

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133328.D
 Acq On : 10 May 2023 13:52
 Operator : CG\JU
 Sample : 02666-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-050823

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: BF133328.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.899	473	478	487	rBV	1230312	1445687	5.23%	1.009%
2	5.334	548	552	564	rBV	3359972	3155755	11.42%	2.204%
3	6.369	723	728	740	rVB	2956303	3025723	10.95%	2.113%
4	6.722	784	788	790	rBV	1250065	996627	3.61%	0.696%
5	7.287	881	884	887	rVV	2240704	1962956	7.11%	1.371%
6	7.328	888	891	894	rVV	768375	546439	1.98%	0.382%
7	7.528	921	925	929	rVB3	373030	431160	1.56%	0.301%
8	7.645	941	945	946	rVV3	212033	306419	1.11%	0.214%
9	7.692	950	953	956	rVV3	251436	284318	1.03%	0.199%
10	7.728	956	959	961	rVV	321394	320350	1.16%	0.224%
11	7.763	964	965	969	rVV3	348557	353548	1.28%	0.247%
12	7.998	1001	1005	1009	rVV2	2302898	2743982	9.93%	1.916%
13	8.075	1016	1018	1020	rVB	650686	434115	1.57%	0.303%
14	8.204	1038	1040	1044	rVB2	341598	351318	1.27%	0.245%
15	8.304	1052	1057	1060	rBV4	504092	833425	3.02%	0.582%
16	8.357	1064	1066	1069	rBV3	527192	444602	1.61%	0.310%
17	8.392	1069	1072	1075	rBV2	674449	603455	2.18%	0.421%
18	8.434	1075	1079	1081	rBV	812049	720759	2.61%	0.503%
19	8.510	1088	1092	1095	rBV2	776831	701637	2.54%	0.490%
20	8.604	1104	1108	1111	rBV	2628698	2136770	7.74%	1.492%
21	8.669	1116	1119	1121	rVV	467896	495559	1.79%	0.346%
22	8.698	1122	1124	1127	rVB3	383158	381729	1.38%	0.267%
23	8.828	1144	1146	1149	rBV	601685	479115	1.73%	0.335%
24	8.886	1154	1156	1158	rBV	450754	361884	1.31%	0.253%
25	8.969	1168	1170	1173	rVB	660384	473705	1.71%	0.331%
26	9.010	1174	1177	1178	rBV	381761	297374	1.08%	0.208%
27	9.034	1178	1181	1185	rVB3	890591	869662	3.15%	0.607%
28	9.081	1186	1189	1192	rVB	3669323	2953517	10.69%	2.062%
29	9.169	1200	1204	1208	rBV	3037956	2748148	9.95%	1.919%
30	9.234	1213	1215	1217	rVB	510529	347127	1.26%	0.242%
31	9.339	1228	1233	1234	rBV4	275960	388657	1.41%	0.271%
32	9.398	1240	1243	1245	rBV3	309290	371272	1.34%	0.259%
33	9.422	1245	1247	1249	rVV2	518830	555773	2.01%	0.388%
34	9.445	1249	1251	1253	rVV2	585715	446956	1.62%	0.312%
35	9.486	1253	1258	1260	rVV4	1147942	1558468	5.64%	1.088%
36	9.510	1260	1262	1265	rVV	858808	744155	2.69%	0.520%

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Integrator: RTE

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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 >

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

37	9.545	1265	1268	1271	rVB2	663990	617096	2.23%	0.431%
38	9.633	1279	1283	1286	rBV5	219938	394407	1.43%	0.275%
39	9.669	1286	1289	1291	rBV3	355440	356327	1.29%	0.249%
40	9.698	1291	1294	1298	rVB	3171399	2567651	9.29%	1.793%
41	9.739	1298	1301	1302	rBV3	535446	506159	1.83%	0.353%
42	9.757	1302	1304	1307	rVB	1562070	1225648	4.44%	0.856%
43	9.869	1320	1323	1326	rVB3	266922	305787	1.11%	0.214%
44	9.928	1330	1333	1336	rVV3	441495	647581	2.34%	0.452%
45	9.957	1336	1338	1342	rVV3	473921	600793	2.17%	0.420%
46	10.022	1346	1349	1353	rVV4	774942	769631	2.79%	0.537%
47	10.198	1376	1379	1382	rVV	3226252	2535859	9.18%	1.771%
48	10.251	1386	1388	1394	rVB4	306952	395146	1.43%	0.276%
49	10.416	1410	1416	1422	rBV	1128450	1729242	6.26%	1.207%
50	10.469	1422	1425	1428	rVB	1071290	943803	3.42%	0.659%
51	10.498	1428	1430	1433	rBV2	409654	417174	1.51%	0.291%
52	10.545	1433	1438	1441	rVB2	1827136	1856492	6.72%	1.296%
53	10.669	1456	1459	1467	rBV	2827289	3398736	12.30%	2.373%
54	10.992	1512	1514	1518	rVV2	272680	354327	1.28%	0.247%
55	11.116	1532	1535	1538	rVV	2394883	2120635	7.68%	1.481%
56	11.145	1538	1540	1546	rVB	977658	1041121	3.77%	0.727%
57	11.239	1553	1556	1558	rBV	1305964	1077113	3.90%	0.752%
58	11.263	1558	1560	1563	rVV	509756	390723	1.41%	0.273%
59	11.298	1563	1566	1570	rVB2	173055	284729	1.03%	0.199%
60	11.545	1605	1608	1610	rBV	2168542	1726460	6.25%	1.206%
61	11.657	1621	1627	1630	rVB	8603118	10712806	38.78%	7.480%
62	11.710	1630	1636	1638	rBV2	247908	306084	1.11%	0.214%
63	11.810	1644	1653	1656	rBV	3756115	5827884	21.10%	4.069%
64	11.951	1674	1677	1682	rVB	1918320	1693899	6.13%	1.183%
65	12.104	1701	1703	1709	rBV5	172070	283670	1.03%	0.198%
66	12.369	1738	1748	1749	rBV3	9174207	27624479	100.00%	19.289%
67	12.416	1755	1756	1758	rVB	680294	369796	1.34%	0.258%
68	12.451	1758	1762	1765	rBV2	6764098	7224450	26.15%	5.045%
69	12.504	1765	1771	1773	rBV	5487950	10963938	39.69%	7.656%
70	12.586	1782	1785	1789	rVB	1621427	1507871	5.46%	1.053%
71	12.686	1798	1802	1804	rBV	712196	718069	2.60%	0.501%
72	12.716	1804	1807	1812	rVB	1317119	1125734	4.08%	0.786%
73	12.839	1822	1828	1831	rBV	3361083	3410837	12.35%	2.382%
74	13.069	1864	1867	1869	rBV	1151592	1165913	4.22%	0.814%
75	13.163	1880	1883	1886	rBV	1204156	1001361	3.62%	0.699%
76	13.269	1898	1901	1905	rBV3	459176	512546	1.86%	0.358%

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Integrator: RTE
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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 >
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77	13.316	1907	1909	1913	rVB2	464826	474926	1.72%	0.332%
78	13.410	1922	1925	1928	rVB	723321	587035	2.13%	0.410%
79	13.586	1952	1955	1958	rVB3	249831	285421	1.03%	0.199%
80	13.739	1978	1981	1990	rVB2	814086	1191668	4.31%	0.832%
81	13.827	1993	1996	1999	rBV	1030992	876480	3.17%	0.612%
82	13.880	2001	2005	2007	rBV2	1050116	1074697	3.89%	0.750%
83	14.057	2032	2035	2038	rVB	451712	410542	1.49%	0.287%
84	14.357	2084	2086	2089	rVB	383465	350156	1.27%	0.245%
85	14.451	2099	2102	2106	rBV2	435582	491138	1.78%	0.343%
86	14.657	2134	2137	2140	rBV	360207	374073	1.35%	0.261%
87	14.980	2190	2192	2196	rVB	430201	406805	1.47%	0.284%
88	15.304	2243	2247	2250	rBV	527624	705810	2.56%	0.493%

