

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133273.D
 Acq On : 05 May 2023 20:19
 Operator : CG\JU
 Sample : 02618-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN002

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: BF133273.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.528	69	75	80	rVB	58228	79318	1.34%	0.116%
2	2.687	96	102	113	rBV	167967	254033	4.30%	0.372%
3	4.434	396	399	404	rVB	96903	108436	1.84%	0.159%
4	4.910	476	480	491	rVB	449491	535020	9.07%	0.784%
5	5.340	548	553	556	rBV	2757477	2984046	50.56%	4.375%
6	5.469	571	575	578	rBV	494098	402191	6.81%	0.590%
7	5.734	616	620	624	rBV	69851	62769	1.06%	0.092%
8	6.363	723	727	737	rVB	2286677	2003308	33.94%	2.937%
9	6.722	785	788	792	rBV	1372000	1099209	18.63%	1.612%
10	7.292	879	885	888	rBV	3597681	3439395	58.28%	5.043%
11	7.498	916	920	923	rVB	103590	84567	1.43%	0.124%
12	8.010	1002	1007	1010	rBV	1906470	1729680	29.31%	2.536%
13	8.081	1016	1019	1021	rBV	82713	65048	1.10%	0.095%
14	8.357	1063	1066	1070	rBV3	99669	102826	1.74%	0.151%
15	8.392	1070	1072	1075	rVV	109571	88310	1.50%	0.129%
16	8.439	1075	1080	1084	rVV	258556	245252	4.16%	0.360%
17	8.545	1095	1098	1101	rBV3	81794	95358	1.62%	0.140%
18	8.610	1105	1109	1112	rBV	1103134	949321	16.09%	1.392%
19	8.704	1121	1125	1128	rVB2	77000	79054	1.34%	0.116%
20	8.892	1154	1157	1158	rBV	105608	95837	1.62%	0.141%
21	8.922	1158	1162	1163	rVV3	126908	160814	2.72%	0.236%
22	8.969	1167	1170	1173	rVV	229164	197522	3.35%	0.290%
23	9.010	1173	1177	1179	rVV	125809	116631	1.98%	0.171%
24	9.033	1179	1181	1185	rVB	414369	363109	6.15%	0.532%
25	9.086	1185	1190	1193	rBV	6193813	5644442	95.64%	8.276%
26	9.169	1199	1204	1209	rBV	1958894	1937035	32.82%	2.840%
27	9.392	1239	1242	1245	rBV4	54064	84283	1.43%	0.124%
28	9.422	1245	1247	1250	rBV2	113441	124609	2.11%	0.183%
29	9.492	1256	1259	1261	rVB	858476	615518	10.43%	0.902%
30	9.510	1261	1262	1266	rVB	347809	227568	3.86%	0.334%
31	9.551	1266	1269	1271	rVB3	180722	169739	2.88%	0.249%
32	9.580	1271	1274	1279	rVB5	117801	127427	2.16%	0.187%
33	9.627	1279	1282	1285	rBV4	98361	163858	2.78%	0.240%
34	9.675	1287	1290	1292	rVB2	181176	131002	2.22%	0.192%
35	9.698	1292	1294	1298	rVB	2501695	2166394	36.71%	3.176%
36	9.757	1298	1304	1308	rBV	1999005	1940229	32.88%	2.845%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.869	1321	1323	1327	rVB4	82814	94431	1.60%	0.138%
38	9.927	1330	1333	1336	rVV3	165803	225900	3.83%	0.331%
39	9.963	1336	1339	1341	rVV	240292	228043	3.86%	0.334%
40	9.986	1341	1343	1345	rVV	104224	78410	1.33%	0.115%
41	10.022	1345	1349	1353	rVB4	419196	434174	7.36%	0.637%
42	10.057	1353	1355	1357	rVB	114461	76470	1.30%	0.112%
