

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133729.D
 Acq On : 13 Jun 2023 14:13
 Operator : CG\JU
 Sample : 03093-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-3-06072023

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-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133729.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	498	502	512	rVB	24212	28016	1.33%	0.112%
2	5.446	566	571	574	rBV	1497503	1328022	63.16%	5.293%
3	6.463	739	744	747	rBV	1281660	1228208	58.41%	4.895%
4	6.834	803	807	813	rVB	609284	486671	23.14%	1.940%
5	7.369	892	898	899	rBV3	17131	26116	1.24%	0.104%
6	7.393	899	902	905	rVV	928918	761534	36.22%	3.035%
7	7.475	912	916	919	rBV5	30416	43470	2.07%	0.173%
8	7.534	919	926	929	rBV4	22307	39649	1.89%	0.158%
9	7.610	936	939	941	rBV2	39259	29653	1.41%	0.118%
10	7.793	967	970	973	rBV3	19757	26296	1.25%	0.105%
11	7.863	978	982	986	rBV5	19213	29236	1.39%	0.117%
12	7.987	1000	1003	1006	rBV3	21832	28776	1.37%	0.115%
13	8.069	1012	1017	1019	rBV4	25339	41440	1.97%	0.165%
14	8.116	1022	1025	1028	rVV	659419	517369	24.60%	2.062%
15	8.175	1032	1035	1037	rVB	164788	125102	5.95%	0.499%
16	8.204	1037	1040	1042	rBV3	39739	39913	1.90%	0.159%
17	8.228	1042	1044	1048	rVB3	27221	26801	1.27%	0.107%
18	8.269	1048	1051	1053	rBV2	26886	30390	1.45%	0.121%
19	8.322	1057	1060	1062	rVB2	49839	43361	2.06%	0.173%
20	8.404	1067	1074	1081	rBV6	80330	147070	6.99%	0.586%
21	8.457	1081	1083	1087	rVV3	43650	47420	2.26%	0.189%
22	8.492	1087	1089	1093	rVB4	34813	40929	1.95%	0.163%
23	8.534	1093	1096	1098	rBV	222704	173650	8.26%	0.692%
24	8.622	1109	1111	1113	rVB2	37406	29029	1.38%	0.116%
25	8.657	1113	1117	1119	rBV4	49105	58630	2.79%	0.234%
26	8.704	1122	1125	1129	rVV	133075	128189	6.10%	0.511%
27	8.739	1129	1131	1134	rVV4	36504	56927	2.71%	0.227%
28	8.804	1138	1142	1144	rVB3	74756	84526	4.02%	0.337%
29	8.892	1154	1157	1160	rBV5	26934	41812	1.99%	0.167%
30	8.928	1160	1163	1167	rVB4	26100	37648	1.79%	0.150%
31	8.992	1171	1174	1177	rBV5	42252	60593	2.88%	0.241%
32	9.022	1177	1179	1183	rVB2	52027	54101	2.57%	0.216%
33	9.069	1183	1187	1191	rBV5	32547	35537	1.69%	0.142%
34	9.110	1191	1194	1196	rBV	40221	31651	1.51%	0.126%
35	9.134	1196	1198	1204	rVB	239244	193937	9.22%	0.773%
36	9.192	1204	1208	1211	rBV	1517290	1188143	56.50%	4.735%

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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-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.269	1218	1221	1226	rBV	220351	215016	10.23%	0.857%
38	9.387	1239	1241	1245	rVB3	40896	38039	1.81%	0.152%
39	9.457	1249	1253	1256	rVB2	79563	97750	4.65%	0.390%
40	9.528	1263	1265	1267	rBV	95591	78544	3.74%	0.313%
41	9.557	1267	1270	1272	rVV2	74237	66043	3.14%	0.263%
42	9.592	1272	1276	1278	rVV	251814	221692	10.54%	0.884%
43	9.616	1278	1280	1283	rVB4	42415	39460	1.88%	0.157%
44	9.651	1283	1286	1289	rBV3	51571	51301	2.44%	0.204%
45	9.739	1297	1301	1304	rVB4	40058	42932	2.04%	0.171%
46	9.781	1304	1308	1309	rBV3	43892	43480	2.07%	0.173%
47	9.798	1309	1311	1316	rVB	186050	166301	7.91%	0.663%
48	9.869	1320	1323	1326	rVB	524062	448174	21.31%	1.786%
49	9.975	1338	1341	1346	rVB3	50910	63642	3.03%	0.254%
50	10.028	1346	1350	1353	rVV4	29957	56927	2.71%	0.227%
51	10.063	1353	1356	1360	rVV2	74414	115593	5.50%	0.461%
52	10.116	1362	1365	1371	rVV4	75105	122377	5.82%	0.488%
53	10.186	1374	1377	1380	rVV	49368	48910	2.33%	0.195%
54	10.281	1389	1393	1394	rBV3	41170	41691	1.98%	0.166%
55	10.298	1394	1396	1399	rVB	170942	141700	6.74%	0.565%
56	10.369	1404	1408	1412	rVB6	21967	38316	1.82%	0.153%
57	10.416	1413	1416	1418	rBV3	22040	27279	1.30%	0.109%
58	10.522	1429	1434	1440	rVB	86087	108791	5.17%	0.434%
59	10.586	1440	1445	1447	rBV2	83585	85720	4.08%	0.342%
60	10.663	1454	1458	1461	rVB	924410	795789	37.85%	3.172%
61	10.692	1461	1463	1469	rVB6	16452	27313	1.30%	0.109%
62	10.775	1474	1477	1486	rVB	153821	204471	9.72%	0.815%
63	11.222	1550	1553	1556	rBV	106630	94238	4.48%	0.376%
64	11.251	1556	1558	1564	rVB2	58586	69789	3.32%	0.278%
65	11.363	1573	1577	1579	rBV	657532	554418	26.37%	2.210%
66	11.386	1579	1581	1584	rVB	166280	135977	6.47%	0.542%
67	11.469	1592	1595	1598	rBV	28903	29955	1.42%	0.119%
68	11.592	1610	1616	1621	rBV3	45286	69644	3.31%	0.278%
69	11.651	1623	1626	1629	rBV	104888	86776	4.13%	0.346%
70	11.751	1640	1643	1647	rBV	548713	452500	21.52%	1.803%
71	11.892	1663	1667	1675	rBV	615736	564776	26.86%	2.251%
72	11.975	1678	1681	1683	rVV2	35357	35139	1.67%	0.140%
73	12.063	1692	1696	1700	rBV2	100917	98036	4.66%	0.391%
74	12.186	1714	1717	1720	rVB	82613	80186	3.81%	0.320%
75	12.416	1753	1756	1757	rBV	30187	29441	1.40%	0.117%
76	12.445	1757	1761	1763	rVV	2246585	2102726	100.00%	8.380%

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77	12.463	1763	1764	1775	rVB3	1416311	1313312	62.46%	5.234%
78	12.551	1775	1779	1781	rBV	332023	291577	13.87%	1.162%
79	12.580	1781	1784	1787	rVV2	924253	1191964	56.69%	4.751%
80	12.604	1787	1788	1797	rVV2	510563	566400	26.94%	2.257%
81	12.680	1798	1801	1807	rVB	243224	239058	11.37%	0.953%
82	12.810	1817	1823	1828	rVB	470116	556288	26.46%	2.217%
83	12.951	1843	1847	1854	rVB	1752241	1613116	76.72%	6.429%
84	13.180	1883	1886	1888	rBV	131840	106668	5.07%	0.425%
85	13.386	1919	1921	1927	rVB6	34965	38538	1.83%	0.154%
86	13.527	1941	1945	1948	rBV	151020	150905	7.18%	0.601%
87	13.645	1962	1965	1969	rBV	95366	90338	4.30%	0.360%
88	13.757	1981	1984	1987	rBV2	55157	52956	2.52%	0.211%
89	13.851	1997	2000	2009	rVB	437039	459865	21.87%	1.833%
90	14.010	2022	2027	2029	rBV2	701636	758126	36.05%	3.021%
91	14.033	2029	2031	2034	rVB	313243	226996	10.80%	0.905%
92	14.174	2052	2055	2057	rBV	220219	185353	8.81%	0.739%
93	14.480	2103	2107	2112	rBV	314814	383487	18.24%	1.528%
94	14.786	2156	2159	2162	rBV	185180	174202	8.28%	0.694%
95	15.045	2200	2203	2207	rBV2	216527	344410	16.38%	1.373%
96	15.121	2213	2216	2220	rVB	333353	366907	17.45%	1.462%
97	15.351	2252	2255	2259	rVB	116361	120819	5.75%	0.482%
98	15.410	2262	2265	2272	rVB	134053	176766	8.41%	0.704%
99	15.474	2272	2276	2279	rBV	299444	375172	17.84%	1.495%
100	15.939	2352	2355	2360	rVB	169553	227323	10.81%	0.906%

