

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133320.D
 Acq On : 09 May 2023 16:39
 Operator : CG\JU
 Sample : 02680-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-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: BF133320.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.904	473	479	487	rVB	1114221	1383440	10.39%	1.329%
2	5.328	547	551	555	rBV	3172197	3056290	22.95%	2.936%
3	6.363	722	727	730	rBV	3247924	3139900	23.58%	3.016%
4	6.716	784	787	791	rBV	1403227	1207382	9.07%	1.160%
5	7.281	875	883	886	rBV	2249325	2092886	15.71%	2.011%
6	8.004	1001	1006	1008	rBV	2159876	1962386	14.73%	1.885%
7	8.298	1052	1056	1059	rBV5	158325	236691	1.78%	0.227%
8	8.386	1069	1071	1074	rBV2	185408	180363	1.35%	0.173%
9	8.433	1074	1079	1081	rBV	252259	231486	1.74%	0.222%
10	8.510	1088	1092	1095	rBV2	232304	233805	1.76%	0.225%
11	8.604	1104	1108	1111	rBV	814115	700542	5.26%	0.673%
12	8.827	1140	1146	1148	rBV2	329511	333154	2.50%	0.320%
13	8.969	1168	1170	1172	rVB	229551	165108	1.24%	0.159%
14	9.033	1178	1181	1185	rVB3	332232	314158	2.36%	0.302%
15	9.080	1185	1189	1192	rBV	4438820	3523786	26.46%	3.385%
16	9.169	1200	1204	1208	rBV	1207967	986904	7.41%	0.948%
17	9.333	1228	1232	1234	rBV3	136534	163344	1.23%	0.157%
18	9.392	1239	1242	1244	rVV3	136791	154377	1.16%	0.148%
19	9.416	1244	1246	1249	rVV2	245293	317397	2.38%	0.305%
20	9.439	1249	1250	1253	rVV	250910	192670	1.45%	0.185%
21	9.486	1253	1258	1260	rVV4	548544	703606	5.28%	0.676%
22	9.510	1260	1262	1264	rVV	362473	319040	2.40%	0.306%
23	9.545	1264	1268	1270	rVB3	276857	298153	2.24%	0.286%
24	9.616	1278	1280	1282	rBV	274434	202146	1.52%	0.194%
25	9.698	1291	1294	1297	rBV	1467918	1121436	8.42%	1.077%
26	9.757	1298	1304	1307	rBV	2203968	2037659	15.30%	1.957%
27	9.933	1329	1334	1336	rBV4	185907	313104	2.35%	0.301%
28	9.957	1336	1338	1341	rVV2	280290	256174	1.92%	0.246%
29	10.016	1344	1348	1353	rVB5	315818	382459	2.87%	0.367%
30	10.198	1375	1379	1381	rBV	1353665	1171439	8.80%	1.125%
31	10.298	1393	1396	1398	rBV2	248028	233092	1.75%	0.224%
32	10.416	1409	1416	1419	rBV	624581	781817	5.87%	0.751%
33	10.469	1421	1425	1428	rVB	1041626	884020	6.64%	0.849%
34	10.498	1428	1430	1433	rBV2	208376	174661	1.31%	0.168%
35	10.545	1433	1438	1441	rBV	1958325	1954314	14.67%	1.877%
36	10.669	1456	1459	1466	rBV	1677680	1856068	13.94%	1.783%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.116	1532	1535	1537	rVV	1407548	1133466	8.51%	1.089%
38	11.145	1537	1540	1546	rVB2	572647	618553	4.64%	0.594%
39	11.239	1552	1556	1558	rBV	1708468	1533222	11.51%	1.473%
40	11.263	1558	1560	1563	rVV	2049545	1470184	11.04%	1.412%

41	11.310	1566	1568	1571	rVB	449651	350076	2.63%	0.336%
42	11.539	1604	1607	1610	rBV	1090116	947277	7.11%	0.910%
43	11.645	1621	1625	1628	rVB	5389757	4538245	34.08%	4.360%
44	11.739	1638	1641	1643	rBV	362035	294336	2.21%	0.283%
45	11.780	1643	1648	1651	rBV2	949041	1214961	9.12%	1.167%

46	11.851	1656	1660	1662	rBV	626509	675092	5.07%	0.649%
47	11.874	1662	1664	1669	rVB2	347303	343377	2.58%	0.330%
48	11.951	1673	1677	1680	rBV	803655	701413	5.27%	0.674%
49	12.033	1689	1691	1693	rBV	224758	206668	1.55%	0.199%
50	12.057	1693	1695	1700	rVB4	230899	263325	1.98%	0.253%

51	12.233	1723	1725	1728	rVB2	159443	160390	1.20%	0.154%
52	12.292	1731	1735	1737	rBV2	294943	322848	2.42%	0.310%
53	12.339	1737	1743	1745	rBV	7853162	13317991	100.00%	12.794%
54	12.357	1745	1746	1752	rVV3	7416590	6846813	51.41%	6.577%
55	12.433	1756	1759	1761	rBV	2637002	2874646	21.58%	2.761%

56	12.451	1761	1762	1765	rVV	3342822	2611490	19.61%	2.509%
57	12.492	1767	1769	1776	rVV2	1628207	1730795	13.00%	1.663%
58	12.563	1779	1781	1786	rVB2	347245	355950	2.67%	0.342%
59	12.680	1795	1801	1804	rBV2	3192492	3352708	25.17%	3.221%
60	12.710	1804	1806	1808	rVB	515578	373582	2.81%	0.359%

61	12.798	1818	1821	1823	rBV	241032	239226	1.80%	0.230%
62	12.827	1823	1826	1833	rVB	3047021	2771492	20.81%	2.662%
63	12.904	1834	1839	1842	rBV3	266638	424152	3.18%	0.407%
64	12.986	1850	1853	1854	rBV2	202070	205306	1.54%	0.197%
65	13.004	1854	1856	1860	rVB	529699	535702	4.02%	0.515%

66	13.068	1863	1867	1871	rBV2	568887	794283	5.96%	0.763%
67	13.110	1871	1874	1877	rVV2	410740	385550	2.89%	0.370%
68	13.157	1880	1882	1886	rVV2	223157	199739	1.50%	0.192%
69	13.204	1887	1890	1892	rVB	229047	195077	1.46%	0.187%
70	13.233	1892	1895	1899	rBV	249803	250998	1.88%	0.241%

71	13.315	1906	1909	1913	rVB4	194001	220522	1.66%	0.212%
72	13.410	1922	1925	1927	rBV	349138	319756	2.40%	0.307%
73	13.510	1940	1942	1947	rVB	264880	309012	2.32%	0.297%
74	13.621	1957	1961	1964	rBV2	339432	416468	3.13%	0.400%
75	13.651	1964	1966	1968	rBV	269524	189006	1.42%	0.182%

76	13.674	1968	1970	1974	rBV2	199478	184602	1.39%	0.177%
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77	13.721	1975	1978	1979	rBV	231116	216549	1.63%	0.208%
78	13.827	1993	1996	1998	rBV	159063	146287	1.10%	0.141%
79	13.868	1999	2003	2006	rVV2	2156892	2962492	22.24%	2.846%
80	13.904	2006	2009	2016	rVB	1574143	1616265	12.14%	1.553%
81	13.980	2020	2022	2026	rVB	271412	212889	1.60%	0.205%
82	14.015	2026	2028	2030	rBV	161548	155871	1.17%	0.150%
83	14.051	2032	2034	2038	rVB3	377301	342508	2.57%	0.329%
84	14.262	2067	2070	2072	rVB	357742	307704	2.31%	0.296%
85	14.292	2073	2075	2078	rVB	208764	195891	1.47%	0.188%
86	14.357	2083	2086	2088	rBV2	445845	400867	3.01%	0.385%
87	14.386	2088	2091	2093	rBV	178884	170955	1.28%	0.164%
88	14.445	2099	2101	2106	rVB5	172455	258851	1.94%	0.249%
89	14.656	2134	2137	2143	rVB2	316057	431989	3.24%	0.415%
90	14.762	2153	2155	2160	rVB	253193	285260	2.14%	0.274%
91	14.892	2173	2177	2185	rBV	1377153	2644417	19.86%	2.540%
92	14.974	2188	2191	2193	rBV2	264666	321752	2.42%	0.309%
93	15.180	2222	2226	2232	rVB	779418	1015598	7.63%	0.976%
94	15.239	2232	2236	2241	rVB	1197021	1417647	10.64%	1.362%
95	15.298	2242	2246	2249	rVV	817578	1002014	7.52%	0.963%
96	15.327	2249	2251	2257	rVB3	468881	632084	4.75%	0.607%
97	15.745	2319	2322	2326	rBV2	210779	310984	2.34%	0.299%
98	15.962	2355	2359	2365	rVB2	332401	520390	3.91%	0.500%
99	16.674	2475	2480	2490	rVB2	418506	819583	6.15%	0.787%
100	17.092	2546	2551	2559	rVB	287935	564895	4.24%	0.543%