43	10.080	1357	1359	1360	rBV2	76599	61083	1.04%	0.090%
44	10.133	1365	1368	1372	rVV3	81681	102898	1.74%	0.151%
45	10.198	1376	1379	1382	rVV	2553683	2154059	36.50%	3.158%
46	10.257	1386	1389	1394	rVB3	126362	201591	3.42%	0.296%
47	10.298	1394	1396	1398	rBV3	78056	78707	1.33%	0.115%
48	10.422	1410	1417	1419	rBV	832233	916813	15.53%	1.344%
49	10.474	1423	1426	1428	rVV	713940	591001	10.01%	0.866%
50	10.504	1428	1431	1433	rVB2	190832	171562	2.91%	0.252%
51	10.551	1433	1439	1442	rBV	3594896	3623876	61.40%	5.313%
52	10.674	1456	1460	1468	rBV	2524991	3566355	60.43%	5.229%
53	10.810	1481	1483	1488	rBV3	49292	78189	1.32%	0.115%
54	10.863	1489	1492	1493	rBV	139462	110998	1.88%	0.163%
55	10.922	1499	1502	1505	rVB2	195225	208684	3.54%	0.306%
56	10.957	1505	1508	1510	rVV	140968	113129	1.92%	0.166%
57	11.004	1513	1516	1519	rVB3	410913	385551	6.53%	0.565%
58	11.121	1532	1536	1538	rBV	2176729	1836759	31.12%	2.693%
59	11.151	1538	1541	1547	rVB	746887	710123	12.03%	1.041%
60	11.204	1547	1550	1553	rVB4	82547	92585	1.57%	0.136%
61	11.239	1553	1556	1560	rBV	1957570	1753676	29.71%	2.571%
62	11.292	1563	1565	1570	rVB3	86010	114886	1.95%	0.168%
63	11.392	1579	1582	1584	rBV	112047	120936	2.05%	0.177%
64	11.421	1584	1587	1591	rVB3	166642	216596	3.67%	0.318%
65	11.457	1591	1593	1595	rBV	112761	87208	1.48%	0.128%
66	11.498	1597	1600	1603	rVB	233686	218616	3.70%	0.321%
67	11.545	1604	1608	1611	rVV	1991878	1589908	26.94%	2.331%
68	11.704	1632	1635	1638	rBV3	97849	133756	2.27%	0.196%
69	11.792	1644	1650	1656	rBV	2982427	3439792	58.28%	5.043%
70	11.951	1674	1677	1680	rBV	1662406	1243106	21.06%	1.823%
71	12.233	1722	1725	1728	rVB	119203	107612	1.82%	0.158%
72	12.339	1739	1743	1746	rVB	1253699	971639	16.46%	1.425%
73	12.480	1764	1767	1769	rBV3	136703	158737	2.69%	0.233%
74	12.563	1778	1781	1793	rVB	880259	1066376	18.07%	1.563%
75	12.710	1803	1806	1809	rVB	665641	514917	8.72%	0.755%
76	12.751	1811	1813	1818	rVB	76453	74881	1.27%	0.110%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.833	1822	1827	1830	rBV	5601297	5901682	100.00%	8.653%
78	13.063	1863	1866	1870	rVB	268183	231375	3.92%	0.339%
79	13.210	1888	1891	1896	rVB2	73913	80198	1.36%	0.118%
80	13.404	1921	1924	1928	rVB	104700	97540	1.65%	0.143%
81	13.733	1977	1980	1992	rBV	321443	453904	7.69%	0.665%
82	13.874	2000	2004	2007	rBV	1664411	1483807	25.14%	2.175%
83	13.974	2014	2021	2031	rBV	906454	977295	16.56%	1.433%
84	14.051	2031	2034	2042	rVB	86165	88204	1.49%	0.129%
85	14.357	2083	2086	2094	rVB	83455	97174	1.65%	0.142%
86	14.510	2109	2112	2116	rBV	92864	84896	1.44%	0.124%
87	14.651	2133	2136	2142	rVB	77891	81402	1.38%	0.119%
88	14.721	2145	2148	2157	rVB2	111399	122737	2.08%	0.180%