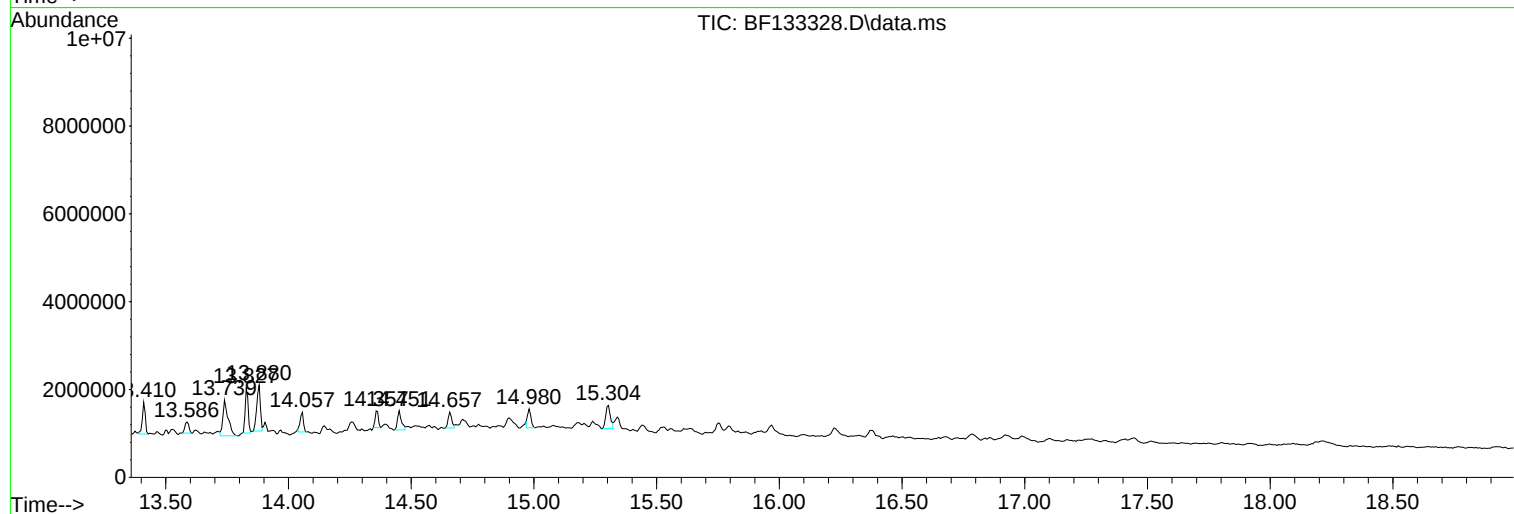
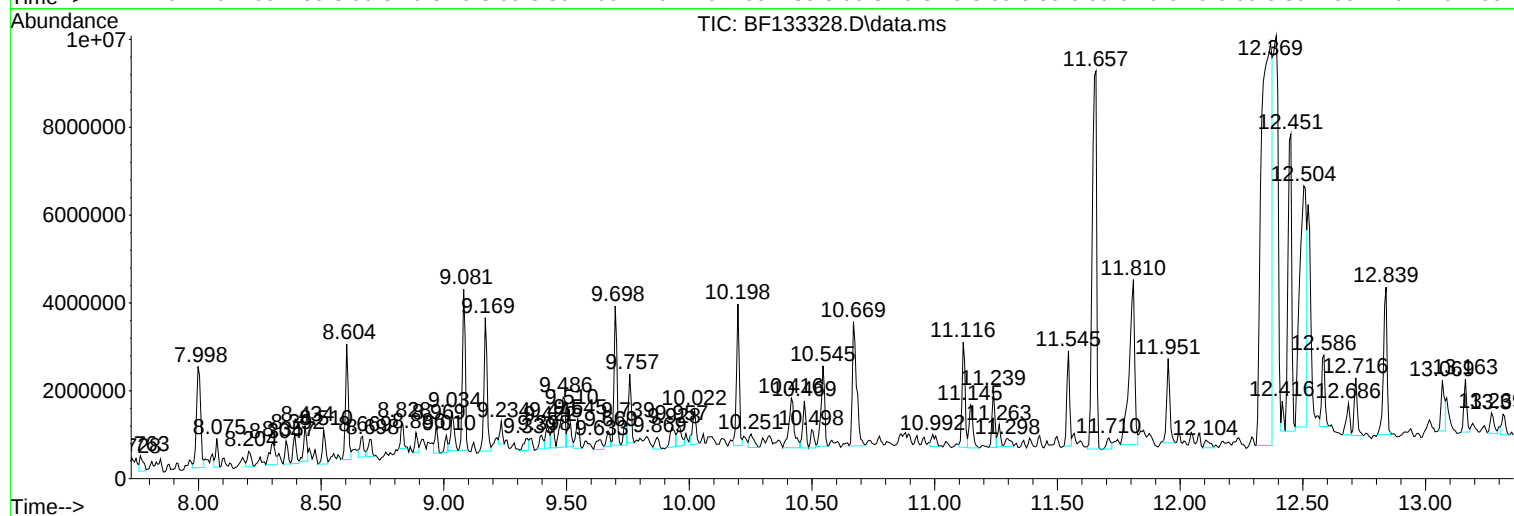
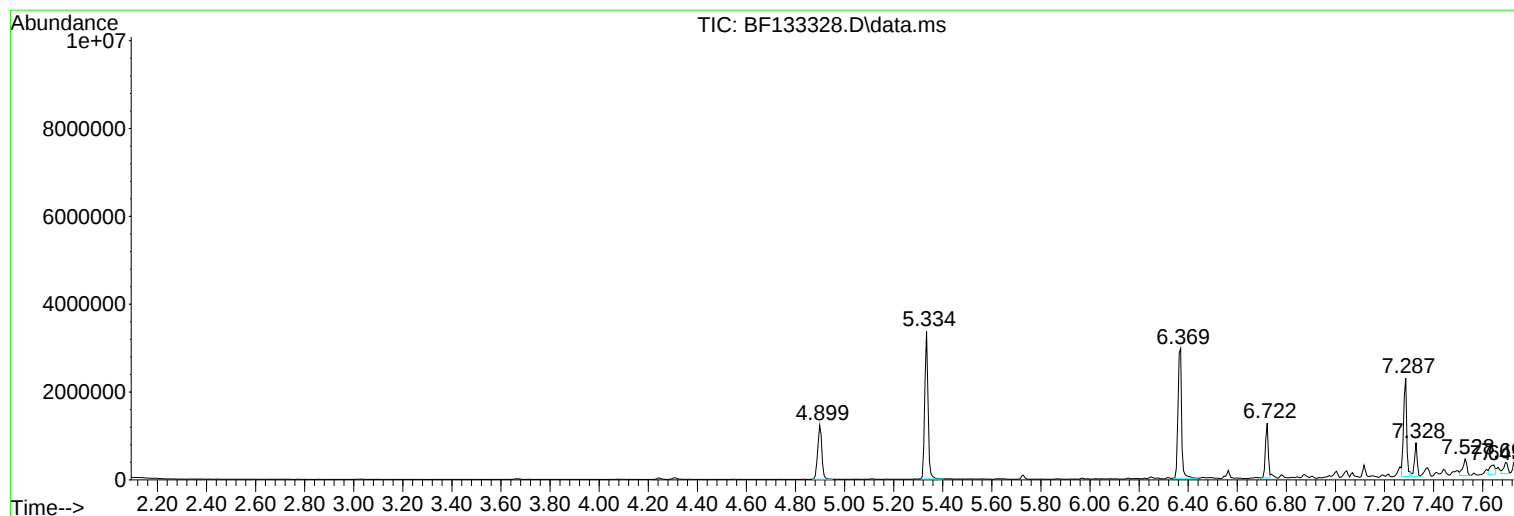
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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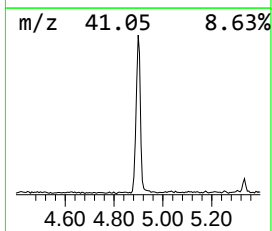
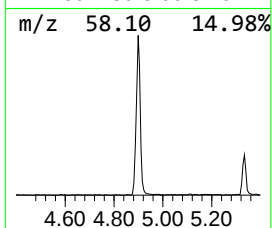
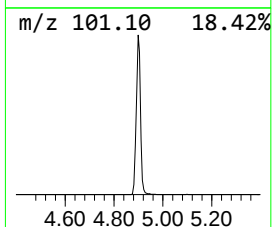
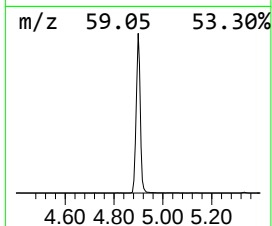
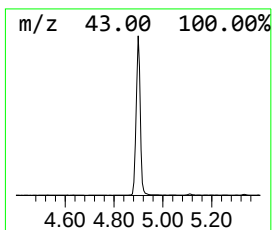
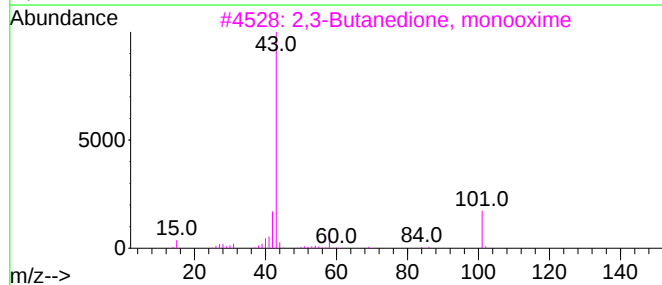
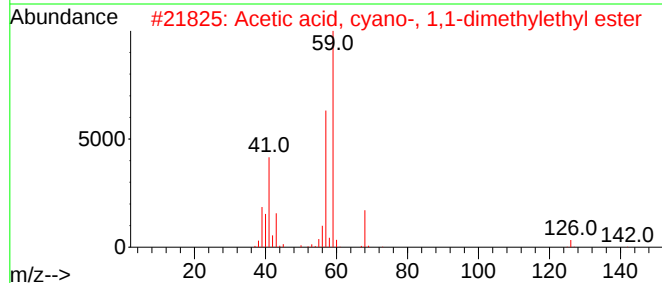
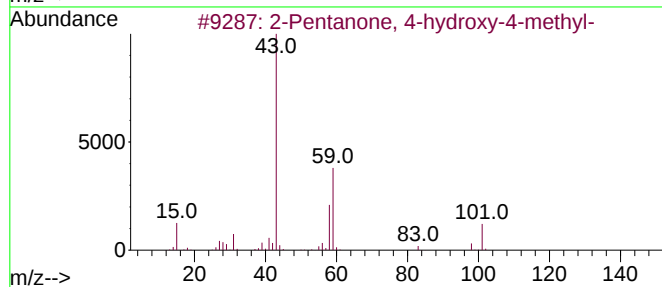
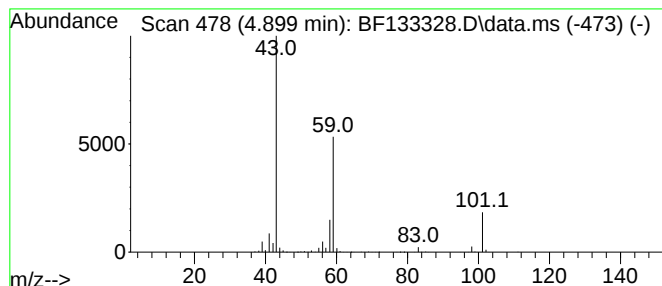
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.899	29.01 ng	1445690	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	32		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9		



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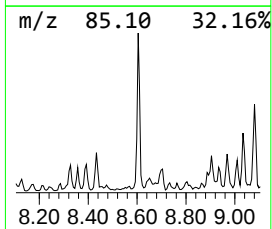
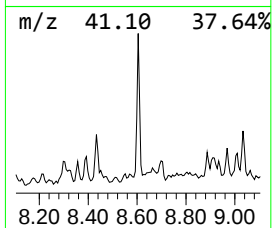
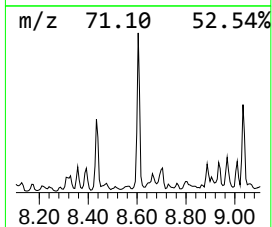
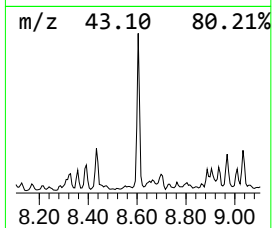
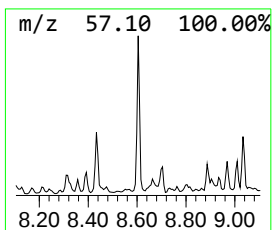
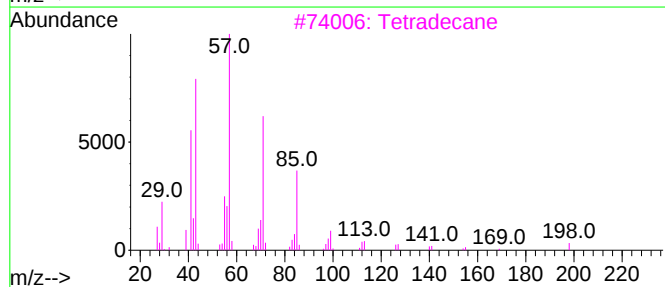
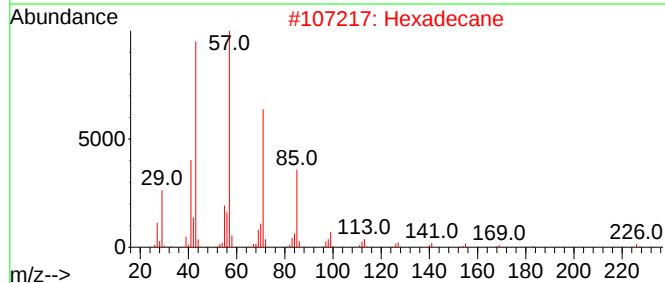
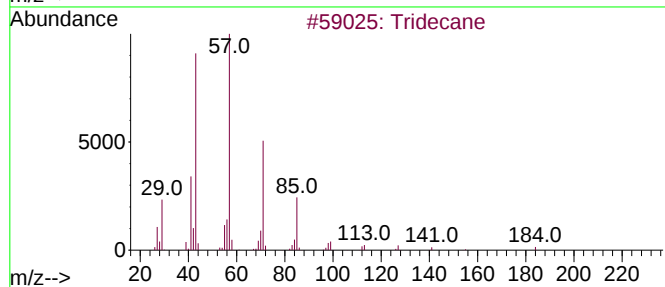
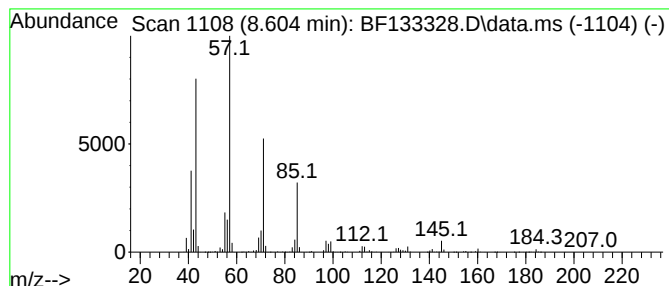
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	15.57 ng	2136770	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



