

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132702.D
 Acq On : 08 Mar 2023 21:36
 Operator : CG\JU
 Sample : 01834-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132702.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	443	448	456	rVB	1407183	1682580	47.61%	5.016%
2	5.616	511	515	527	rVB	3421949	3264628	92.38%	9.733%
3	6.616	680	685	688	rBV	3371872	3241856	91.74%	9.665%
4	6.987	744	748	752	rBV	1129726	854722	24.19%	2.548%
5	7.551	839	844	847	rBV	2474544	2127495	60.20%	6.343%
6	8.269	963	966	969	rBV	1263817	1051718	29.76%	3.136%
7	9.345	1145	1149	1152	rBV	4242608	3533818	100.00%	10.535%
8	9.416	1158	1161	1165	rBV	61064	49958	1.41%	0.149%
9	9.686	1199	1207	1210	rBV3	39017	53402	1.51%	0.159%
10	9.945	1248	1251	1255	rVB	75977	58865	1.67%	0.175%
11	10.033	1262	1266	1269	rVV	1249294	1105205	31.28%	3.295%
12	10.063	1269	1271	1274	rVB	92191	69824	1.98%	0.208%
13	10.233	1296	1300	1303	rVB2	48048	46722	1.32%	0.139%
14	10.345	1316	1319	1322	rBV3	32503	44097	1.25%	0.131%
15	10.445	1333	1336	1340	rVB	88365	76709	2.17%	0.229%
16	10.581	1356	1359	1365	rVB	85262	74674	2.11%	0.223%
17	10.745	1384	1387	1390	rVB	204317	168049	4.76%	0.501%
18	10.822	1396	1400	1404	rBV	2145820	1945489	55.05%	5.800%
19	10.922	1414	1417	1427	rVB3	86223	132416	3.75%	0.395%
20	11.369	1490	1493	1496	rBV	80592	74184	2.10%	0.221%
21	11.528	1516	1520	1522	rBV	1168665	1016242	28.76%	3.030%
22	11.551	1522	1524	1528	rVB	539411	423125	11.97%	1.261%
23	11.604	1528	1533	1535	rBV	144449	142565	4.03%	0.425%
24	11.757	1555	1559	1563	rBV2	59226	69565	1.97%	0.207%
25	11.798	1564	1566	1568	rVV	58004	41587	1.18%	0.124%