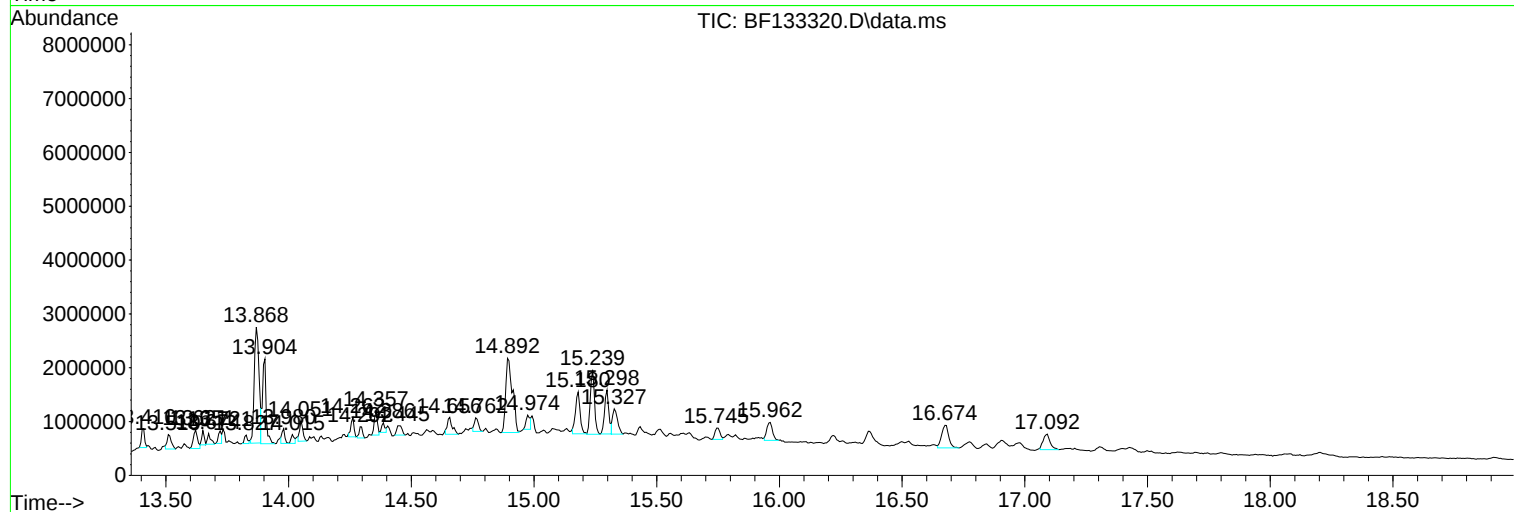
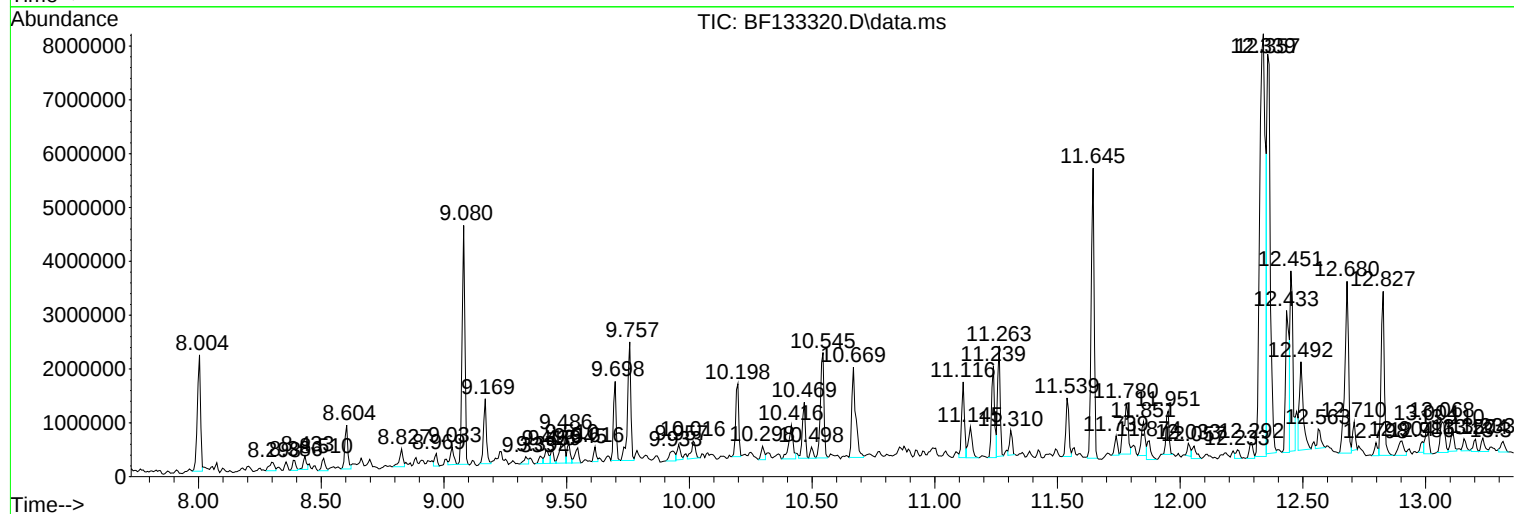
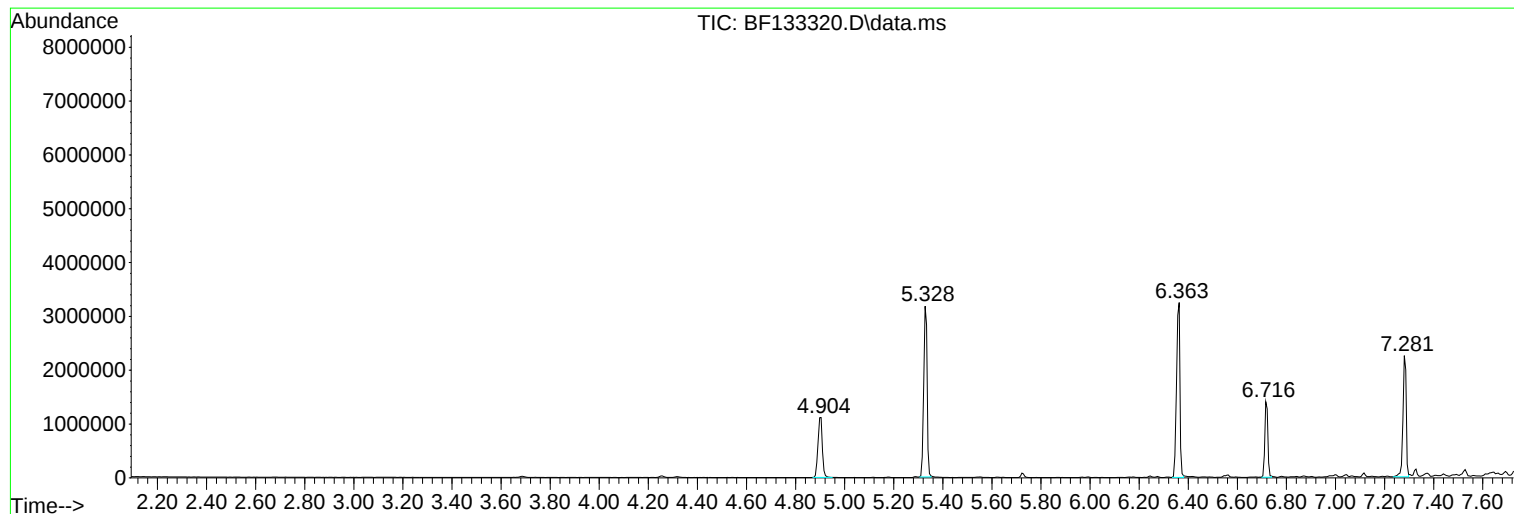
Sum of corrected areas: 104097298

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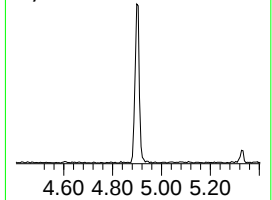
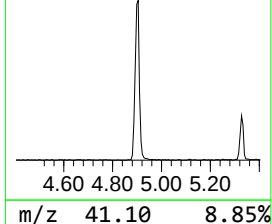
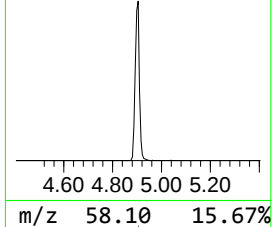
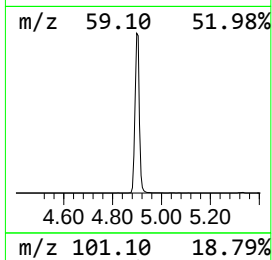
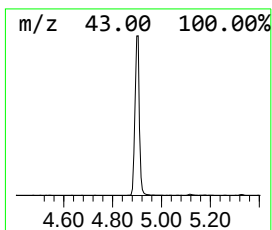
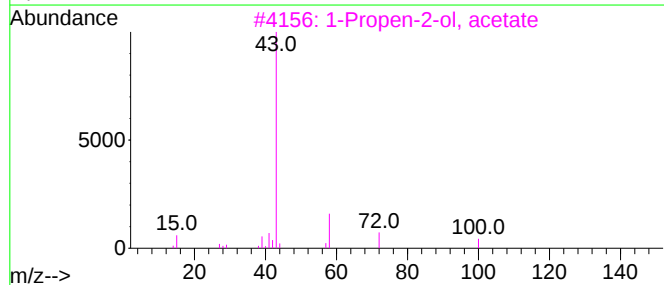
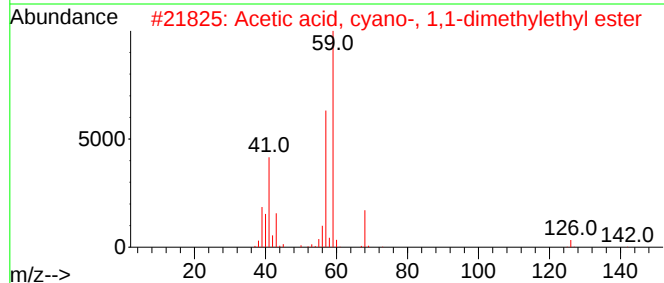
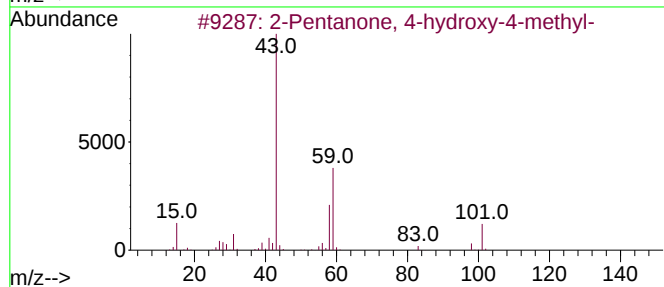
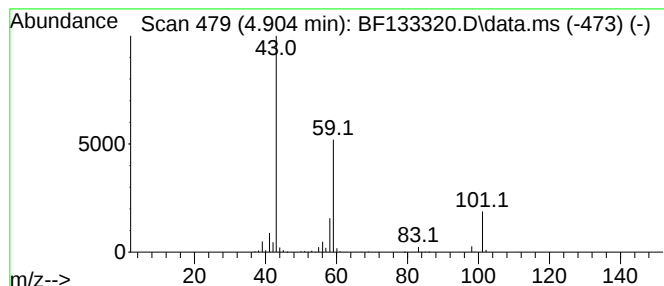
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.904	22.92 ng	1383440	1,4-Dichlorobenzene-d4	6.716	
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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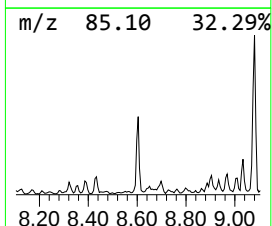
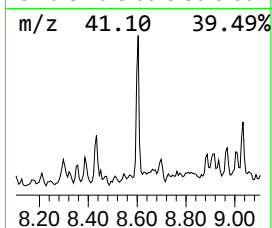
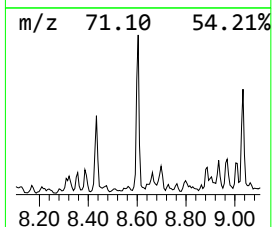
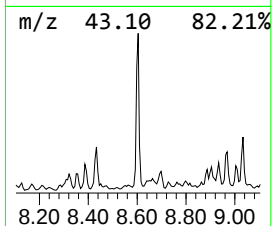
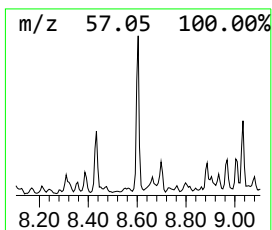
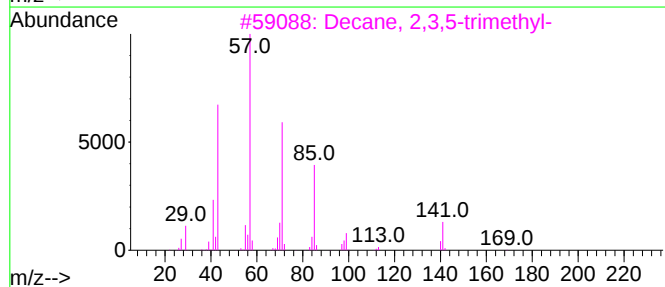
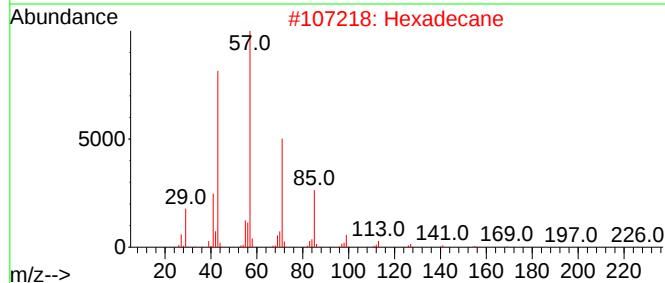
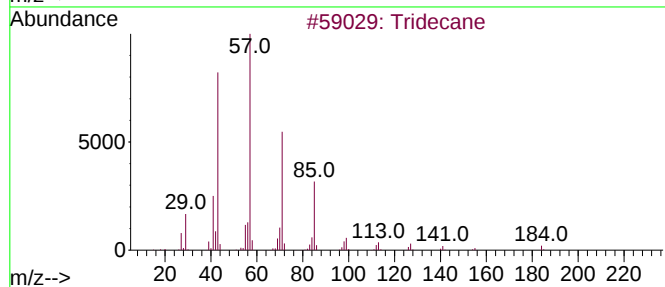
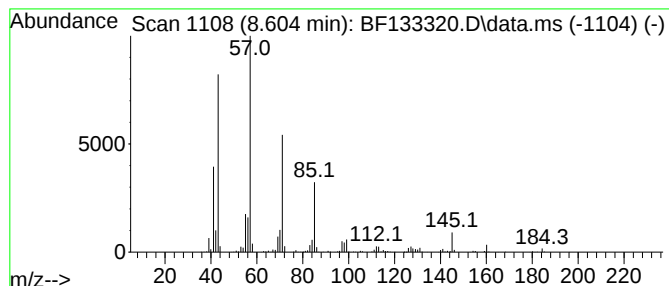
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	7.14 ng	700542	Naphthalene-d8	8.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Hexadecane	226	C16H34	000544-76-3	80
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4			Tetradecane	198	C14H30	000629-59-4	64
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64