89	14.974	2187	2191	2196	rBV	74112	84706	1.44%	0.124%
90	15.292	2240	2245	2249	rBV	994234	1190463	20.17%	1.745%
91	15.333	2249	2252	2259	rVB2	59854	83140	1.41%	0.122%
92	15.739	2318	2321	2326	rVB2	44998	62769	1.06%	0.092%
93	15.962	2354	2359	2372	rBV8	100095	284653	4.82%	0.417%
94	16.145	2384	2390	2396	rBV4	94084	173372	2.94%	0.254%

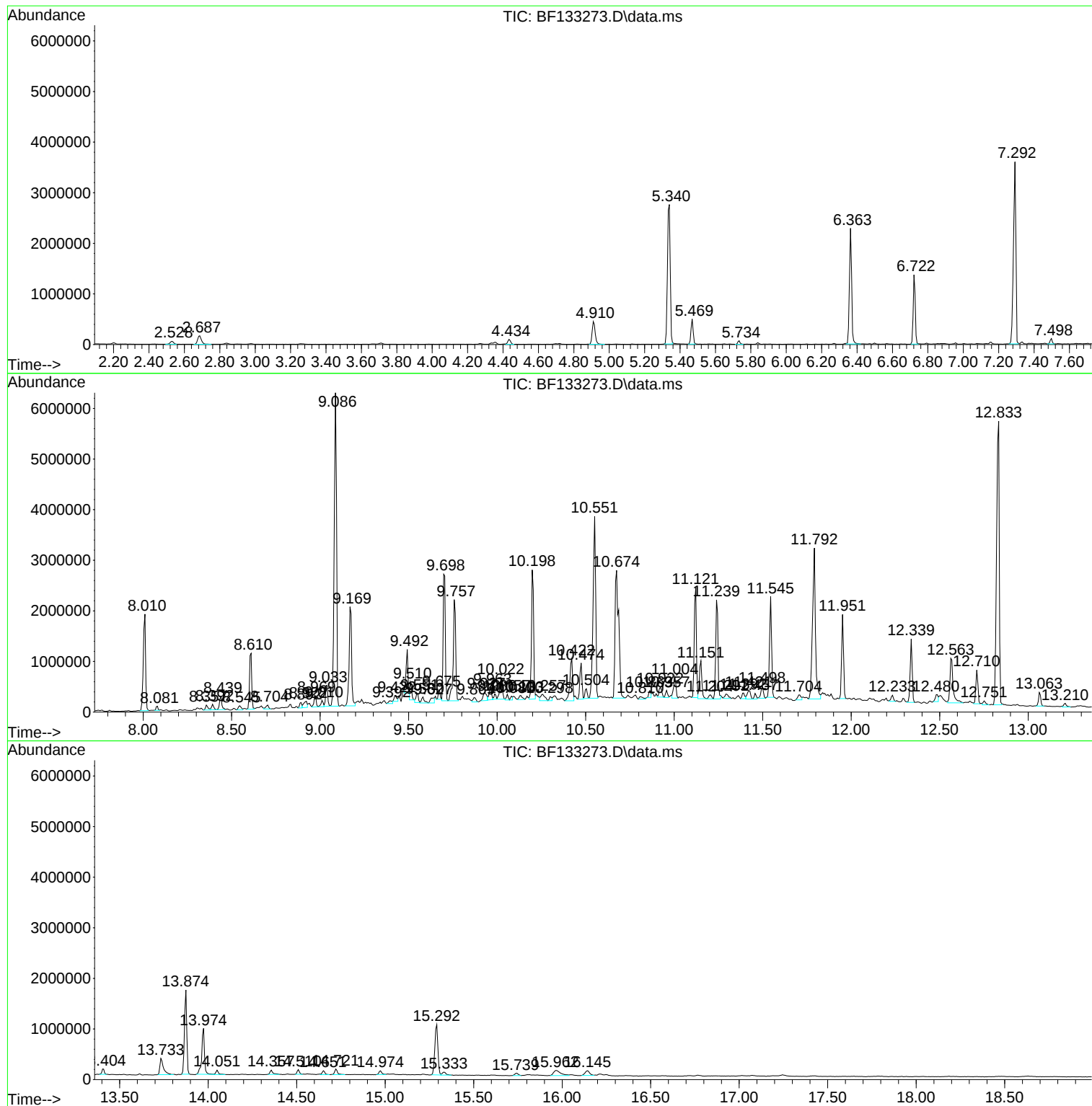
Sum of corrected areas: 68206508

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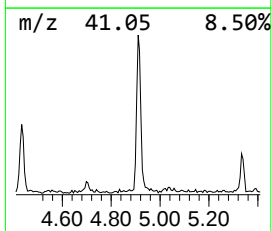
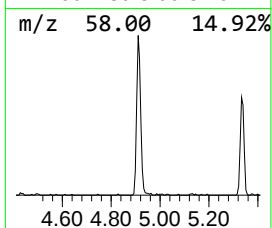
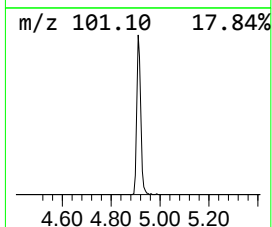
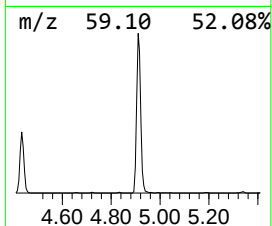
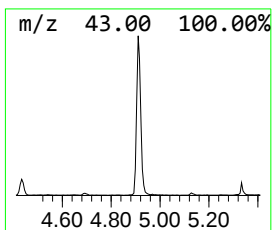
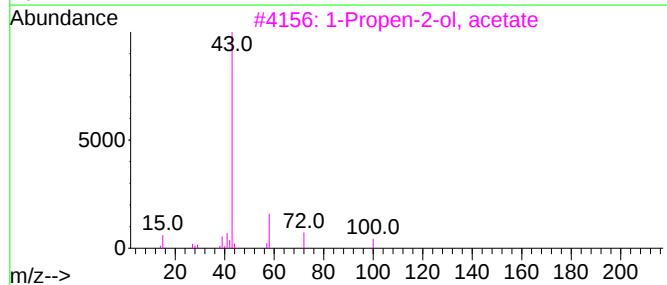
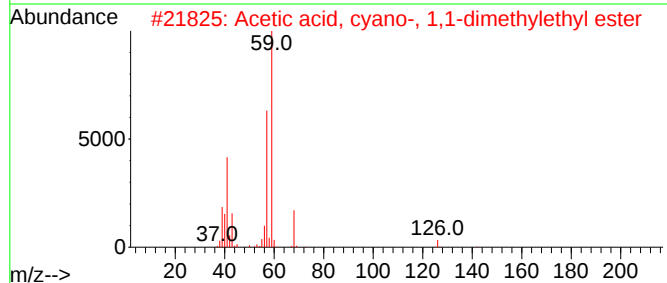
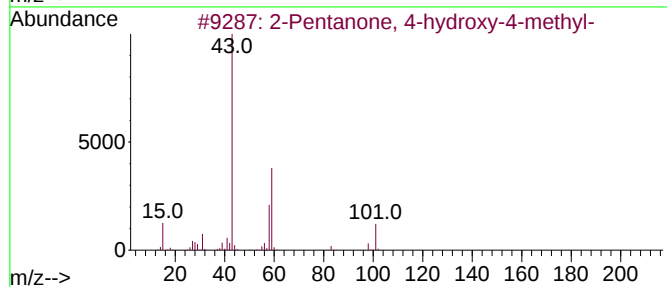
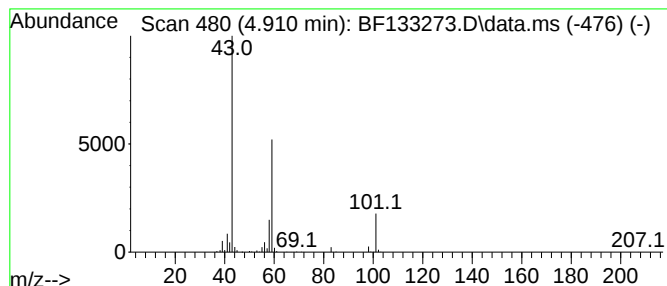
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.910	9.73 ng	535020	1,4-Dichlorobenzene-d4	6.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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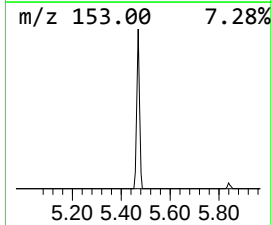
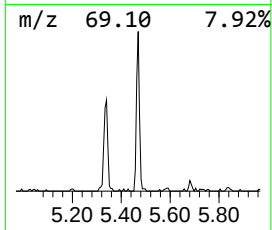
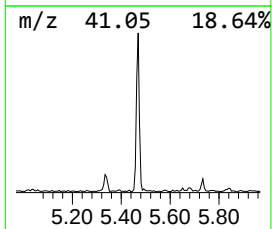
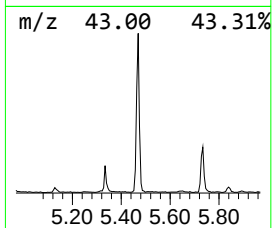
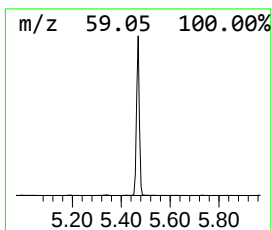
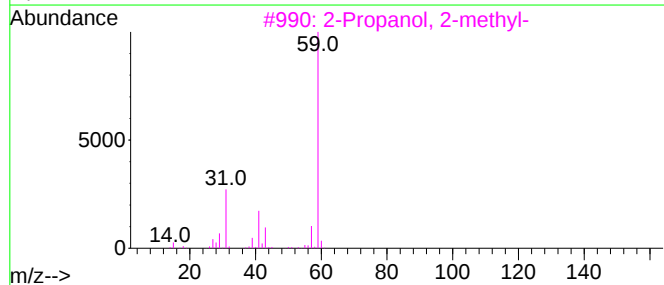
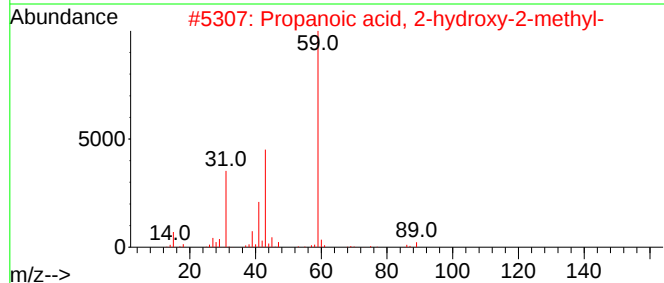
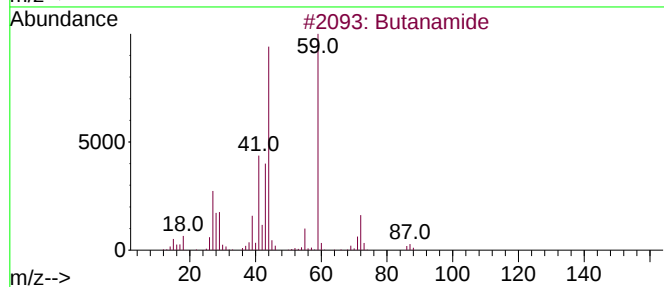
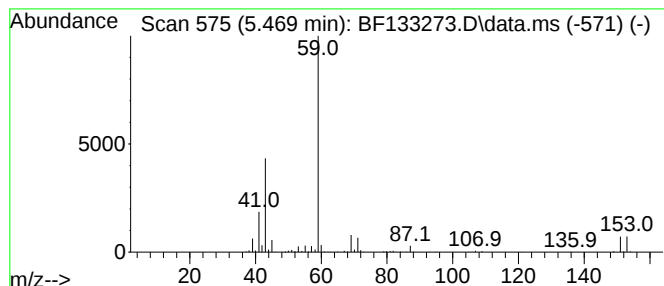
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butanamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.469	7.32 ng	402191	1,4-Dichlorobenzene-d4	6.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanamide	87	C4H9NO	000541-35-5	72
2			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	64
3			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	53
4			Acetic acid, 3-methoxy-2-butyl e...	146	C7H14O3	1000151-29-7	50
5			2-Methyl-3-bromo-2-butanol	166	C5H11BrO	002588-77-4	43



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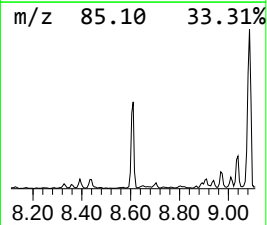
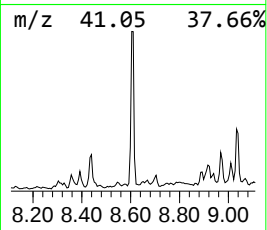
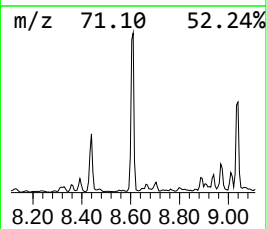
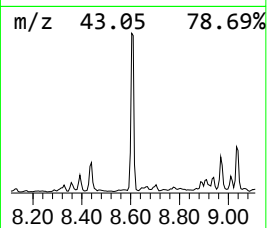
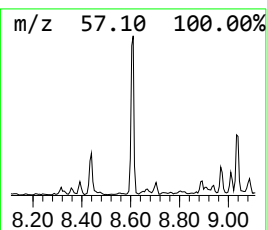
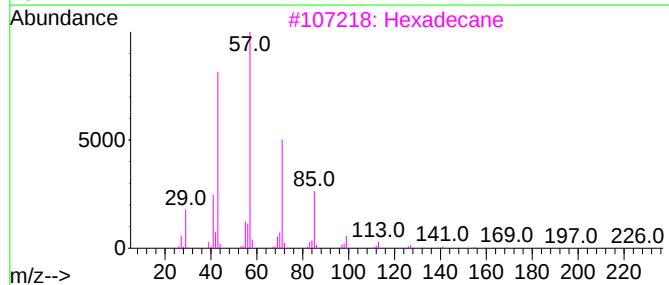
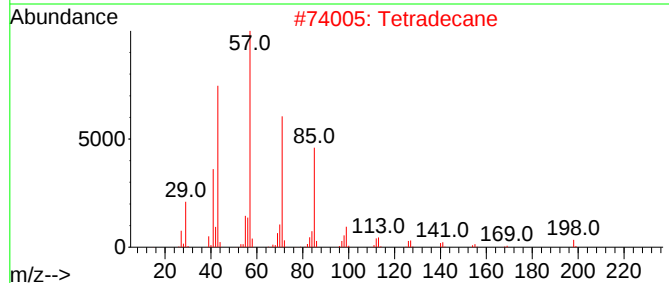
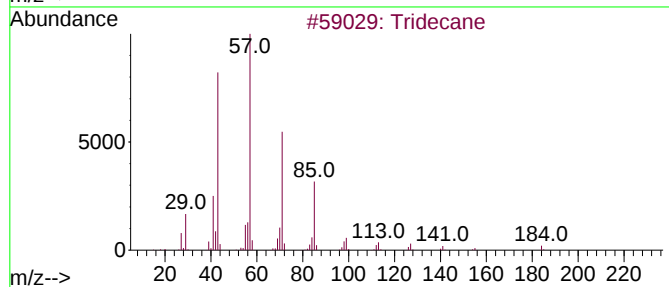
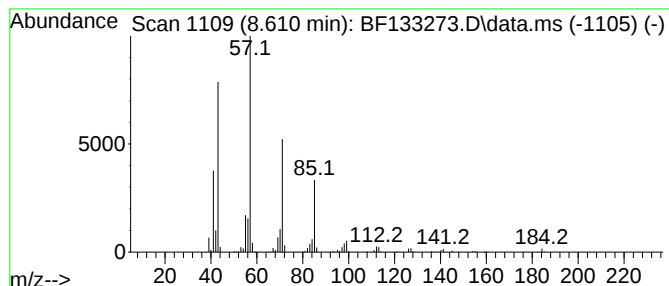
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	10.98 ng	949321	Naphthalene-d8	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tetradecane	198	C14H30	000629-59-4	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Hexatriacontane	507	C36H74	000630-06-8	83