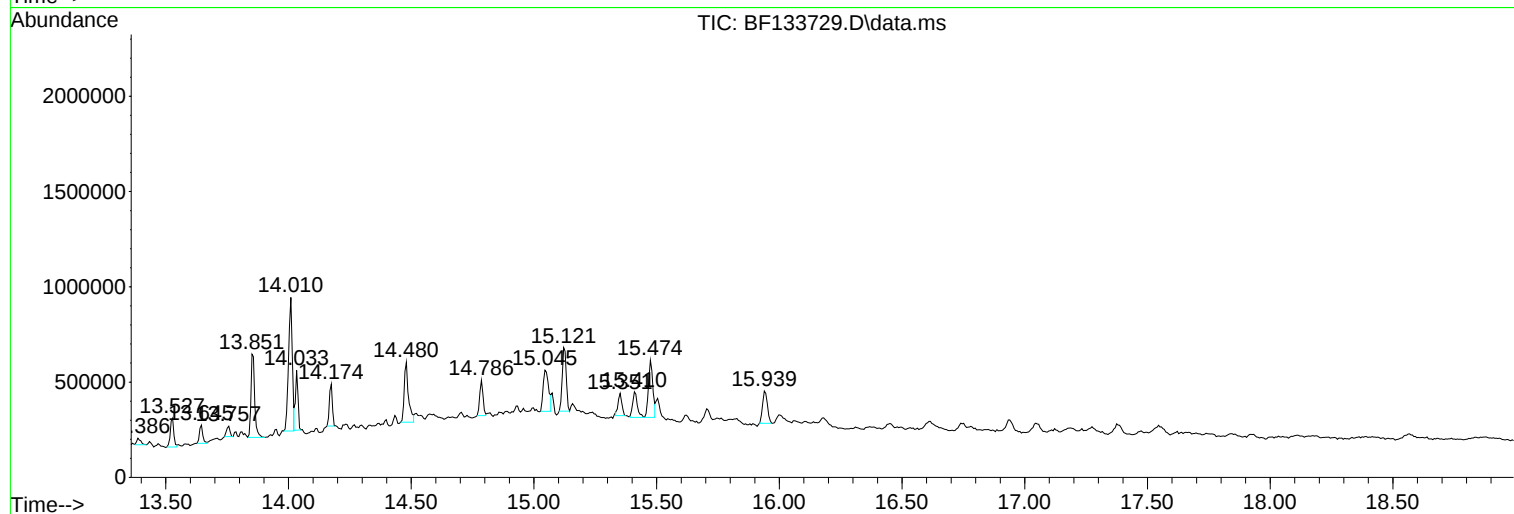
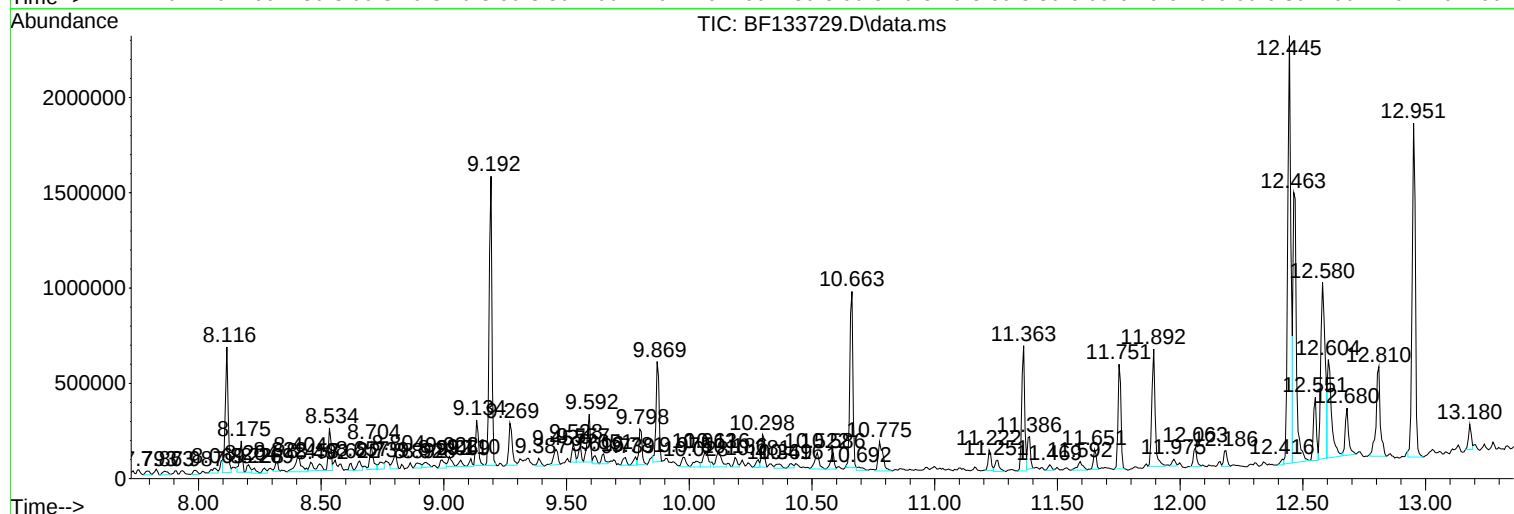
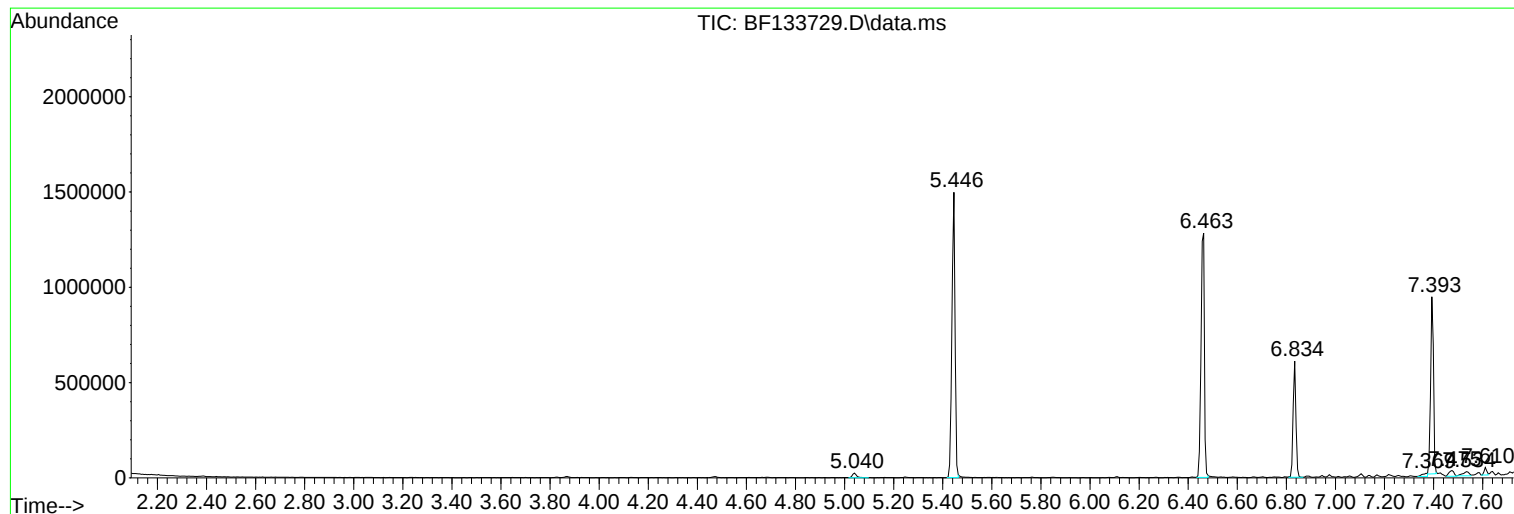
Sum of corrected areas: 25091213

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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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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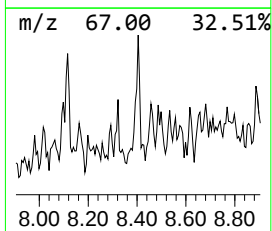
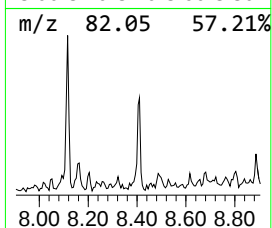
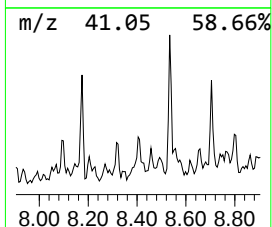
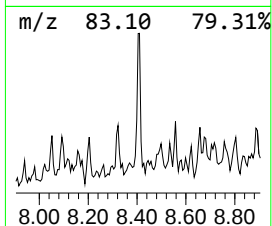
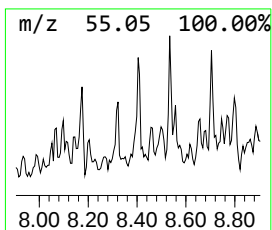
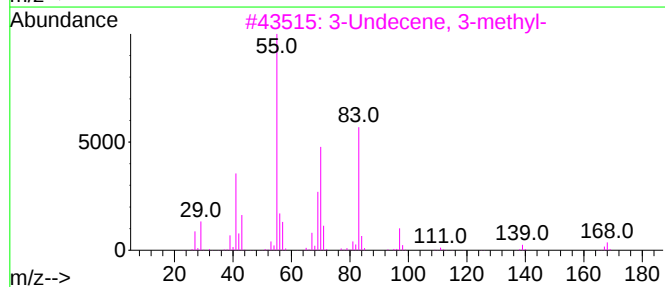
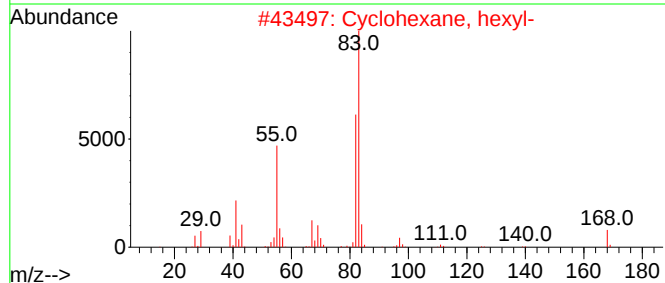
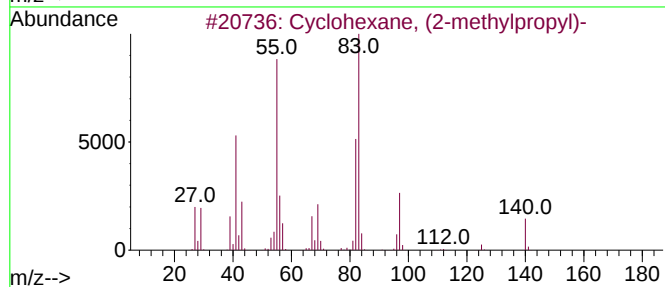
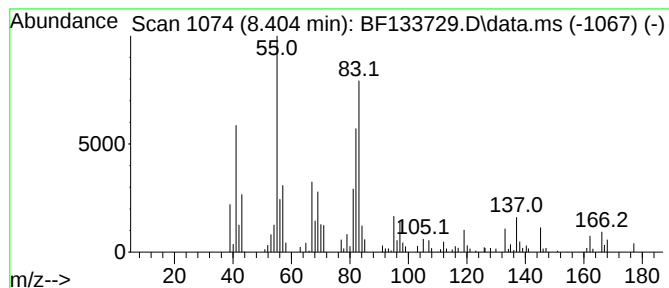
Instrument :
BNA_F
ClientSampleId :
SU-3-06072023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.404	5.69 ng	147070	Naphthalene-d8	8.116	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	53
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
3	3-Undecene, 3-methyl-	168	C12H24	023381-94-4	50
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47



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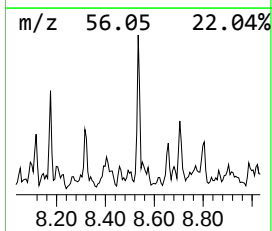
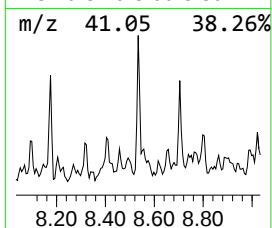
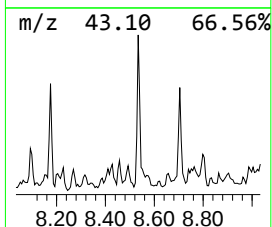
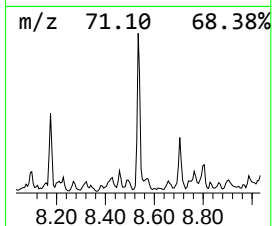
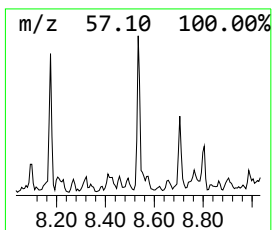
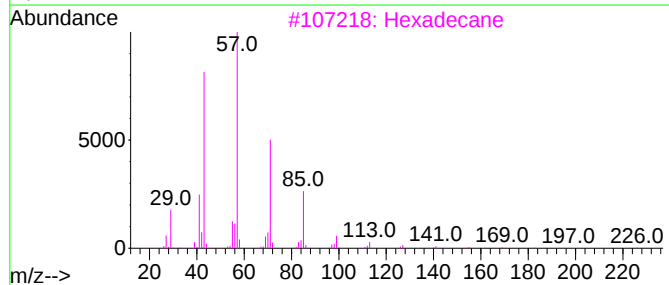
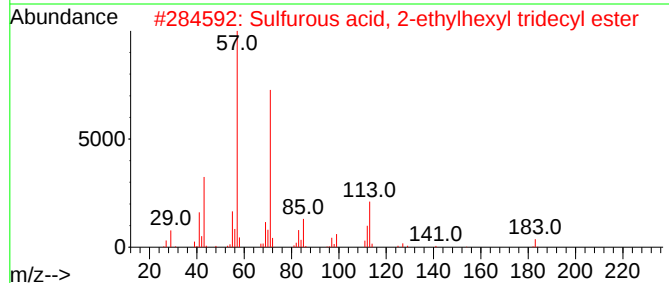
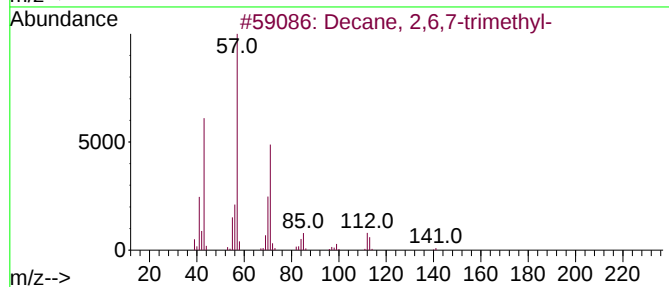
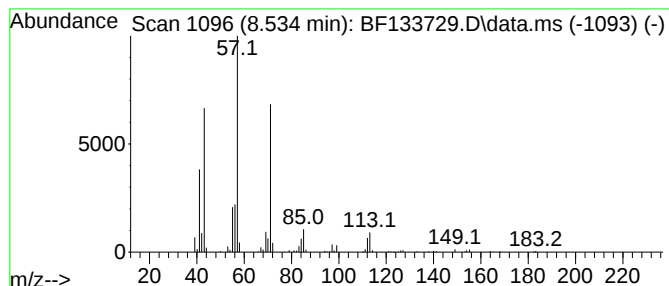
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.534	6.71 ng	173650	Naphthalene-d8	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
3			Hexadecane	226	C16H34	000544-76-3	64
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	53