26	11.904	1580	1584	1587	rBV	481347	373284	10.56%	1.113%
27	12.039	1603	1607	1609	rBV2	268947	302080	8.55%	0.901%
28	12.145	1621	1625	1627	rBV2	121714	133009	3.76%	0.397%
29	12.210	1633	1636	1639	rBV2	71458	62987	1.78%	0.188%
30	12.327	1653	1656	1658	rVB	50999	45650	1.29%	0.136%
31	12.592	1697	1701	1703	rBV3	503553	509081	14.41%	1.518%
32	12.616	1703	1705	1712	rVV2	615862	620456	17.56%	1.850%
33	12.698	1716	1719	1724	rVV	195309	164065	4.64%	0.489%
34	12.751	1724	1728	1731	rVV	792434	733009	20.74%	2.185%
35	12.980	1760	1767	1773	rBV	809176	907781	25.69%	2.706%
36	13.027	1773	1775	1779	rVB2	47739	49054	1.39%	0.146%

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37	13.116	1786	1790	1793	rBV	3207393	2954489	83.61%	8.808%
38	13.198	1800	1804	1807	rBV3	46380	76240	2.16%	0.227%
39	13.286	1816	1819	1820	rBV3	38988	46785	1.32%	0.139%
40	13.310	1820	1823	1825	rVB	118385	112050	3.17%	0.334%
41	13.374	1832	1834	1836	rVB	118046	87501	2.48%	0.261%
42	13.410	1837	1840	1844	rBV2	66454	82739	2.34%	0.247%
43	13.539	1859	1862	1867	rBV	75767	89476	2.53%	0.267%
44	13.821	1907	1910	1915	rVB	42992	45613	1.29%	0.136%
45	13.933	1926	1929	1931	rBV	56693	48446	1.37%	0.144%
46	13.963	1931	1934	1936	rVV2	61681	58355	1.65%	0.174%
47	14.004	1936	1941	1953	rVB5	319825	506570	14.33%	1.510%
48	14.145	1962	1965	1967	rBV2	97011	102830	2.91%	0.307%
49	14.186	1967	1972	1974	rVV2	1183827	1451256	41.07%	4.327%
50	14.210	1974	1976	1983	rVB	426835	379365	10.74%	1.131%
51	14.292	1988	1990	1992	rBV	84688	63736	1.80%	0.190%
52	14.321	1993	1995	2000	rBV4	54454	68350	1.93%	0.204%