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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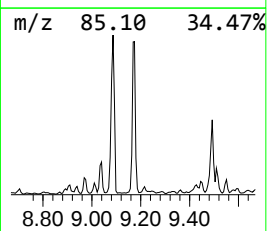
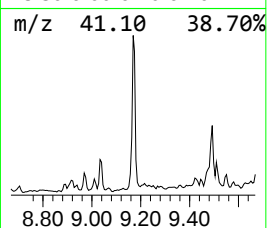
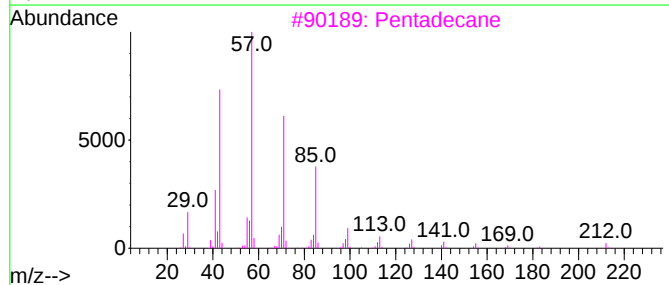
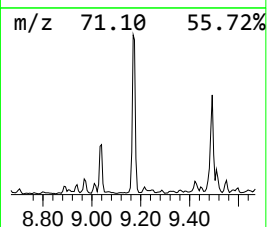
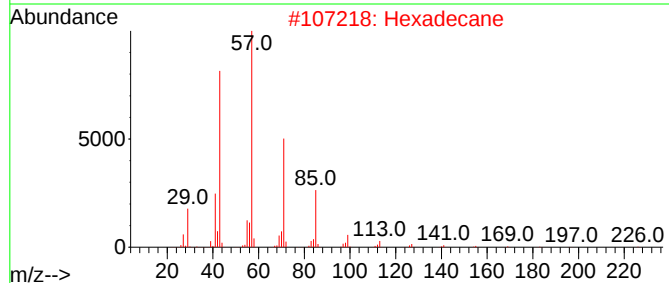
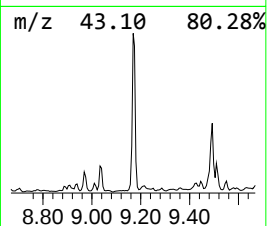
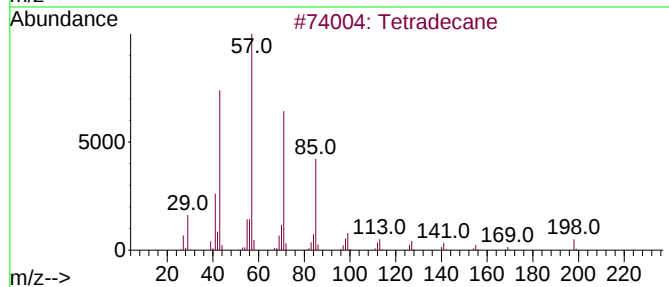
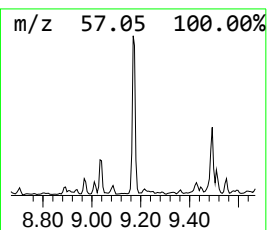
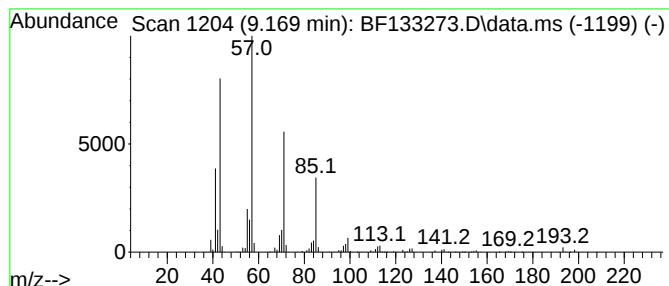
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	19.97 ng	1937040	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Undecane	156	C11H24	001120-21-4	86
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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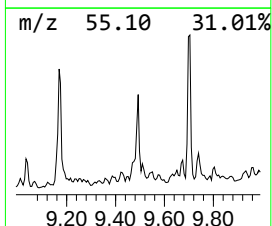
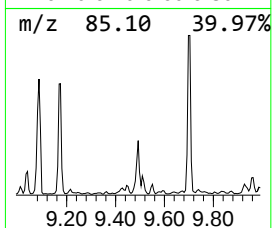
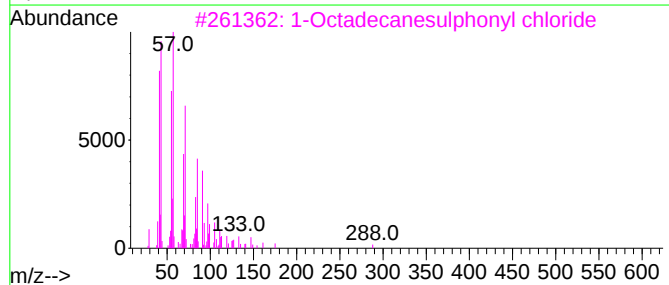
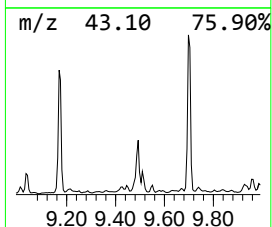
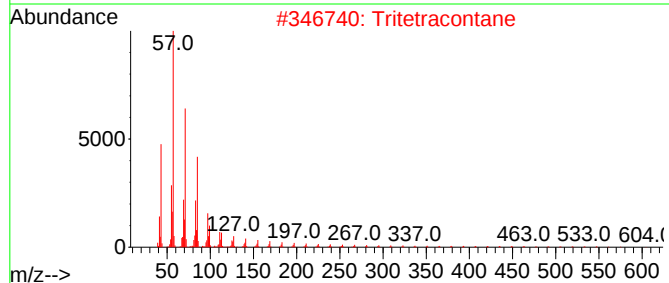
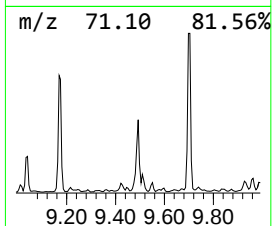
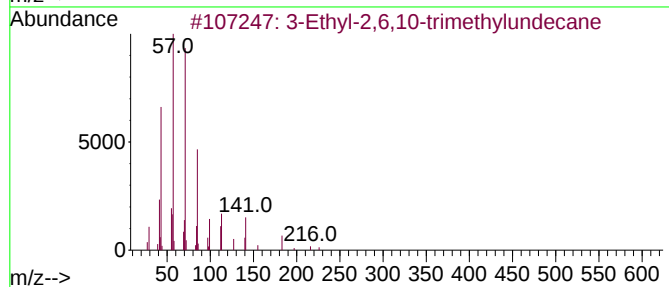
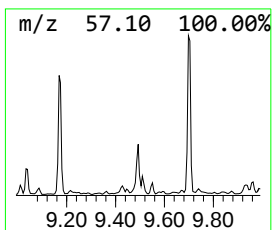
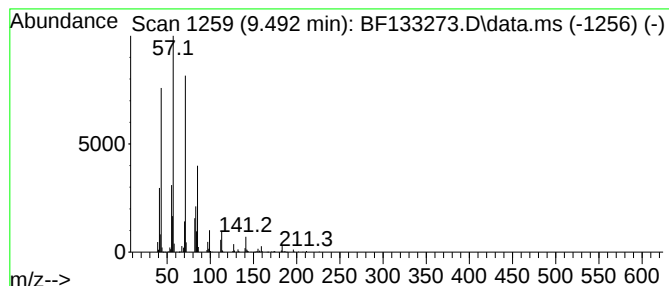
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 3-Ethyl-2,6,10-trimethylund... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	6.34 ng	615518	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	95
2			Tritetracontane	605	C43H88	007098-21-7	90
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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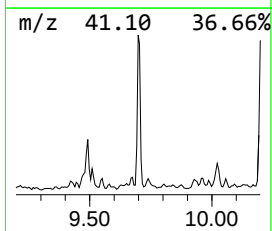
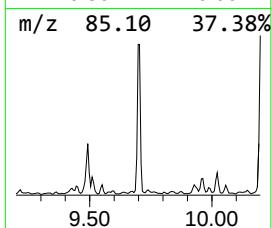
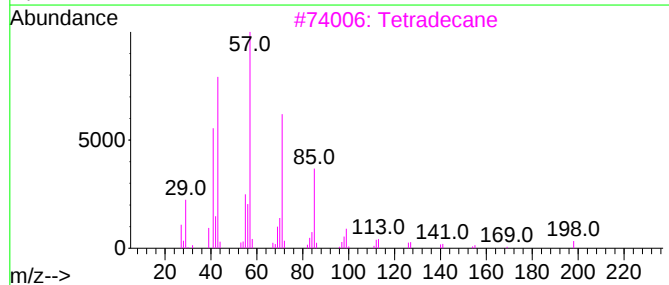
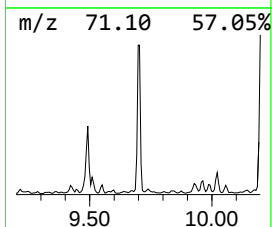
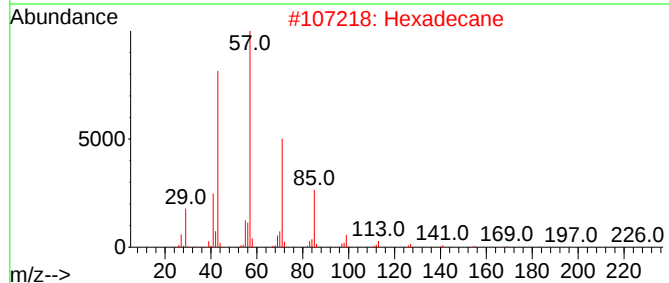
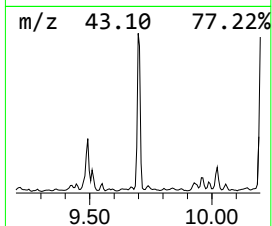
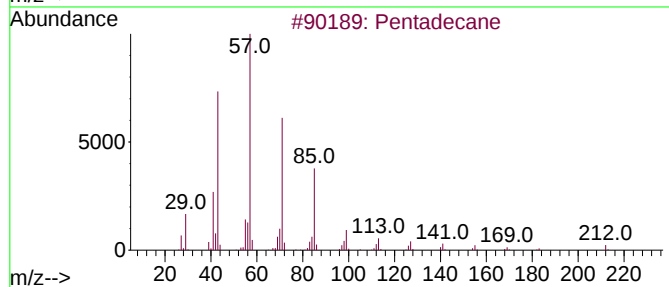
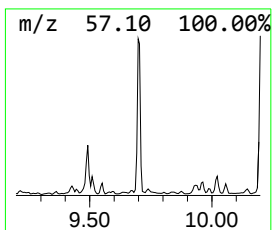
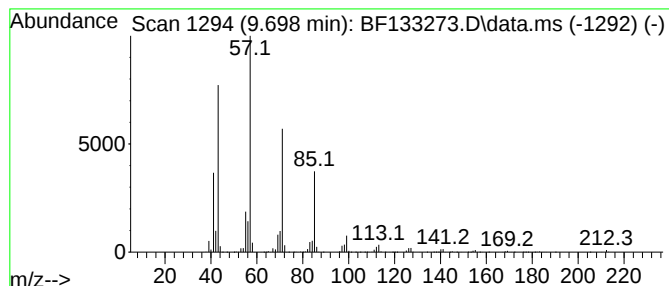
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	22.33 ng	2166390	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	80
4			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5			Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN002

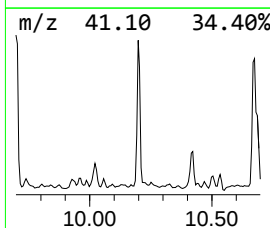
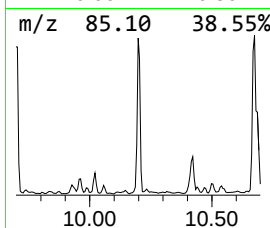
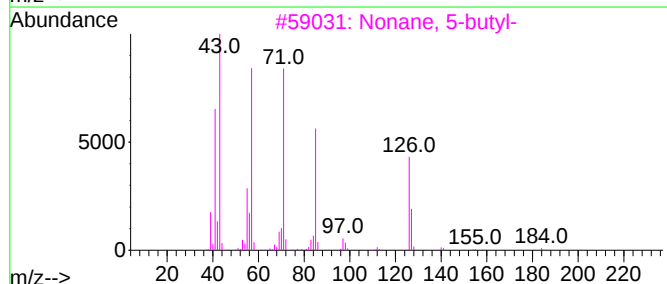
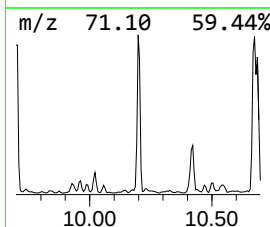
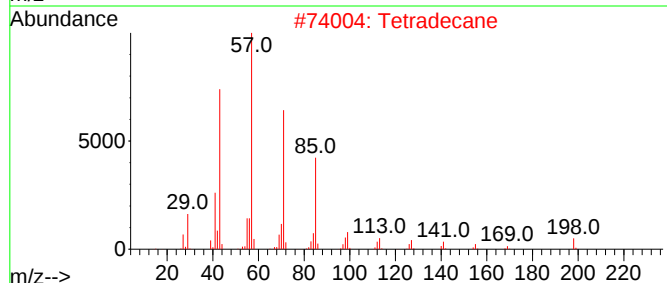
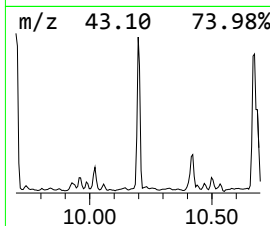
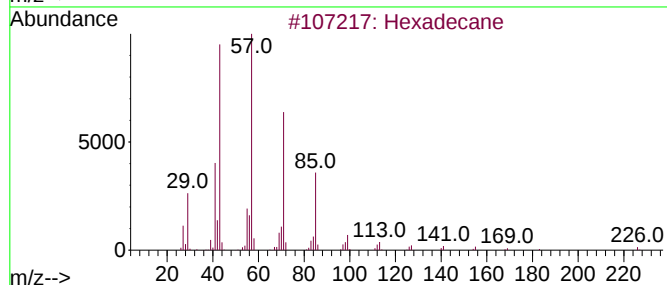
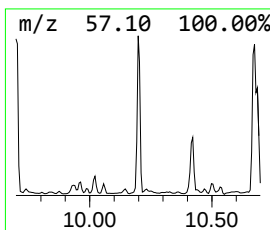
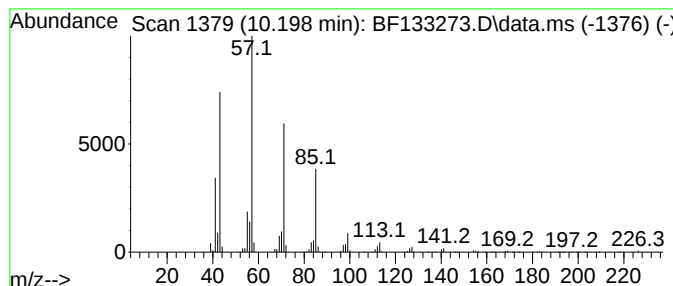
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	22.20 ng	2154060	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
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Instrument :