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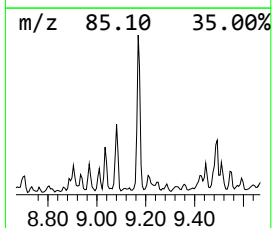
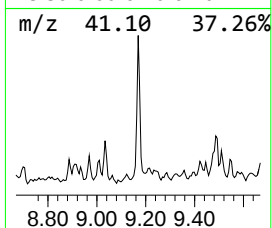
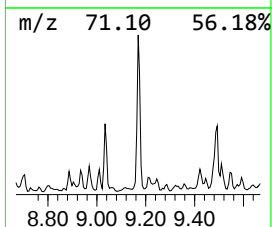
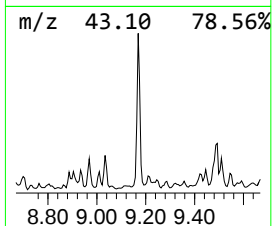
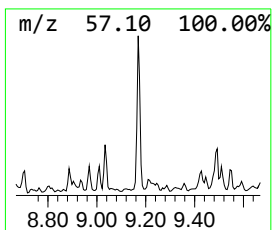
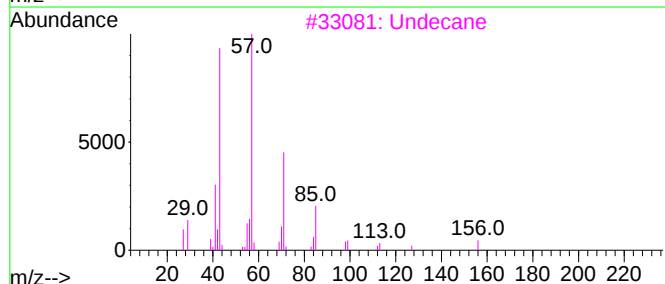
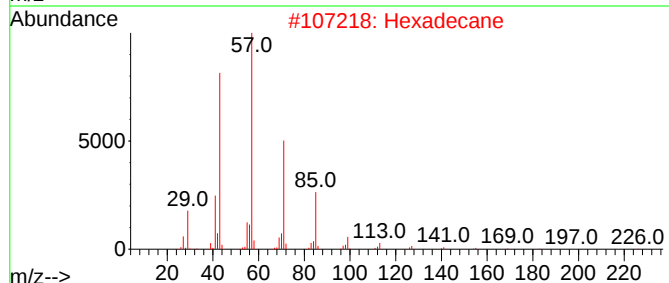
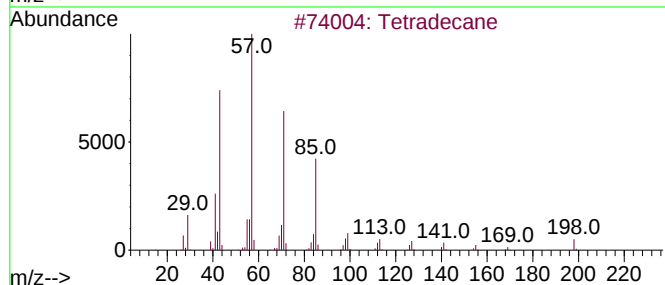
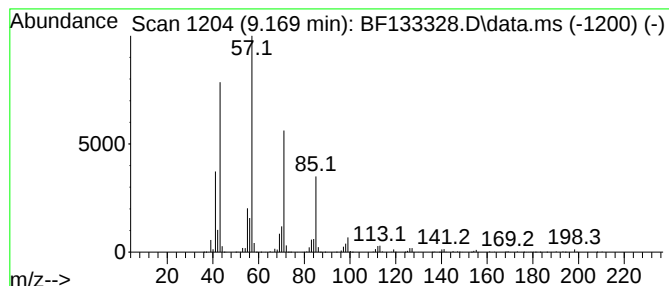
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	44.84 ng	2748150	Acenaphthene-d10	9.757

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	86
4			Pentadecane	212	C15H32	000629-62-9	83
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80



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Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-050823

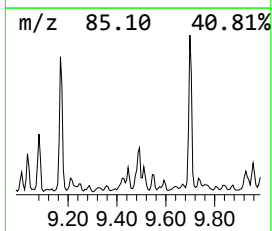
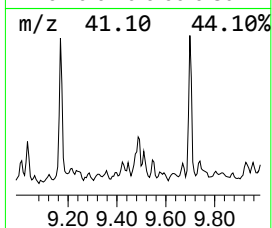
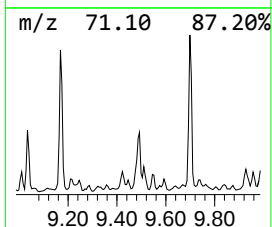
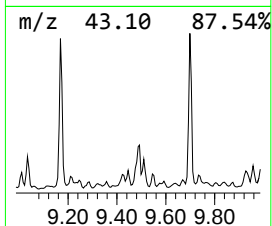
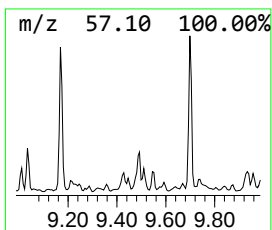
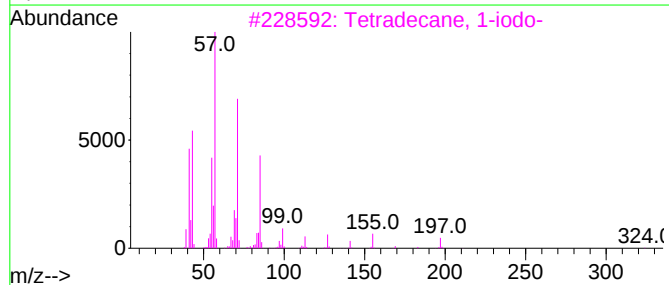
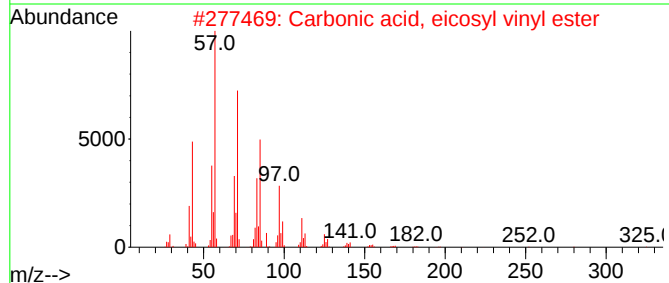
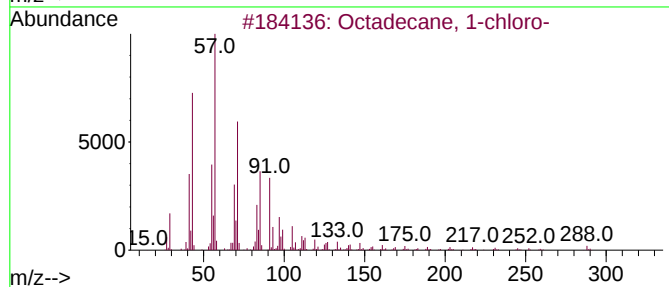
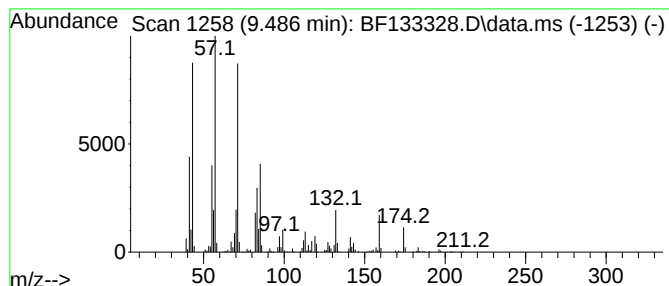
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecane, 1-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	25.43 ng	1558470	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4			Decane, 5-propyl-	184	C13H28	017312-62-8	60
5			Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BU-02-050823

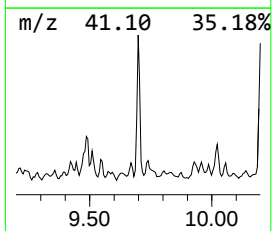
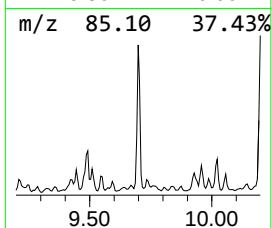
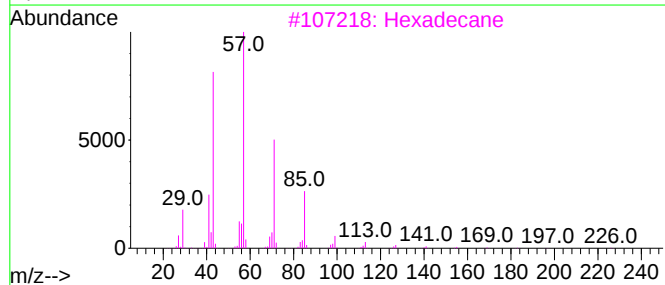
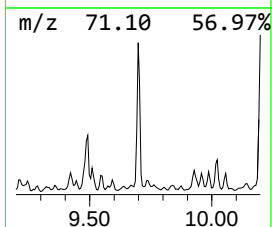
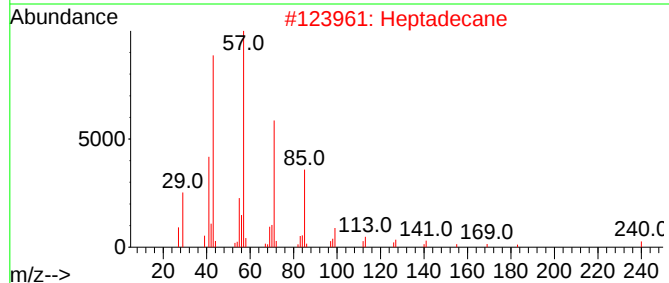
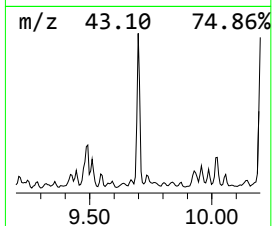
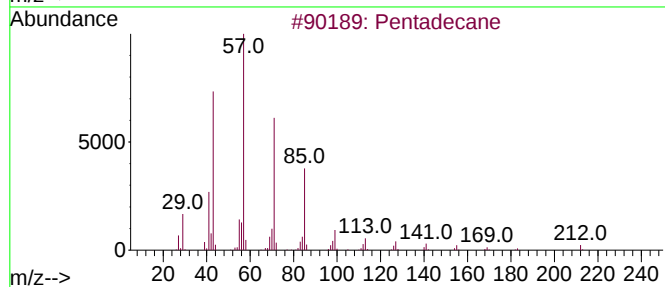
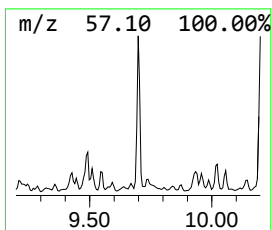
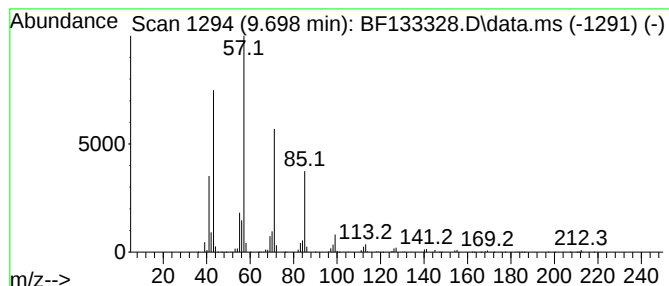
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	41.90 ng	2567650	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Heptadecane	240	C17H36	000629-78-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Dodecane	170	C12H26	000112-40-3	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-050823