53	14.451	2014	2017	2019	rVB2	49925	42597	1.21%	0.127%
54	15.268	2152	2156	2159	rBV	303419	458678	12.98%	1.367%
55	15.598	2208	2212	2218	rVB	180491	251185	7.11%	0.749%
56	15.663	2219	2223	2228	rBV	268384	345321	9.77%	1.030%
57	15.733	2230	2235	2239	rBV	627142	886035	25.07%	2.642%
58	17.315	2500	2504	2510	rVB2	77281	134618	3.81%	0.401%

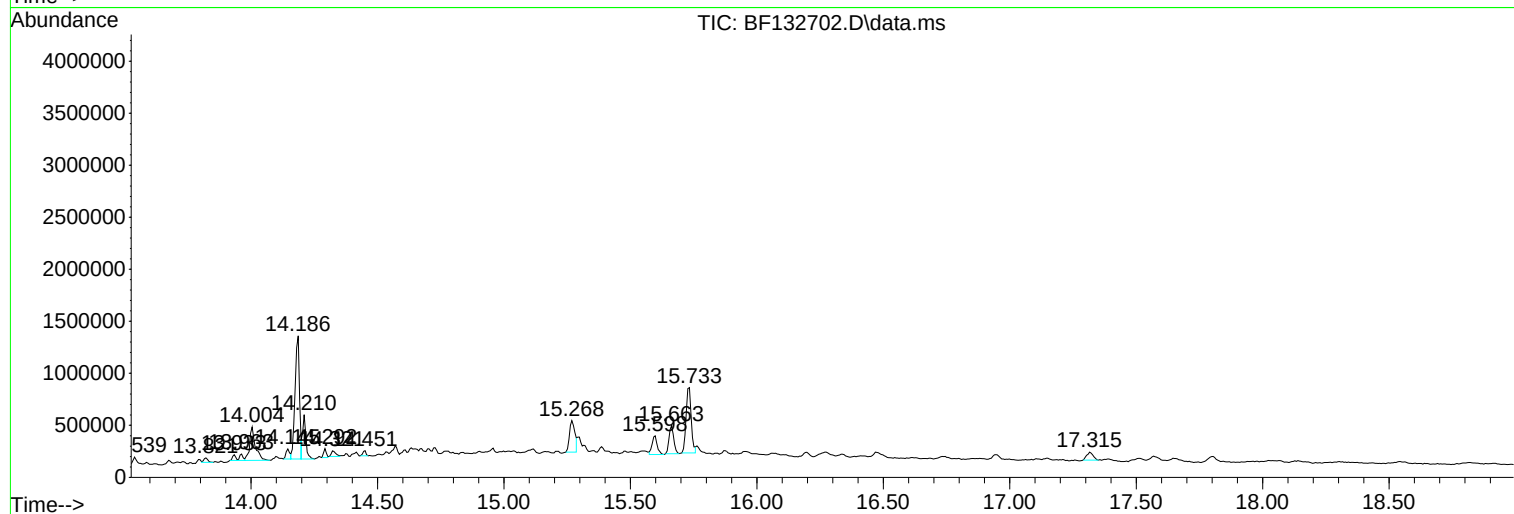
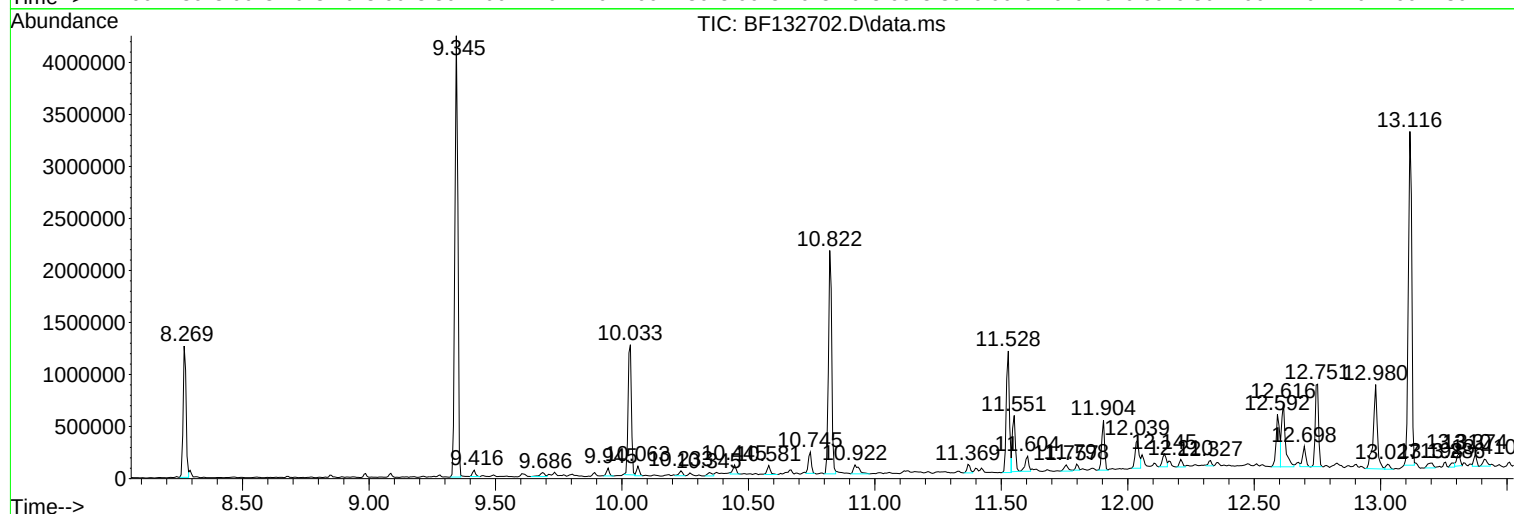
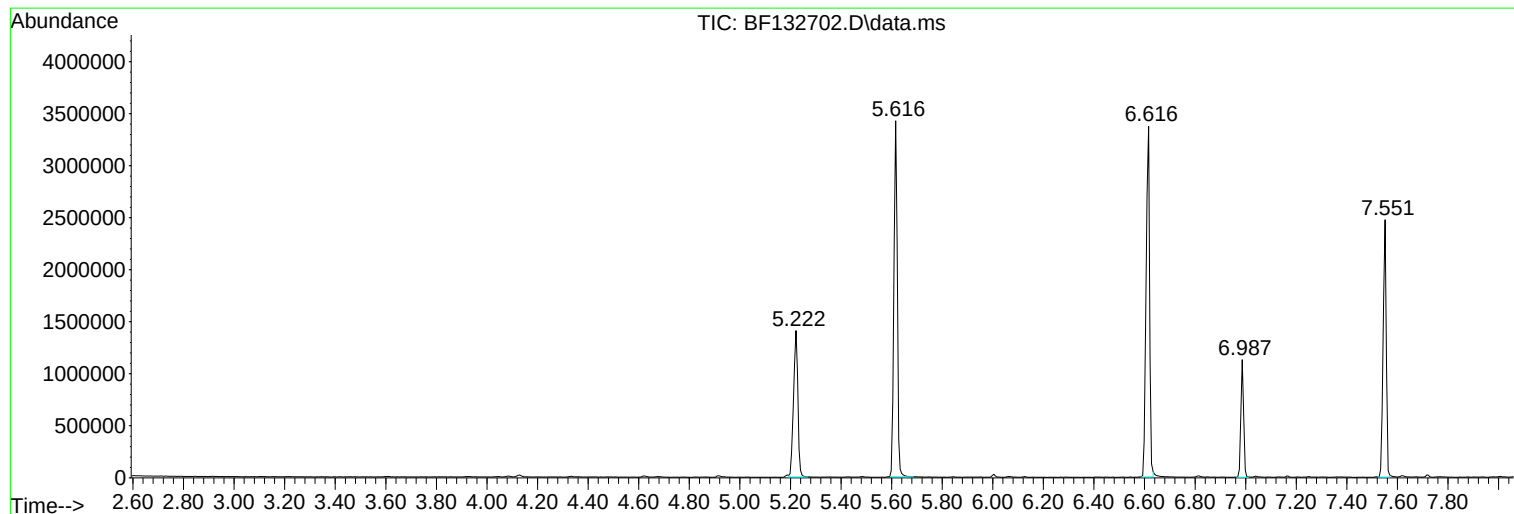
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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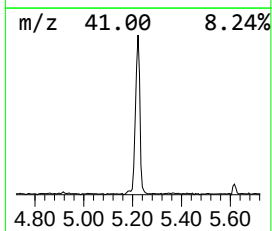
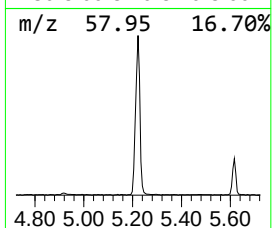
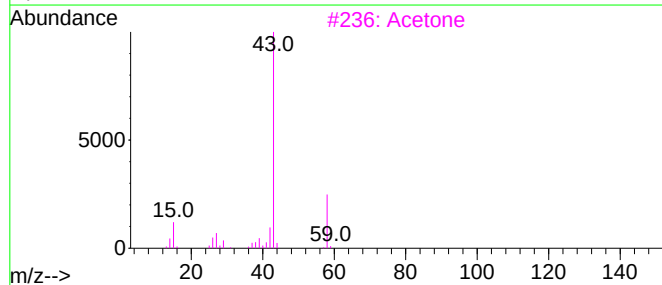
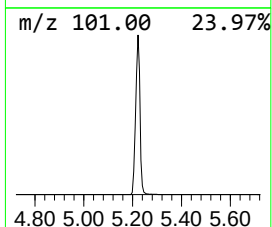
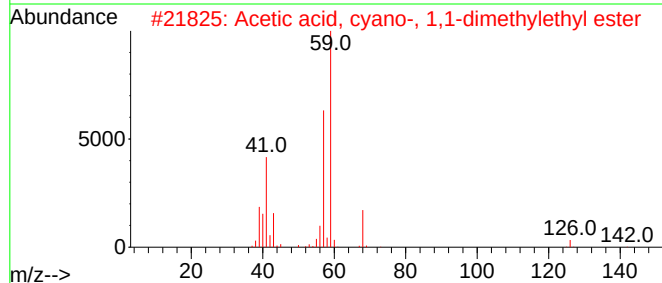
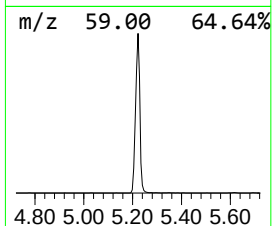
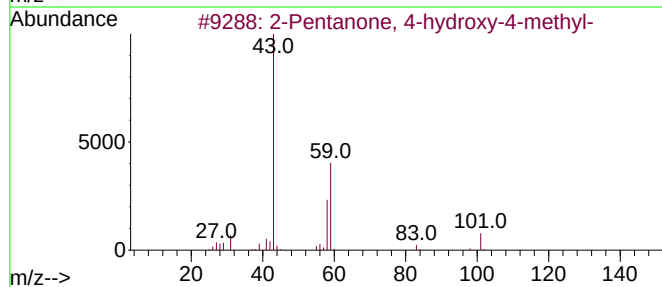
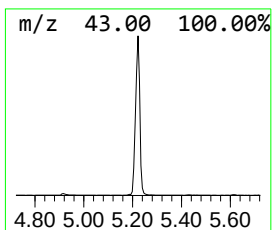
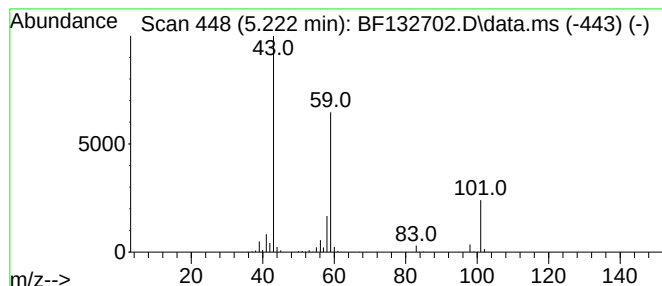
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.222	39.37 ng	1682580	1,4-Dichlorobenzene-d4	6.987

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
3	Acetone	58	C3H6O	000067-64-1	9		
4	Guanidine	59	CH5N3	000113-00-8	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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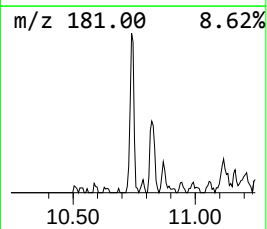
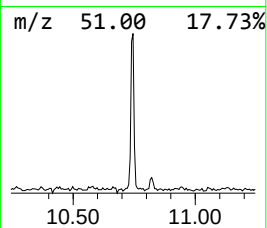
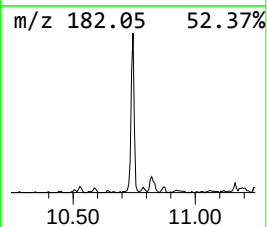
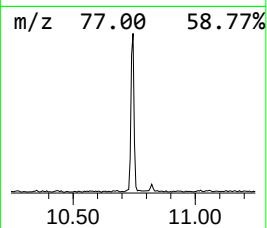
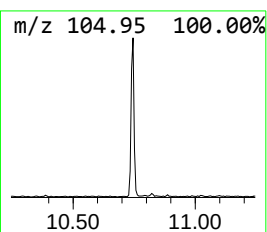
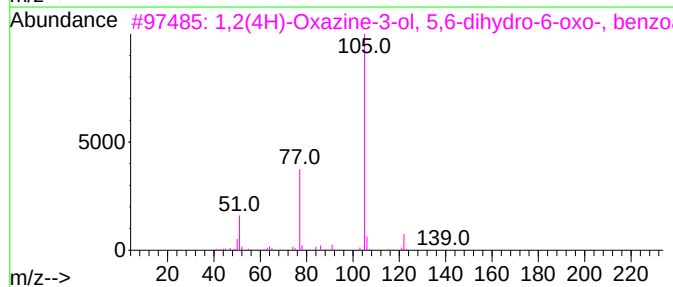
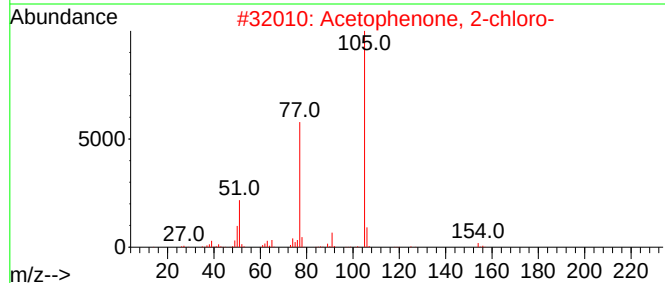
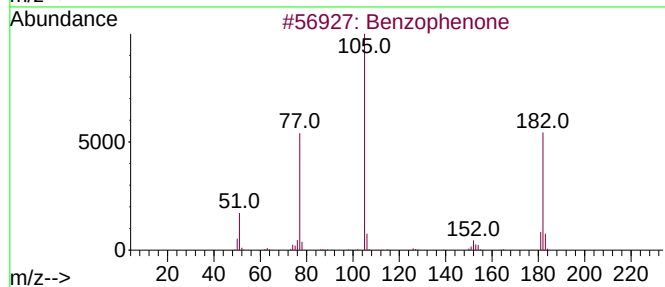
