

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135799.D
 Acq On : 17 Oct 2023 02:59
 Operator : CG\JU
 Sample : 04854-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-101123

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-BF101323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135799.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	485	488	500	rBV	90176	136262	1.01%	0.195%
2	5.369	555	558	577	rBV	1594605	1843941	13.60%	2.642%
3	6.387	728	731	743	rBV	1767472	1806893	13.33%	2.589%
4	6.734	787	790	797	rVB	746475	639331	4.72%	0.916%
5	7.304	883	887	889	rVV	1296083	1116229	8.24%	1.599%
6	7.322	889	890	894	rVV	277041	227902	1.68%	0.327%
7	7.528	923	925	929	rVB2	205296	171945	1.27%	0.246%
8	7.645	935	945	947	rBV7	121480	252492	1.86%	0.362%
9	7.963	993	999	1001	rBV4	102636	162489	1.20%	0.233%
10	7.992	1001	1004	1006	rVV	615859	633553	4.67%	0.908%
11	8.016	1006	1008	1011	rVV	943268	852366	6.29%	1.221%
12	8.069	1013	1017	1020	rVV2	232613	327909	2.42%	0.470%
13	8.181	1029	1036	1039	rBV6	98322	181927	1.34%	0.261%
14	8.210	1039	1041	1044	rVB2	219787	166182	1.23%	0.238%
15	8.304	1052	1057	1064	rBV6	198546	374526	2.76%	0.537%
16	8.392	1069	1072	1075	rVB3	206235	204642	1.51%	0.293%
17	8.434	1075	1079	1081	rBV	321505	302530	2.23%	0.433%
18	8.516	1090	1093	1096	rBV2	334865	278578	2.06%	0.399%
19	8.604	1105	1108	1111	rBV	902832	707011	5.22%	1.013%
20	8.675	1117	1120	1122	rBV4	145314	141051	1.04%	0.202%
21	8.704	1122	1125	1127	rVB4	164785	177732	1.31%	0.255%
22	8.834	1145	1147	1150	rBV2	320624	276095	2.04%	0.396%
23	8.969	1166	1170	1173	rBV4	173300	255339	1.88%	0.366%
24	9.034	1179	1181	1183	rBV2	369921	265945	1.96%	0.381%
25	9.092	1188	1191	1195	rBV	2167013	1719853	12.69%	2.464%
26	9.175	1199	1205	1207	rBV	1074109	1055616	7.79%	1.512%
27	9.239	1214	1216	1219	rVB2	224423	207750	1.53%	0.298%
28	9.404	1241	1244	1246	rBV2	116768	138171	1.02%	0.198%
29	9.428	1246	1248	1250	rVV2	216597	214043	1.58%	0.307%
30	9.451	1250	1252	1254	rVV3	200182	178849	1.32%	0.256%
31	9.492	1254	1259	1261	rVV	600808	627205	4.63%	0.899%
32	9.516	1261	1263	1266	rVB2	275997	273627	2.02%	0.392%
33	9.551	1266	1269	1272	rVB	295233	227194	1.68%	0.326%
34	9.633	1280	1283	1287	rBV4	108121	161918	1.19%	0.232%
35	9.704	1292	1295	1299	rBV	1374231	1035952	7.64%	1.484%
36	9.739	1299	1301	1303	rBV3	140312	152929	1.13%	0.219%

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Integrator: RTE

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Sampling : 1

Min Area: 3 % of largest Peak

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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-BF101323.M

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37	9.775	1303	1307	1310	rVB	822124	748588	5.52%	1.073%
38	9.939	1330	1335	1337	rBV3	173695	285725	2.11%	0.409%
39	10.028	1346	1350	1353	rVV3	387636	466560	3.44%	0.668%
40	10.063	1353	1356	1358	rVV	139400	138751	1.02%	0.199%

41	10.098	1358	1362	1365	rVV6	131968	211143	1.56%	0.303%
42	10.204	1377	1380	1383	rVV	1321567	1176102	8.68%	1.685%
43	10.257	1387	1389	1395	rVB4	128184	204078	1.51%	0.292%
44	10.428	1413	1418	1421	rBV	465195	586046	4.32%	0.840%
45	10.475	1424	1426	1430	rVB4	146115	145483	1.07%	0.208%

46	10.510	1430	1432	1435	rBV2	178950	167268	1.23%	0.240%
47	10.545	1435	1438	1440	rBV2	180739	154840	1.14%	0.222%
48	10.569	1440	1442	1446	rBV	872391	760578	5.61%	1.090%
49	10.680	1458	1461	1470	rVB	1365898	1640478	12.10%	2.350%
50	10.875	1491	1494	1498	rBV2	151832	246492	1.82%	0.353%