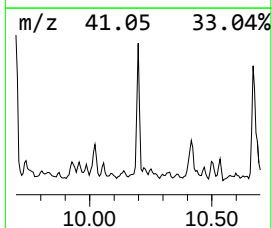
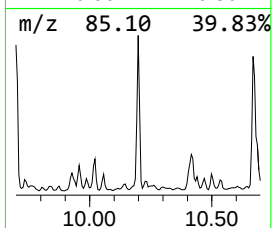
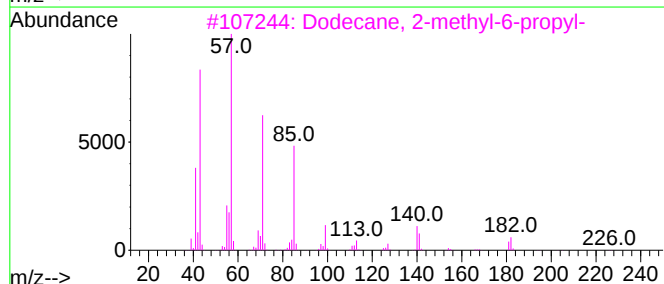
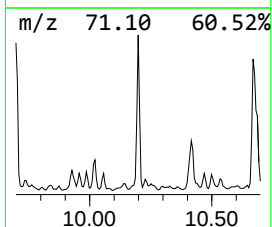
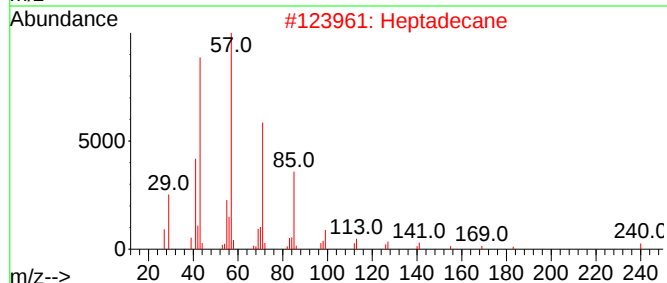
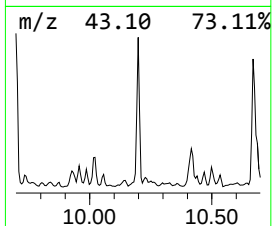
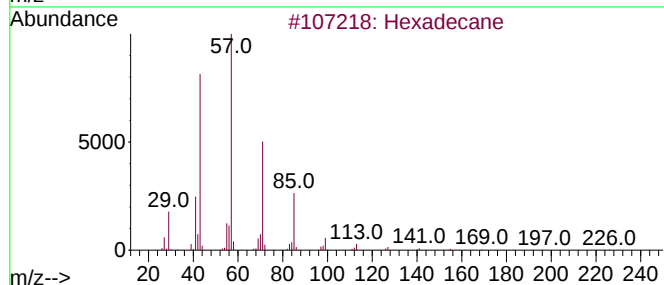
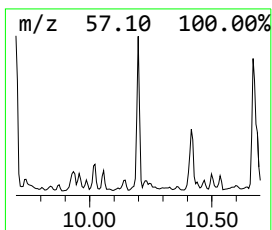
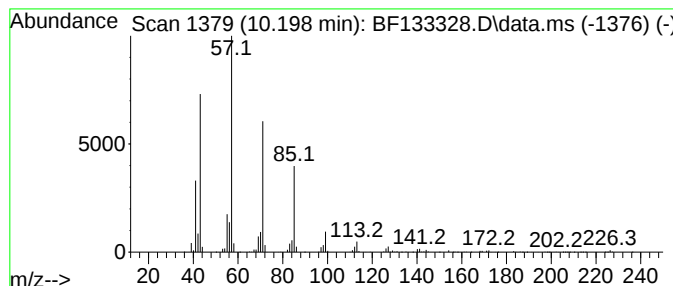
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	41.38 ng	2535860	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Heptadecane	240	C17H36	000629-78-7	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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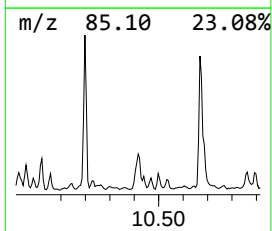
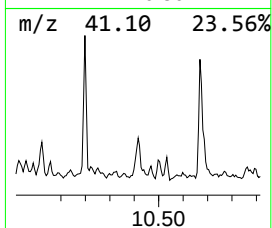
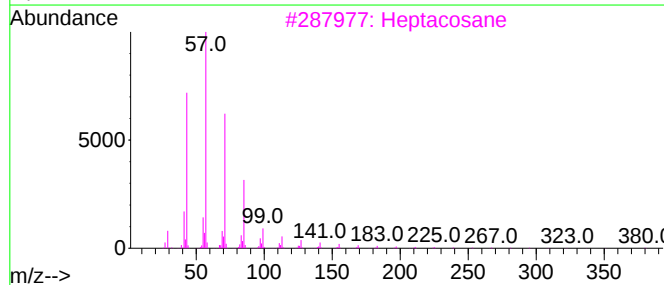
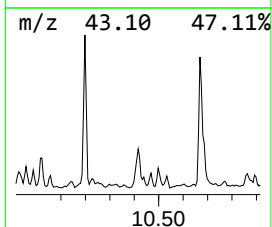
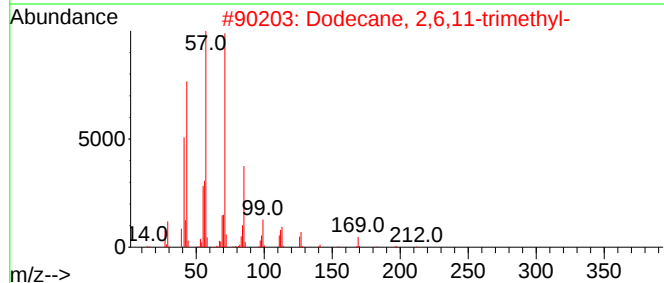
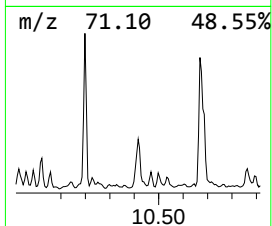
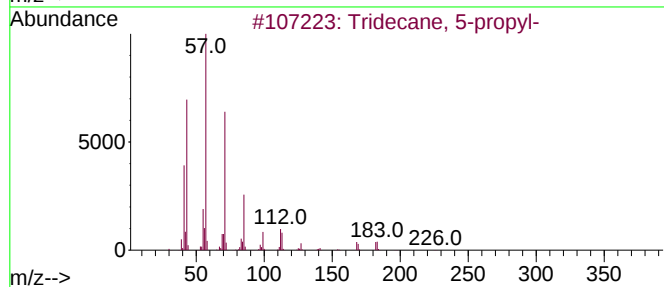
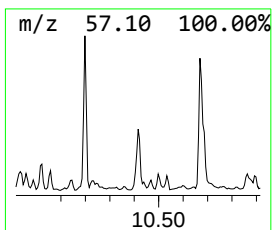
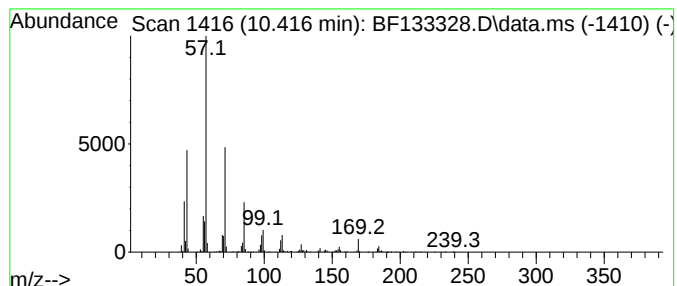
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	28.22 ng	1729240	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
3			Heptacosane	380	C27H56	000593-49-7	86
4			Tridecane	184	C13H28	000629-50-5	80
5			Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
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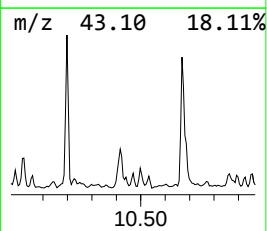
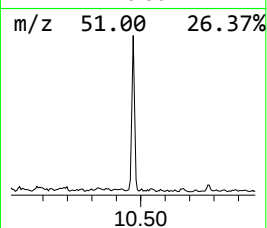
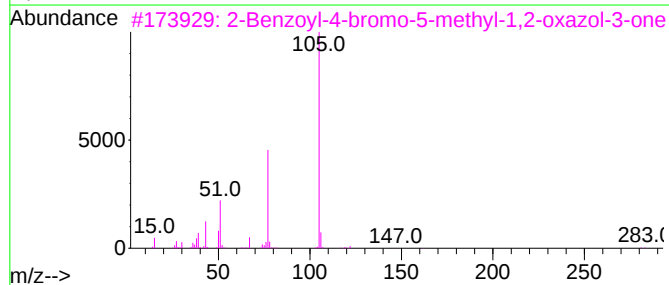
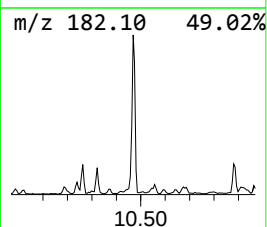
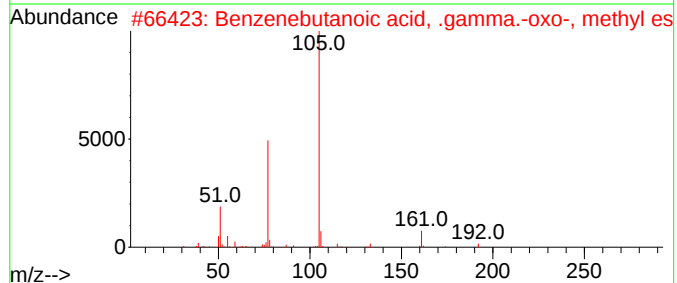
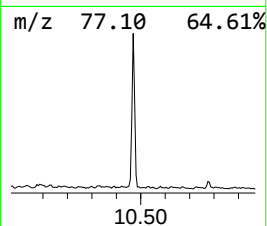
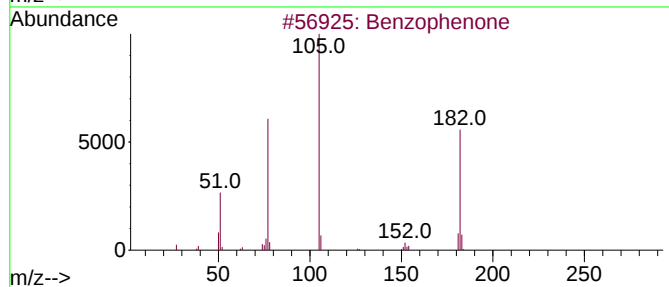
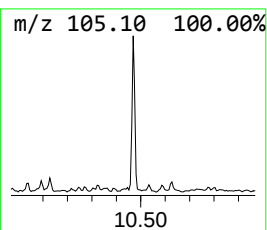
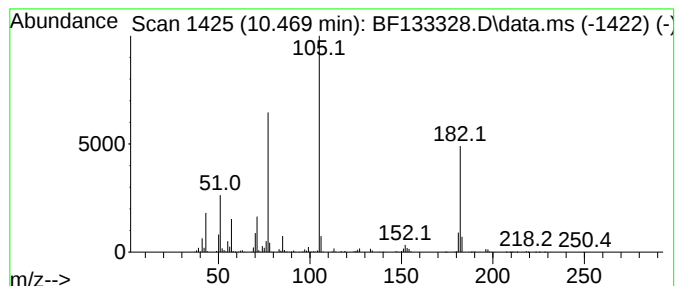
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	15.40 ng	943803	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
3			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
4			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
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ClientSampleId :
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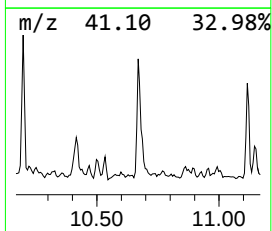
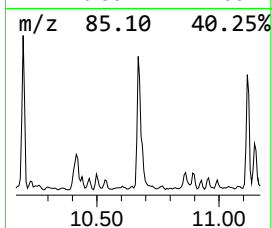
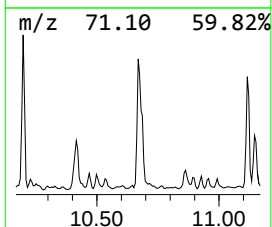
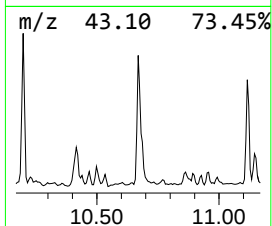
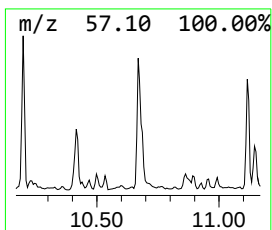
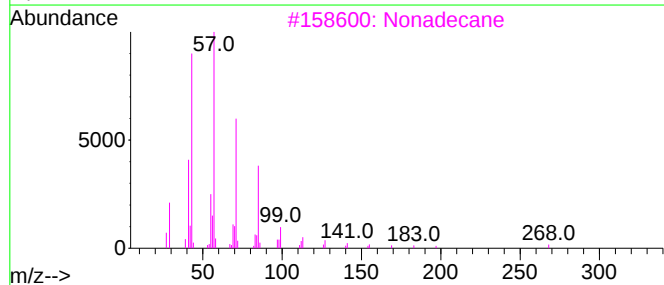
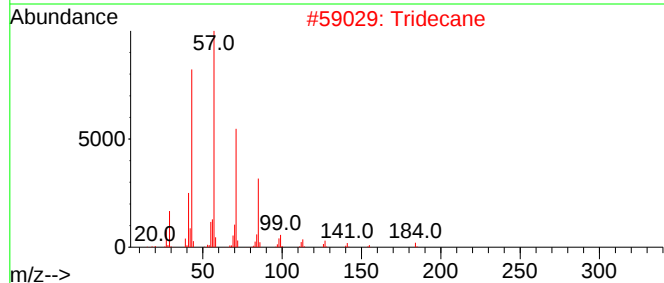
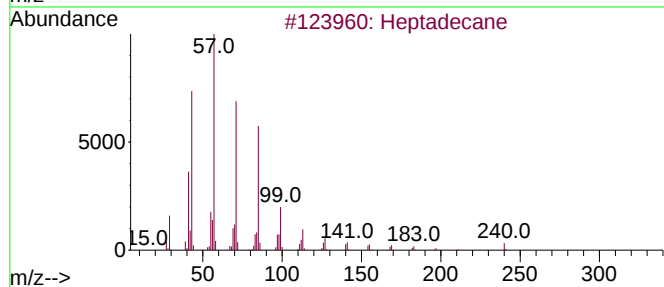
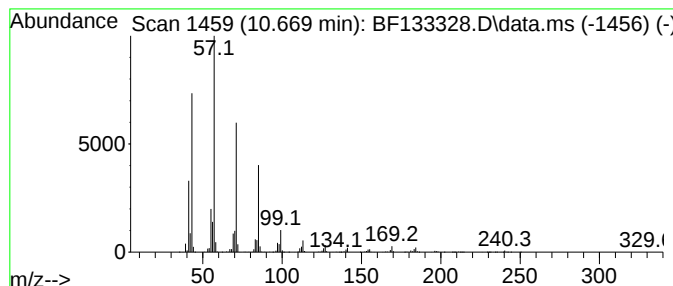
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	63.11 ng	3398740	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tridecane	184	C13H28	000629-50-5	96
3			Nonadecane	268	C19H40	000629-92-5	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
BU-02-050823