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ClientSampleId :
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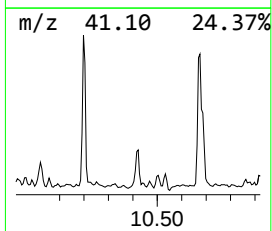
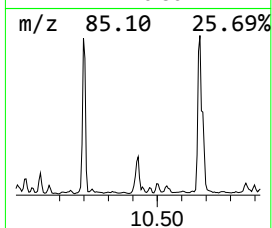
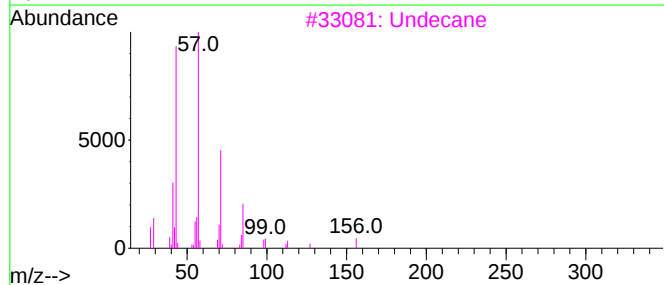
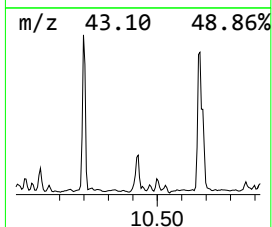
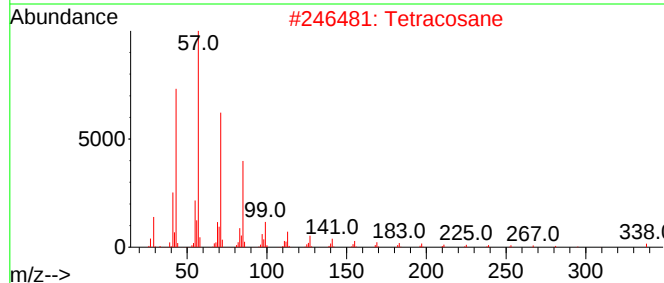
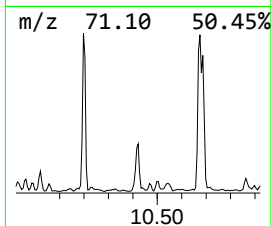
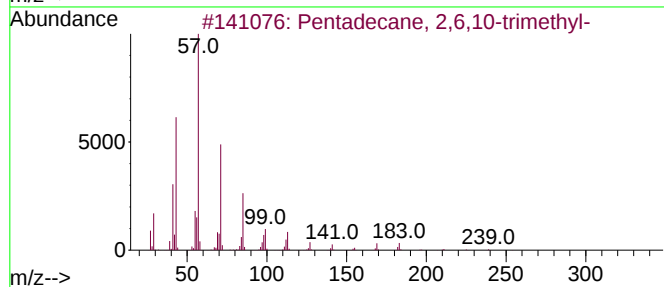
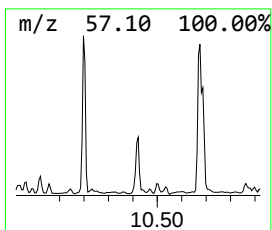
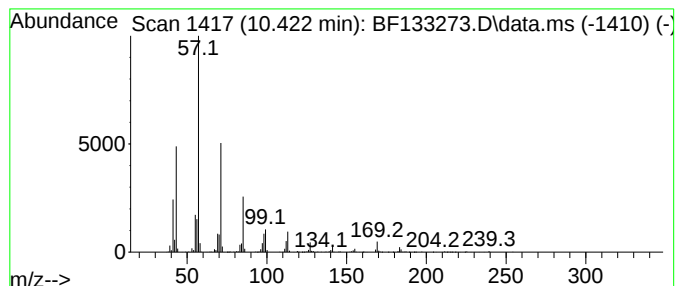
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.422	9.45 ng	916813	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2			Tetracosane	338	C24H50	000646-31-1	72
3			Undecane	156	C11H24	001120-21-4	72
4			Heneicosane	296	C21H44	000629-94-7	72
5			Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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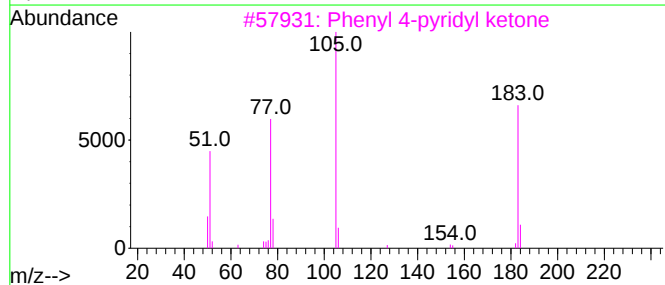
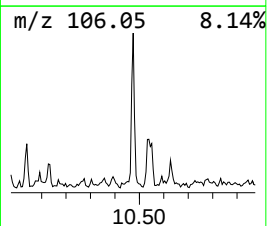
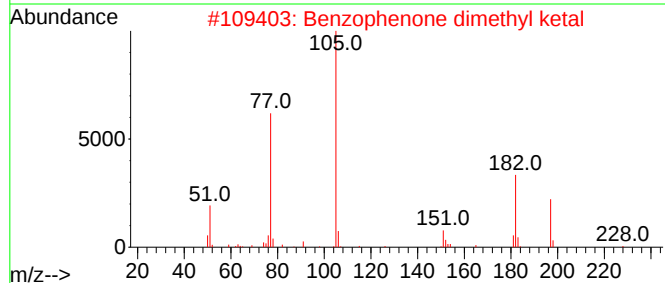
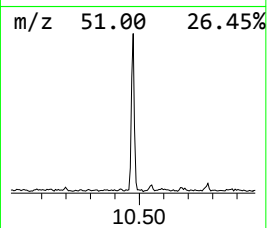
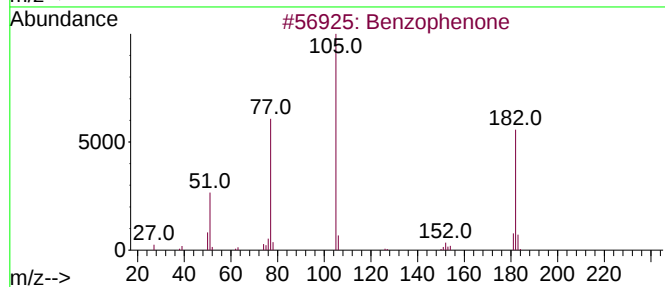
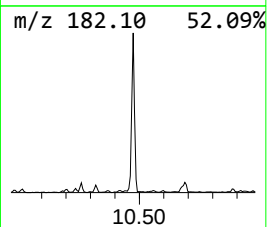
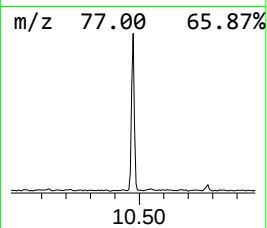
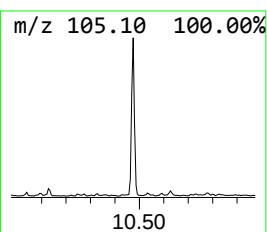
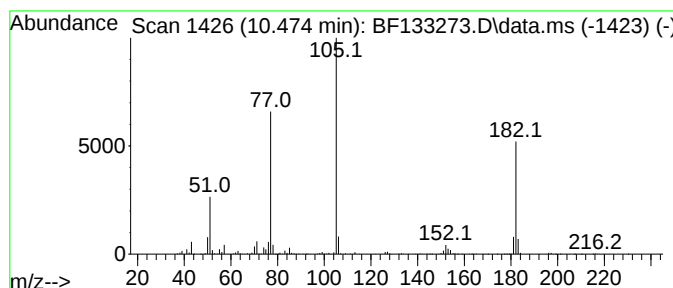
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	6.09 ng	591001	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone dimethyl ketal	228	C15H16O2	002235-01-0	72
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
4			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
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Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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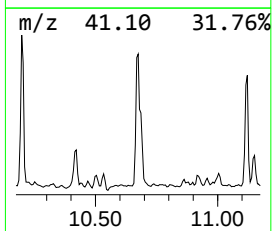
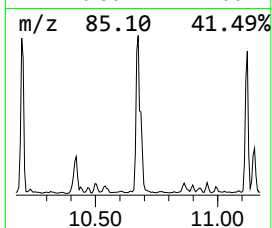
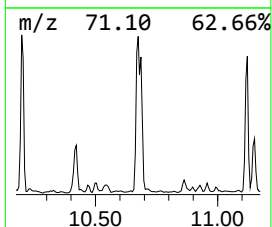
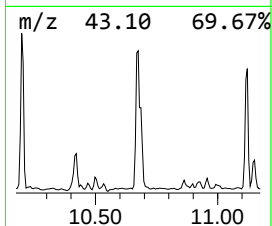
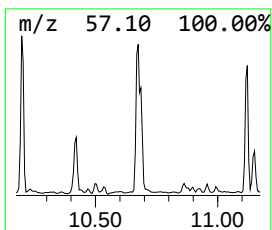
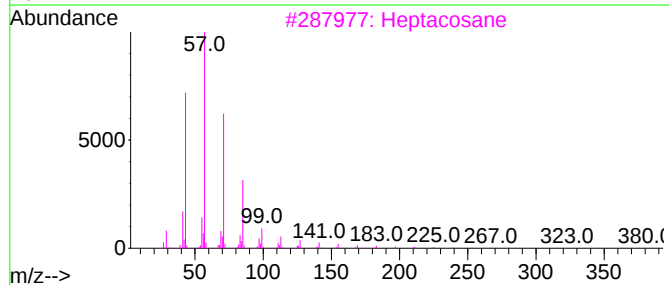
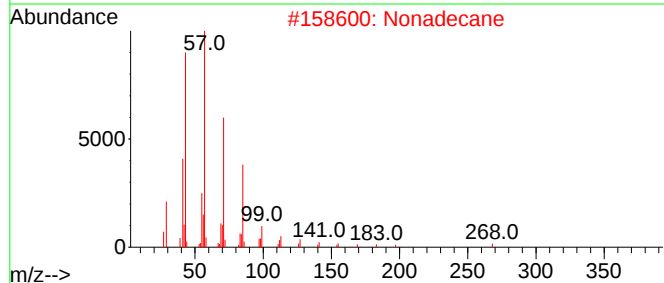
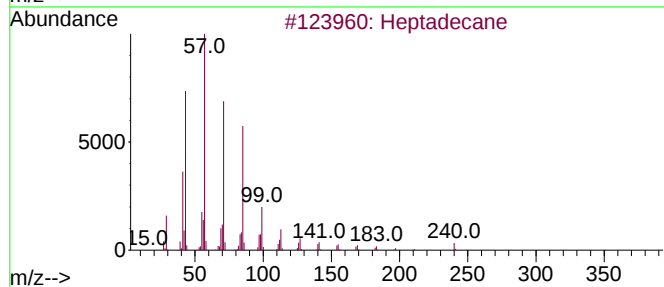
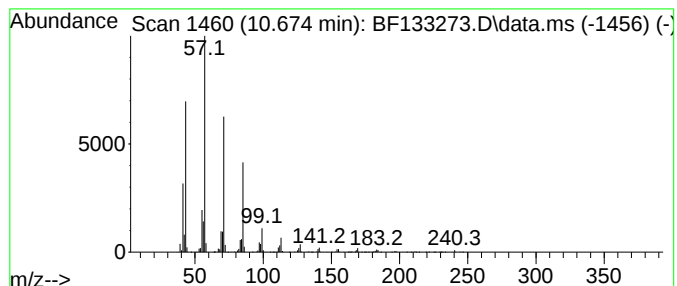
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	40.67 ng	3566360	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetradecane	198	C14H30	000629-59-4	91
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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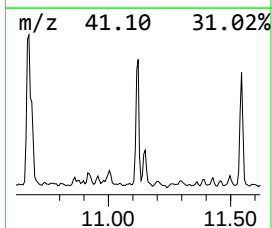
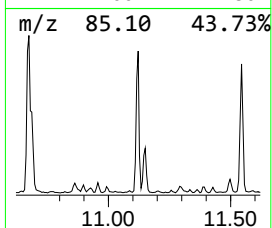
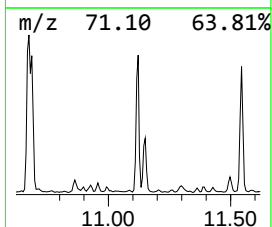
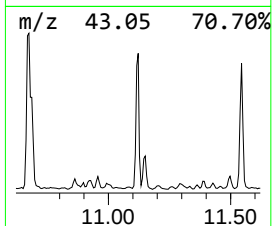
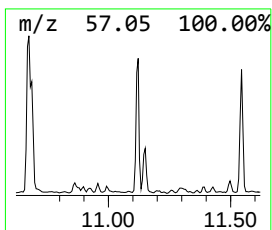
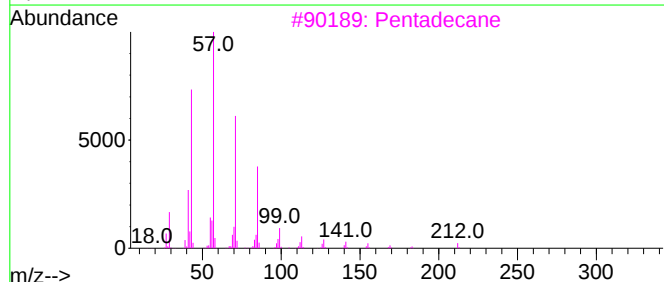
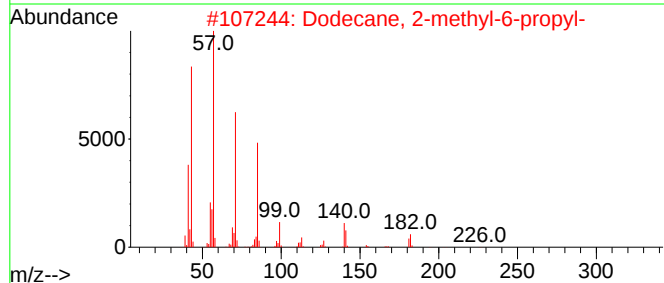
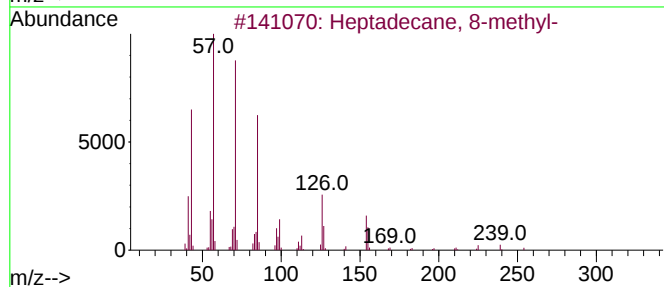
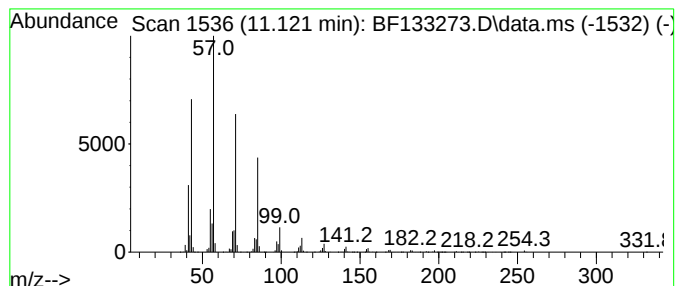