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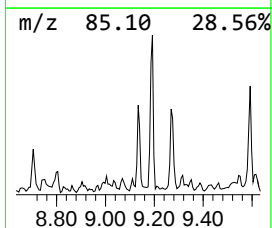
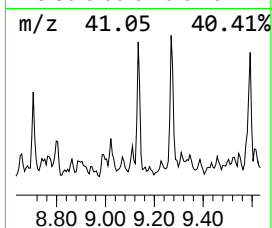
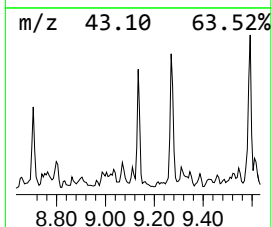
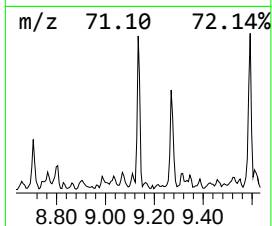
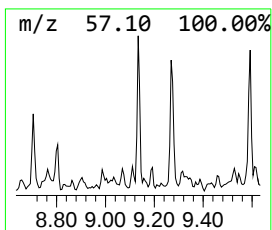
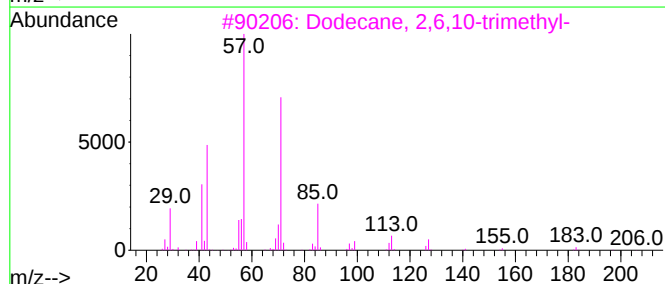
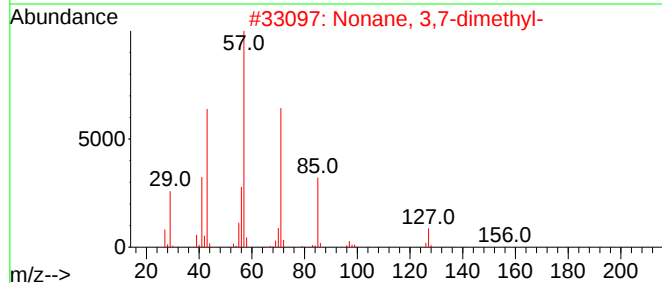
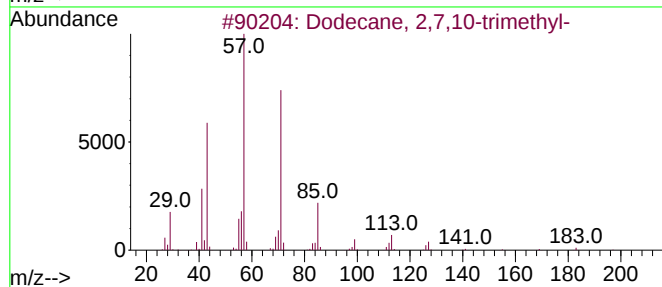
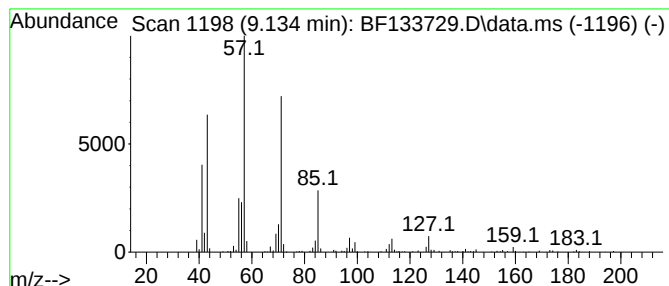
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.134	8.65 ng	193937	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-06072023

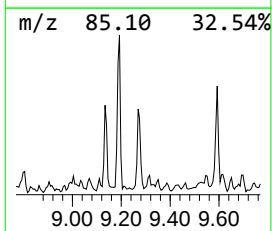
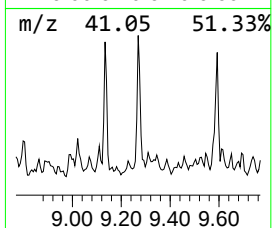
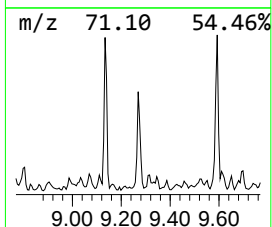
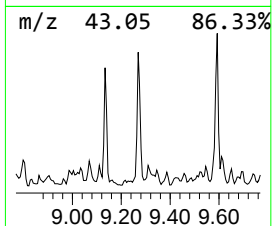
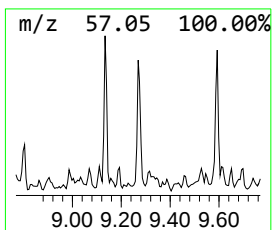
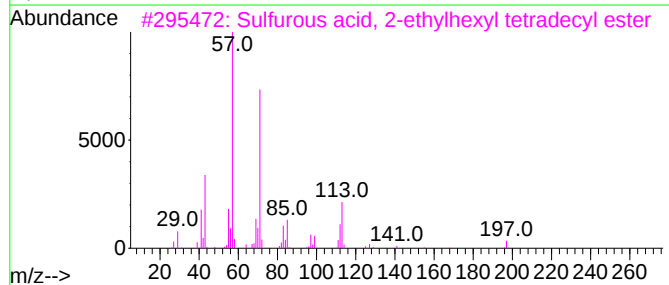
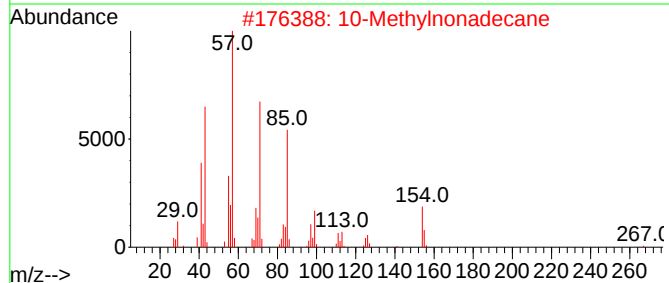
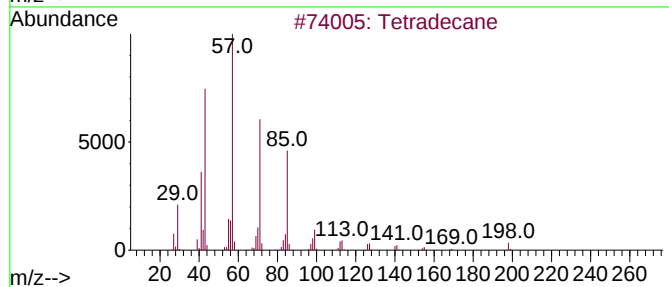
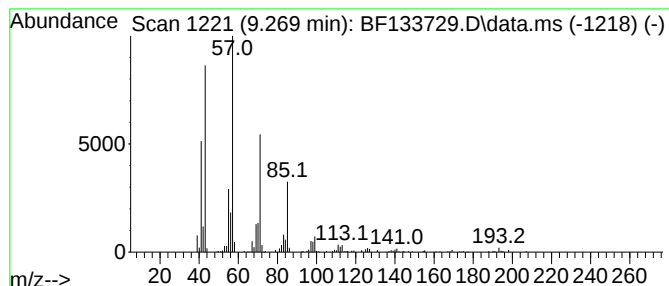
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	9.60 ng	215016	Acenaphthene-d10	9.869

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	90
3		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
5		Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
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Misc :
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Instrument :
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ClientSampleId :
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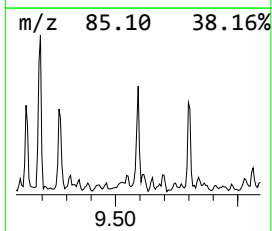
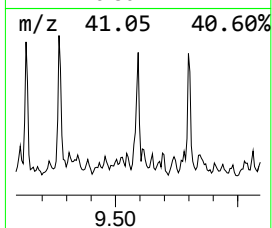
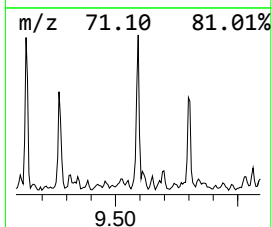
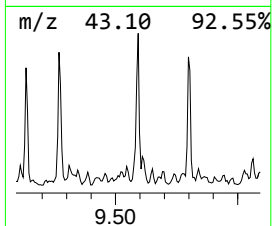
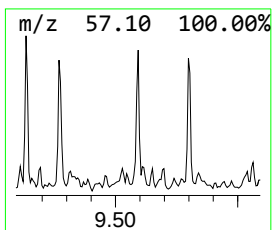
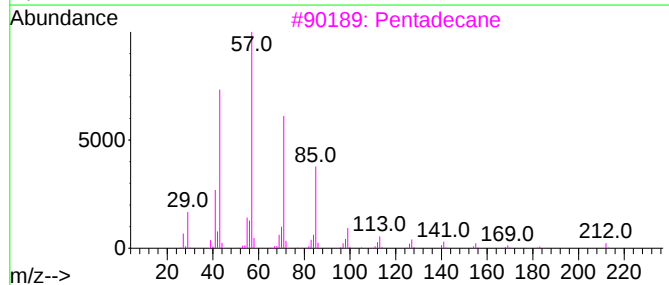
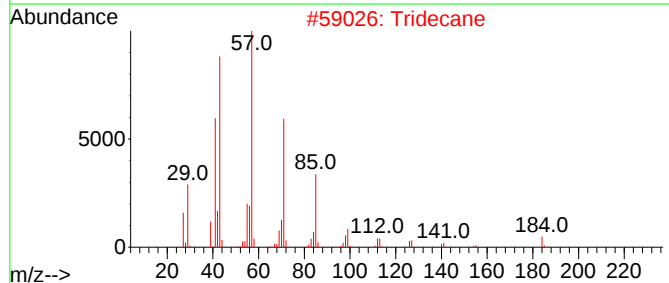
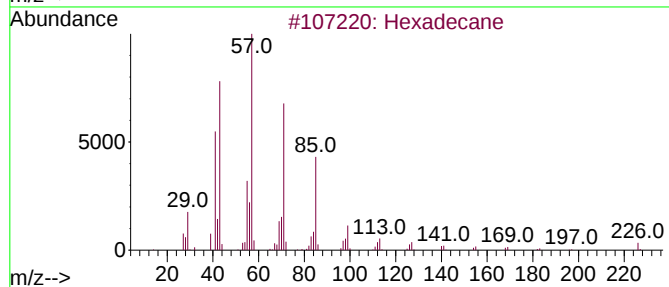
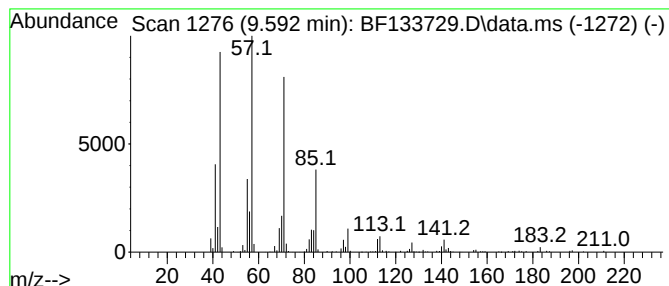
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	9.89 ng	221692	Acenaphthene-d10	9.869