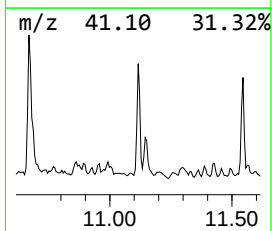
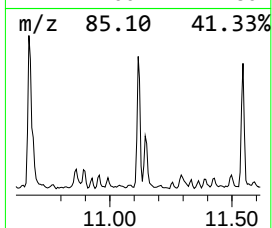
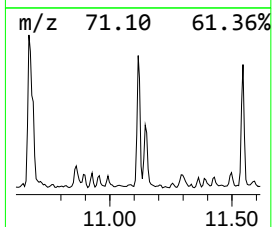
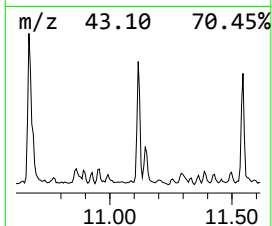
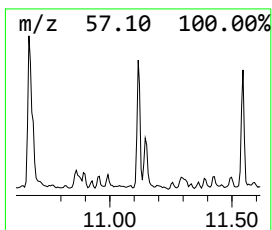
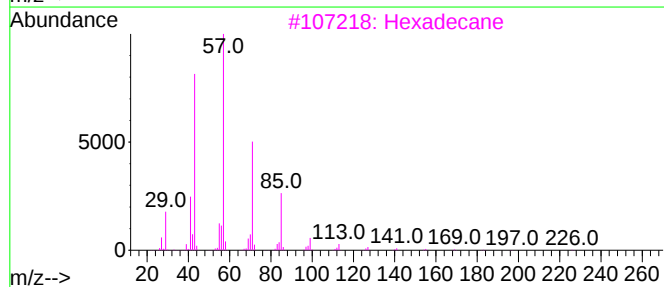
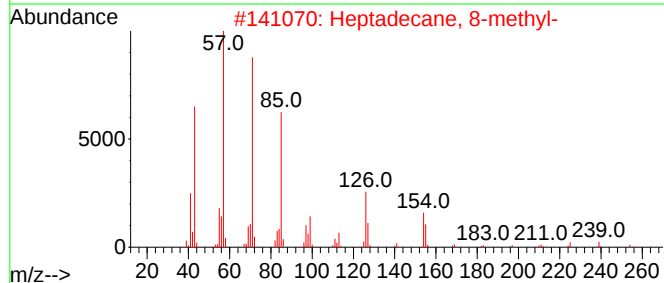
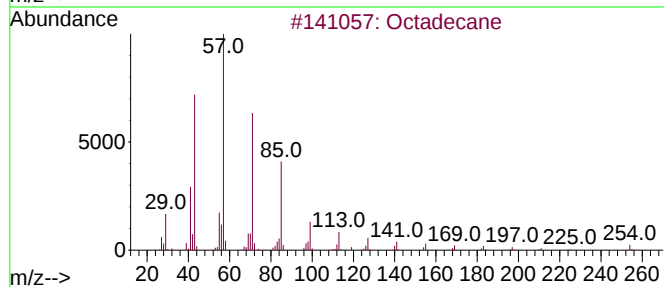
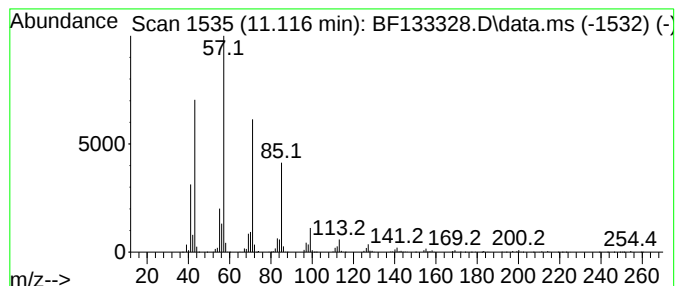
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	39.38 ng	2120640	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Heneicosane	296	C21H44	000629-94-7	90



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Operator : CG\JU
Sample : 02666-01
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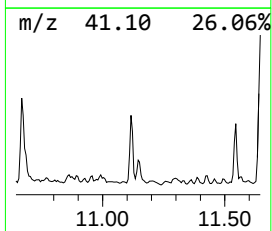
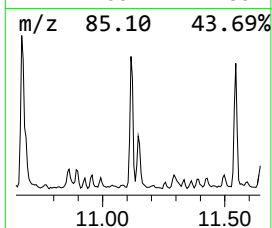
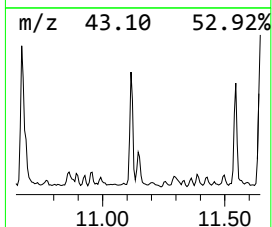
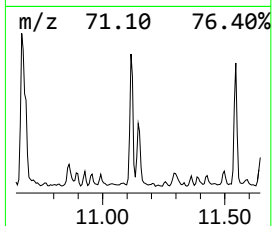
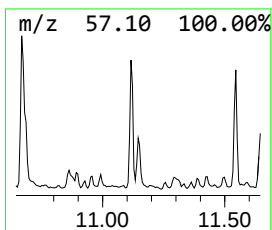
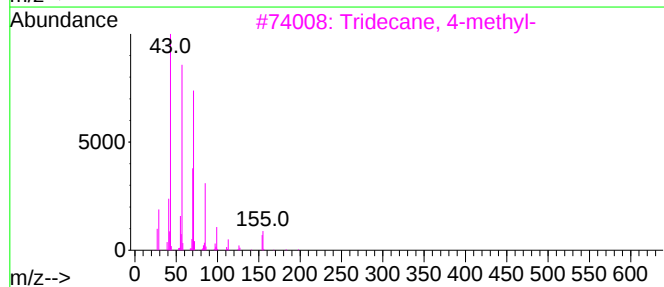
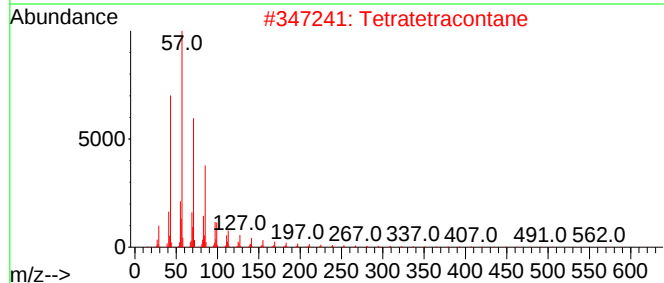
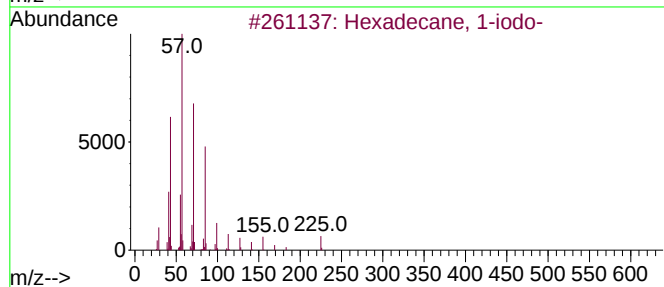
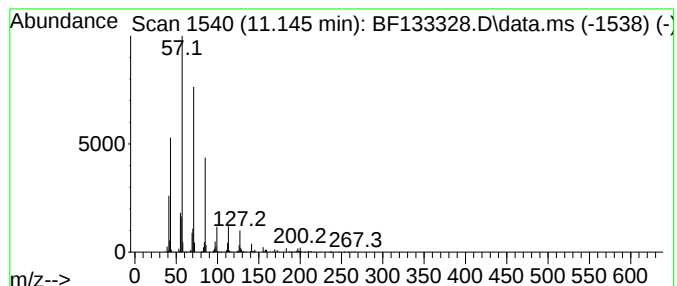
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.145	19.33 ng	1041120	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Tridecane, 4-methyl-		198	C14H30	026730-12-1	87
4	Hexadecane		226	C16H34	000544-76-3	86
5	Heptacosane		380	C27H56	000593-49-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
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Instrument :
BNA_F
ClientSampleId :
BU-02-050823