51	10.904	1498	1499	1502	rVB	189967	137650	1.02%	0.197%
52	11.133	1534	1538	1540	rBV	1107639	942089	6.95%	1.350%
53	11.163	1540	1543	1549	rVB	475306	556761	4.11%	0.798%
54	11.269	1558	1561	1564	rBV	831791	763406	5.63%	1.094%
55	11.292	1564	1565	1573	rVV2	295724	388696	2.87%	0.557%

56	11.563	1607	1611	1613	rBV	940273	772596	5.70%	1.107%
57	11.669	1625	1629	1632	rVB	4790670	4651110	34.31%	6.664%
58	11.816	1649	1654	1659	rVV2	880866	1020575	7.53%	1.462%
59	11.886	1663	1666	1668	rVV2	191022	187366	1.38%	0.268%
60	11.969	1677	1680	1685	rBV	742537	725420	5.35%	1.039%

61	12.122	1704	1706	1712	rVB5	112590	185543	1.37%	0.266%
62	12.380	1743	1750	1751	rVV	7208009	13554569	100.00%	19.420%
63	12.398	1751	1753	1758	rVV2	6856111	8635794	63.71%	12.373%
64	12.469	1761	1765	1768	rVV	2870964	2598768	19.17%	3.723%
65	12.510	1768	1772	1774	rVV2	1084074	1760799	12.99%	2.523%

66	12.527	1774	1775	1783	rVV	1171014	1264107	9.33%	1.811%
67	12.604	1785	1788	1793	rVB2	432534	433115	3.20%	0.621%
68	12.727	1802	1809	1817	rVB2	722162	1212945	8.95%	1.738%
69	12.845	1826	1829	1830	rBV2	186599	157548	1.16%	0.226%
70	12.869	1830	1833	1837	rVB	1589205	1398213	10.32%	2.003%

71	13.098	1868	1872	1874	rBV	399949	444365	3.28%	0.637%
72	13.192	1886	1888	1891	rVB	279024	222819	1.64%	0.319%
73	13.292	1902	1905	1911	rVB3	103204	174025	1.28%	0.249%
74	13.351	1913	1915	1923	rVB4	134867	175670	1.30%	0.252%
75	13.439	1927	1930	1933	rBV	307389	305044	2.25%	0.437%

76	13.774	1984	1987	1992	rVB2	203590	222691	1.64%	0.319%
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ClientSampleId :
TR-05-101123

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.869	2000	2003	2007	rVV	275626	245277	1.81%	0.351%
78	13.933	2010	2014	2017	rVV2	548314	765840	5.65%	1.097%
79	13.963	2017	2019	2026	rVB	305947	298387	2.20%	0.428%
80	14.092	2038	2041	2050	rVB2	215201	275567	2.03%	0.395%
81	14.398	2091	2093	2096	rBV	163101	144800	1.07%	0.207%
82	14.986	2190	2193	2196	rBV	163416	209495	1.55%	0.300%
83	15.357	2253	2256	2259	rVB	135629	149880	1.11%	0.215%
84	15.415	2262	2266	2269	rBV	312291	387021	2.86%	0.555%