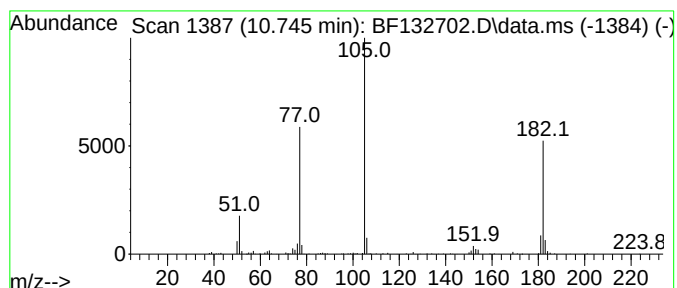
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	3.04 ng	168049	Acenaphthene-d10	10.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
3			1,2(4H)-Oxazine-3-ol, 5,6-dihydr...	219	C11H9N04	1000253-25-6	43
4			N-Methoxy-N-methylbenzamide	165	C9H11N02	006919-61-5	43
5			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43



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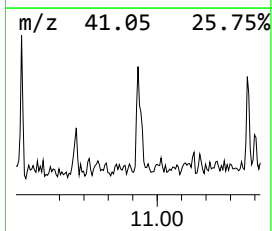
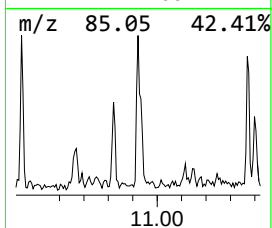
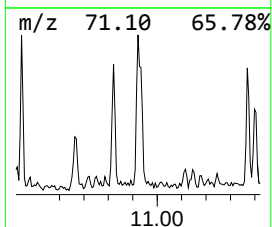
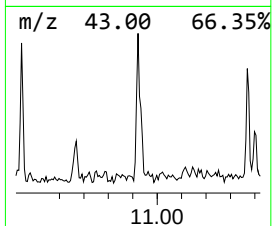
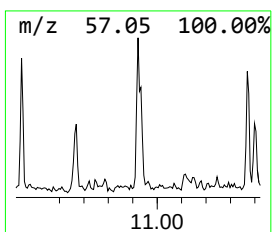
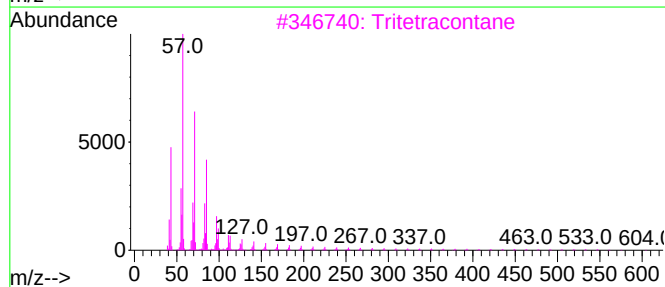
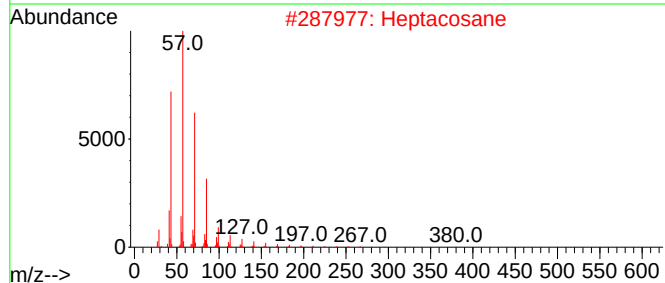
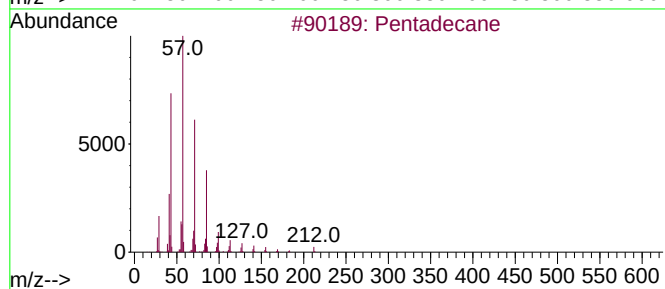
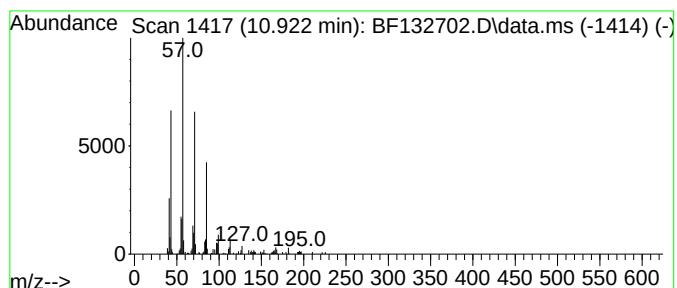
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	2.61 ng	132416	Phenanthrene-d10	11.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Tritetracontane	605	C43H88	007098-21-7	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tetradecane	198	C14H30	000629-59-4	86



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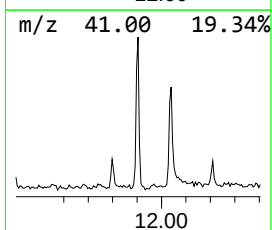
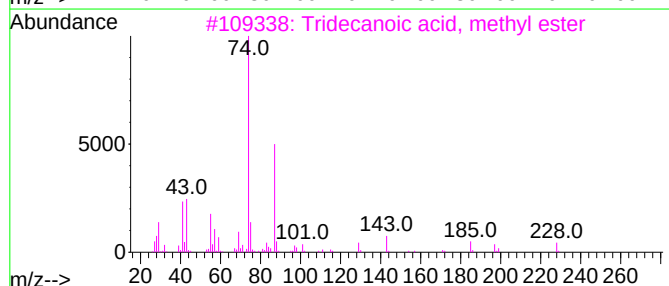
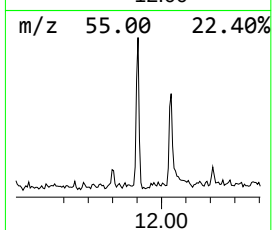
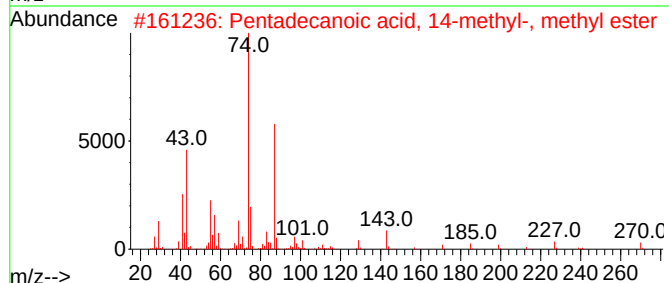
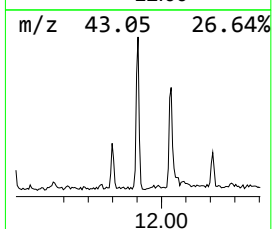
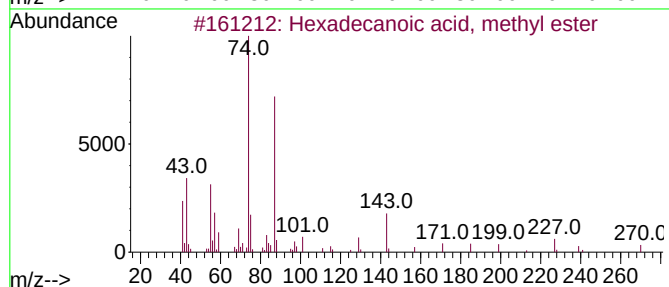
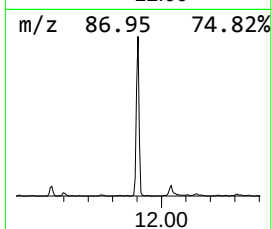
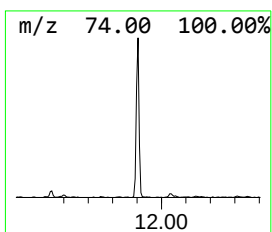
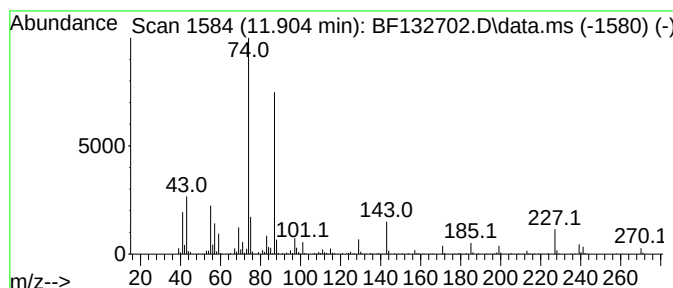
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	7.35 ng	373284	Phenanthrene-d10	11.528