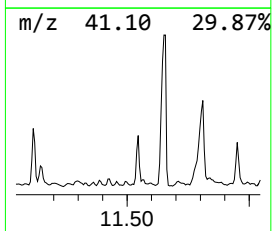
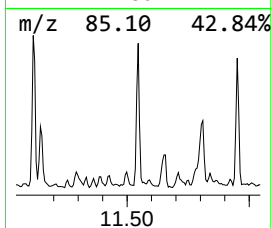
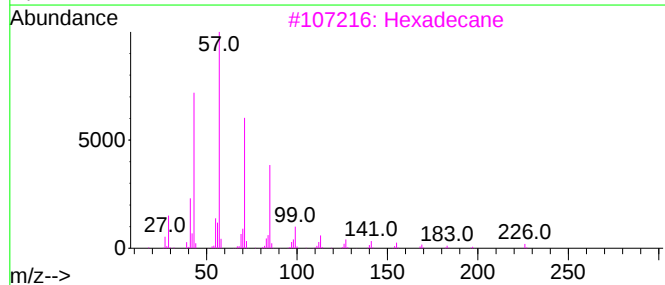
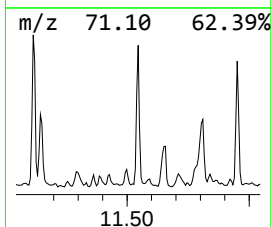
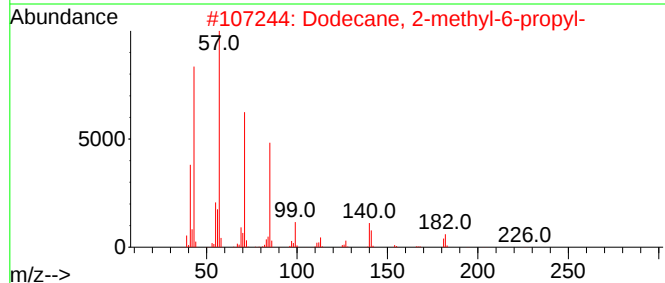
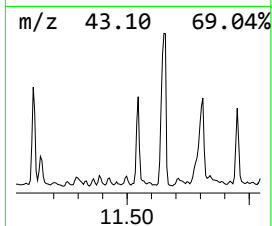
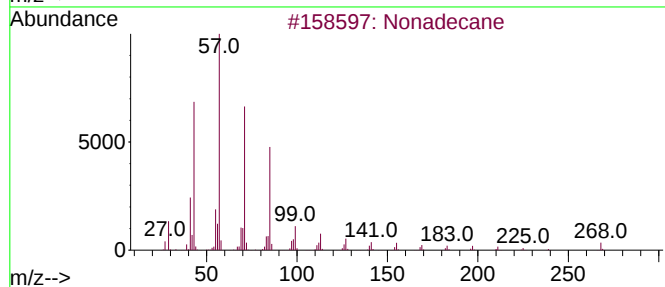
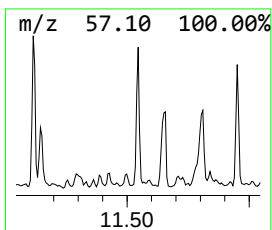
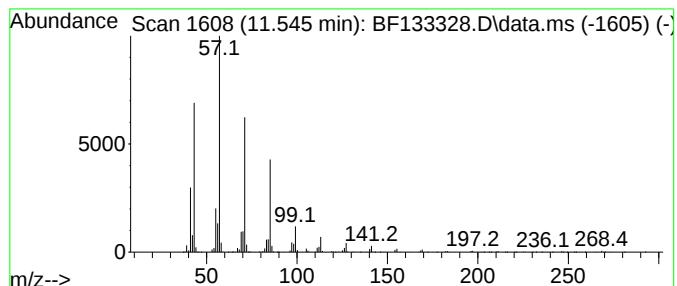
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.545	32.06 ng	1726460	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	94
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3		Hexadecane	226	C16H34	000544-76-3	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
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Operator : CG\JU
Sample : 02666-01
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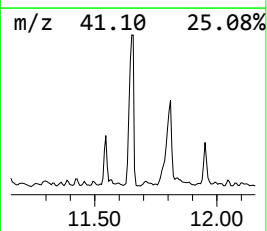
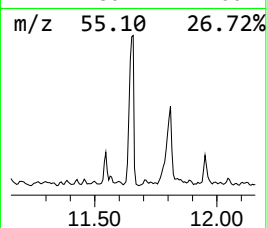
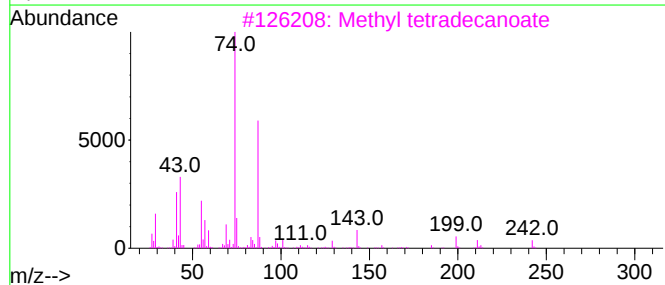
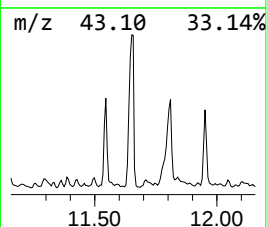
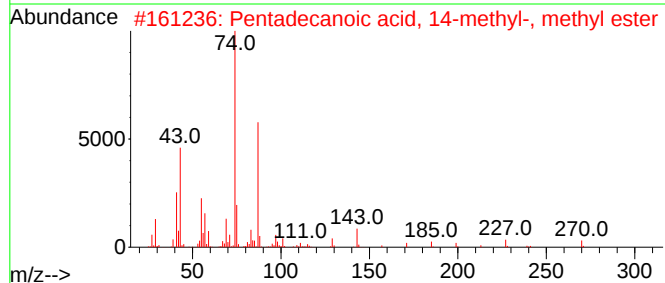
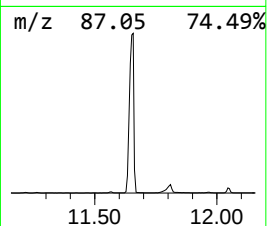
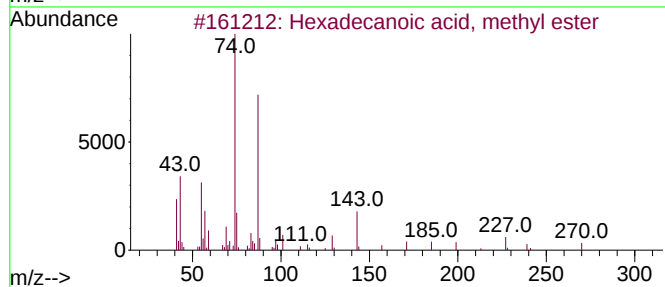
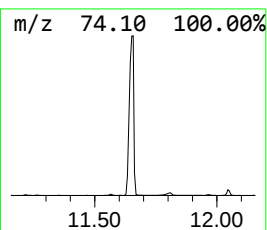
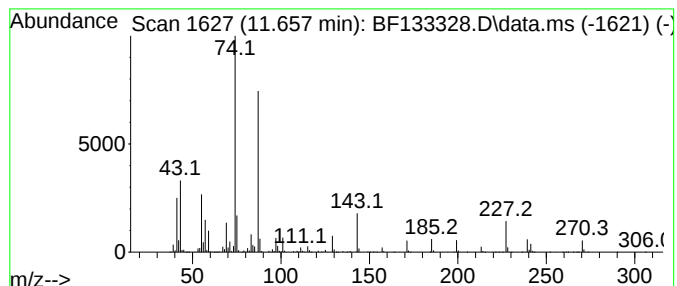
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.657	198.92 ng	10712800	Phenanthrene-d10	11.239	
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	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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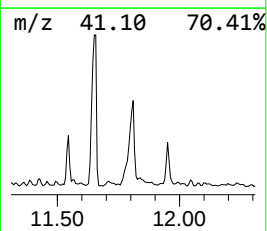
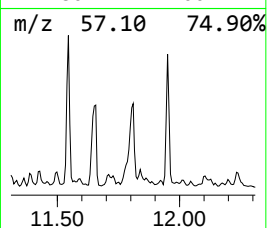
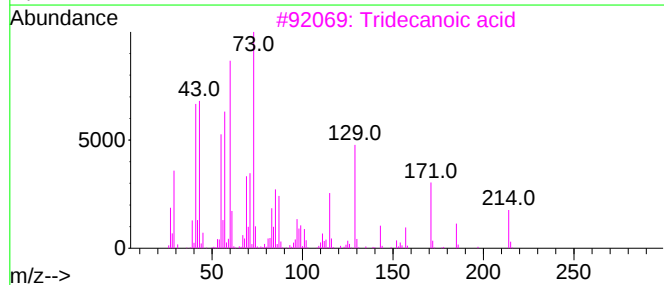
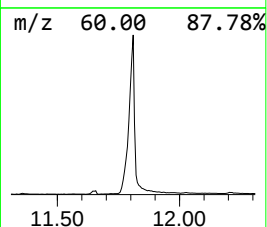
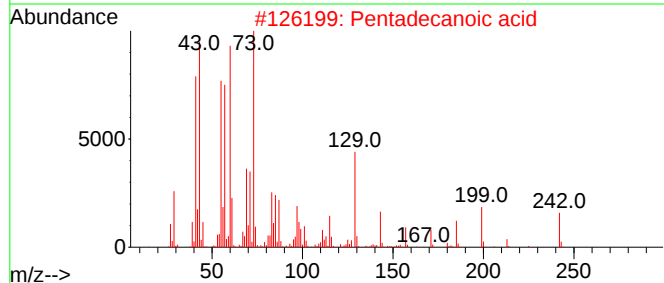
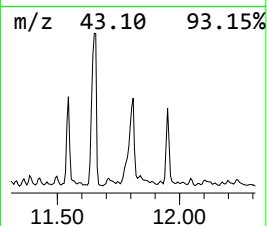
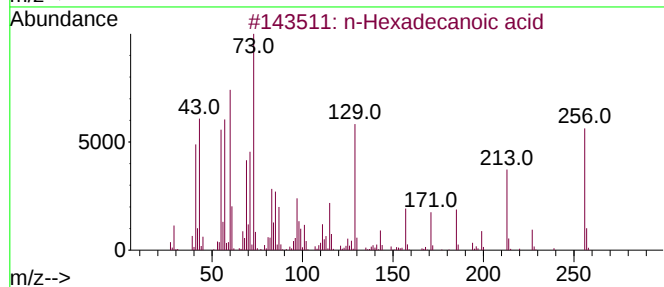
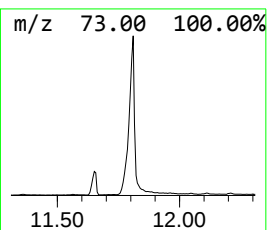
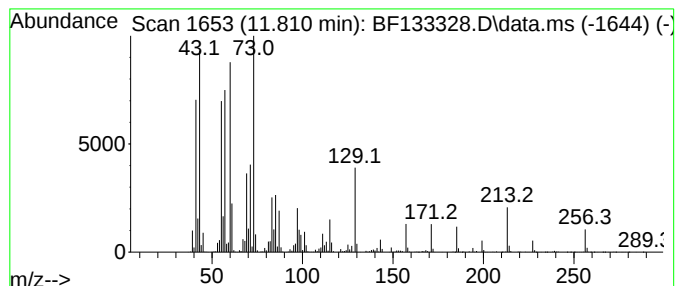
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	108.21 ng	5827880	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
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Instrument :
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ClientSampleId :
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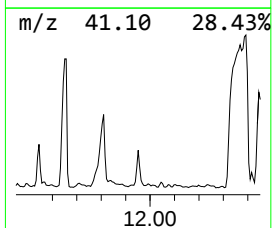
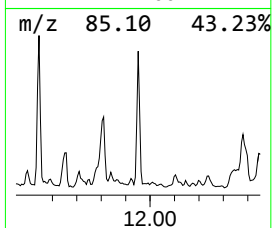
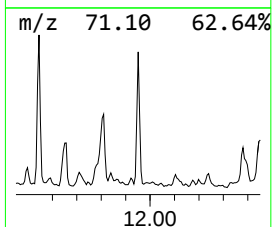
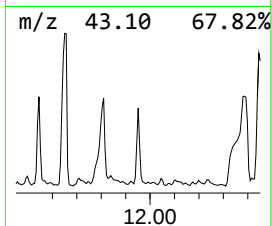
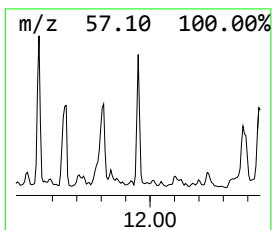
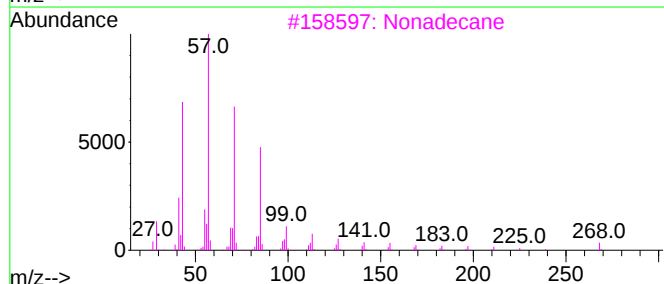
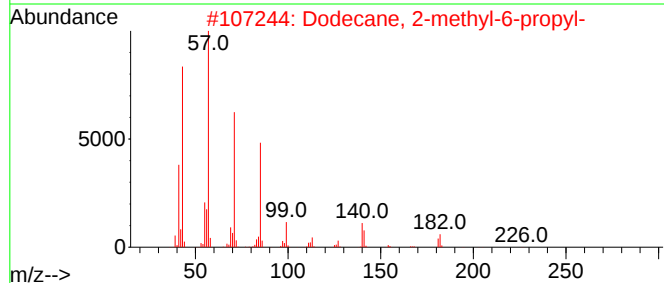
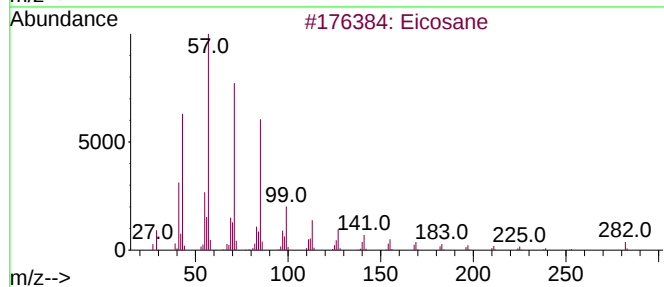
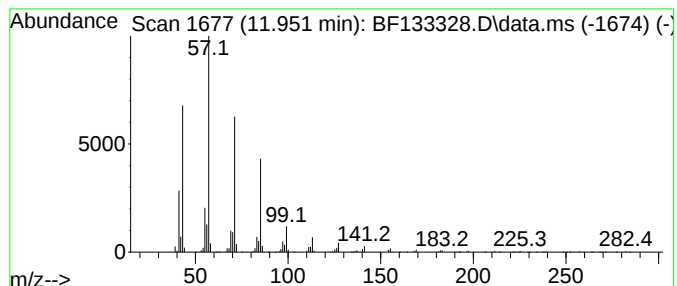
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	31.45 ng	1693900	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	95
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
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ClientSampleId :
BU-02-050823