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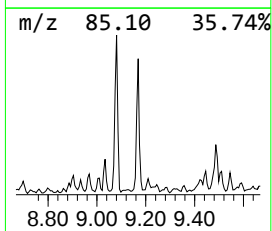
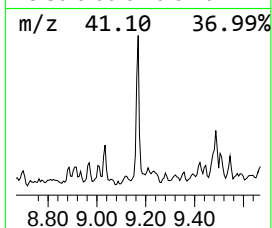
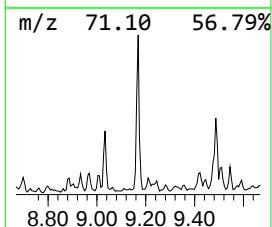
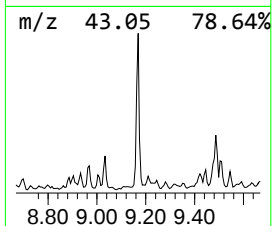
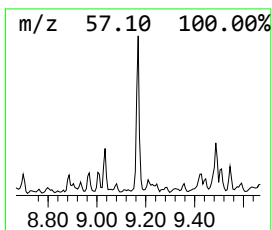
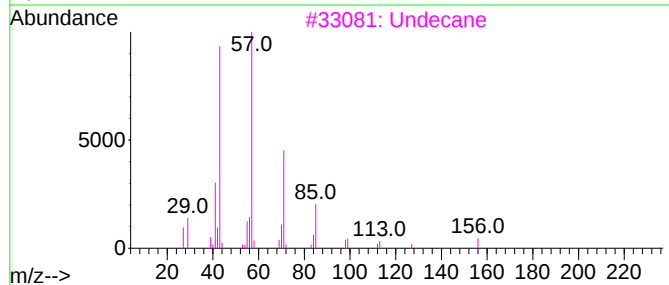
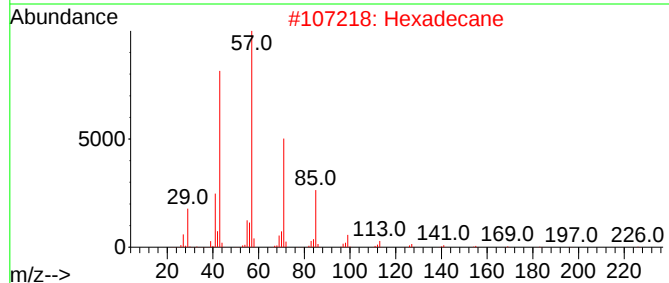
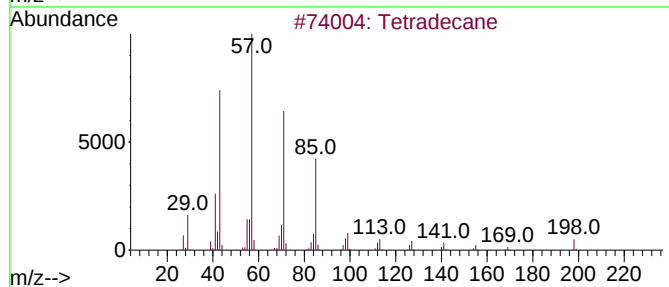
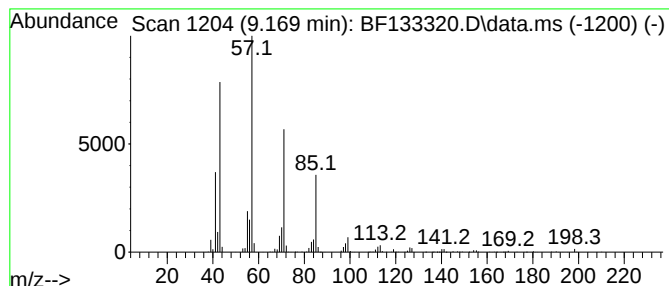
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	9.69 ng	986904	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Hexadecane	226	C16H34	000544-76-3	91
3			Undecane	156	C11H24	001120-21-4	86
4			Tridecane	184	C13H28	000629-50-5	78
5			Pentadecane	212	C15H32	000629-62-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-050823

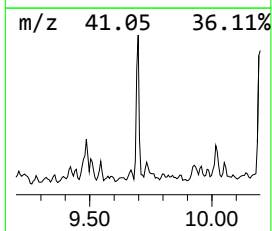
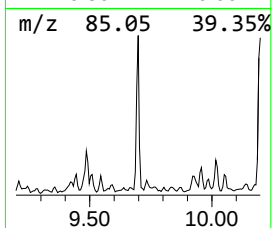
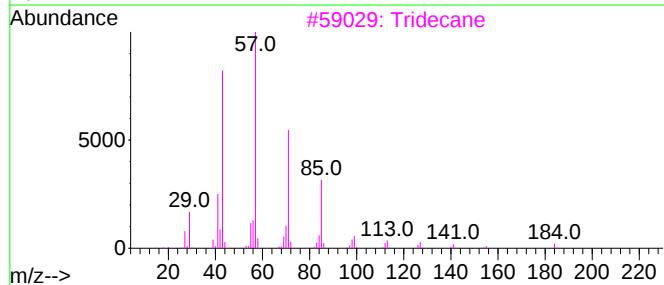
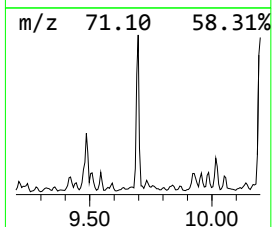
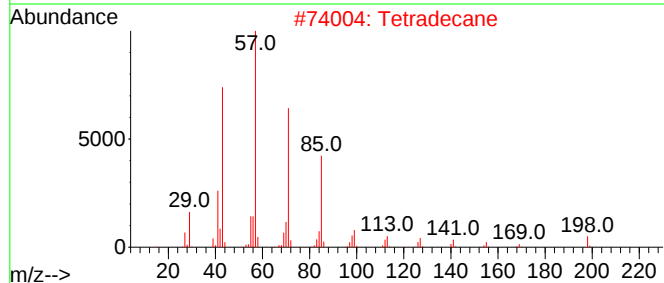
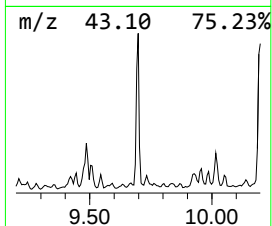
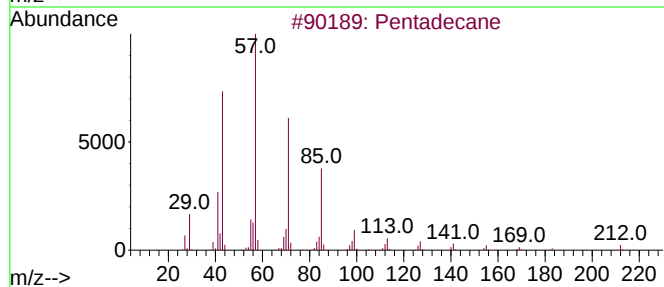
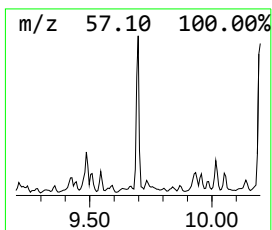
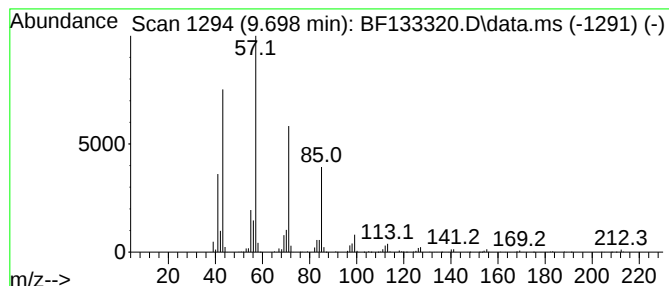
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	11.01 ng	1121440	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			9-methylheptadecane	254	C18H38	026741-18-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-050823

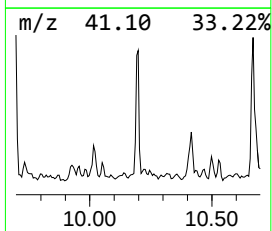
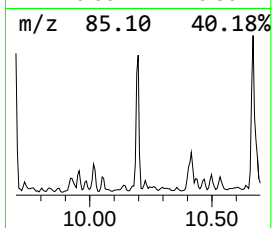
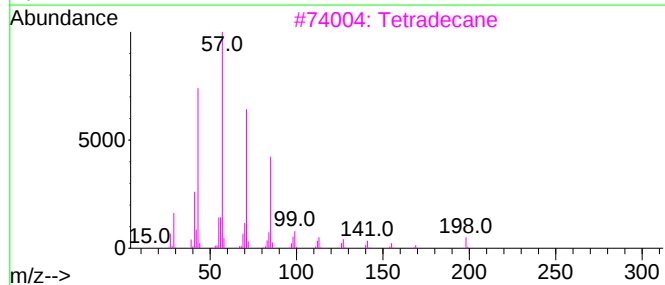
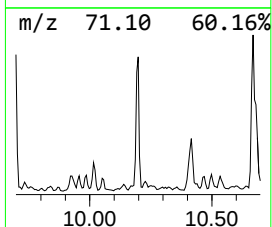
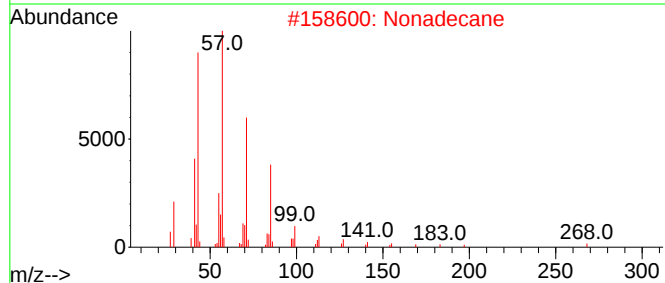
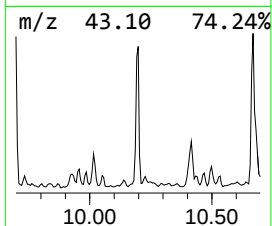
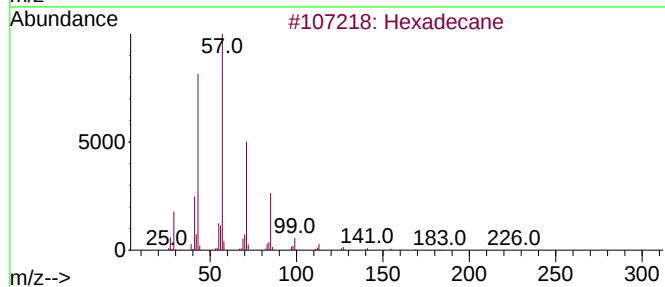
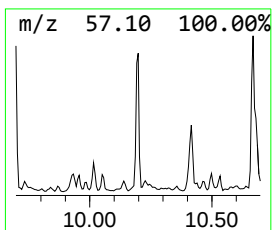
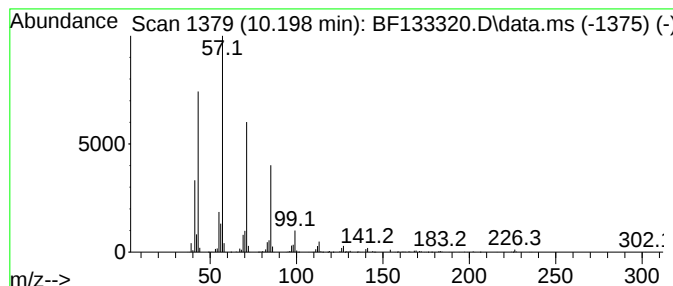
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	11.50 ng	1171440	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Tridecane	184	C13H28	000629-50-5	80
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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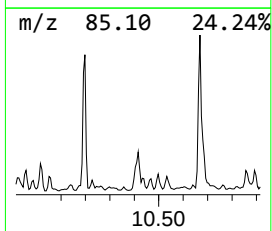
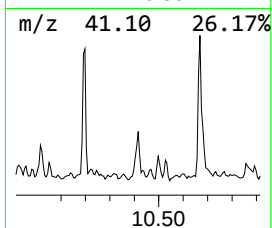
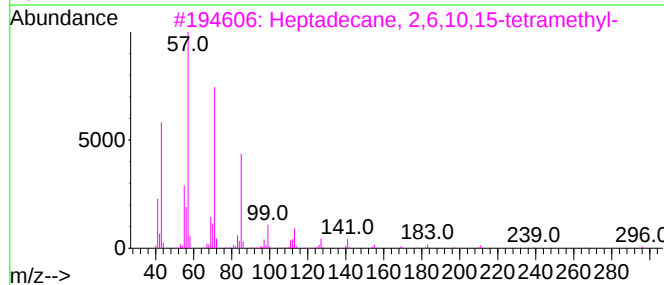
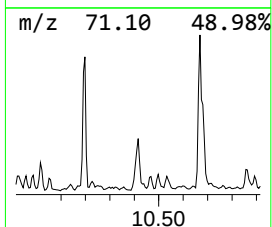
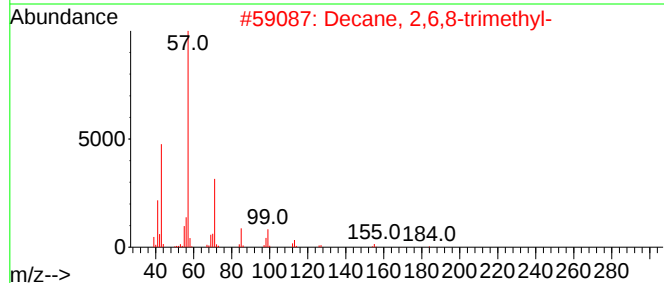
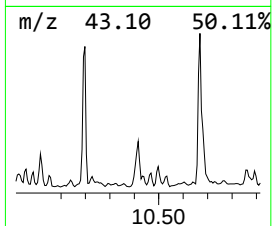
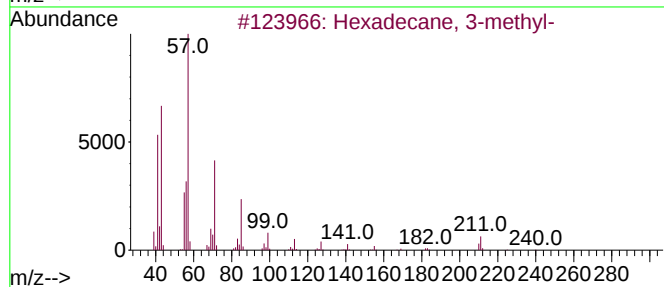
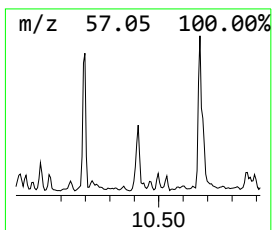
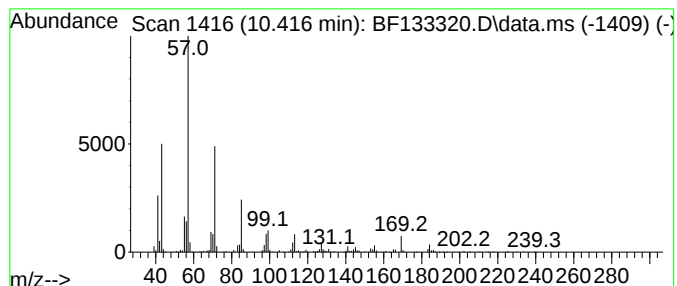
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	7.67 ng	781817	Acenaphthene-d10	9.757