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	96
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



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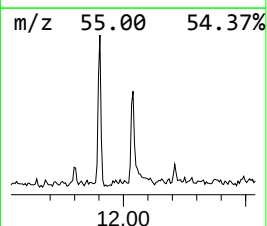
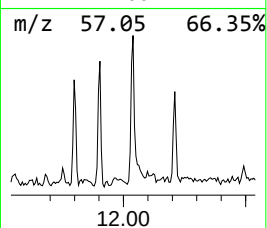
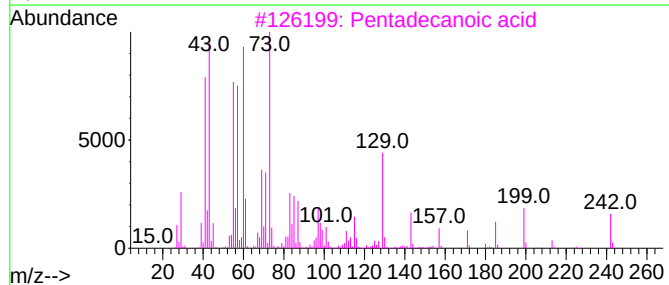
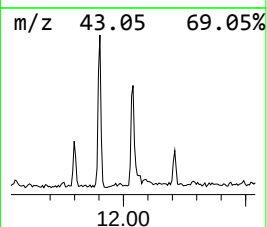
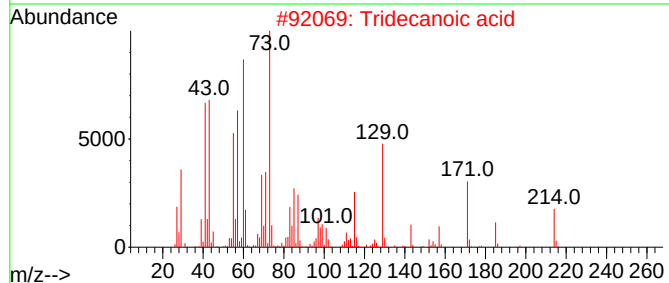
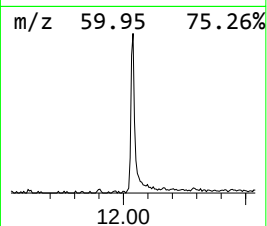
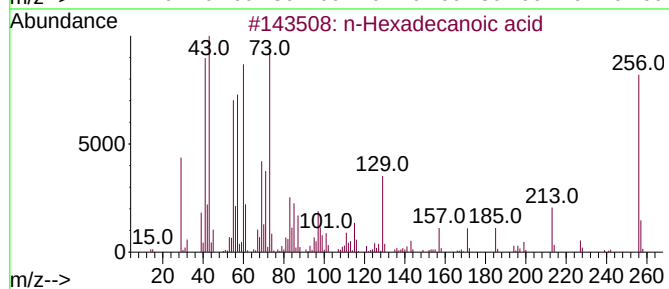
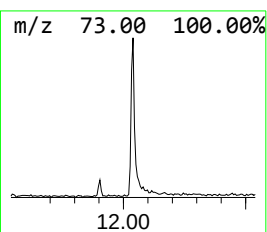
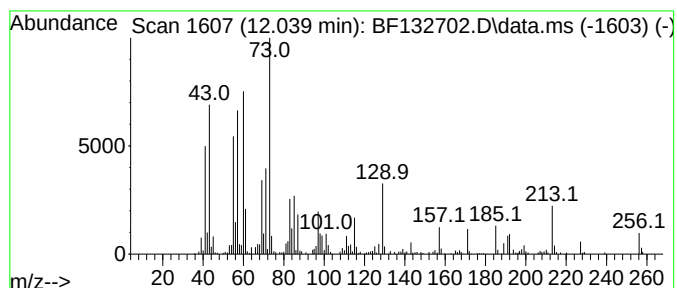
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	5.95 ng	302080	Phenanthrene-d10	11.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5			Tetradecane	198	C14H30	000629-59-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132702.D
Acq On : 08 Mar 2023 21:36
Operator : CG\JU
Sample : 01834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

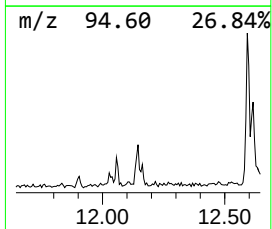
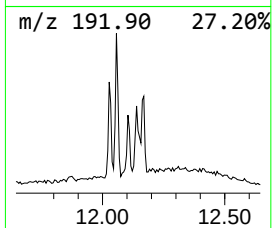
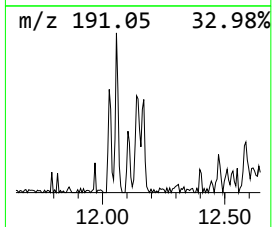
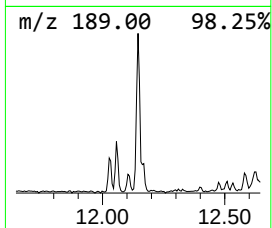
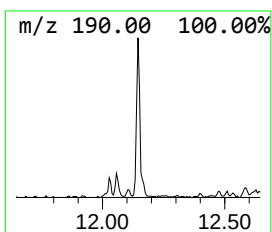
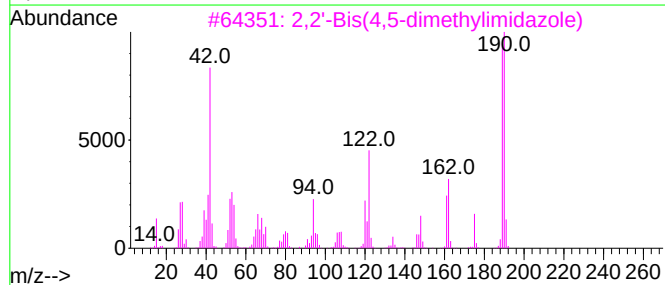
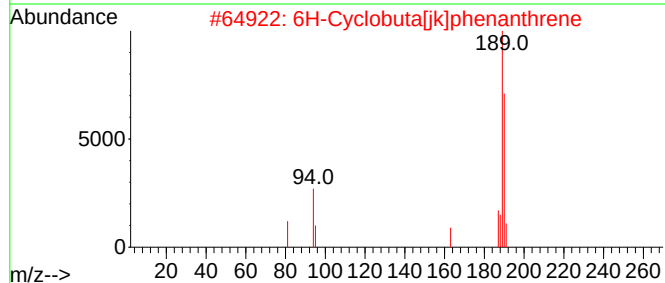
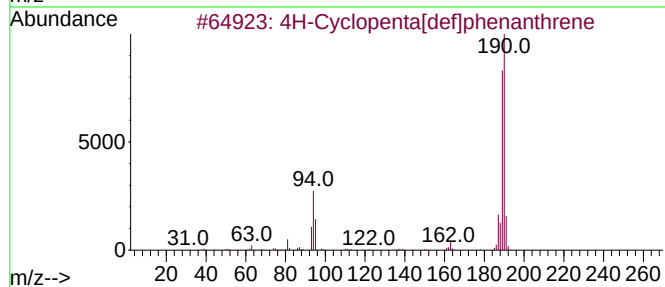
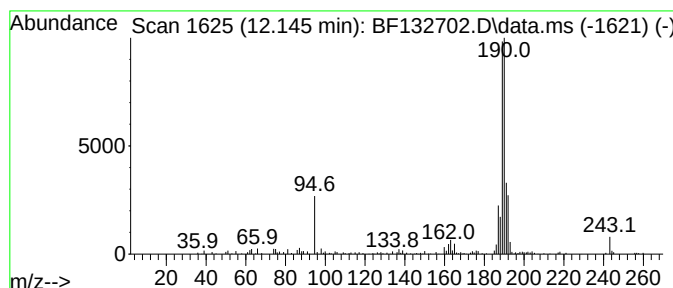
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.145	2.62 ng	133009	Phenanthrene-d10	11.528	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	27
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132702.D
Acq On : 08 Mar 2023 21:36
Operator : CG\JU
Sample : 01834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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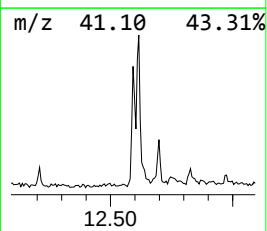