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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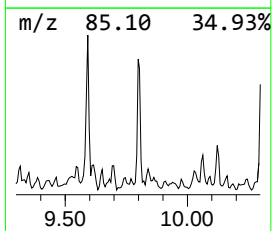
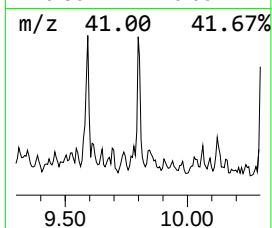
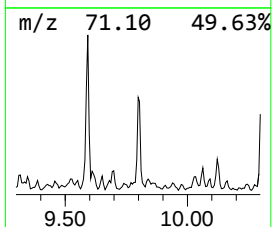
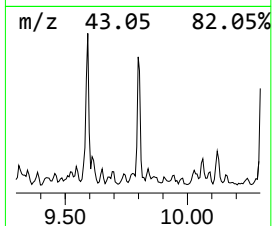
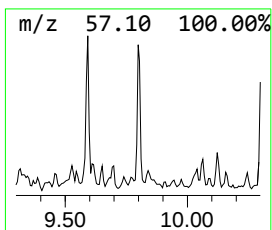
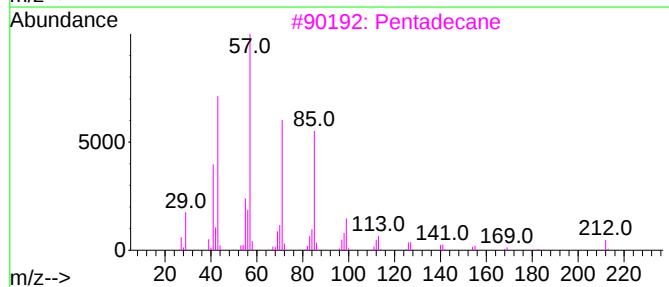
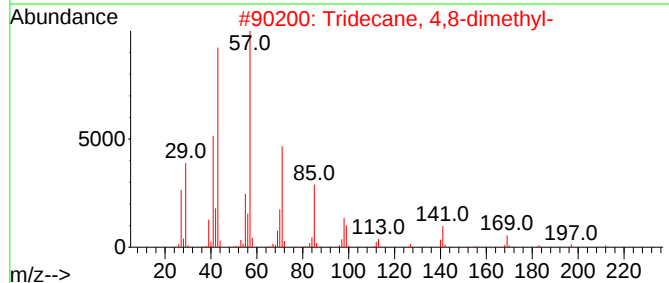
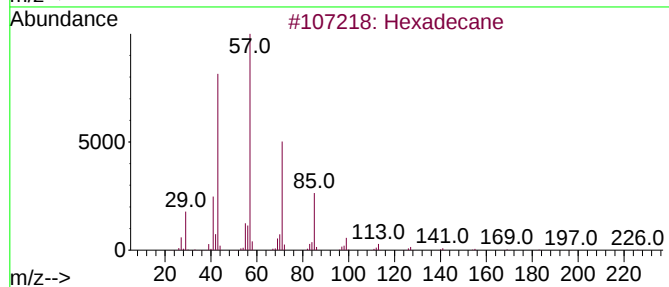
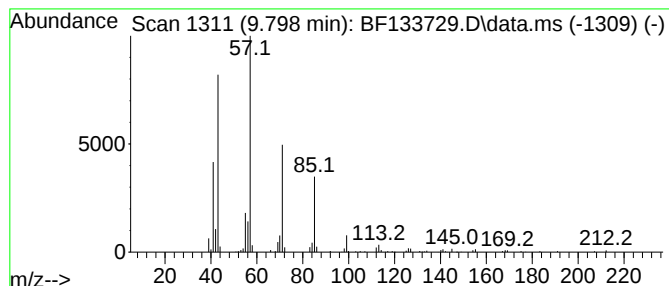
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane, 4,8-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	7.42 ng	166301	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
3			Pentadecane	212	C15H32	000629-62-9	81
4			Undecane, 2-methyl-	170	C12H26	007045-71-8	78
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
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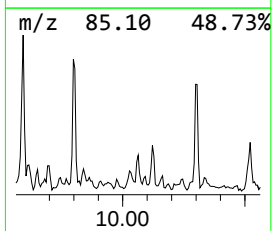
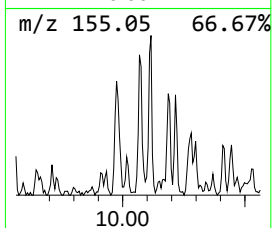
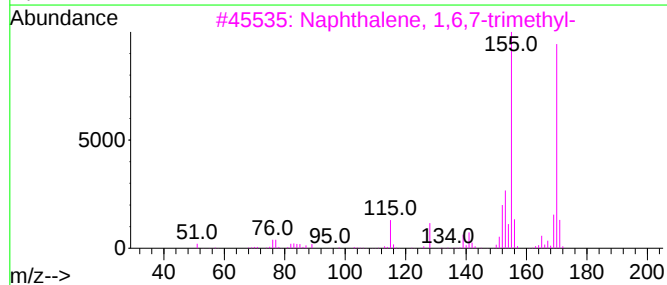
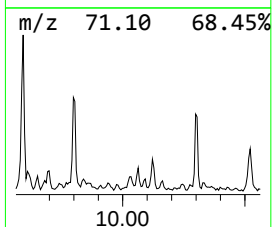
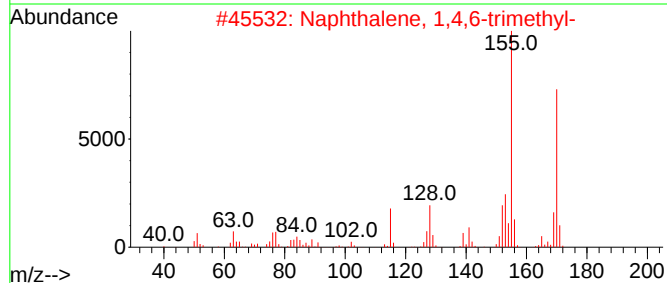
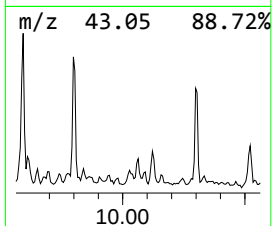
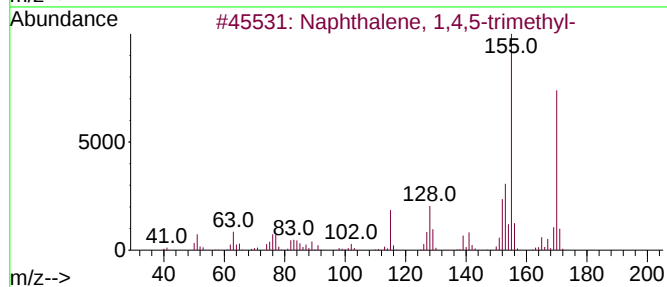
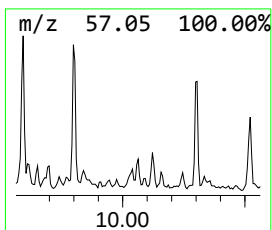
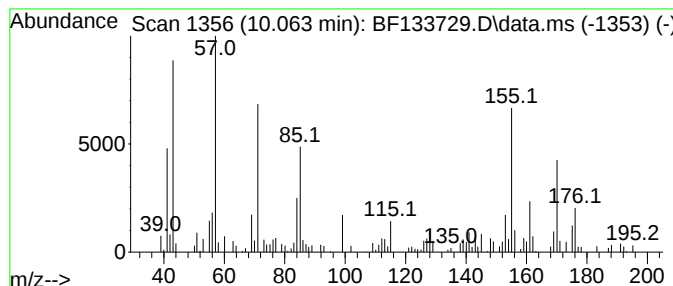
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,4,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.063	5.16 ng	115593	Acenaphthene-d10	9.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	80
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
4	Dodecane	170	C12H26	000112-40-3	45
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
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Instrument :
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ClientSampleId :
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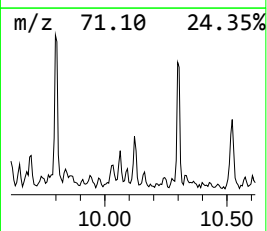
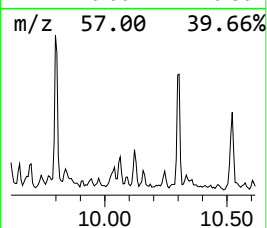
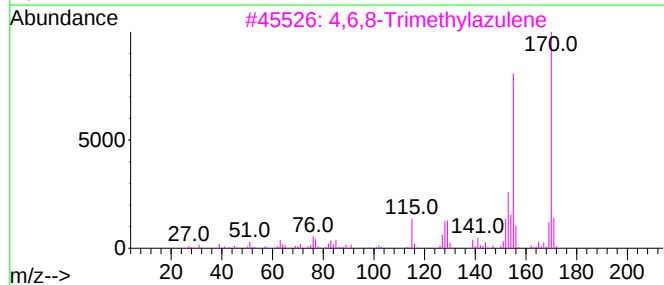
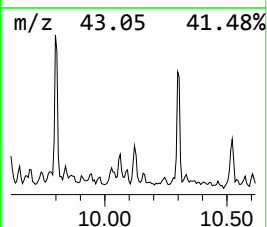
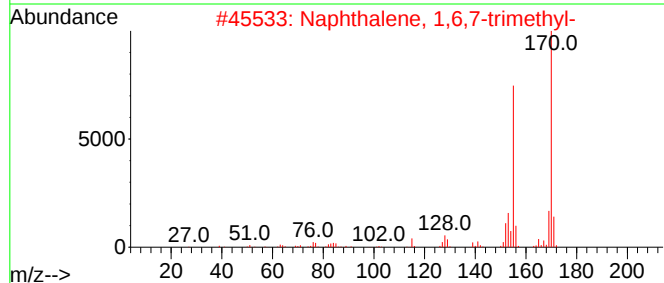
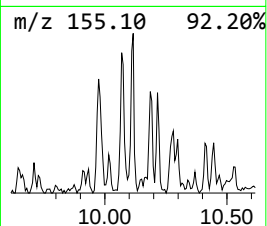
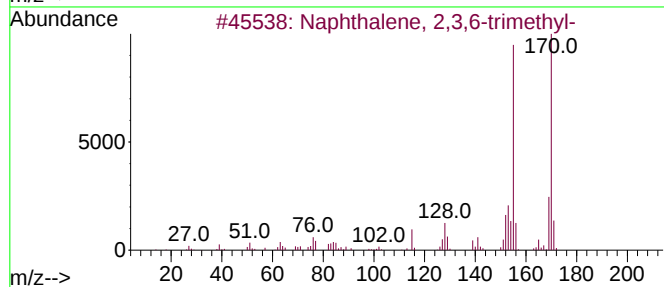
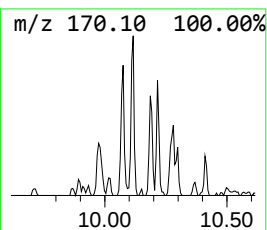
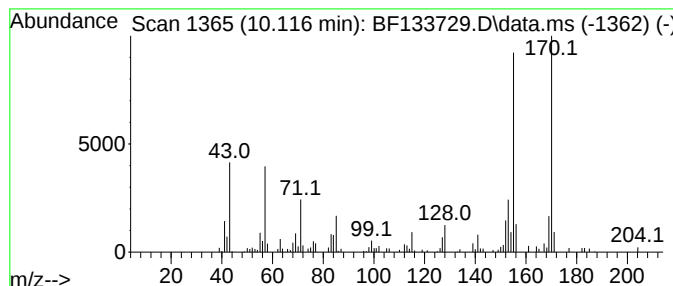
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	5.46 ng	122377	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
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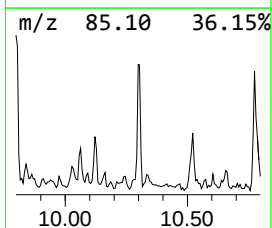
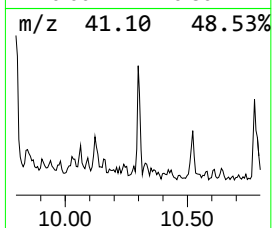
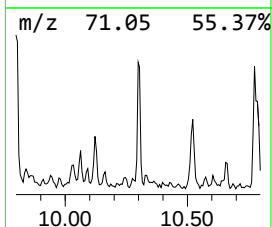
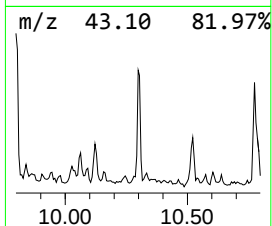
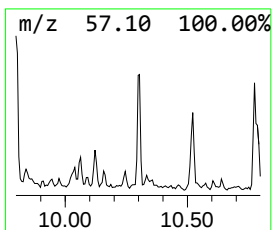
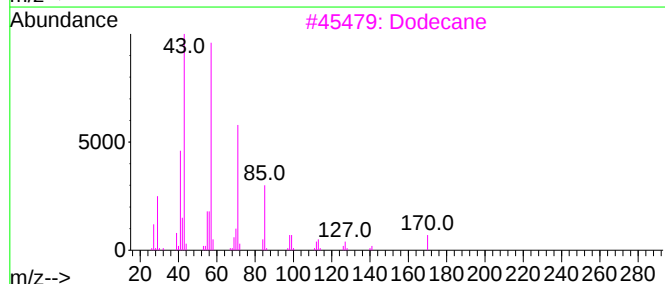
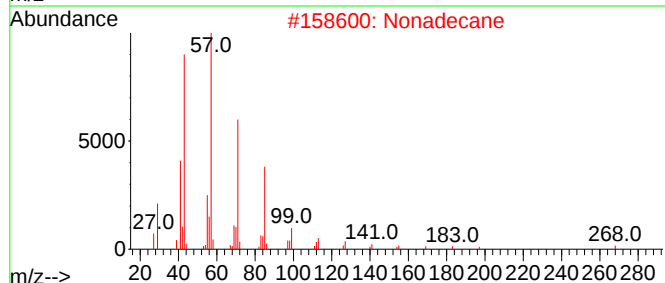
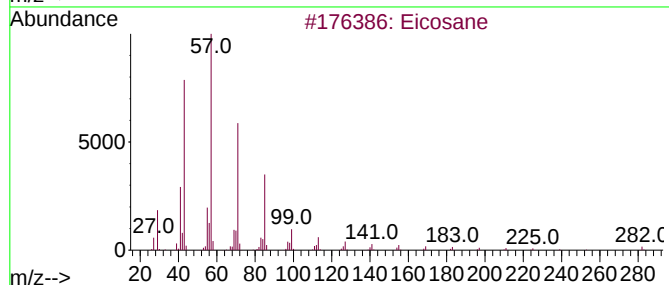
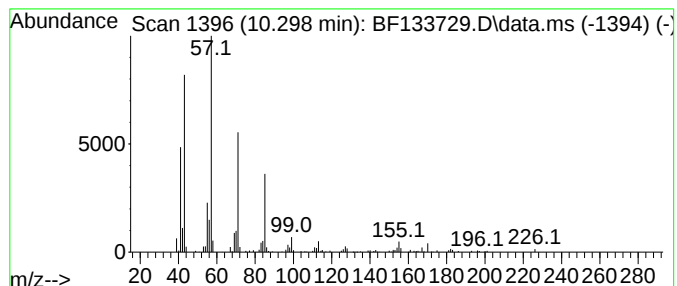
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	6.32 ng	141700	Acenaphthene-d10	9.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	86
2			Nonadecane	268	C19H40	000629-92-5	86
3			Dodecane	170	C12H26	000112-40-3	83
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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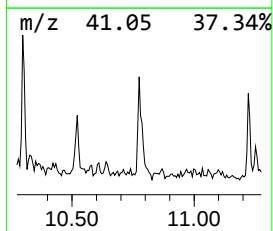
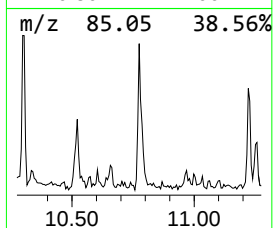
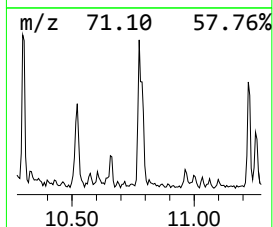
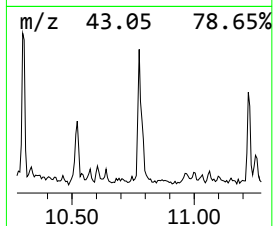
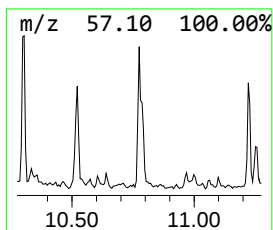
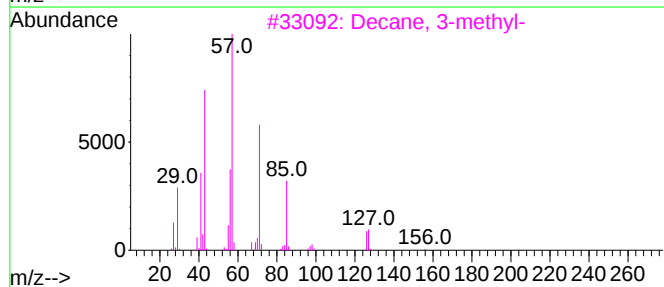
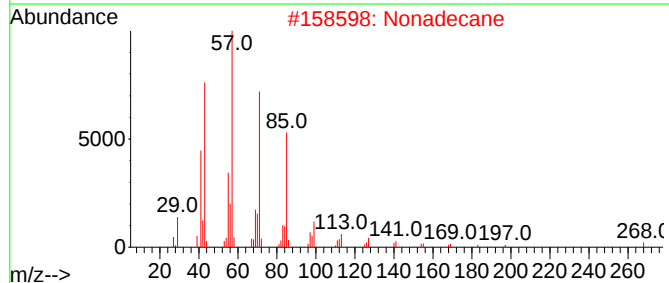
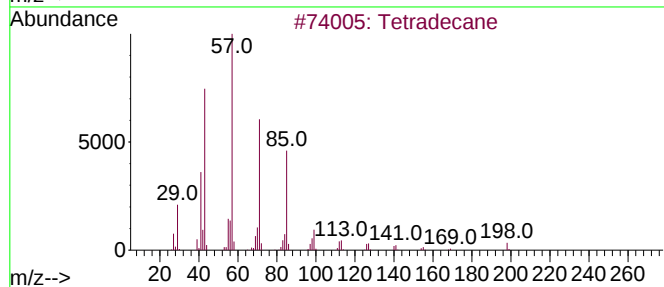
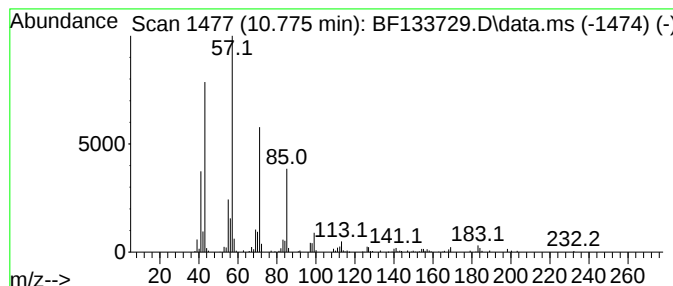
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	7.38 ng	204471	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Nonadecane	268	C19H40	000629-92-5	83
3			Decane, 3-methyl-	156	C11H24	013151-34-3	83
4			Tridecane	184	C13H28	000629-50-5	81
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