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4		Octadecane	254	C18H38	000593-45-3	72
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Acq On : 09 May 2023 16:39
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Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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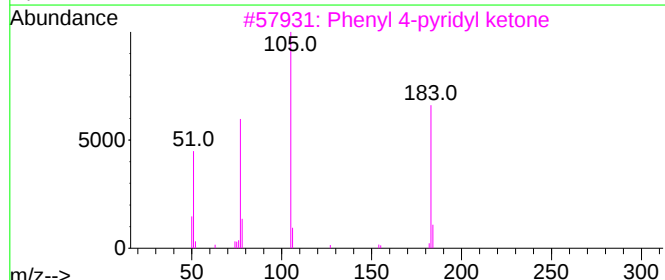
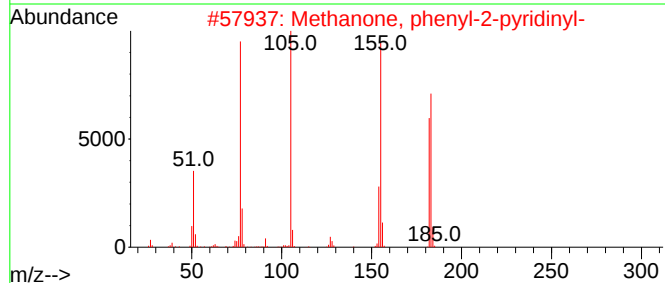
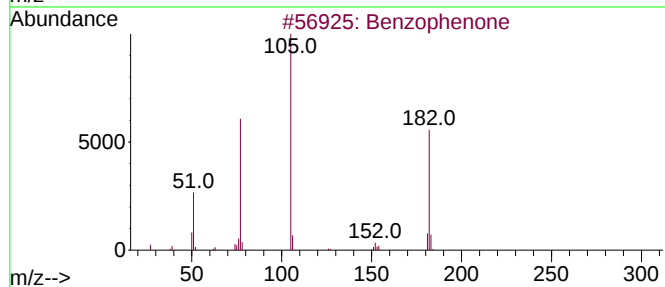
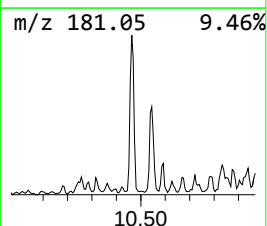
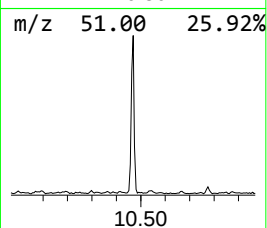
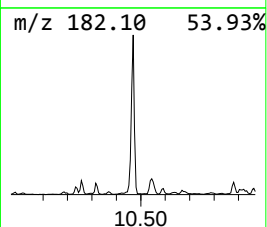
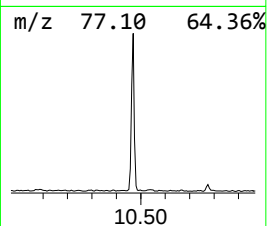
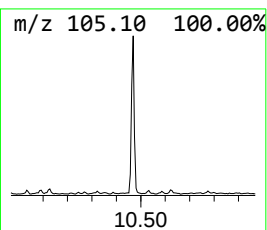
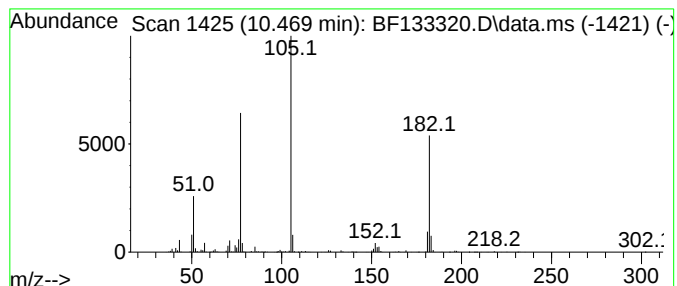
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.469	8.68 ng	884020	Acenaphthene-d10	9.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	47
4			Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
5			N-[2,2-Dichloro-1-(toluene-4-sul...	371	C16H15Cl2NO3S	136800-77-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-050823

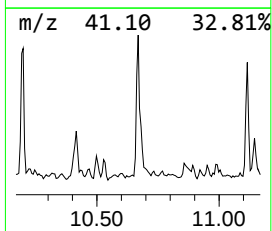
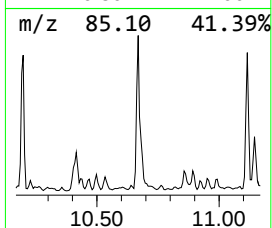
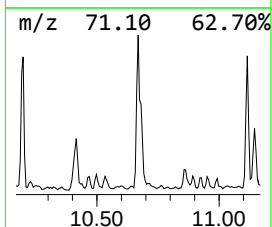
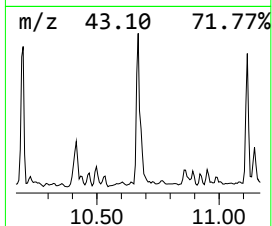
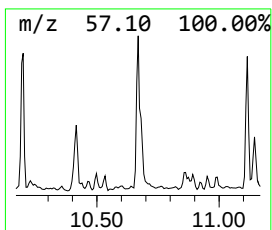
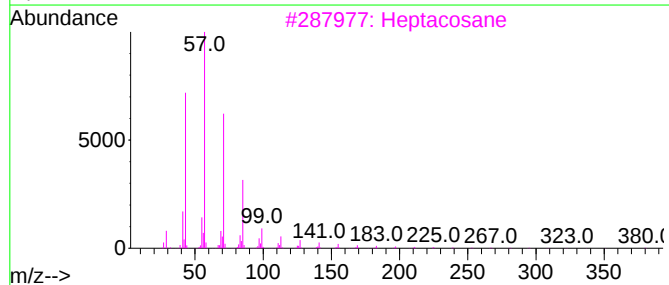
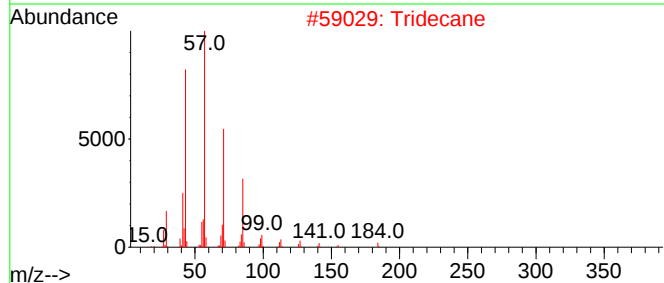
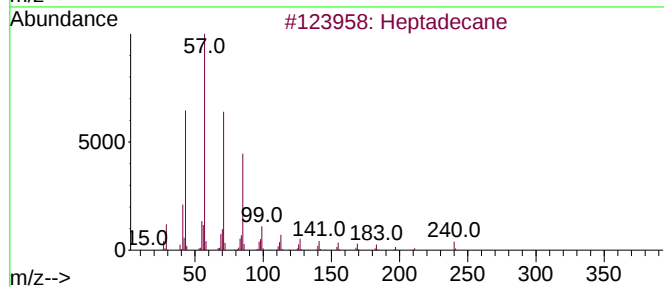
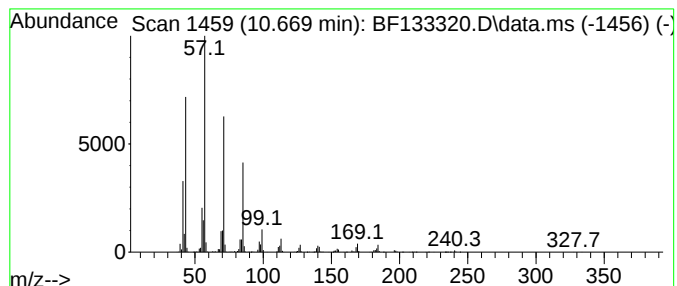
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.669	24.21 ng	1856070	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	95
2		Tridecane	184	C13H28	000629-50-5	94
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane	282	C20H42	000112-95-8	87
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
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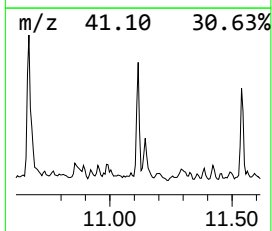
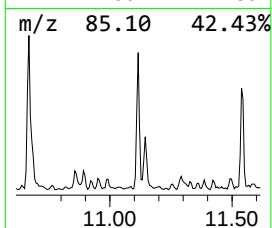
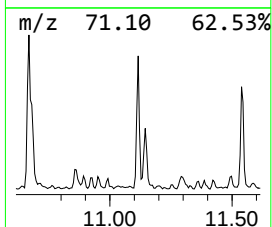
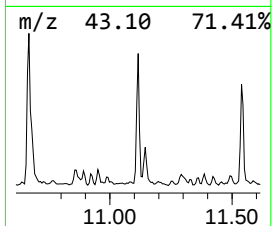
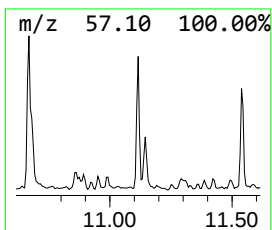
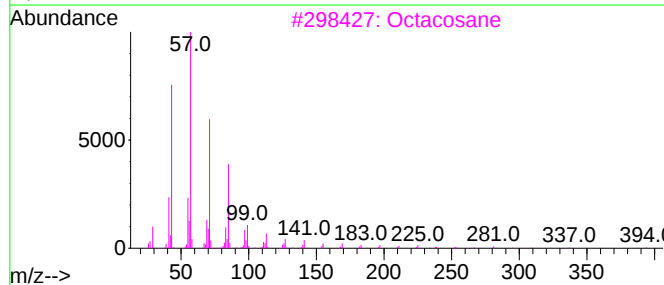
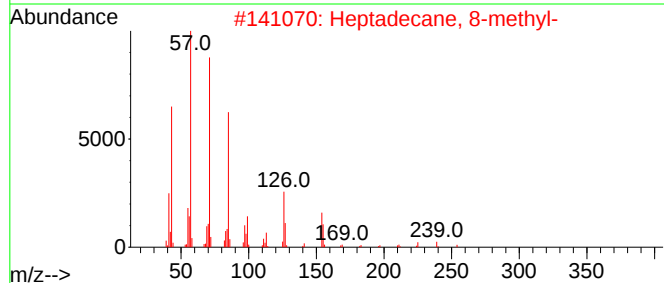
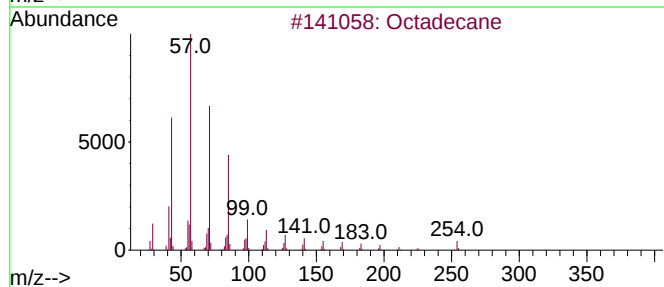
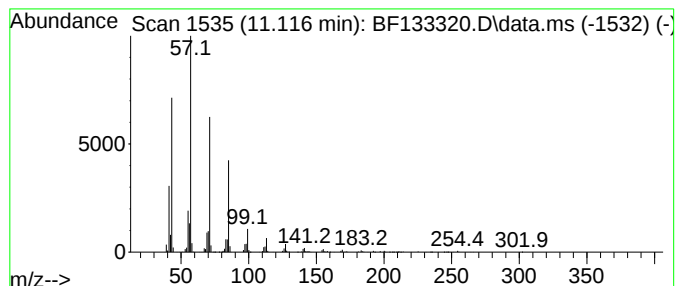
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	14.79 ng	1133470	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			Octacosane	394	C28H58	000630-02-4	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