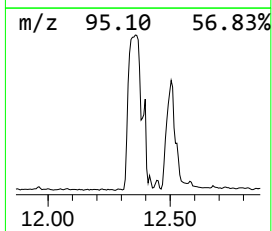
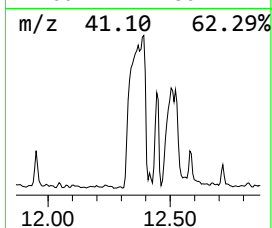
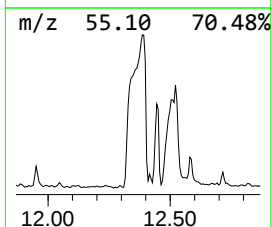
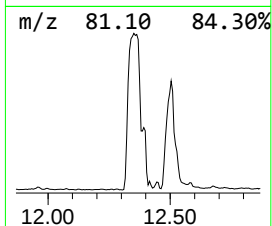
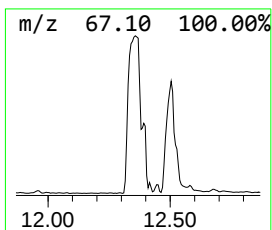
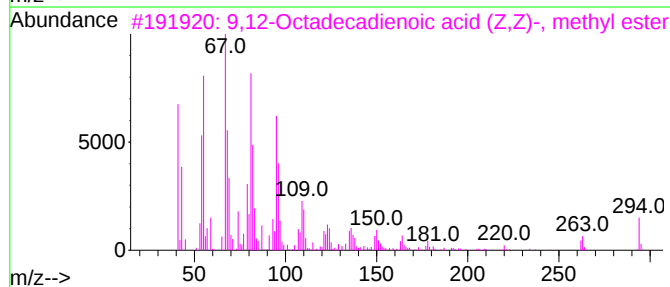
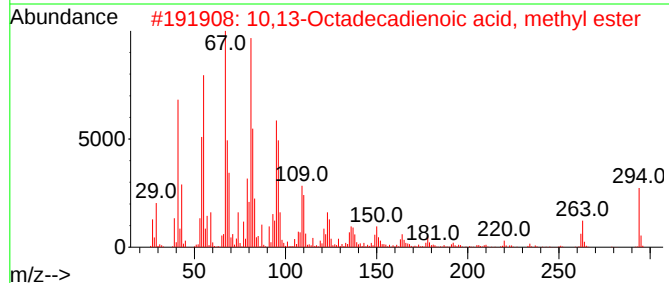
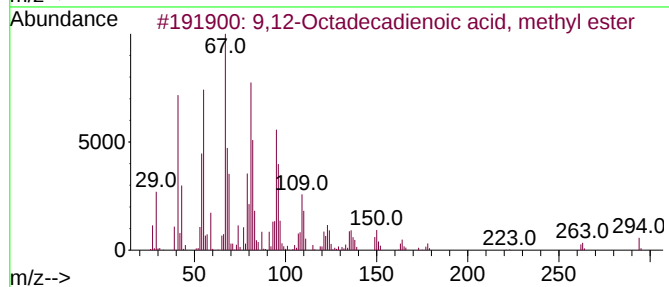
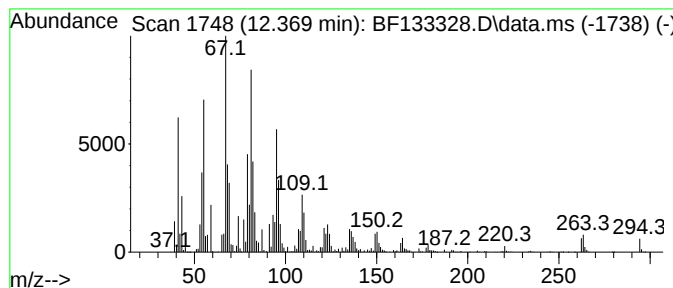
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	512.94 ng	27624500	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
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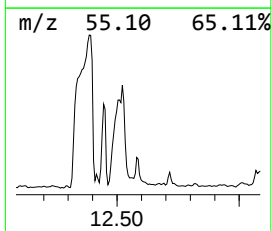
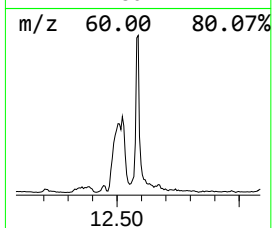
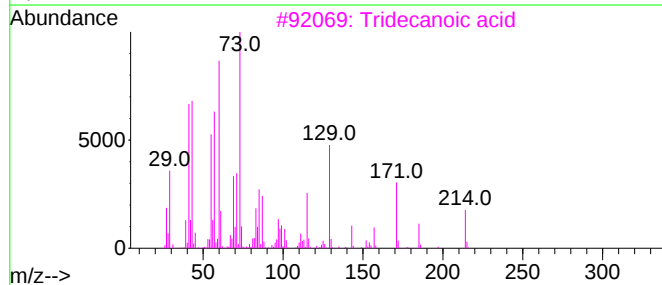
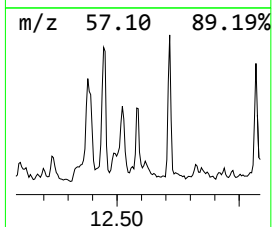
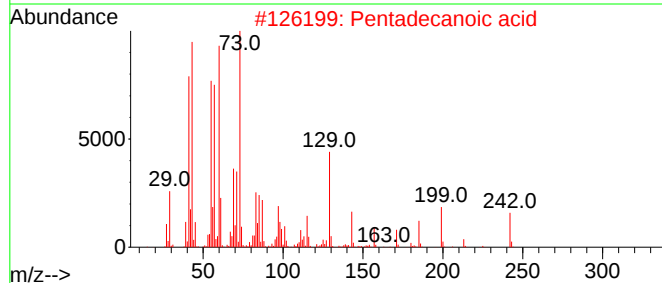
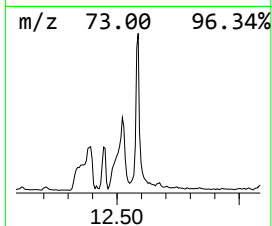
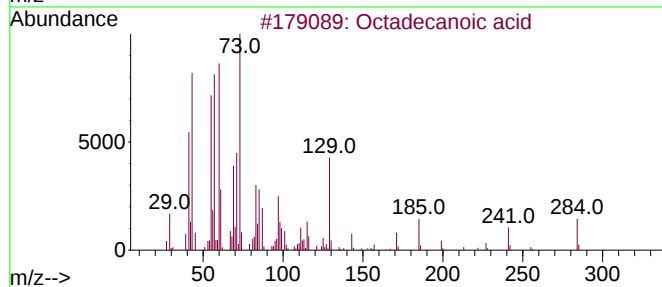
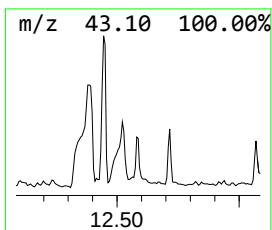
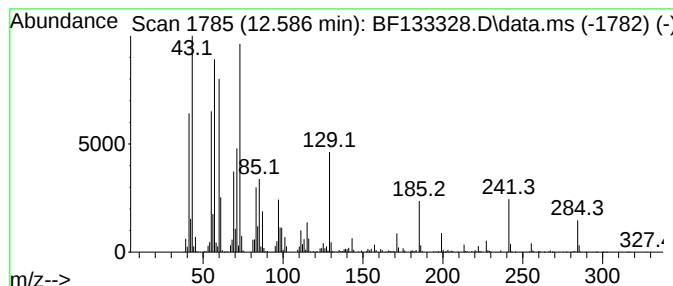
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ClientSampleId :
BU-02-050823

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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 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.586	28.06 ng	1507870	Chrysene-d12		13.880	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	89
3	Tridecanoic acid		214	C13H26O2	000638-53-9	68
4	n-Decanoic acid		172	C10H20O2	000334-48-5	64
5	Tridecane, 2-methyl-		198	C14H30	001560-96-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