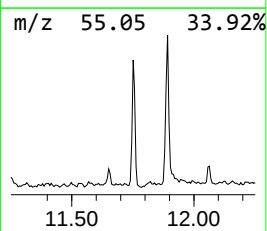
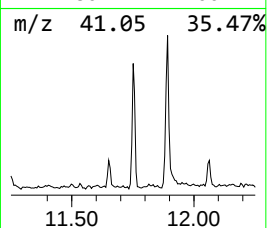
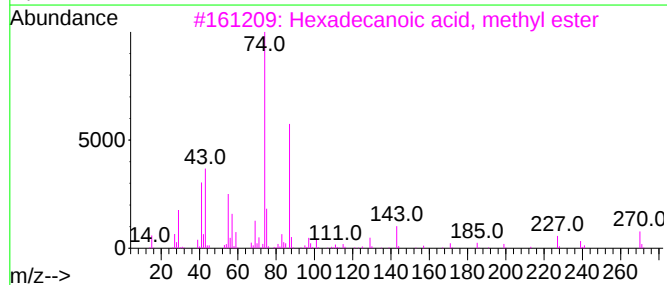
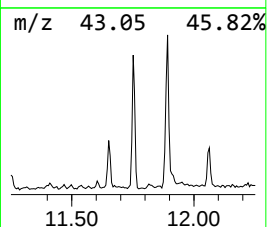
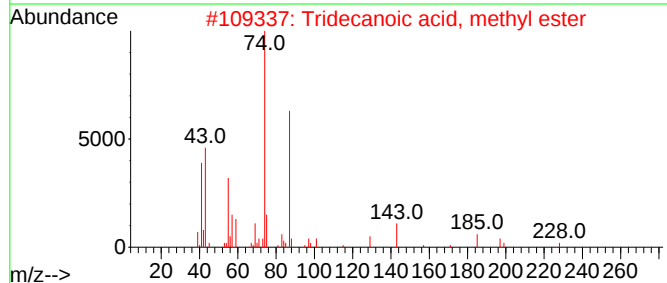
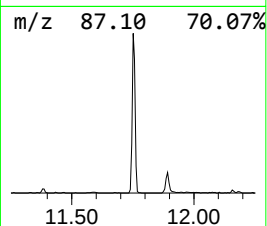
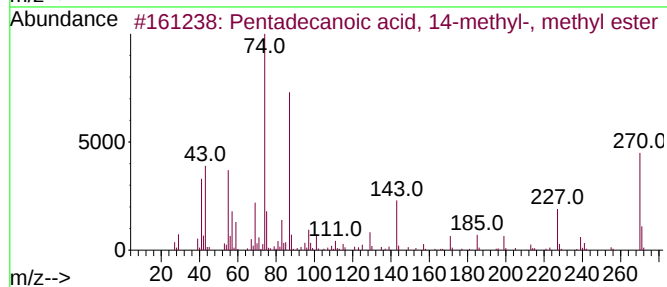
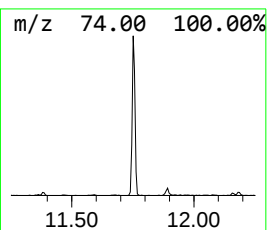
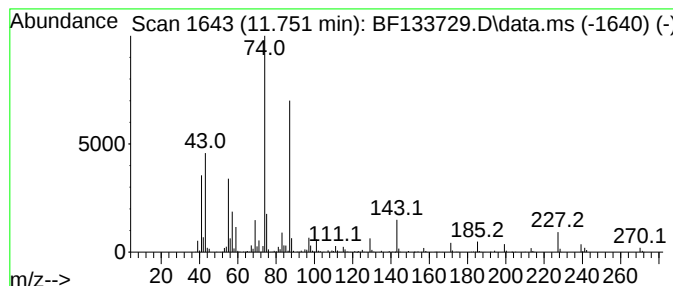
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecanoic acid, 14-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.751	16.32 ng	452500	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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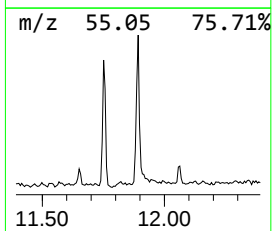
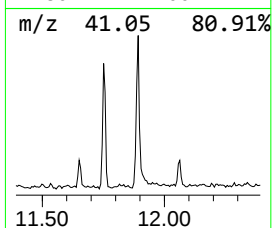
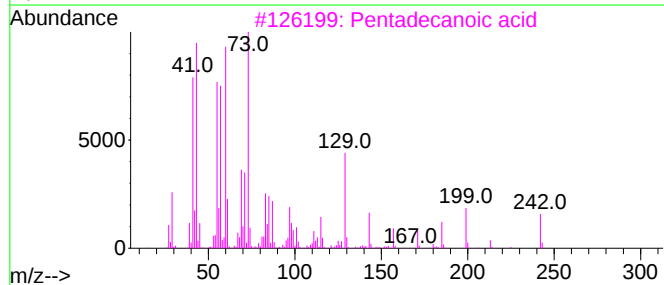
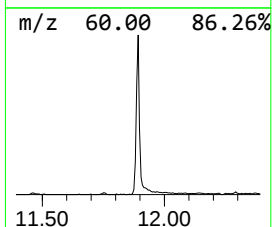
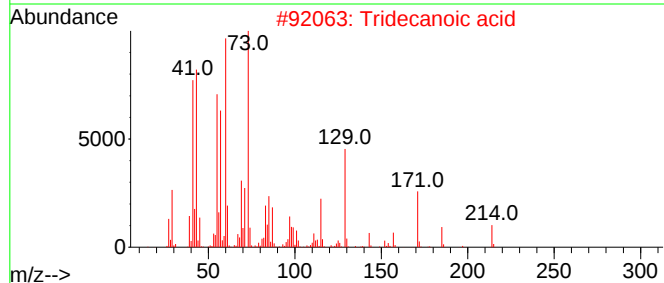
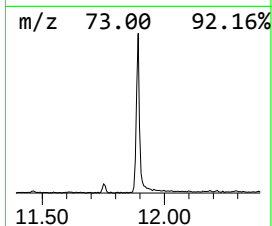
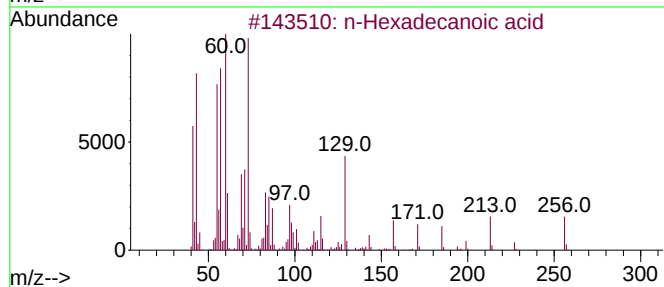
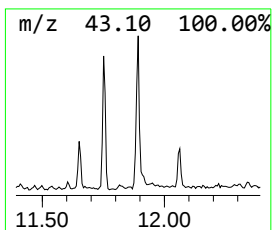
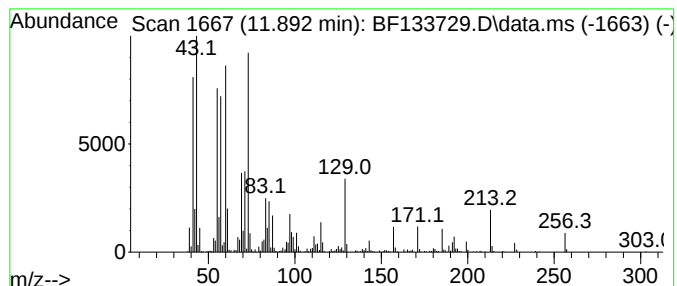
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	20.37 ng	564776	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
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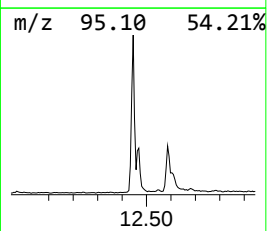
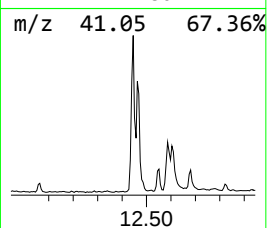
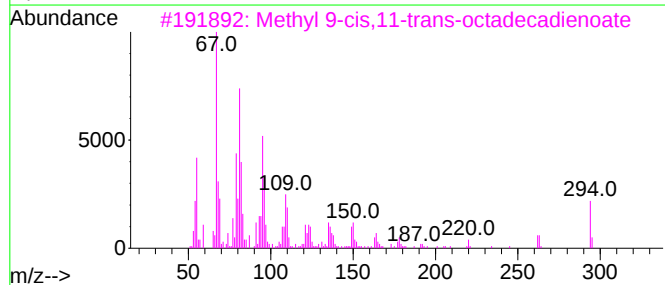
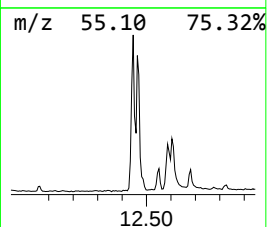
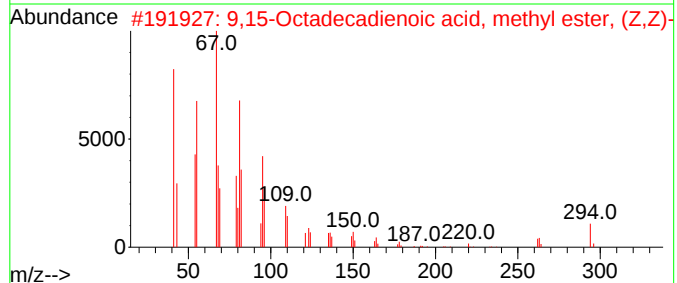
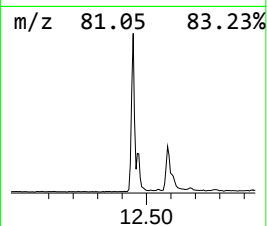
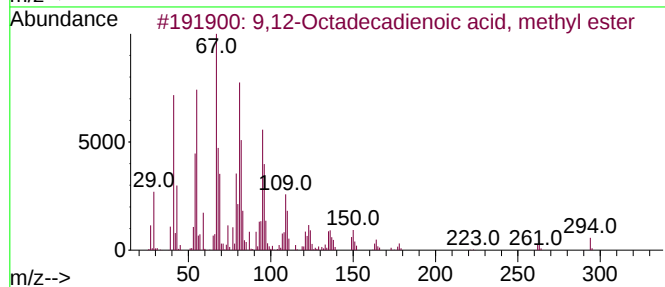
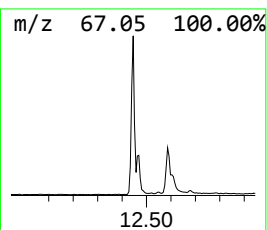
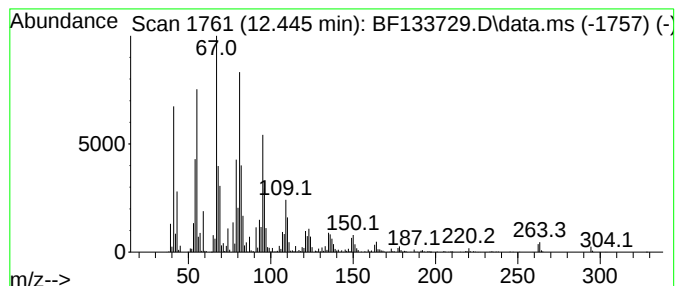
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.445	75.85 ng	2102730	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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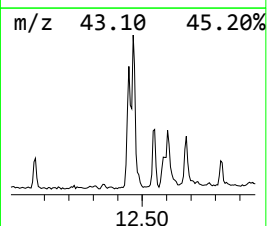
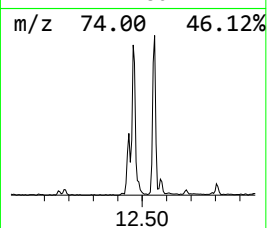
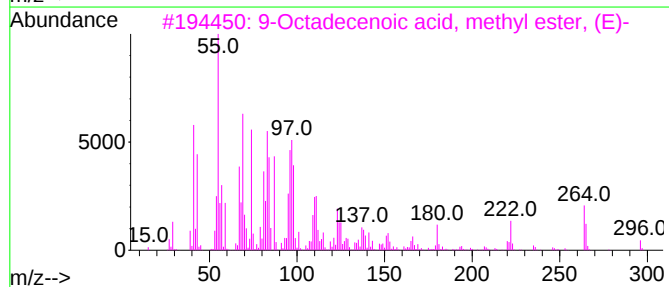
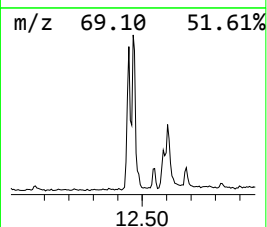
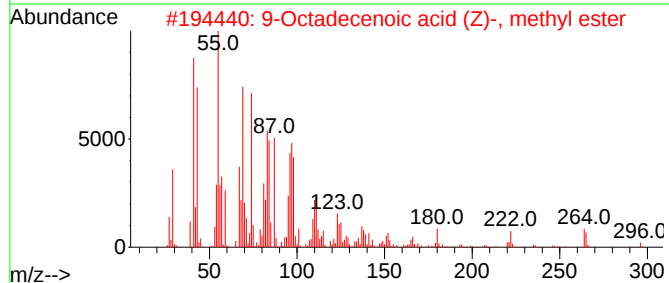
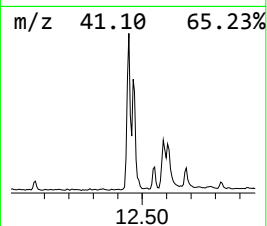
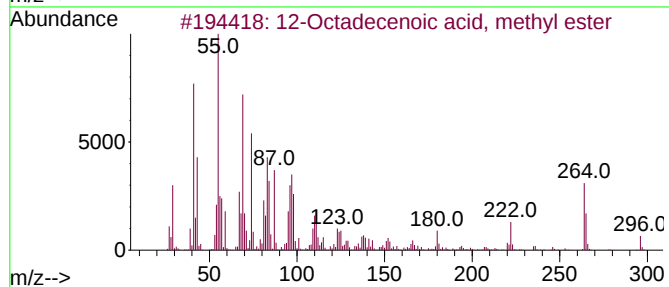
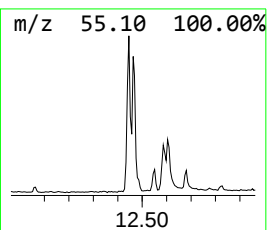
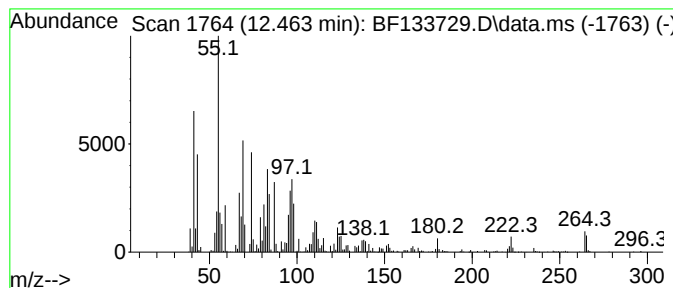
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 12-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	47.38 ng	1313310	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
3		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
5		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
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Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
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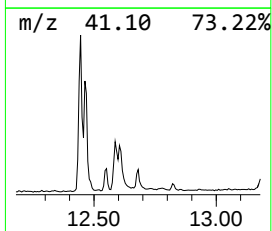
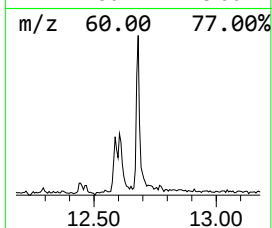
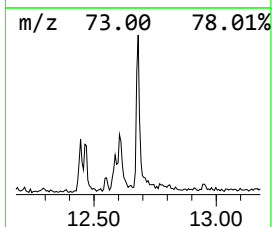
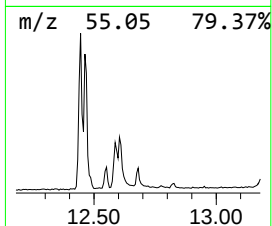
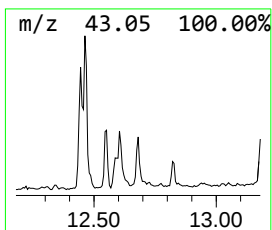
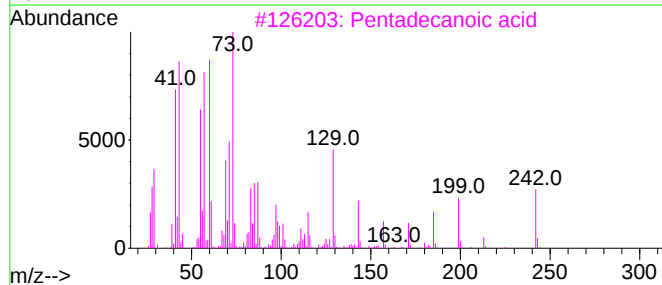
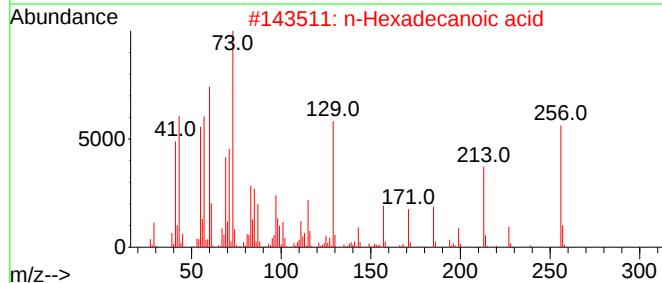
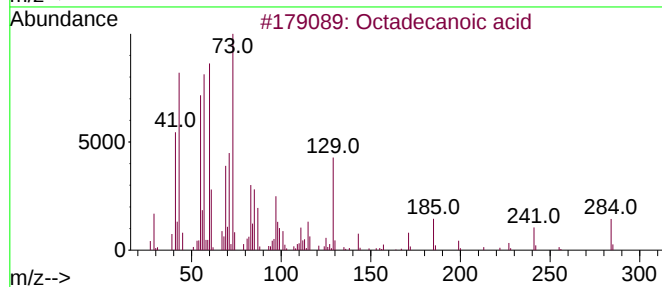
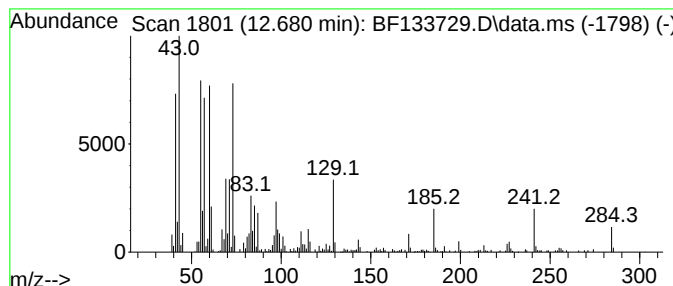
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.680	8.62 ng	239058	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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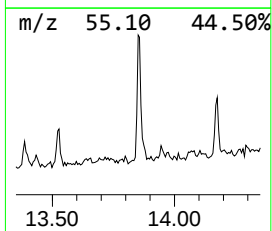
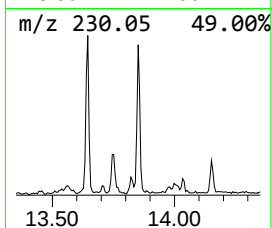
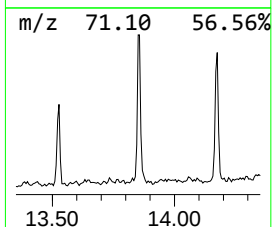
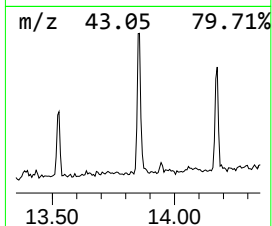
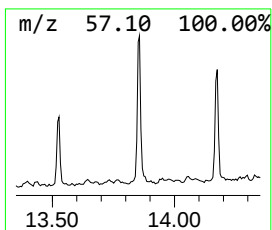
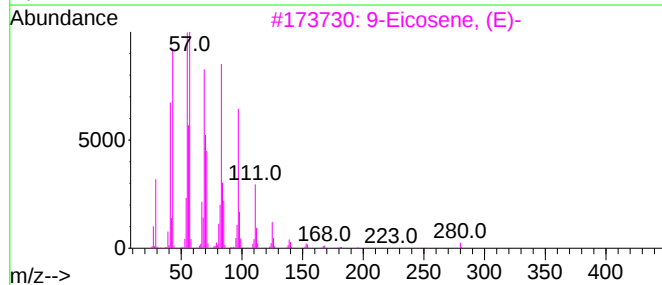
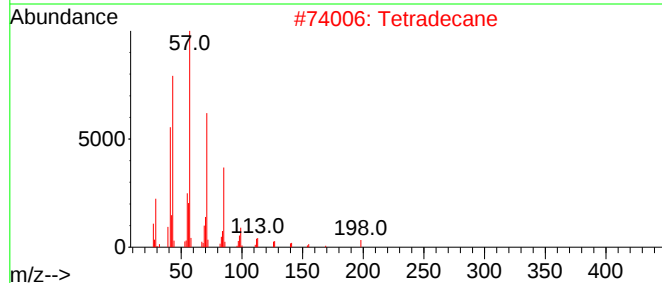
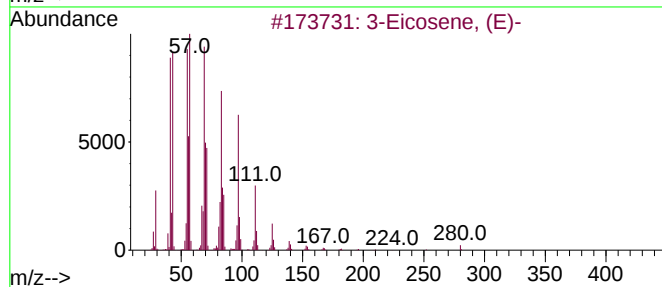
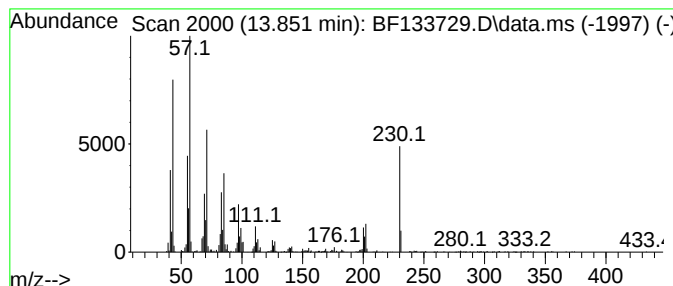
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	12.13 ng	459865	Chrysene-d12	14.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	91
2	Tetradecane		198	C14H30	000629-59-4	62
3	9-Eicosene, (E)-		280	C20H40	074685-29-3	62
4	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	60
5	Carbonic acid, octadecyl vinyl e...		340	C21H40O3	1000382-54-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-06072023