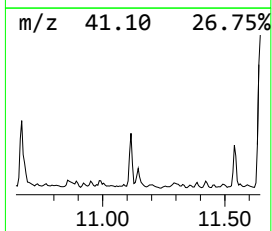
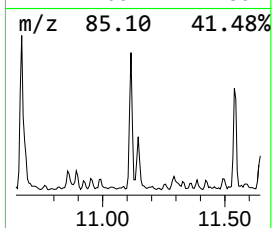
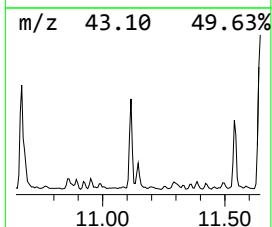
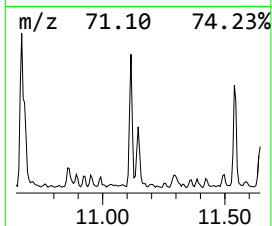
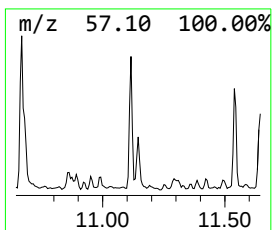
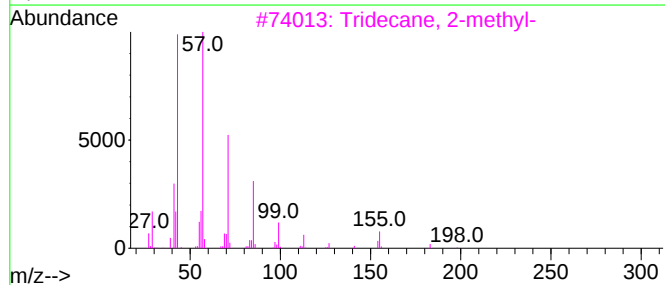
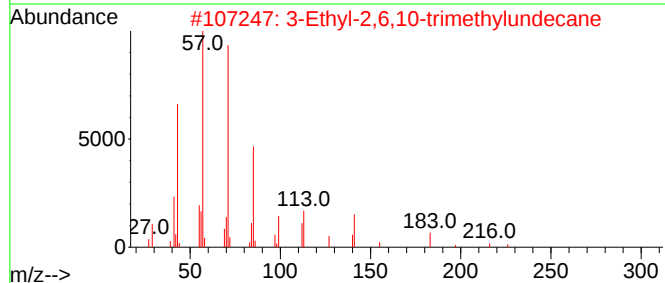
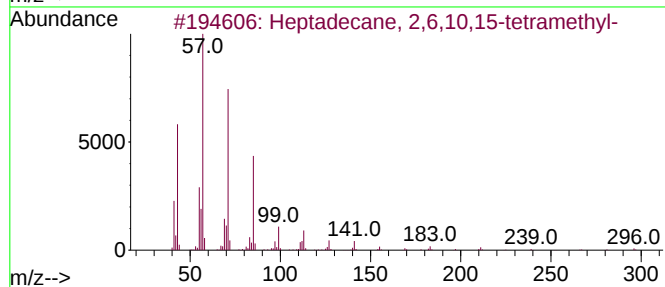
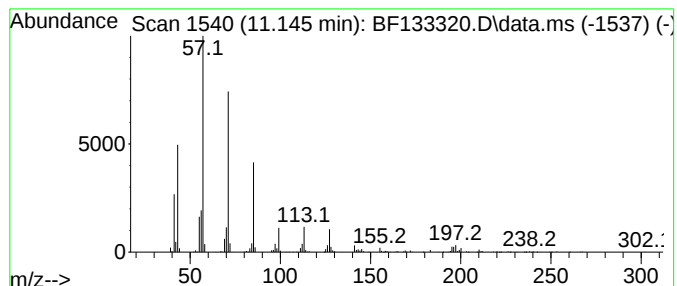
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ClientSampleId :
SU-02-050823

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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 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.145	8.07 ng	618553	Phenanthrene-d10	11.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-050823

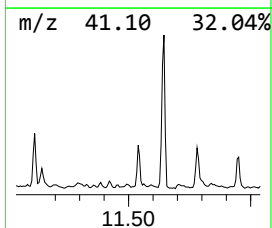
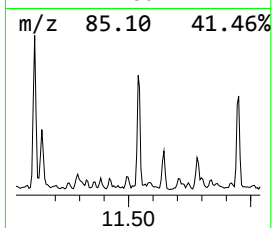
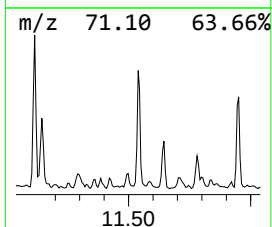
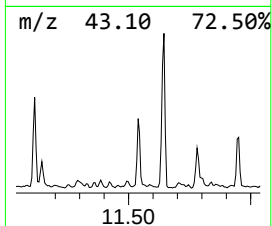
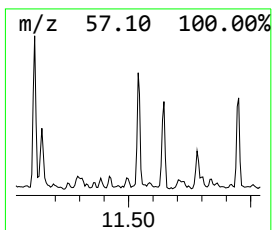
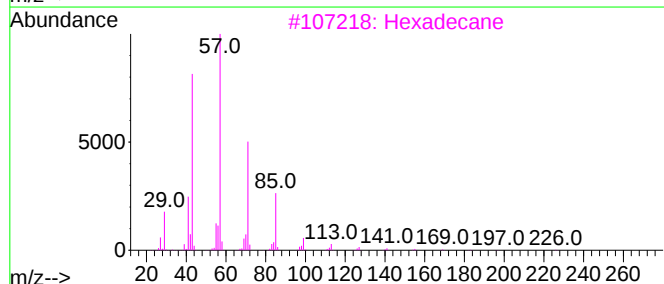
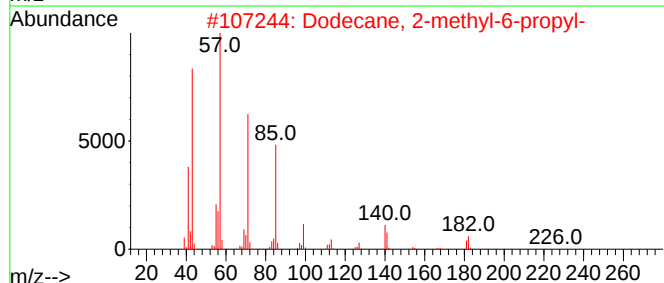
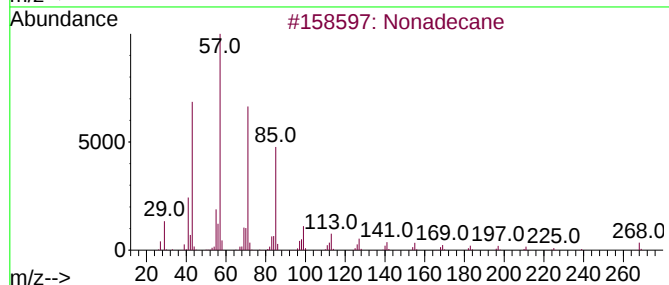
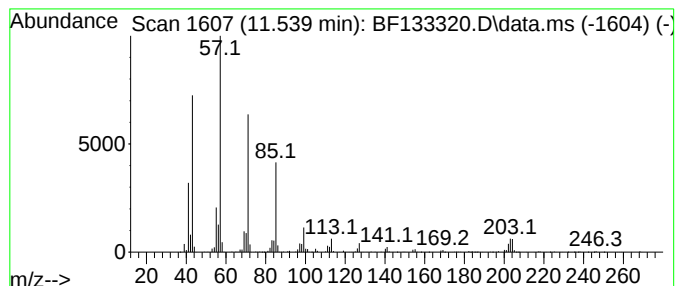
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	12.36 ng	947277	Phenanthrene-d10	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Hexadecane	226	C16H34	000544-76-3	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