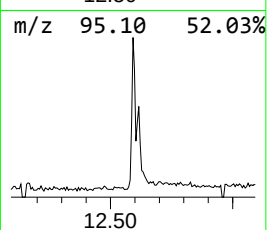
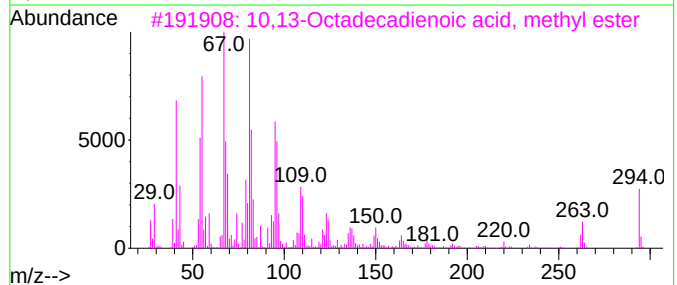
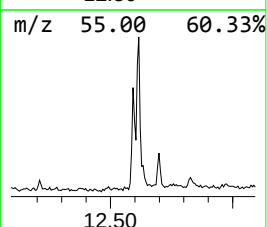
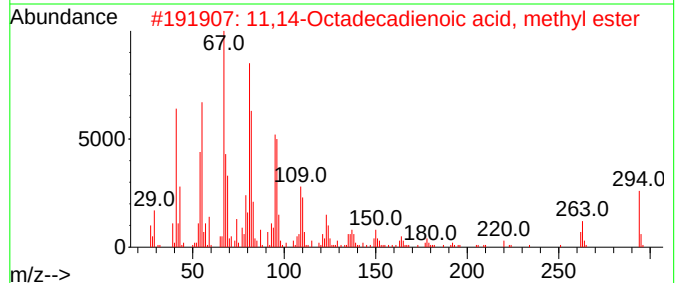
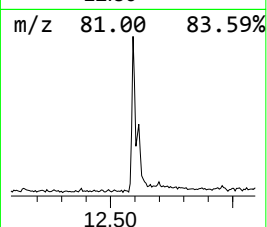
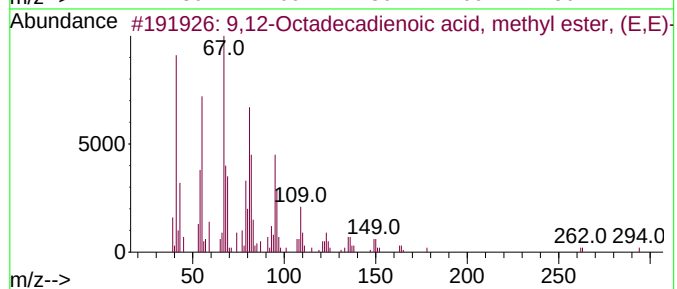
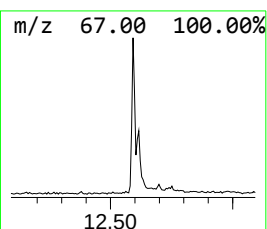
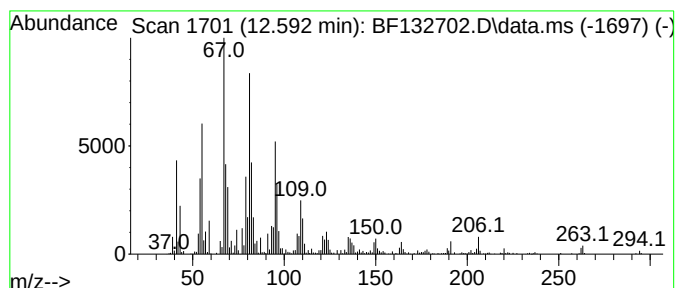
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	10.02 ng	509081	Phenanthrene-d10	11.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
3			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
4			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	97
5			Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132702.D
Acq On : 08 Mar 2023 21:36
Operator : CG\JU
Sample : 01834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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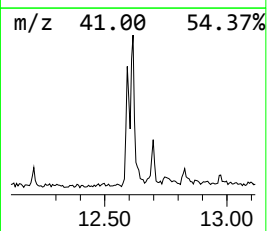
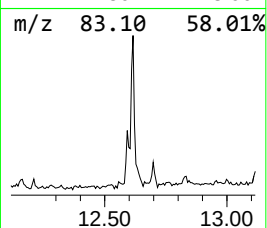
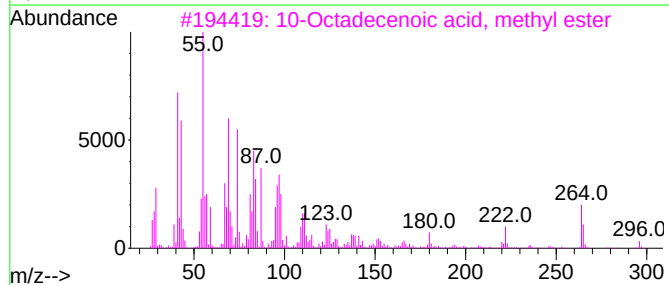
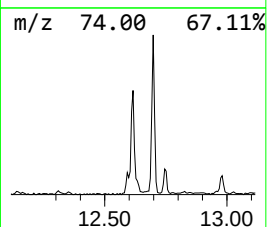
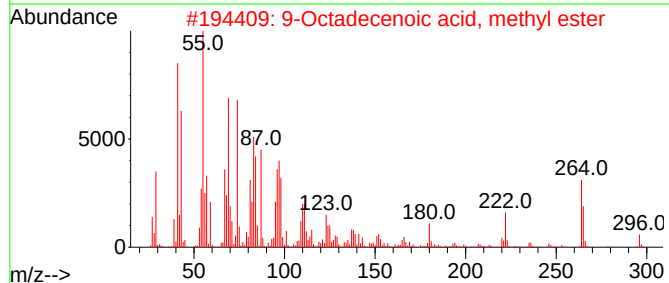
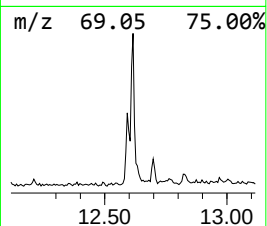
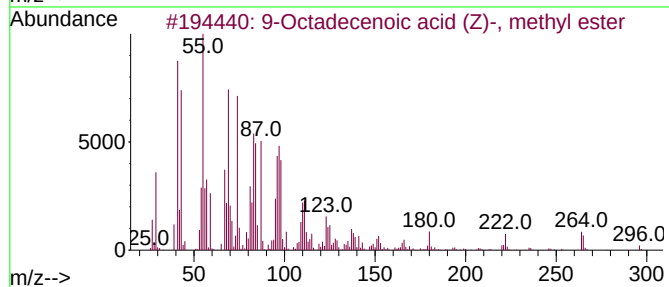
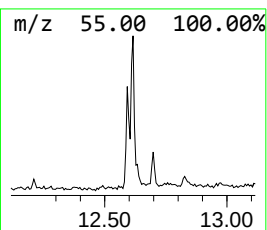
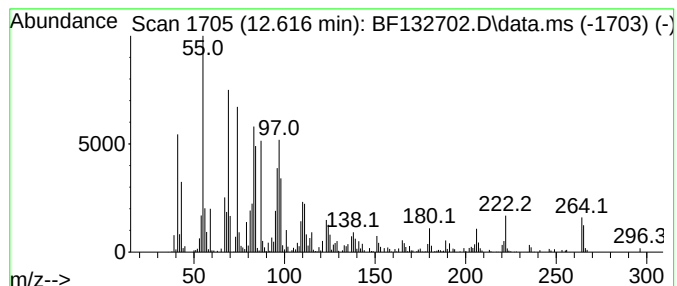
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	12.21 ng	620456	Phenanthrene-d10	11.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	97
3			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	97
4			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	96
5			9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
