 1,...	8.839	4.4	ng	392770	2	8.016	1778250	20.0
Tetradecane	9.180	11.7	ng	957681	3	9.769	1644410	20.0
2,6,10-Trimethy...	9.498	8.6	ng	703946	3	9.769	1644410	20.0
Benzene, 2-(2-b...	9.522	4.4	ng	361423	3	9.769	1644410	20.0
Pentadecane	9.710	12.8	ng	1054890	3	9.769	1644410	20.0
Hexadecane	10.210	14.2	ng	1169300	3	9.769	1644410	20.0
Pentadecane, 2,...	10.427	8.8	ng	722703	3	9.769	1644410	20.0
Benzophenone	10.480	5.8	ng	478328	3	9.769	1644410	20.0
Heptadecane	10.680	31.8	ng	1847080	4	11.251	1162030	20.0
Octadecane	11.127	18.1	ng	1054690	4	11.251	1162030	20.0
2-Bromotetradecane	11.157	8.8	ng	509104	4	11.251	1162030	20.0
Nonadecane	11.557	15.3	ng	889503	4	11.251	1162030	20.0
Hexadecanoic ac...	11.657	118.8	ng	6903120	4	11.251	1162030	20.0
n-Hexadecanoic ...	11.792	12.1	ng	702325	4	11.251	1162030	20.0
Eicosane	11.963	16.9	ng	981699	4	11.251	1162030	20.0
9,12-Octadecadi...	12.363	323.7	ng	18806500	4	11.251	1162030	20.0
8-Octadecenoic ...	12.380	183.2	ng	10641900	4	11.251	1162030	20.0
Tetracosane	13.080	11.0	ng	564977	5	13.880	1026740	20.0
Eicosanoic acid...	13.168	5.5	ng	284195	5	13.880	1026740	20.0