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 8-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.121	20.95 ng	1836760	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Pentadecane	212	C15H32	000629-62-9	91
4		Tetradecane	198	C14H30	000629-59-4	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
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ClientSampleId :
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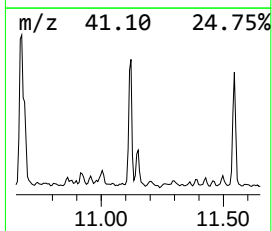
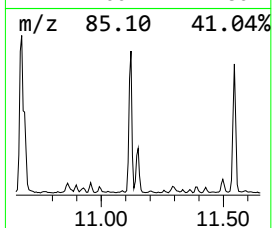
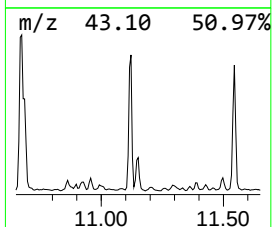
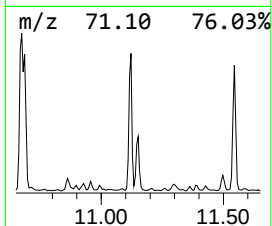
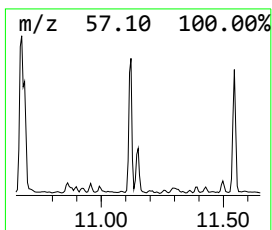
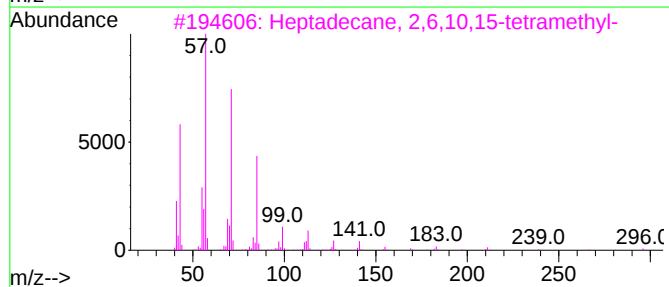
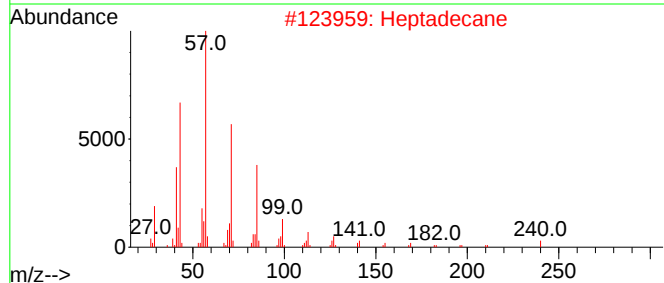
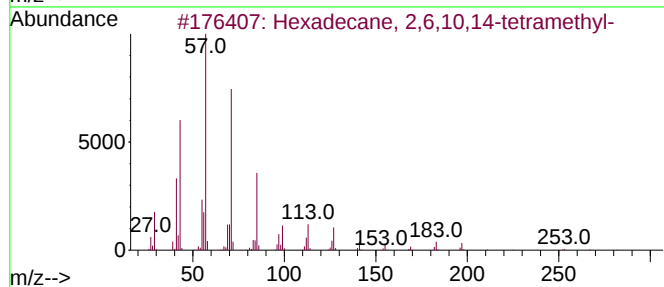
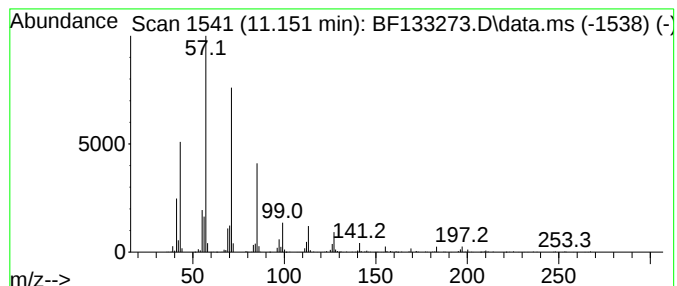
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.151	8.10 ng	710123	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Tetratetracontane	619	C44H90	007098-22-8	86
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

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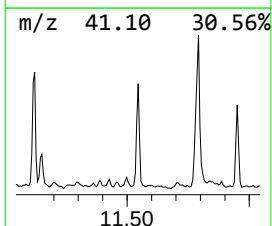
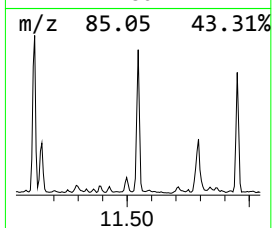
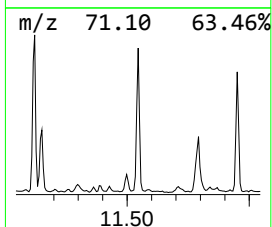
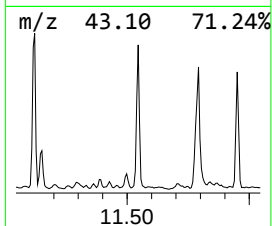
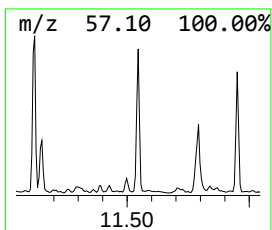
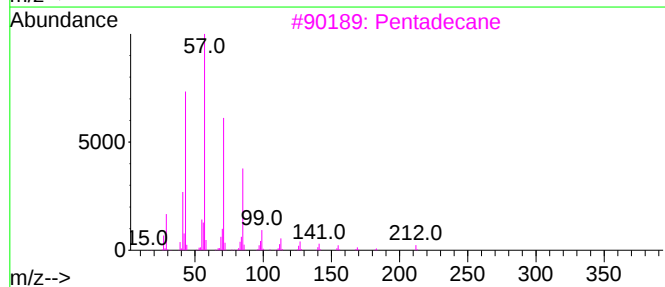
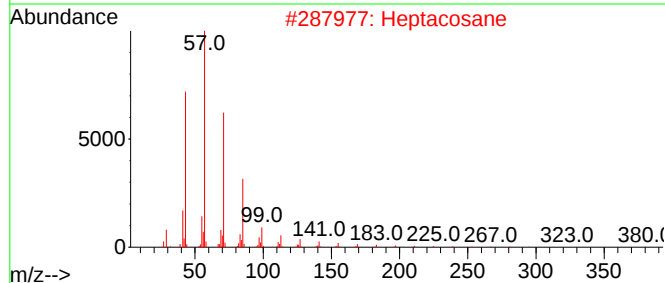
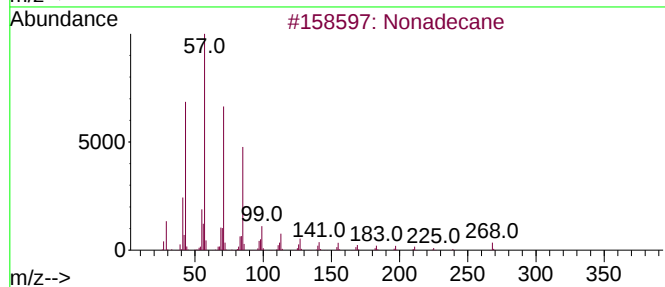
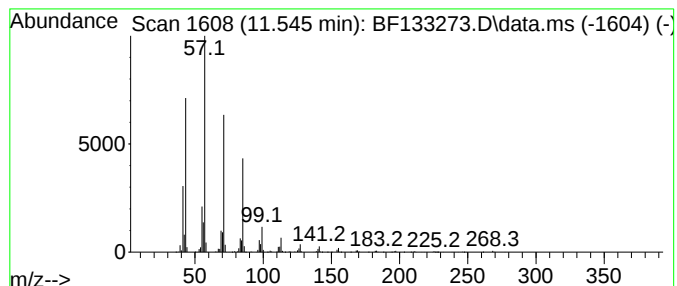
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.545	18.13 ng	1589910	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Heptacosane	380	C27H56	000593-49-7	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN002

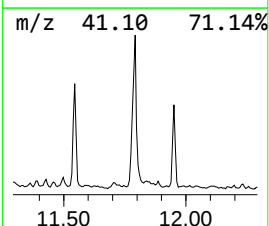
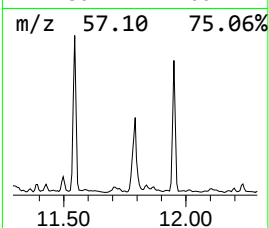
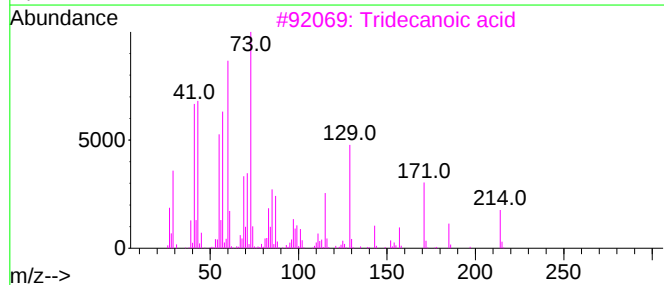
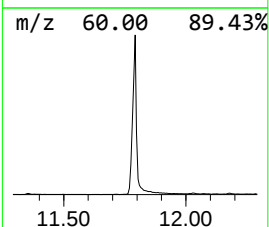
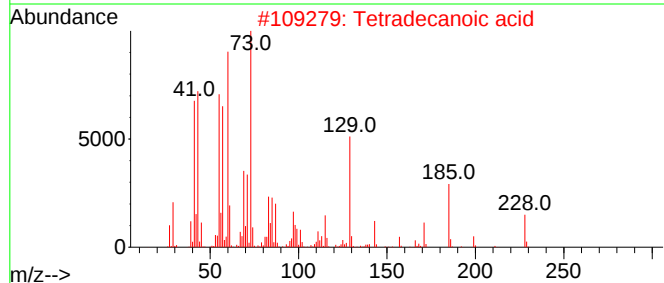
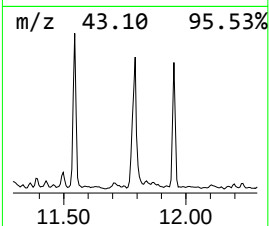
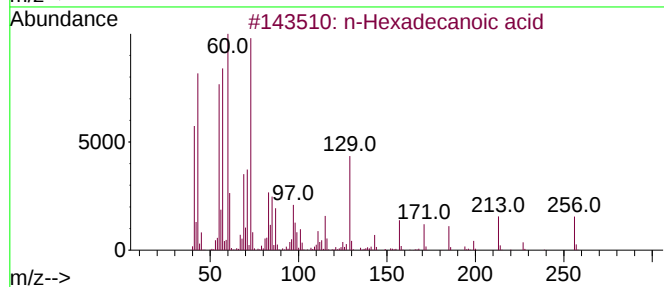
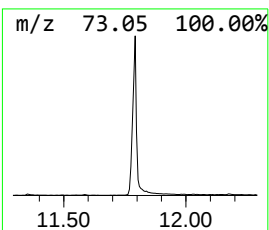
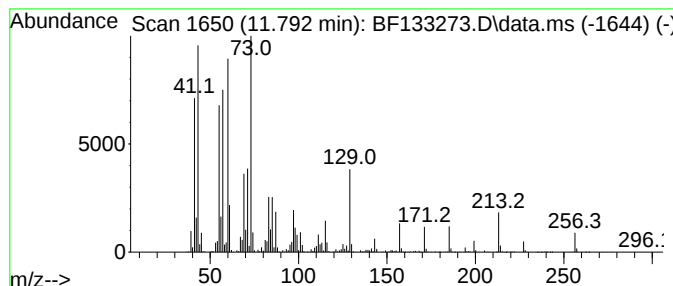
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	39.23 ng	3439790	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
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Instrument :
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ClientSampleId :
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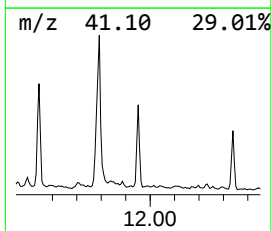
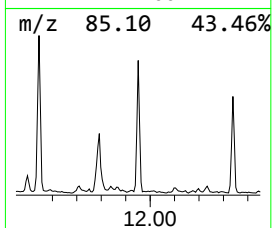
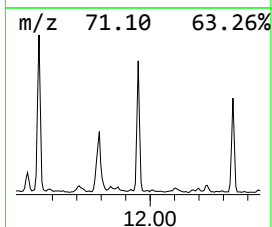
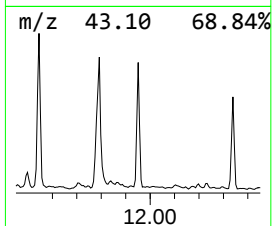
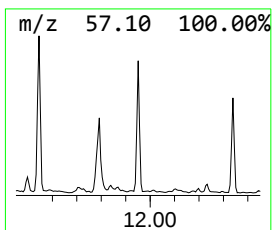
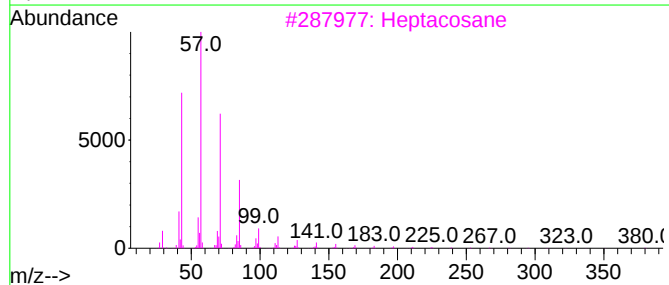
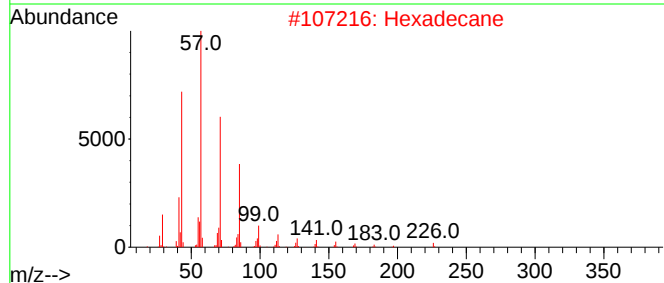