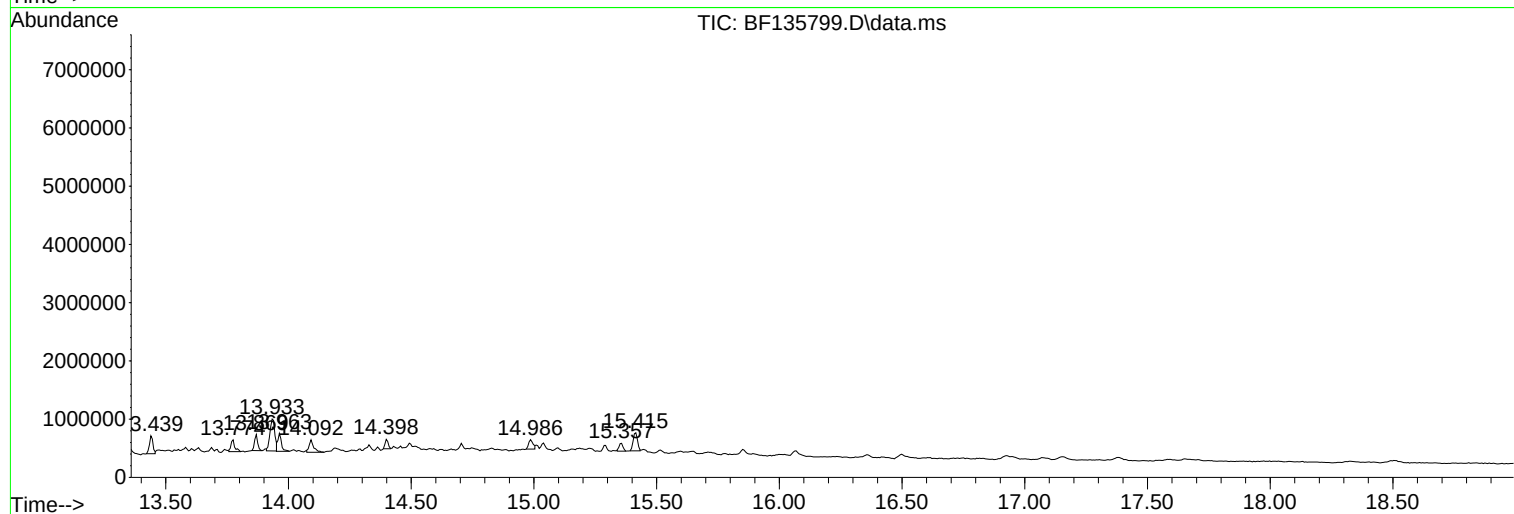
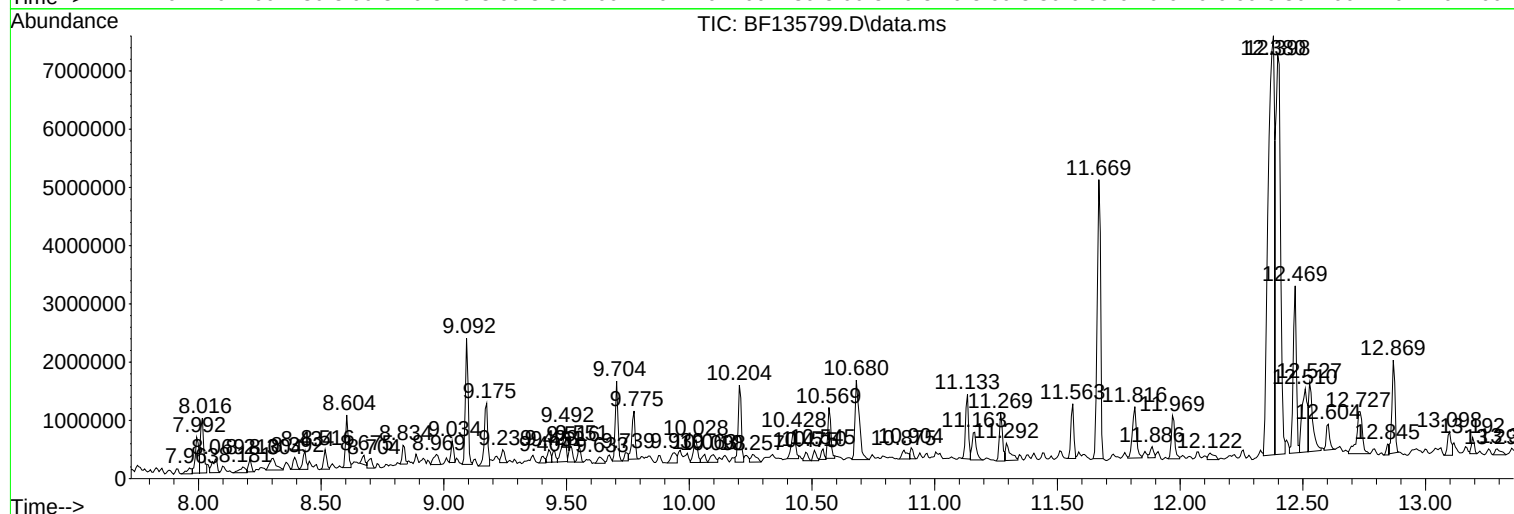
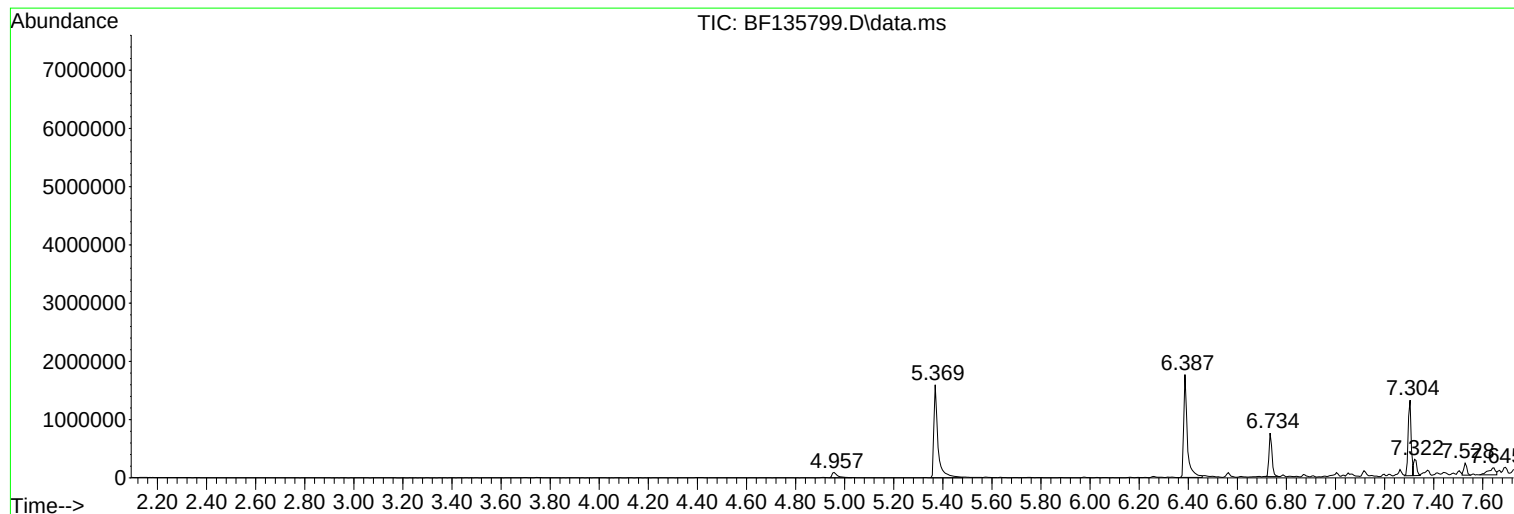
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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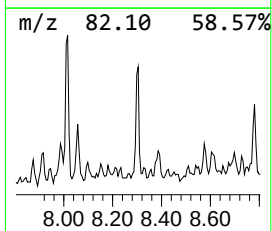