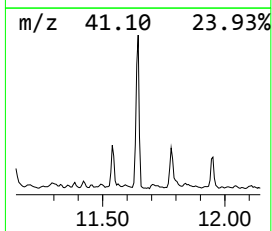
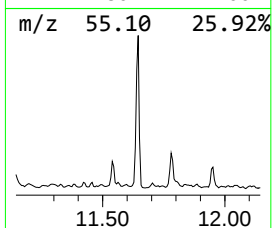
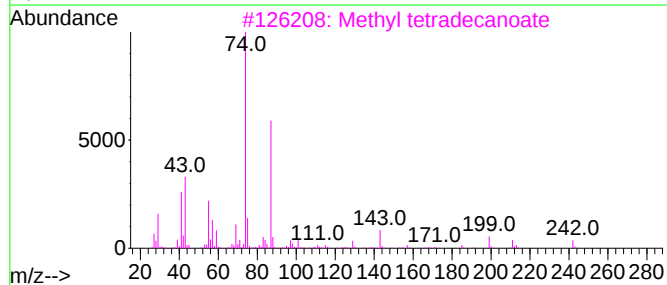
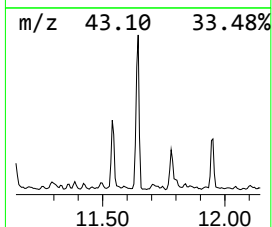
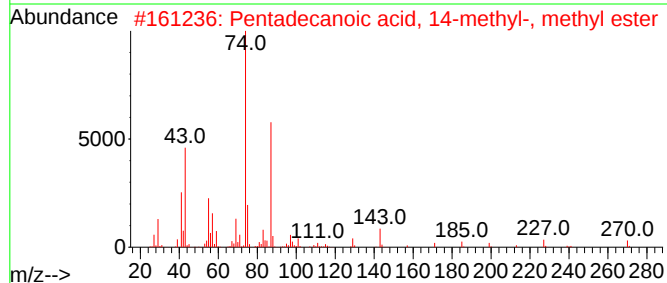
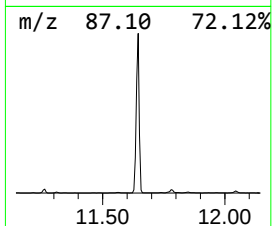
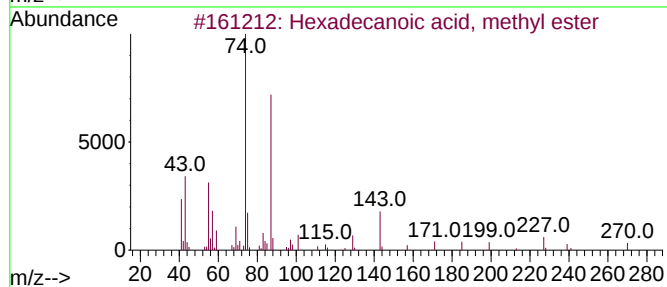
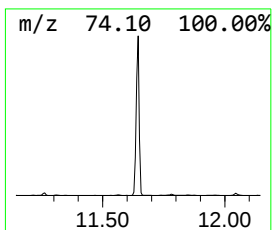
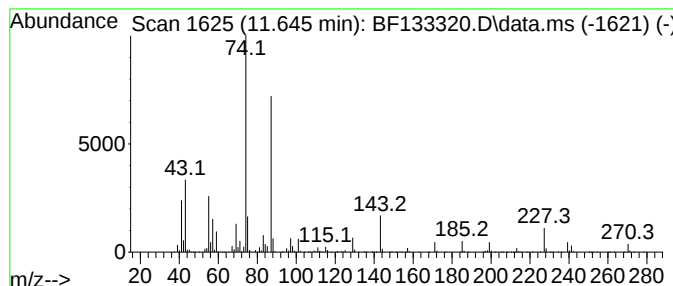
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.645	59.20 ng	4538250	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester		270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...		270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate		242	C15H30O2	000124-10-7	94
4	Hexadecanoic acid, 2-methyl-		270	C17H34O2	027147-71-3	83
5	Decanoic acid, methyl ester		186	C11H22O2	000110-42-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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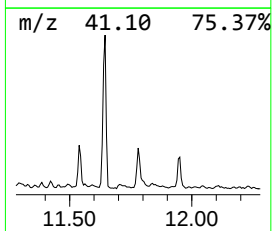
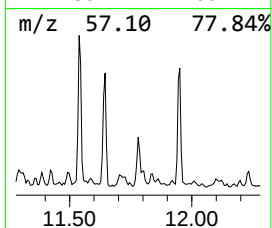
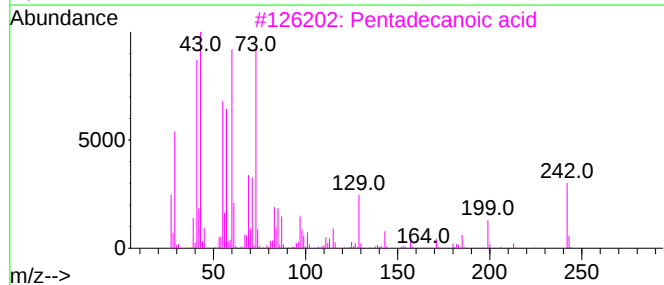
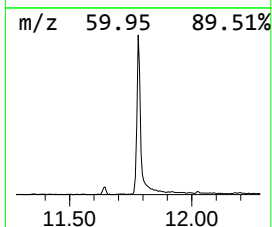
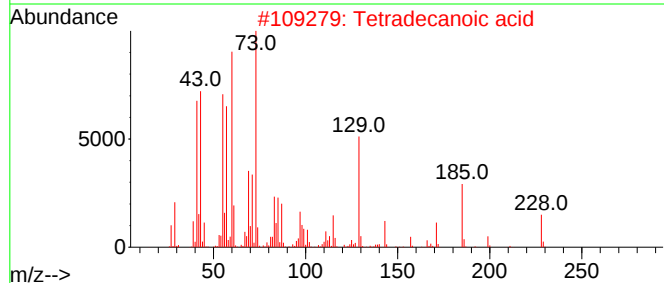
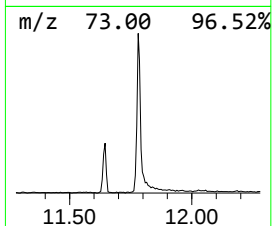
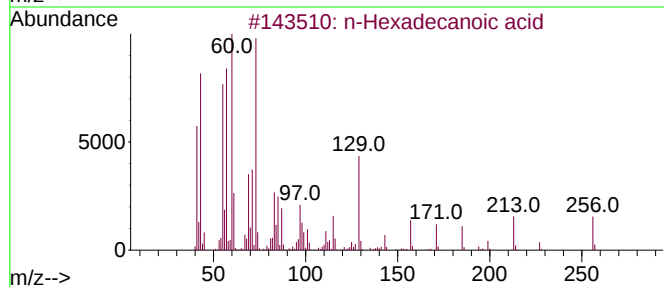
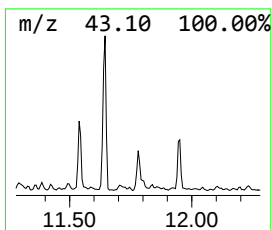
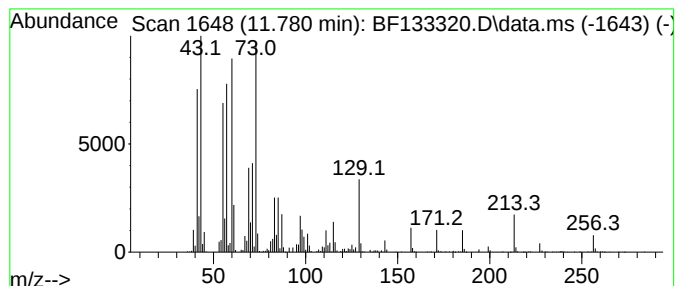
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	15.85 ng	1214960	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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Nonanoic acid	158	C9H18O2	000112-05-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

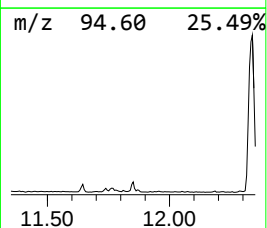
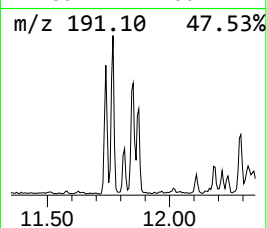
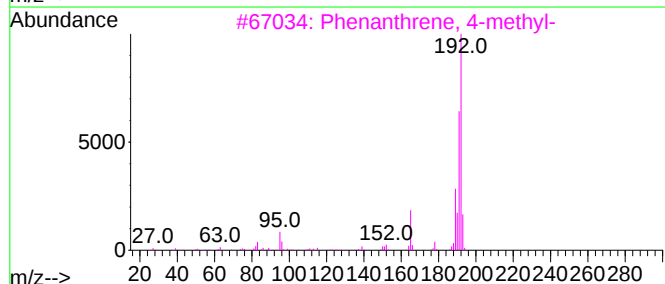
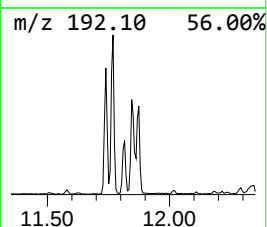
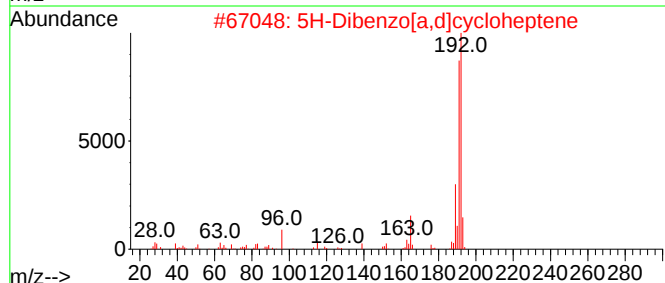
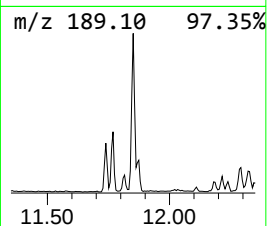
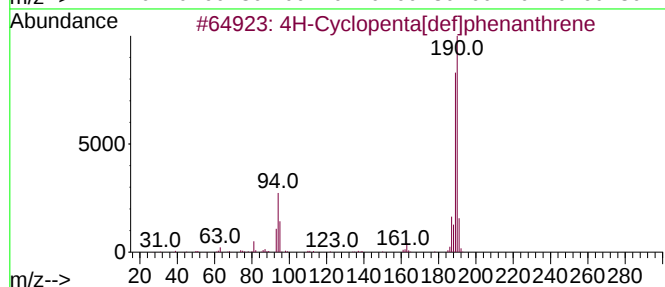
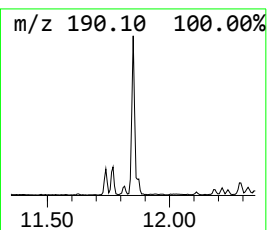
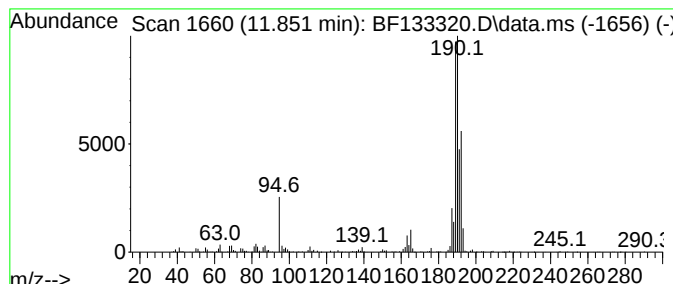
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.851	8.81 ng	675092	Phenanthrene-d10			11.239
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
2	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	22
3	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	20
4	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	20
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Sample : 02680-01
Misc :
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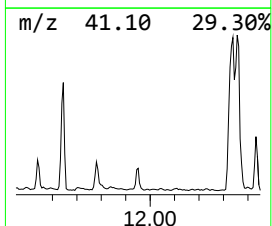
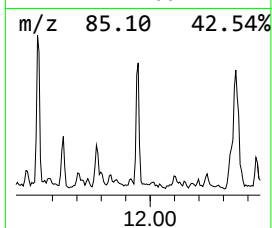
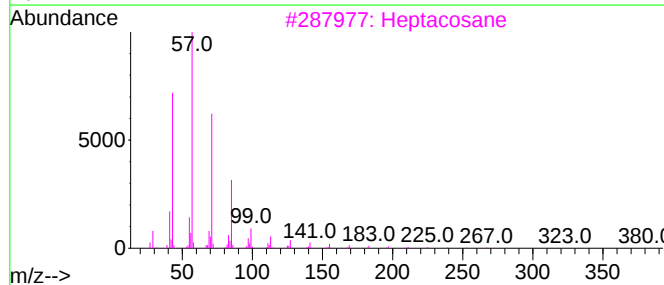
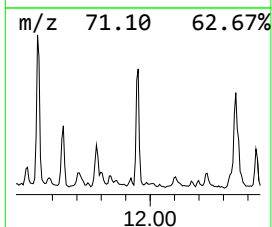
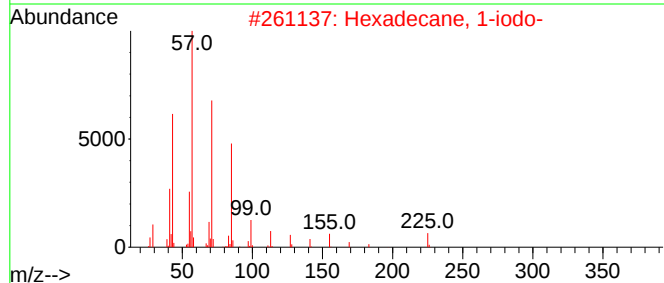
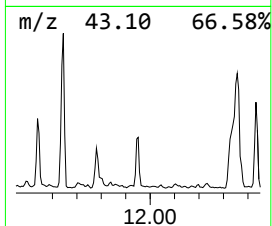
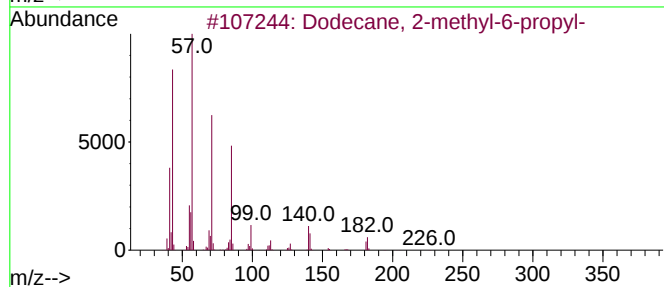
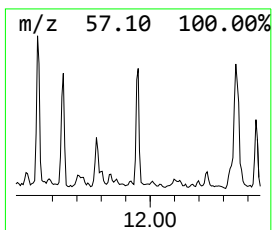
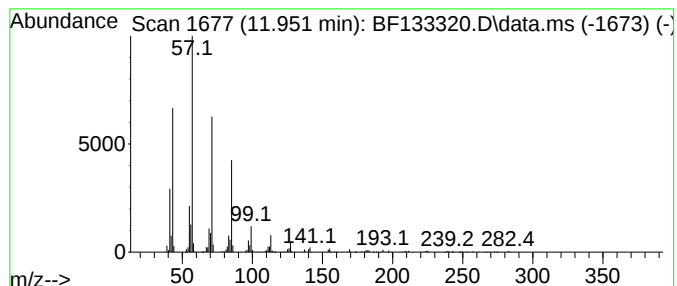
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.951	9.15 ng	701413	Phenanthrene-d10		11.239	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
2	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	91
3	Heptacosane		380	C27H56	000593-49-7	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Pentacosane		352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
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Acq On : 09 May 2023 16:39
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ALS Vial : 13 Sample Multiplier: 1