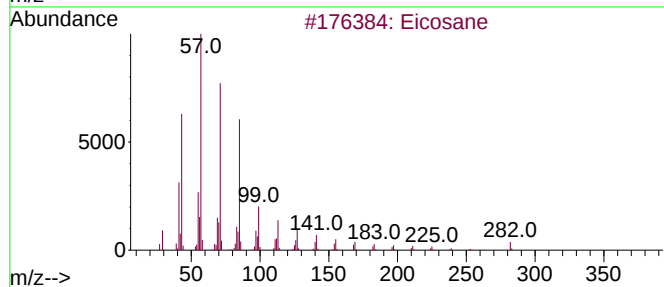
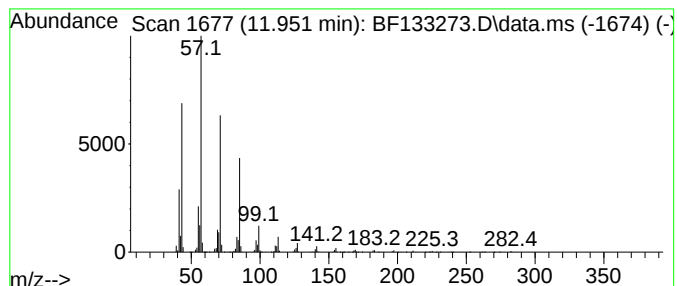
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	14.18 ng	1243110	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Hexadecane	226	C16H34	000544-76-3	93
3			Heptacosane	380	C27H56	000593-49-7	91
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
5			Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
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Acq On : 05 May 2023 20:19
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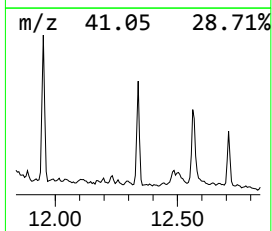
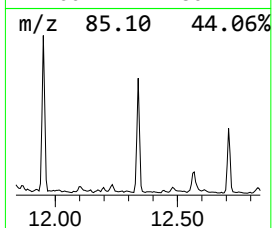
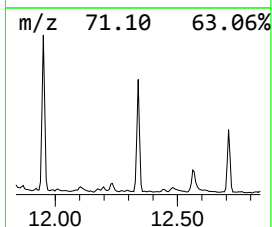
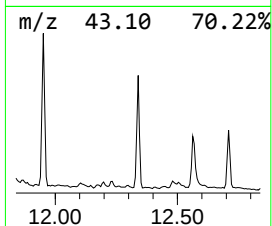
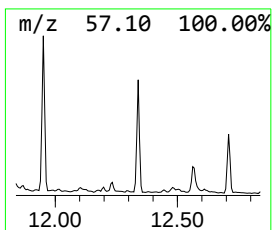
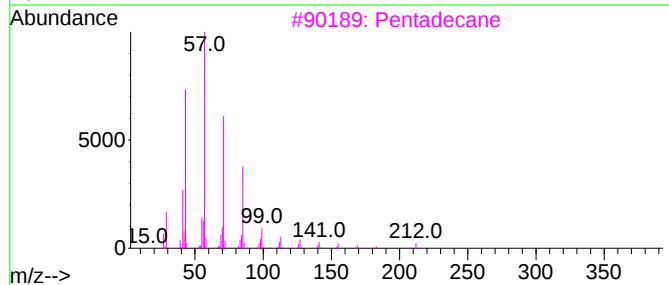
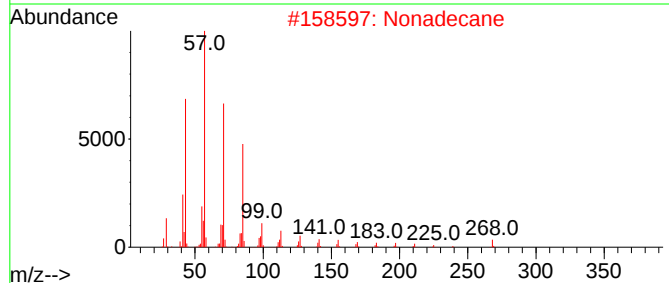
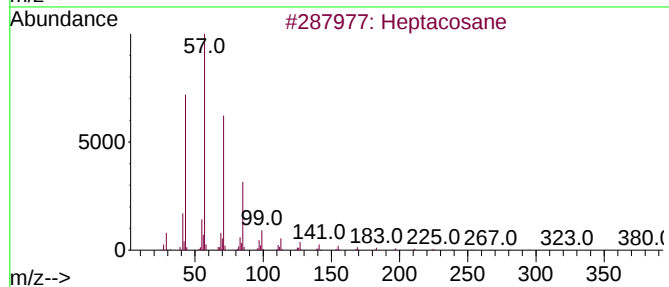
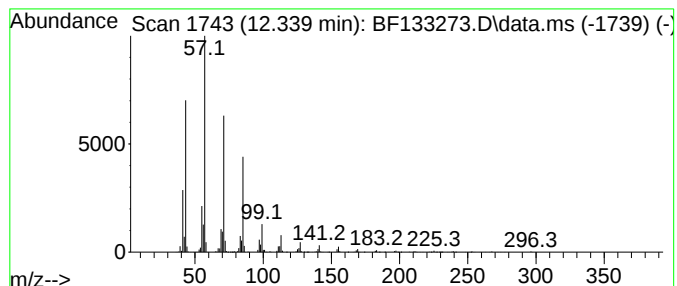
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.339	11.08 ng	971639	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Nonadecane		268	C19H40	000629-92-5	91
3	Pentadecane		212	C15H32	000629-62-9	91
4	Eicosane		282	C20H42	000112-95-8	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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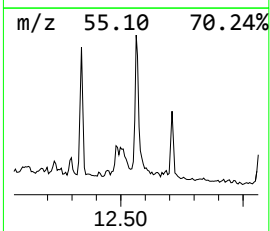
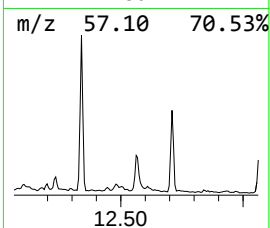
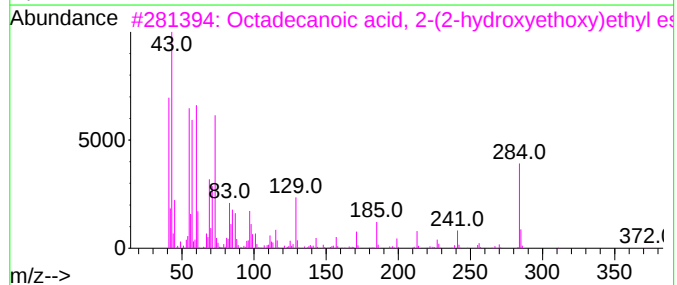
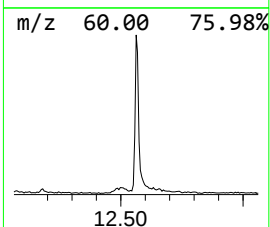
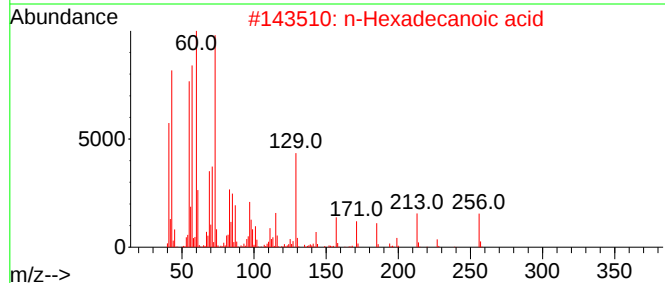
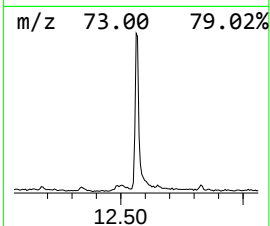
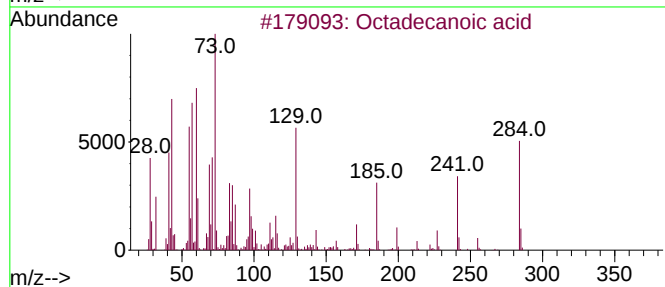
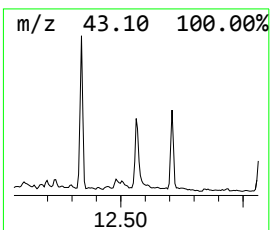
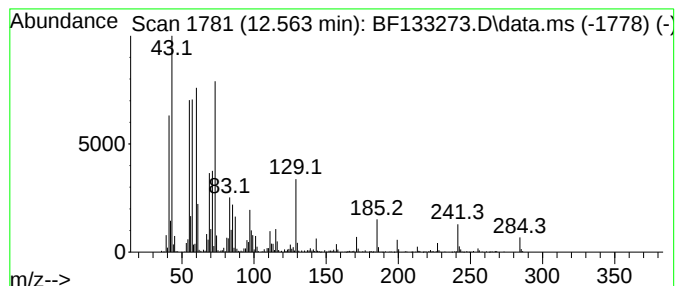
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	14.37 ng	1066380	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

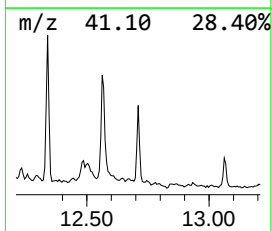
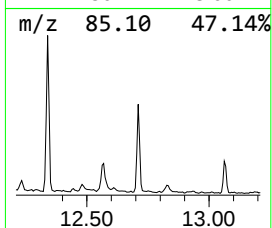
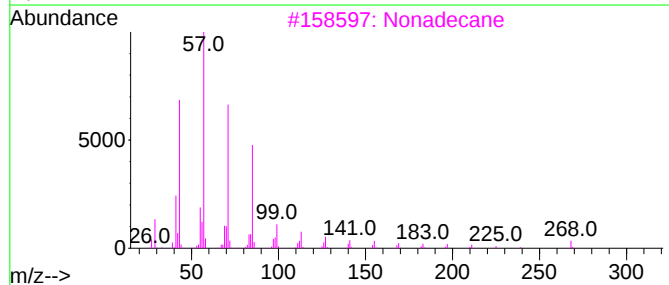
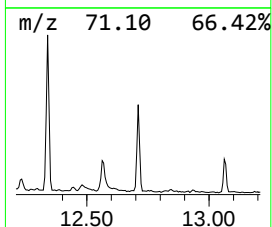
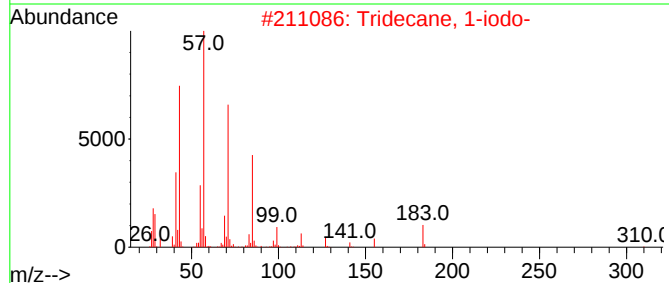
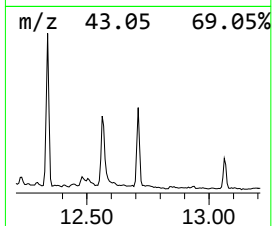
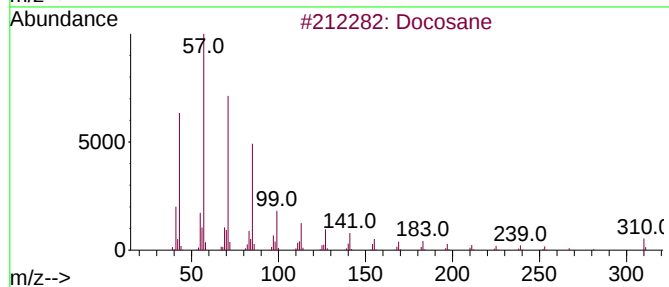
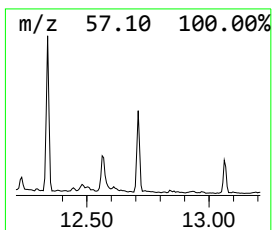
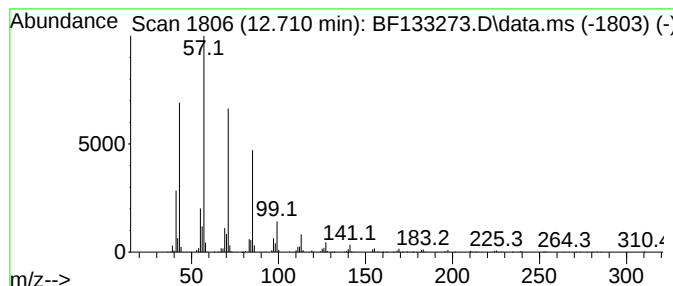
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Docosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.710	6.94 ng	514917	Chrysene-d12		13.874	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	97
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	93
3	Nonadecane		268	C19H40	000629-92-5	91
4	Octadecane		254	C18H38	000593-45-3	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN002

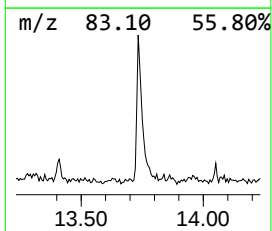
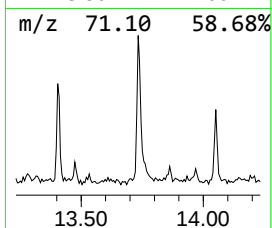
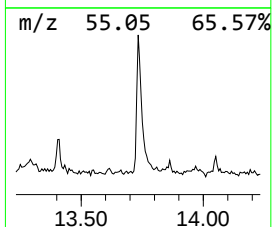