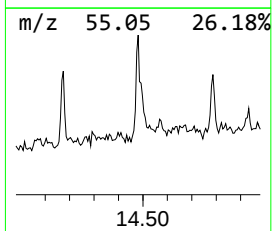
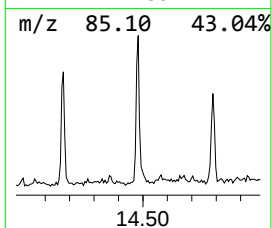
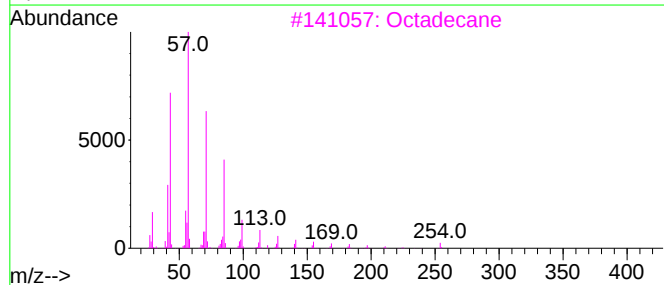
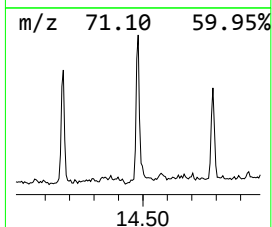
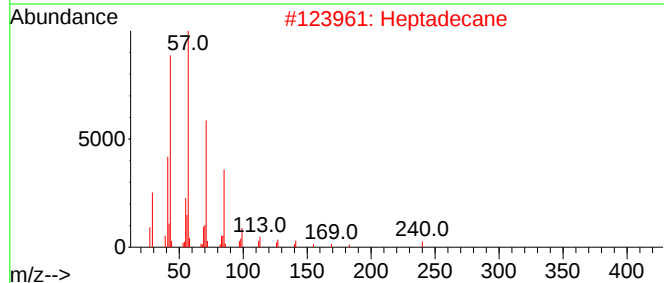
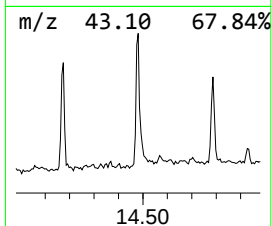
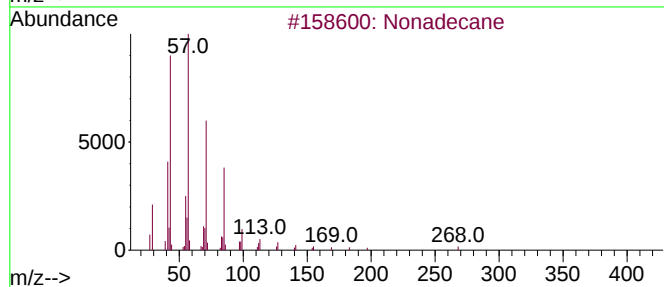
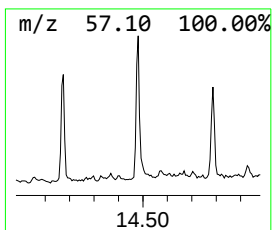
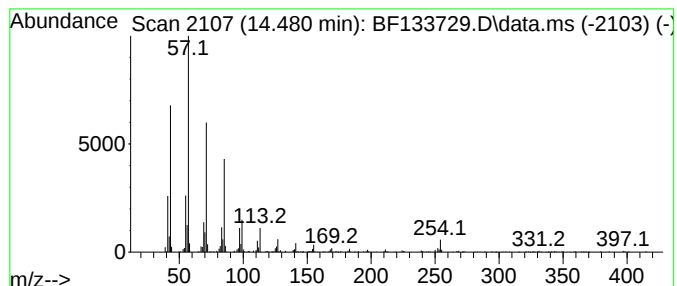
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	10.12 ng	383487	Chrysene-d12	14.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	95
2		Heptadecane	240	C17H36	000629-78-7	93
3		Octadecane	254	C18H38	000593-45-3	91
4		Octacosane	394	C28H58	000630-02-4	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-06072023