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Sample : 01834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

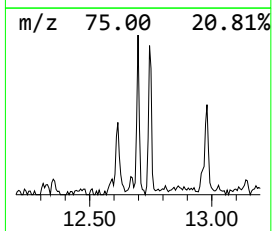
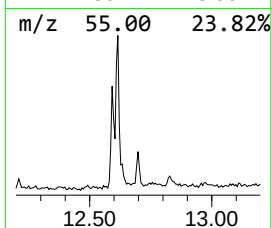
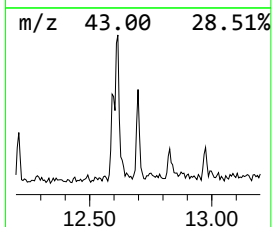
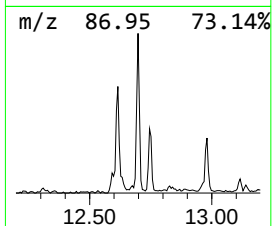
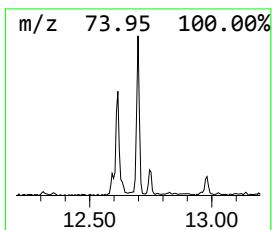
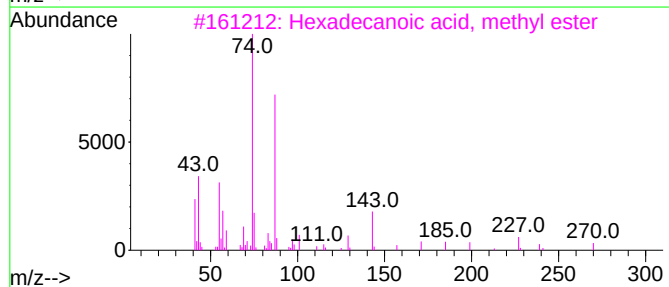
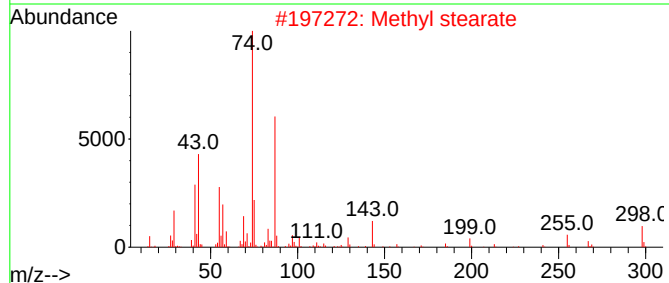
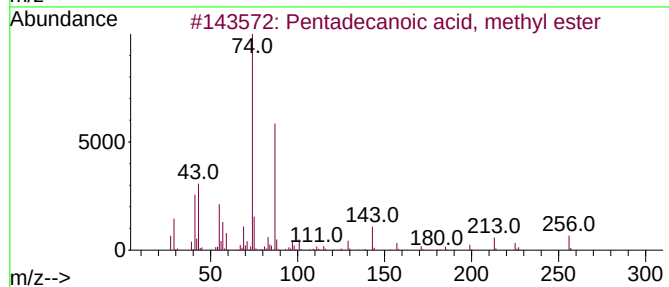
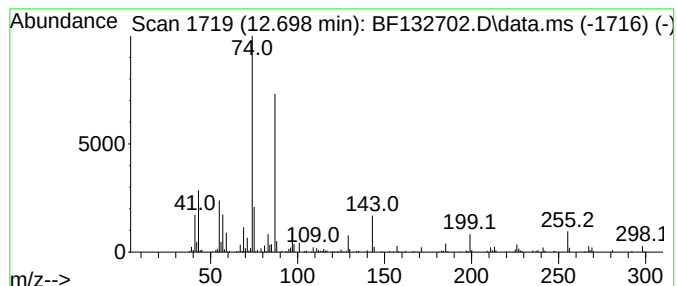
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecanoic acid, methyl ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.698	3.23 ng	164065	Phenanthrene-d10	11.528	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
2	Methyl stearate	298	C19H38O2	000112-61-8	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132702.D
Acq On : 08 Mar 2023 21:36
Operator : CG\JU
Sample : 01834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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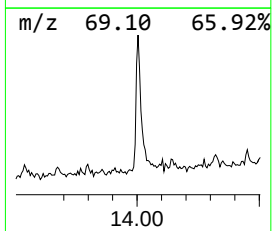
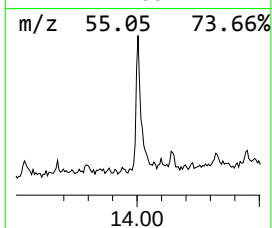
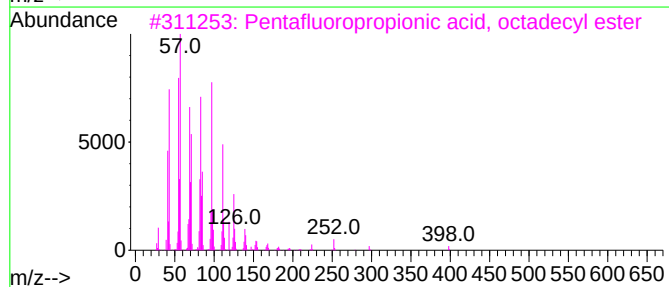
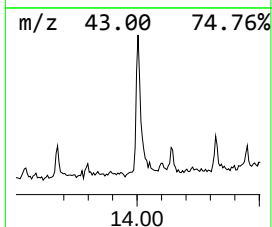
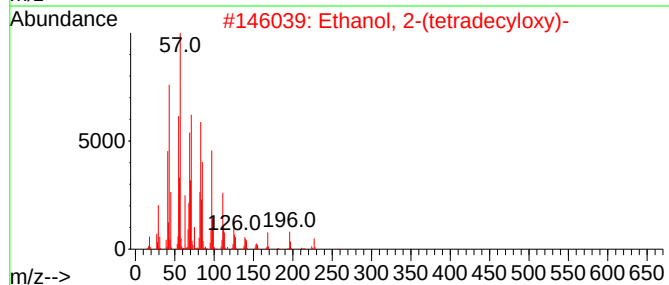
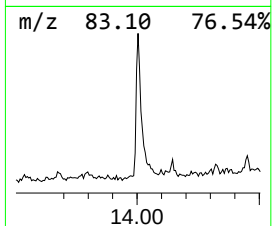
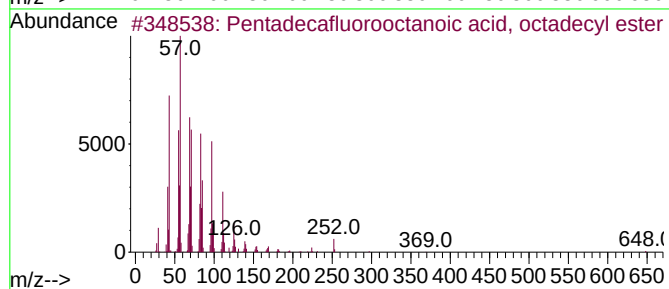
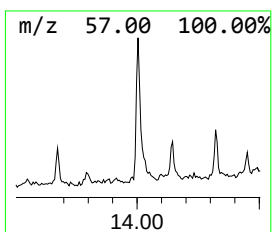
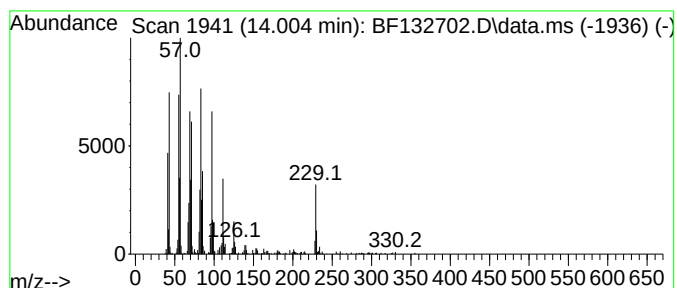
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	6.98 ng	506570	Chrysene-d12	14.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3			Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
4			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