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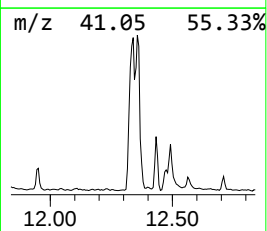
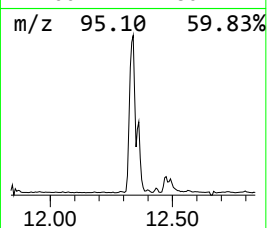
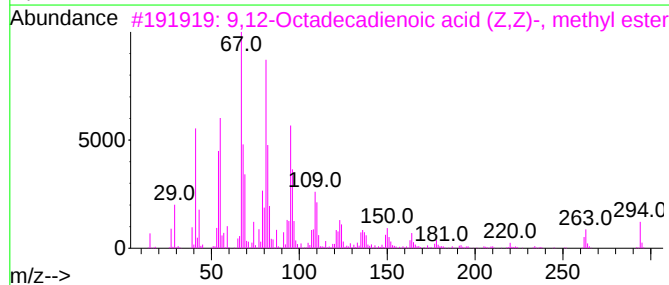
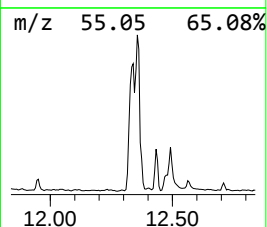
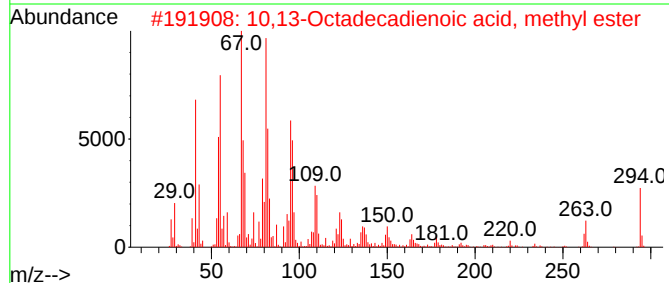
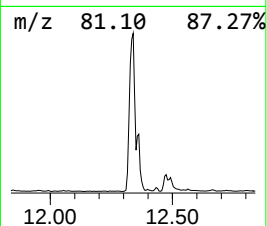
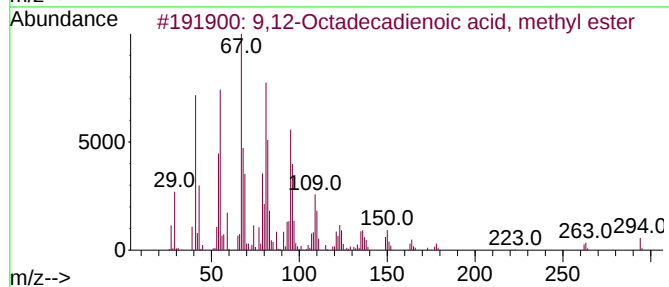
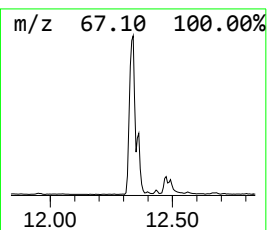
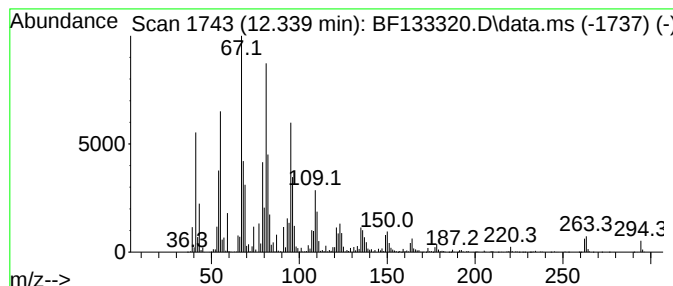
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	173.73 ng	13318000	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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-050823

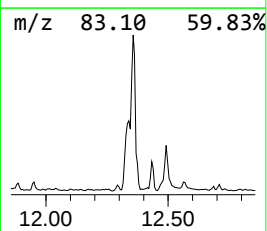
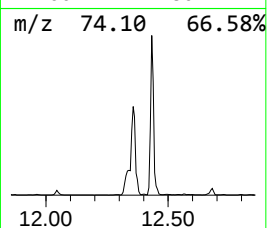
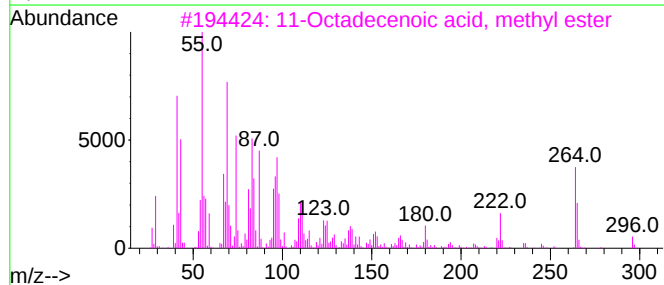
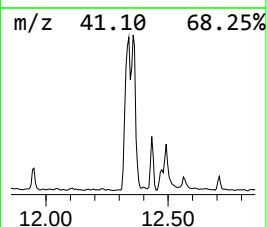
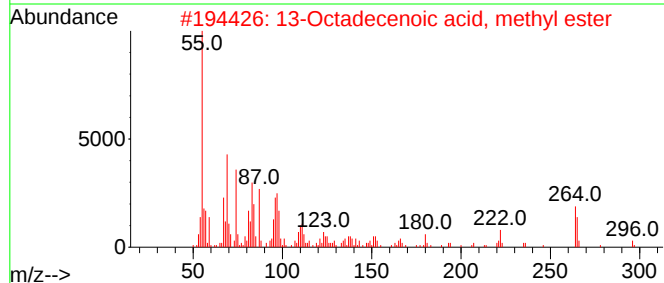
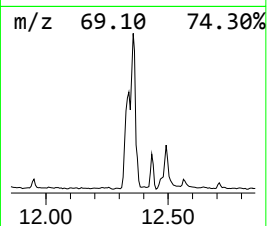
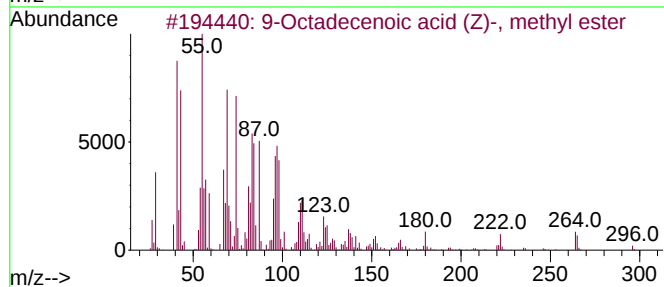
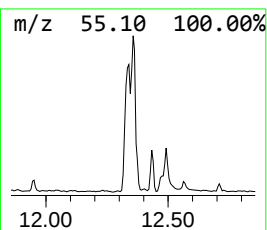
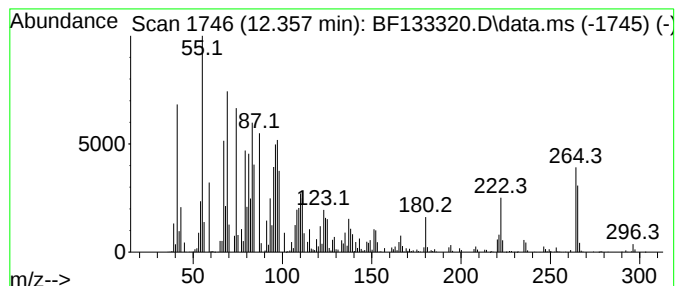
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	89.31 ng	6846810	Phenanthrene-d10	11.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	97
4		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	96
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-050823