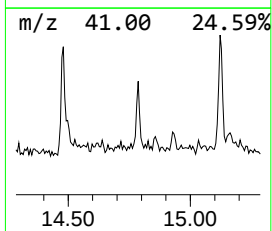
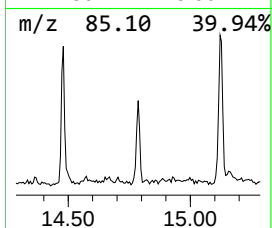
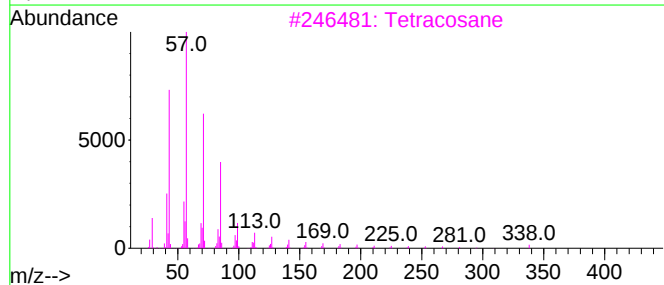
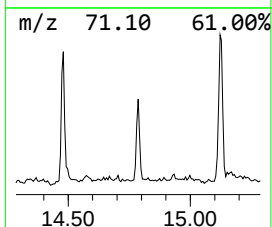
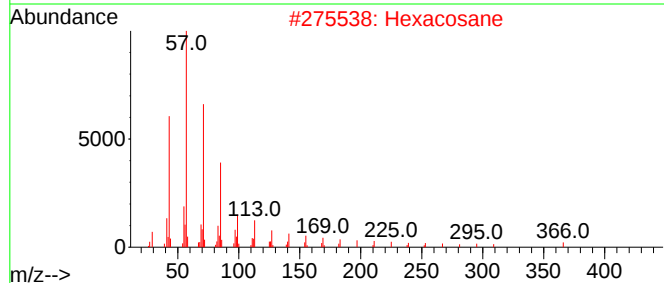
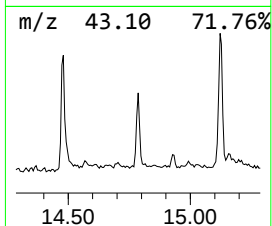
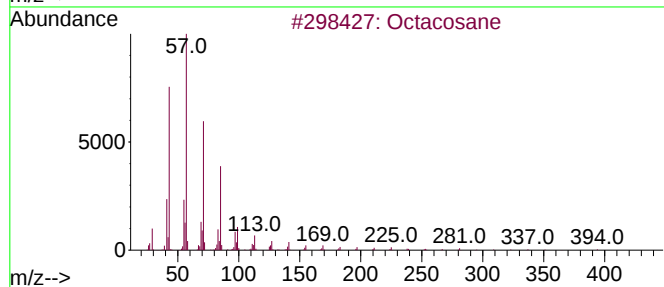
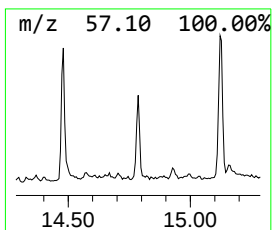
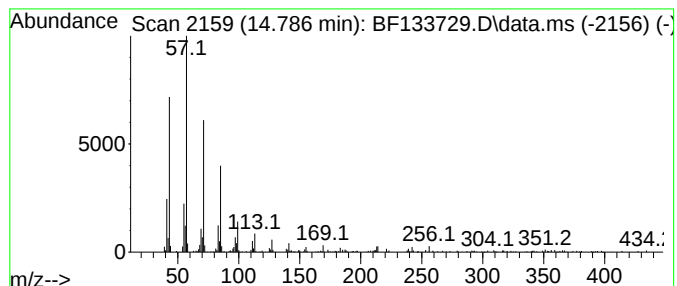
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	9.29 ng	174202	Perylene-d12	15.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	99
2		Hexacosane	366	C26H54	000630-01-3	93
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heneicosane	296	C21H44	000629-94-7	83
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-3-06072023