5			Hexadecyl propyl ether	284	C19H40O	1000406-27-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132702.D
Acq On : 08 Mar 2023 21:36
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Sample : 01834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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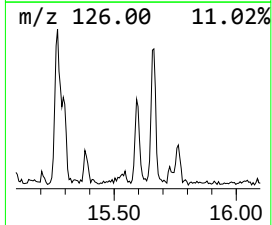
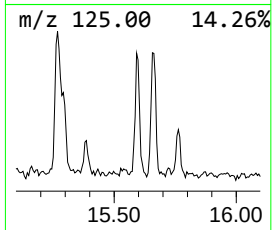
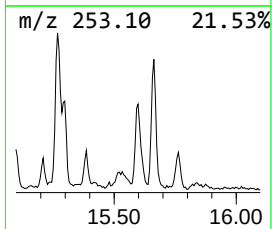
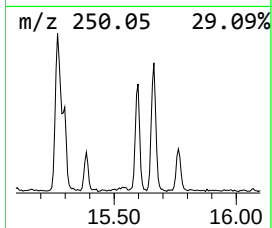
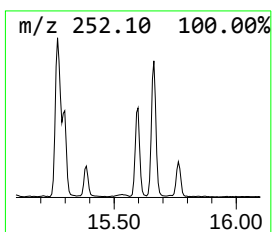
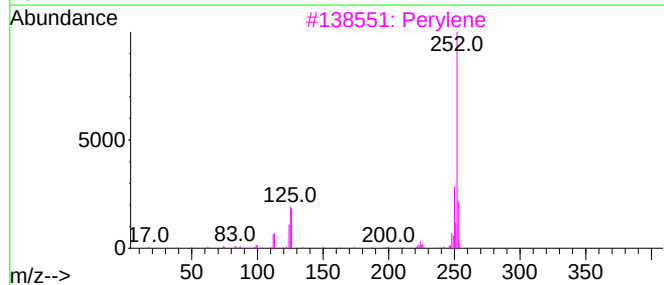
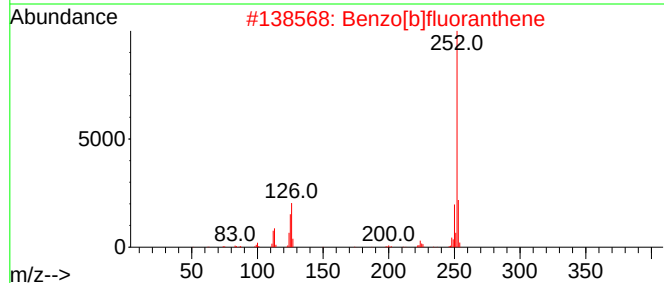
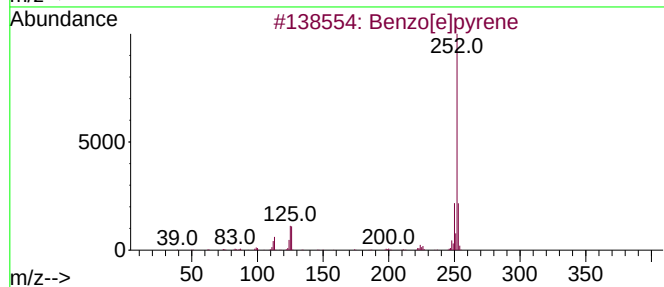
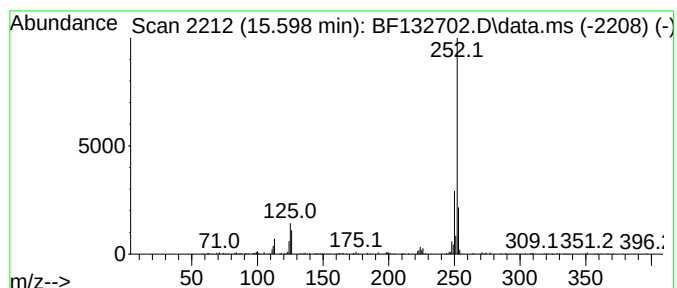
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.598	5.67 ng	251185	Perylene-d12	15.733

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132702.D
Acq On : 08 Mar 2023 21:36
Operator : CG\JU
Sample : 01834-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.222	39.4	ng	1682580	1	6.987	854722	20.0
Benzophenone	10.745	3.0	ng	168049	3	10.034	1105210	20.0
Pentadecane	10.922	2.6	ng	132416	4	11.528	1016240	20.0
Hexadecanoic ac...	11.904	7.3	ng	373284	4	11.528	1016240	20.0
n-Hexadecanoic ...	12.039	6.0	ng	302080	4	11.528	1016240	20.0
4H-Cyclopenta[d]...	12.145	2.6	ng	133009	4	11.528	1016240	20.0
9,12-Octadecadi...	12.592	10.0	ng	509081	4	11.528	1016240	20.0
9-Octadecenoic ...	12.616	12.2	ng	620456	4	11.528	1016240	20.0
Pentadecanoic a...	12.698	3.2	ng	164065	4	11.528	1016240	20.0
Pentadecafluoro...	14.004	7.0	ng	506570	5	14.186	1451260	20.0
Benzo[e]pyrene	15.598	5.7	ng	251185	6	15.733	886035	20.0