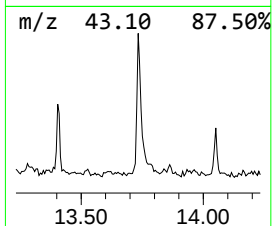
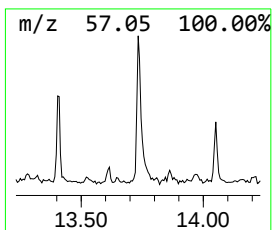
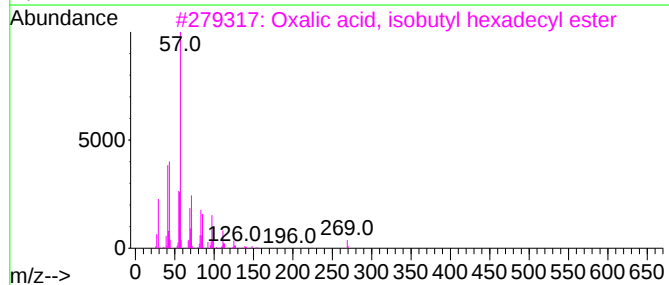
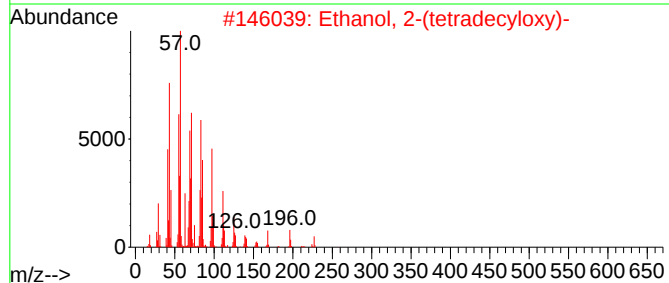
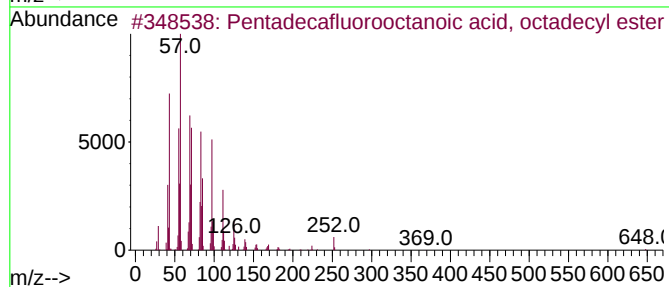
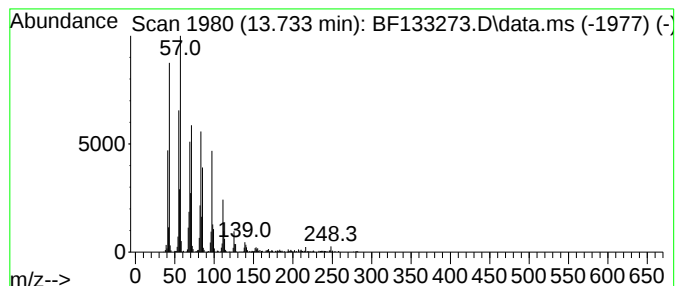
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecafluorooctanoic aci... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	6.12 ng	453904	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
5			Cyclopentadecane	210	C15H30	000295-48-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN002

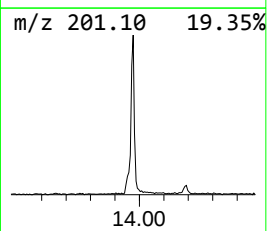
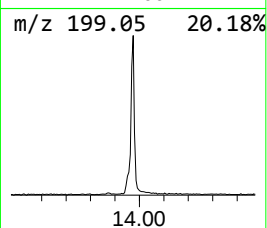
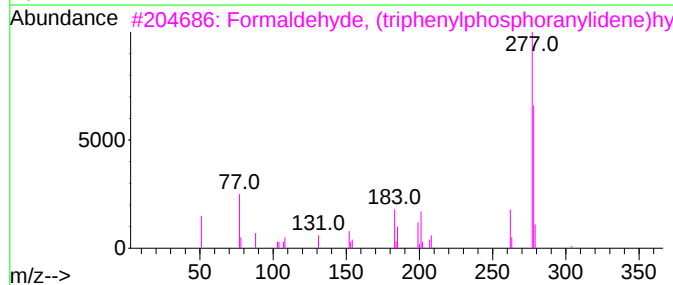
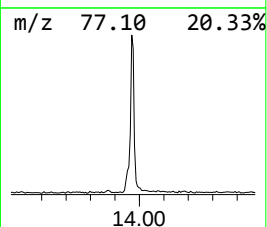
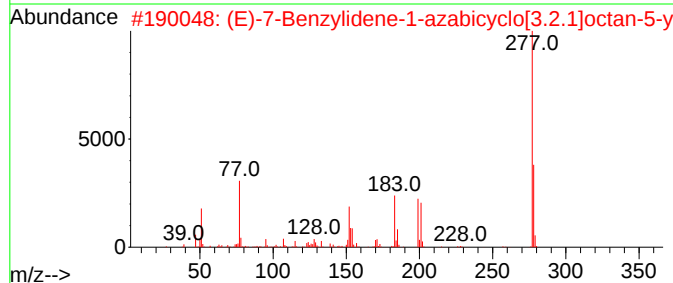
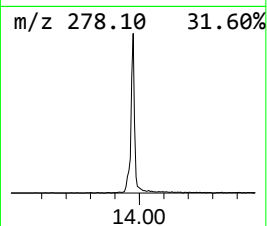
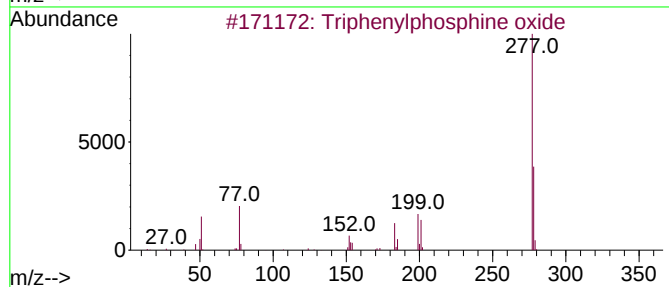
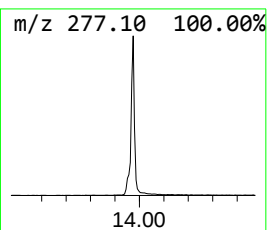
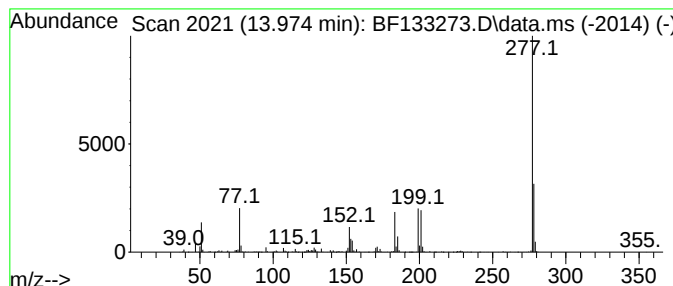
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Triphenylphosphine oxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	13.17 ng	977295	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	87
3			Formaldehyde, (triphenylphosphor...]	304	C19H17N2P	015990-54-2	42
4			4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	12
5			Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133273.D
Acq On : 05 May 2023 20:19
Operator : CG\JU
Sample : 02618-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN002

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
2-Pentanone, 4-...	4.910	9.7	ng	535020	1	6.722	1099210	20.0
Butanamide	5.469	7.3	ng	402191	1	6.722	1099210	20.0
Tridecane	8.610	11.0	ng	949321	2	8.010	1729680	20.0
Tetradecane	9.169	20.0	ng	1937040	3	9.757	1940230	20.0
3-Ethyl-2,6,10-...	9.492	6.3	ng	615518	3	9.757	1940230	20.0
Pentadecane	9.698	22.3	ng	2166390	3	9.757	1940230	20.0
Hexadecane	10.198	22.2	ng	2154060	3	9.757	1940230	20.0
Pentadecane, 2,...	10.422	9.4	ng	916813	3	9.757	1940230	20.0
Benzophenone	10.475	6.1	ng	591001	3	9.757	1940230	20.0
Heptadecane	10.675	40.7	ng	3566360	4	11.239	1753680	20.0
Heptadecane, 8-...	11.121	20.9	ng	1836760	4	11.239	1753680	20.0
Hexadecane, 2,6...	11.151	8.1	ng	710123	4	11.239	1753680	20.0
Nonadecane	11.545	18.1	ng	1589910	4	11.239	1753680	20.0
n-Hexadecanoic ...	11.792	39.2	ng	3439790	4	11.239	1753680	20.0
Eicosane	11.951	14.2	ng	1243110	4	11.239	1753680	20.0
Heptacosane	12.339	11.1	ng	971639	4	11.239	1753680	20.0
Octadecanoic acid	12.563	14.4	ng	1066380	5	13.874	1483810	20.0
Docosane	12.710	6.9	ng	514917	5	13.874	1483810	20.0
Pentadecafluoro...	13.733	6.1	ng	453904	5	13.874	1483810	20.0
Triphenylphosph...	13.974	13.2	ng	977295	5	13.874	1483810	20.0