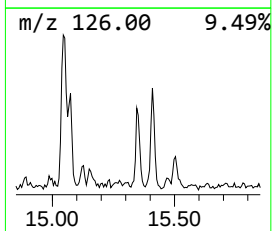
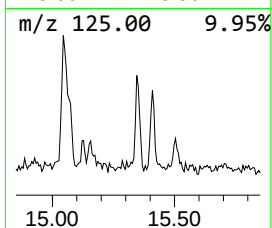
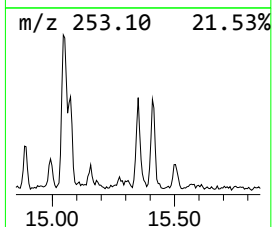
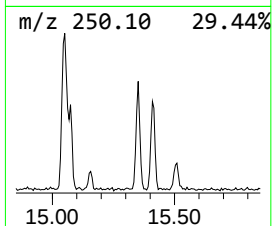
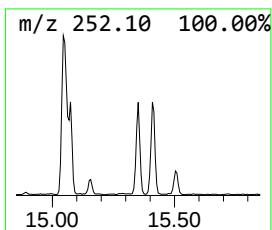
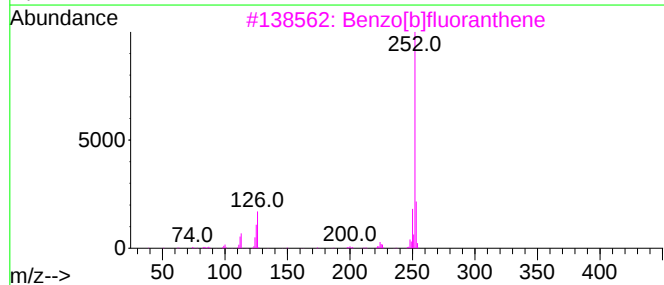
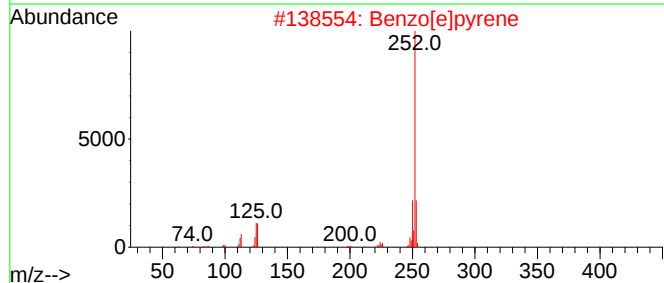
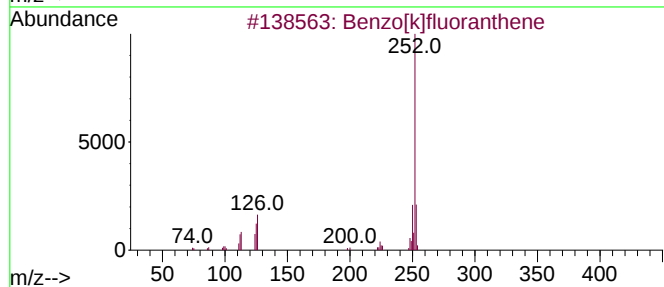
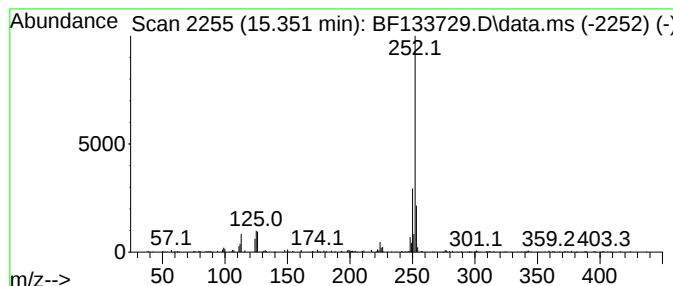
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.351	6.44 ng	120819	Perylene-d12	15.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133729.D
Acq On : 13 Jun 2023 14:13
Operator : CG\JU
Sample : 03093-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

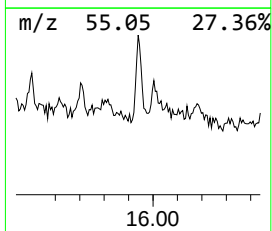
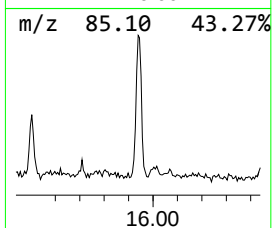
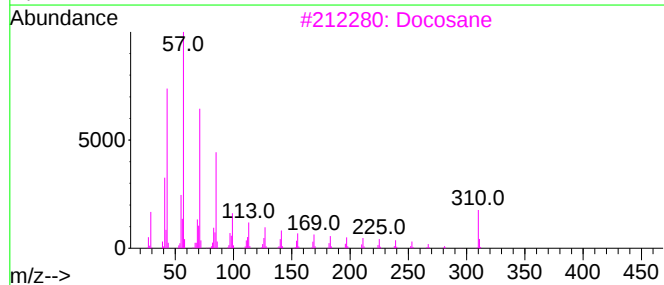
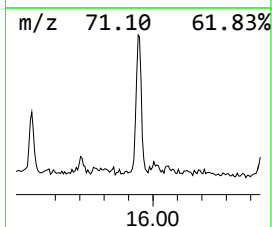
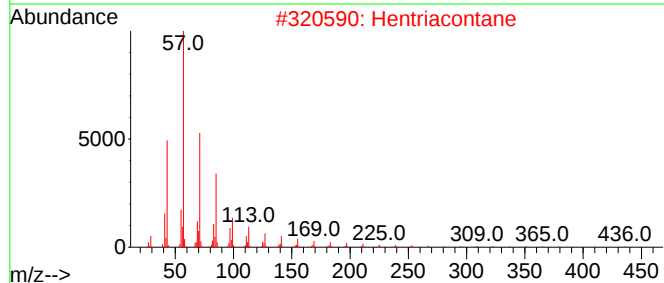
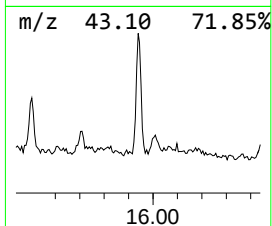
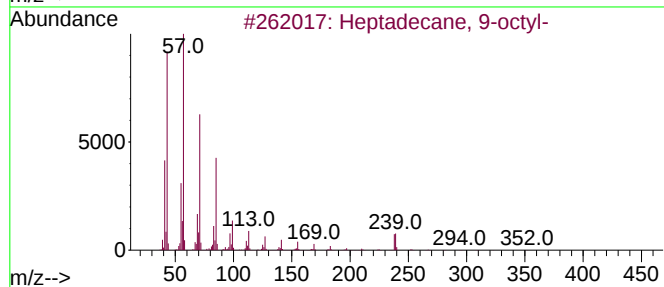
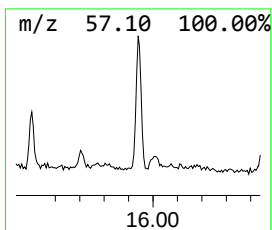
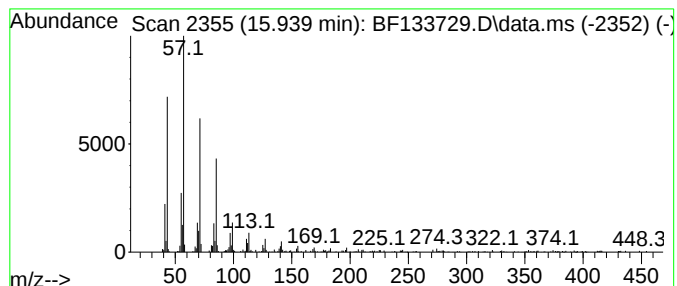
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.939	12.12 ng	227323	Perylene-d12		15.474	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	98
2	Hentriacontane		437	C31H64	000630-04-6	96
3	Docosane		310	C22H46	000629-97-0	94
4	Tetratetracontane		619	C44H90	007098-22-8	93
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133729.D
 Acq On : 13 Jun 2023 14:13
 Operator : CG\JU
 Sample : 03093-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, (2...	8.404	5.7	ng	147070	2	8.116	517369	20.0
Decane, 2,6,7-t...	8.534	6.7	ng	173650	2	8.116	517369	20.0
Dodecane, 2,7,1...	9.134	8.7	ng	193937	3	9.869	448174	20.0
Tetradecane	9.269	9.6	ng	215016	3	9.869	448174	20.0
Hexadecane	9.592	9.9	ng	221692	3	9.869	448174	20.0
Tridecane, 4,8-...	9.798	7.4	ng	166301	3	9.869	448174	20.0
Naphthalene, 1,...	10.063	5.2	ng	115593	3	9.869	448174	20.0
Naphthalene, 2,...	10.116	5.5	ng	122377	3	9.869	448174	20.0
Eicosane	10.298	6.3	ng	141700	3	9.869	448174	20.0
Nonadecane	10.775	7.4	ng	204471	4	11.363	554418	20.0
Pentadecanoic a...	11.751	16.3	ng	452500	4	11.363	554418	20.0
n-Hexadecanoic ...	11.892	20.4	ng	564776	4	11.363	554418	20.0
9,12-Octadecadi...	12.445	75.8	ng	2102730	4	11.363	554418	20.0
12-Octadecenoic...	12.463	47.4	ng	1313310	4	11.363	554418	20.0
Octadecanoic acid	12.680	8.6	ng	239058	4	11.363	554418	20.0
3-Eicosene, (E)-	13.851	12.1	ng	459865	5	14.010	758126	20.0
Heptadecane	14.480	10.1	ng	383487	5	14.010	758126	20.0
Octacosane	14.786	9.3	ng	174202	6	15.474	375172	20.0
Benzo[e]pyrene	15.351	6.4	ng	120819	6	15.474	375172	20.0
Heptadecane, 9-...	15.939	12.1	ng	227323	6	15.474	375172	20.0