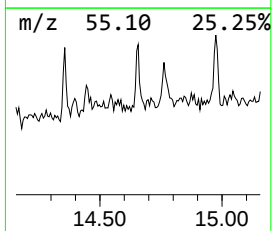
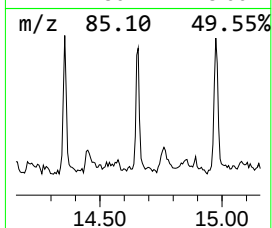
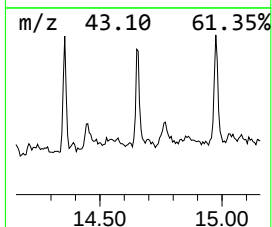
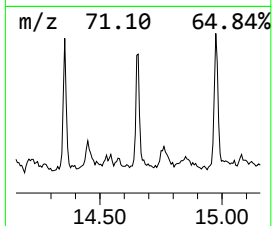
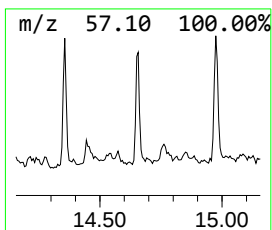
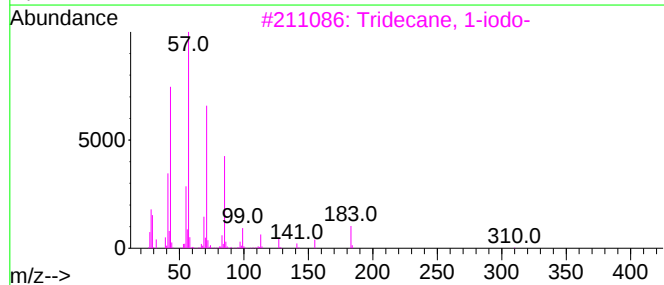
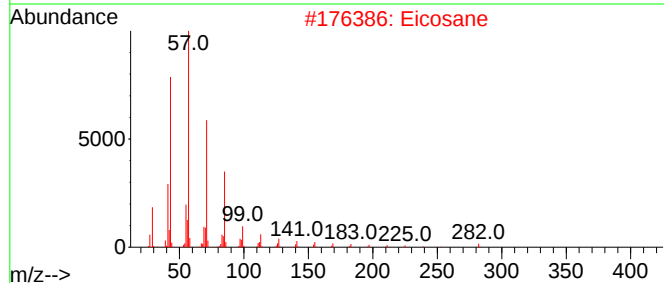
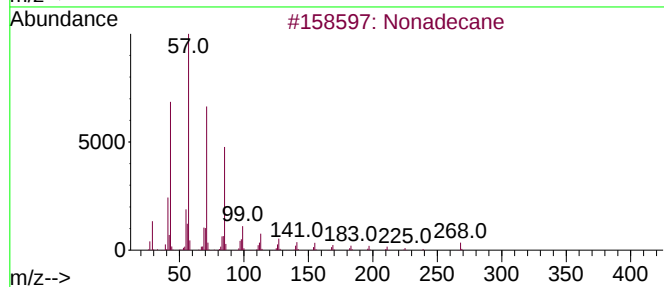
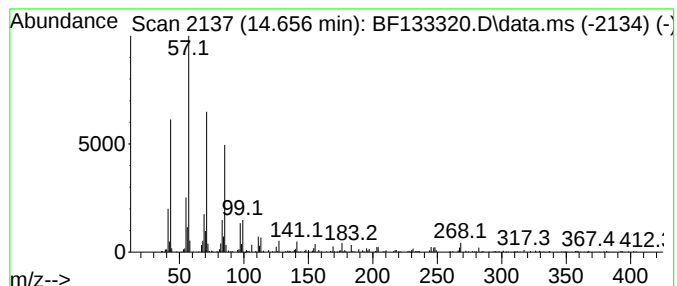
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.656	8.62 ng	431989	Perylene-d12	15.298

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	96
2		Eicosane	282	C20H42	000112-95-8	92
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-050823

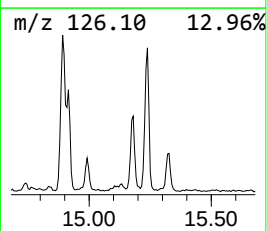
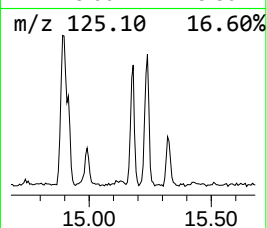
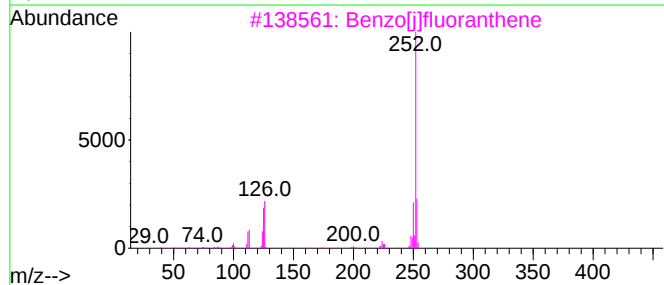
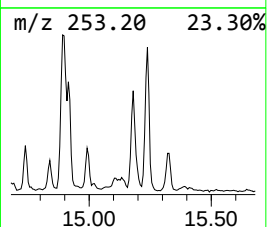
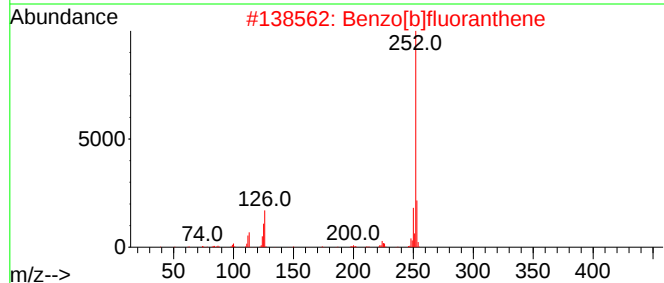
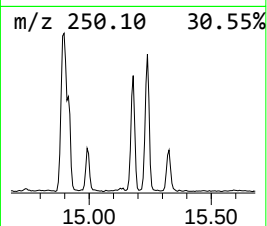
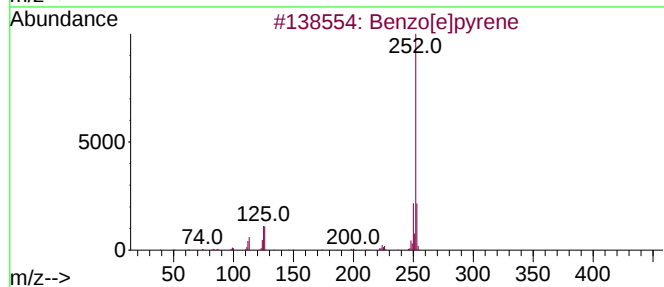
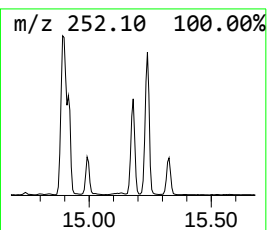
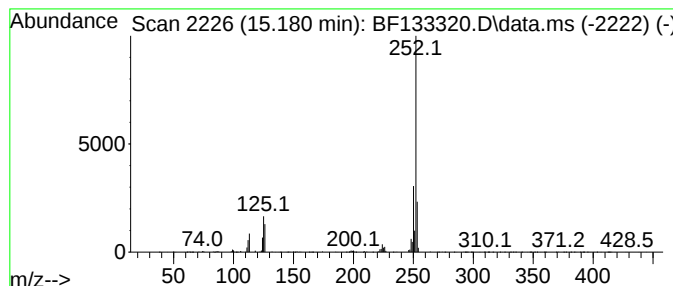
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	20.27 ng	1015600	Perylene-d12	15.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133320.D
Acq On : 09 May 2023 16:39
Operator : CG\JU
Sample : 02680-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-050823

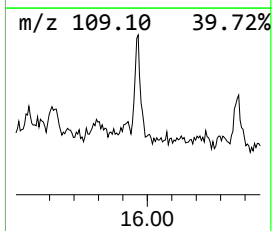
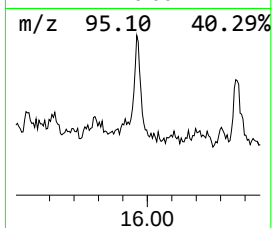
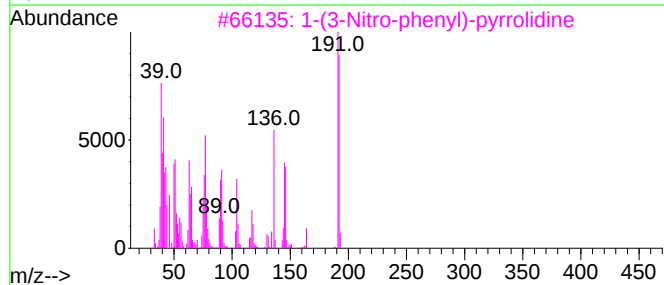
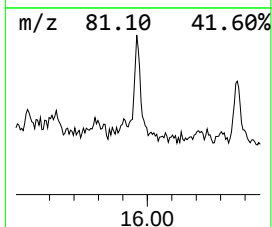
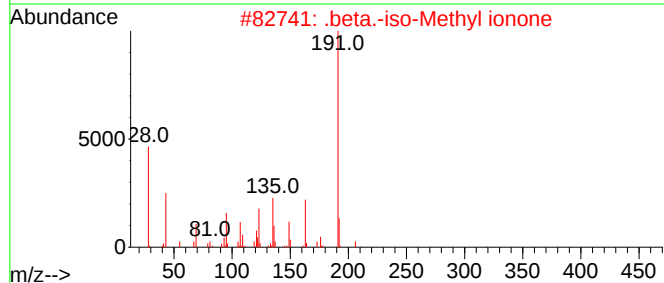
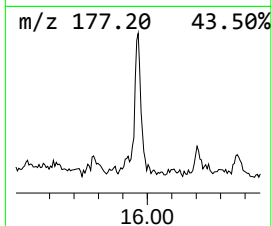
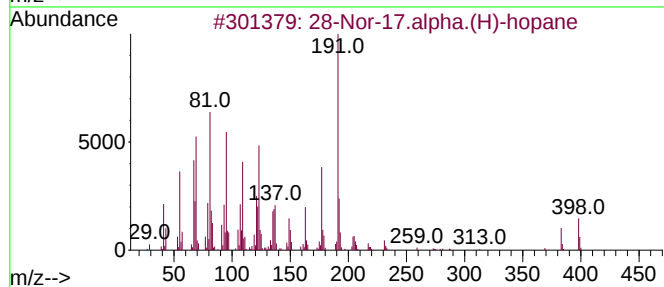
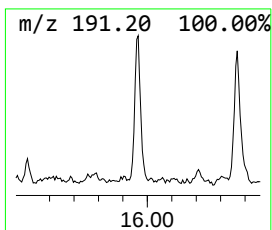
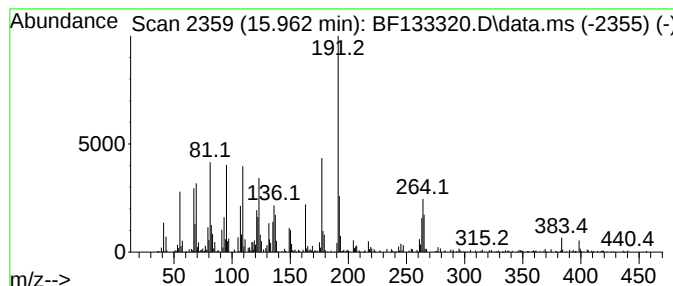
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.962	10.39 ng	520390	Perylene-d12	15.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	89
2			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
3			1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	30
4			Benzamide, 2-fluoro-5-trifluorom...	277	C13H15F4NO	1000437-12-9	25
5			Benzamide, 3-fluoro-4-trifluorom...	277	C13H15F4NO	1000437-17-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133320.D
 Acq On : 09 May 2023 16:39
 Operator : CG\JU
 Sample : 02680-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.904	22.9	ng	1383440	1	6.716	1207380	20.0
Tridecane	8.604	7.1	ng	700542	2	8.004	1962390	20.0
Tetradecane	9.169	9.7	ng	986904	3	9.757	2037660	20.0
Pentadecane	9.698	11.0	ng	1121440	3	9.757	2037660	20.0
Hexadecane	10.198	11.5	ng	1171440	3	9.757	2037660	20.0
Hexadecane, 3-m...	10.416	7.7	ng	781817	3	9.757	2037660	20.0
Benzophenone	10.469	8.7	ng	884020	3	9.757	2037660	20.0
Heptadecane	10.669	24.2	ng	1856070	4	11.239	1533220	20.0
Octadecane	11.116	14.8	ng	1133470	4	11.239	1533220	20.0
Heptadecane, 2,...	11.145	8.1	ng	618553	4	11.239	1533220	20.0
Nonadecane	11.539	12.4	ng	947277	4	11.239	1533220	20.0
Hexadecanoic ac...	11.645	59.2	ng	4538250	4	11.239	1533220	20.0
n-Hexadecanoic ...	11.780	15.9	ng	1214960	4	11.239	1533220	20.0
4H-Cyclopenta[d...	11.851	8.8	ng	675092	4	11.239	1533220	20.0
Dodecane, 2-met...	11.951	9.2	ng	701413	4	11.239	1533220	20.0
9,12-Octadecadi...	12.339	173.7	ng	13318000	4	11.239	1533220	20.0
9-Octadecenoic ...	12.357	89.3	ng	6846810	4	11.239	1533220	20.0
Eicosane	14.656	8.6	ng	431989	6	15.298	1002010	20.0
Benzo[e]pyrene	15.180	20.3	ng	1015600	6	15.298	1002010	20.0
28-Nor-17.alpha...	15.962	10.4	ng	520390	6	15.298	1002010	20.0