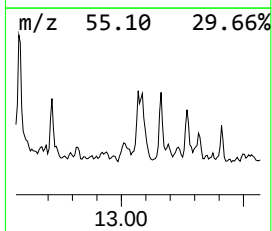
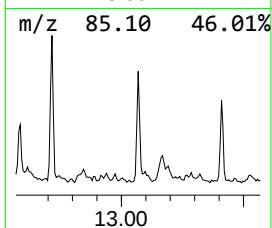
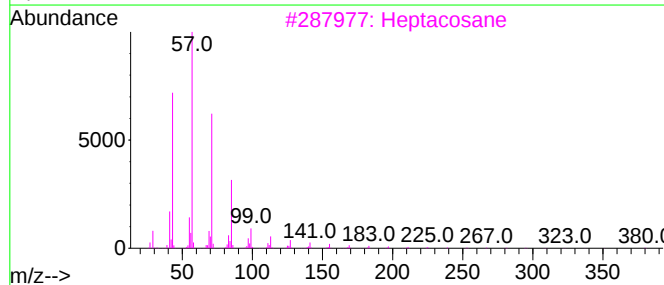
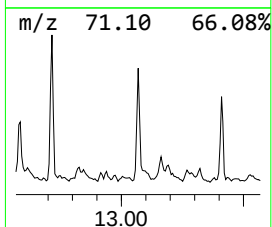
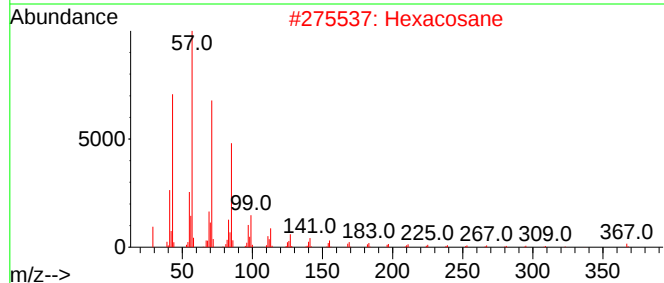
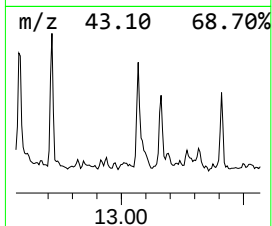
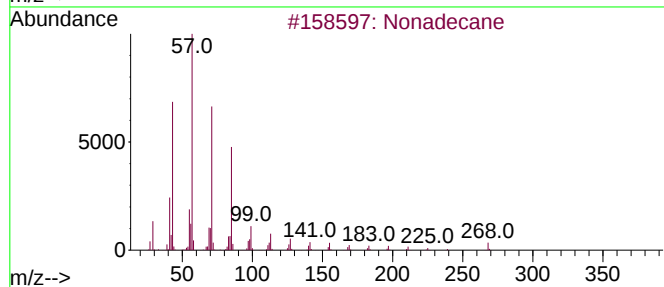
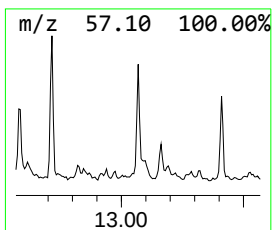
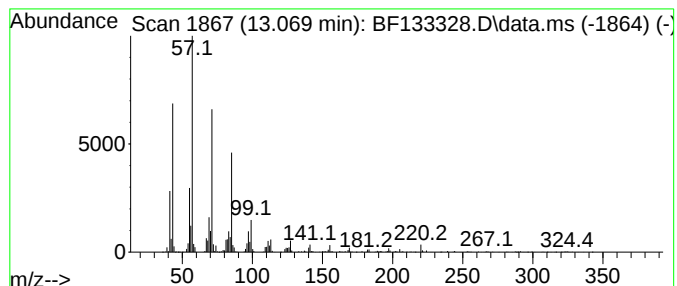
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.069	21.70 ng	1165910	Chrysene-d12		13.880	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	94
2	Hexacosane		366	C26H54	000630-01-3	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Octacosane		394	C28H58	000630-02-4	90
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-050823

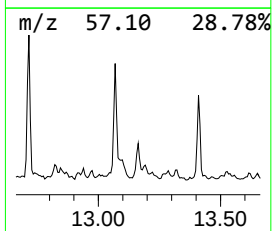
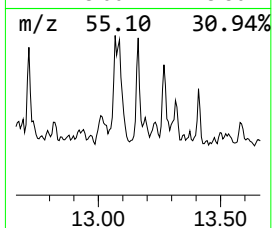
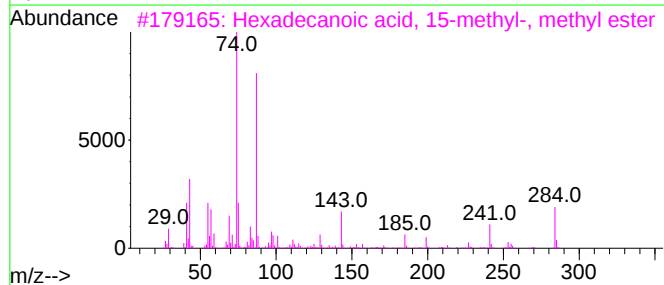
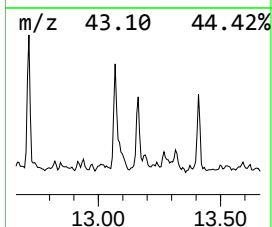
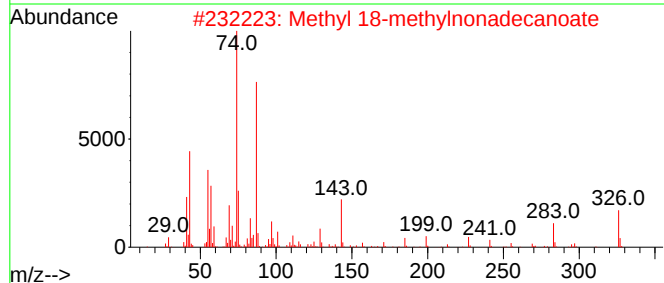
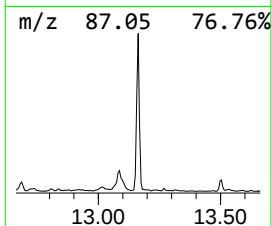
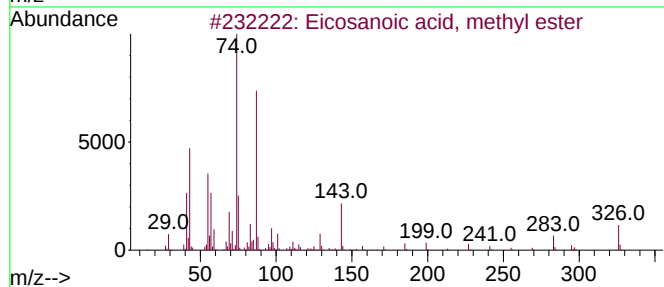
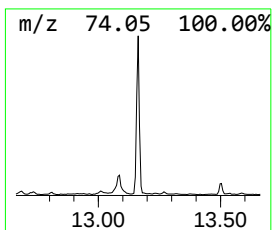
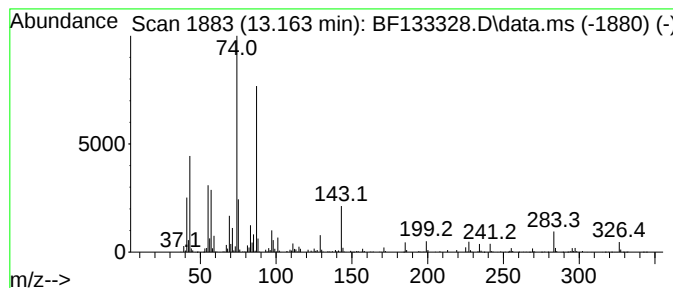
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	18.64 ng	1001360	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2			Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	95
3			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	94
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5			Methyl stearate	298	C19H38O2	000112-61-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
Data File : BF133328.D
Acq On : 10 May 2023 13:52
Operator : CG\JU
Sample : 02666-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

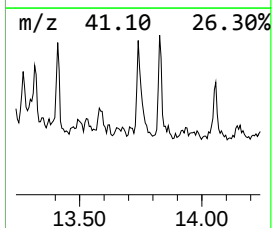
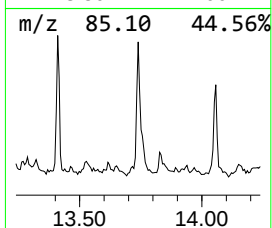
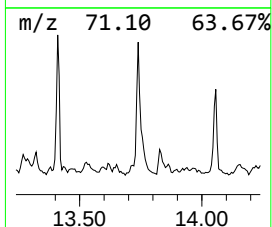
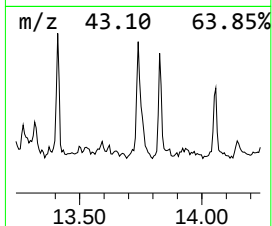
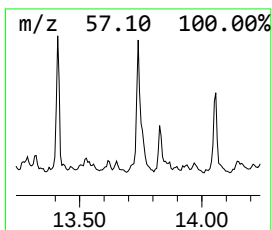
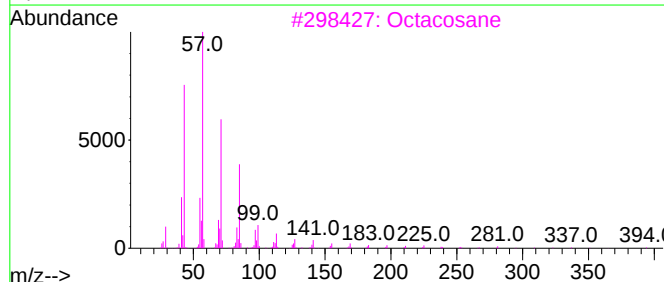
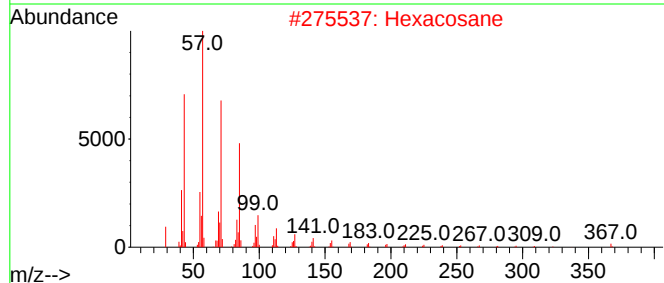
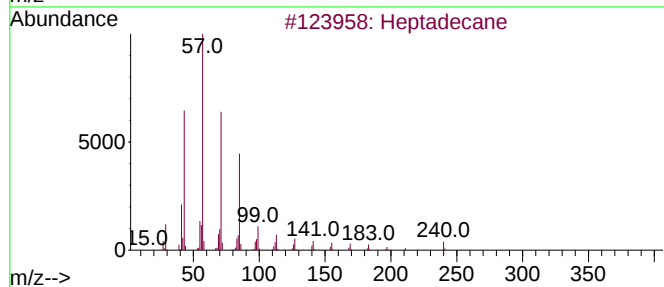
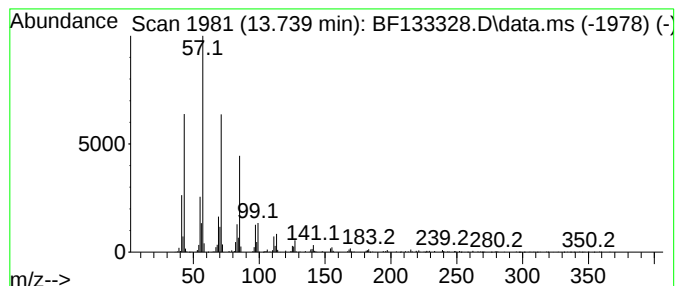
Instrument :
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ClientSampleId :
BU-02-050823

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 20 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.739	22.18 ng	1191670	Chrysene-d12	13.880	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133328.D
 Acq On : 10 May 2023 13:52
 Operator : CG\JU
 Sample : 02666-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-050823

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-...	4.899	29.0	ng	1445690	1	6.722	996627	20.0
Tridecane	8.604	15.6	ng	2136770	2	8.004	2743980	20.0
Tetradecane	9.169	44.8	ng	2748150	3	9.757	1225650	20.0
Octadecane, 1-c...	9.486	25.4	ng	1558470	3	9.757	1225650	20.0
Pentadecane	9.698	41.9	ng	2567650	3	9.757	1225650	20.0
Hexadecane	10.198	41.4	ng	2535860	3	9.757	1225650	20.0
Tridecane, 5-pr...	10.416	28.2	ng	1729240	3	9.757	1225650	20.0
Benzophenone	10.469	15.4	ng	943803	3	9.757	1225650	20.0
Heptadecane	10.669	63.1	ng	3398740	4	11.239	1077110	20.0
Octadecane	11.116	39.4	ng	2120640	4	11.239	1077110	20.0
Hexadecane, 1-i...	11.145	19.3	ng	1041120	4	11.239	1077110	20.0
Nonadecane	11.545	32.1	ng	1726460	4	11.239	1077110	20.0
Hexadecanoic ac...	11.657	198.9	ng	10712800	4	11.239	1077110	20.0
n-Hexadecanoic ...	11.810	108.2	ng	5827880	4	11.239	1077110	20.0
Eicosane	11.951	31.4	ng	1693900	4	11.239	1077110	20.0
9,12-Octadecadi...	12.369	512.9	ng	27624500	4	11.239	1077110	20.0
Octadecanoic acid	12.586	28.1	ng	1507870	5	13.880	1074700	20.0
Hexacosane	13.069	21.7	ng	1165910	5	13.880	1074700	20.0
Eicosanoic acid...	13.163	18.6	ng	1001360	5	13.880	1074700	20.0
Octacosane	13.739	22.2	ng	1191670	5	13.880	1074700	20.0