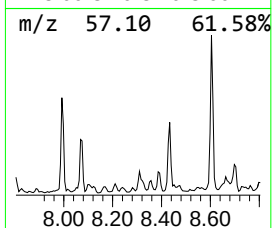
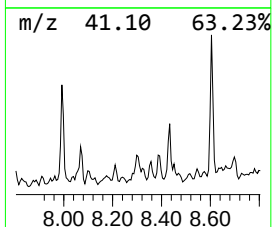
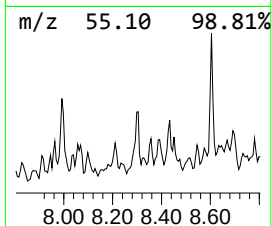
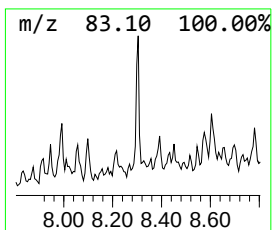
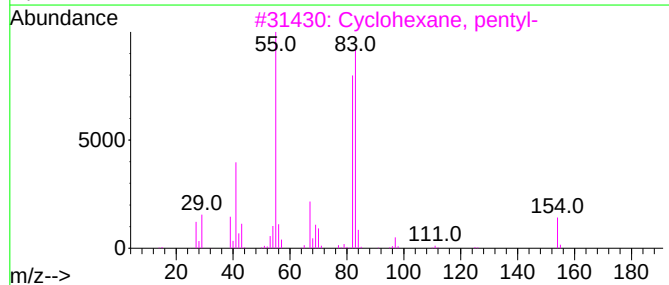
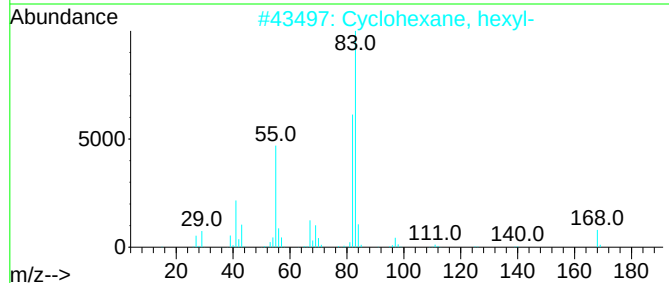
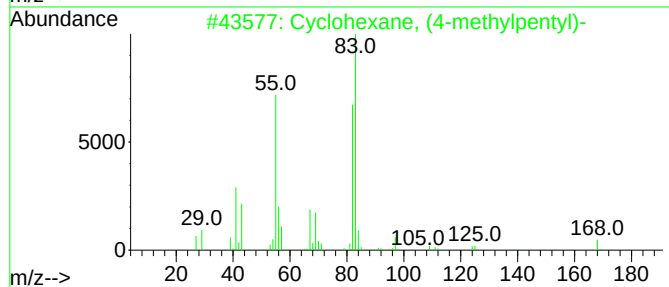
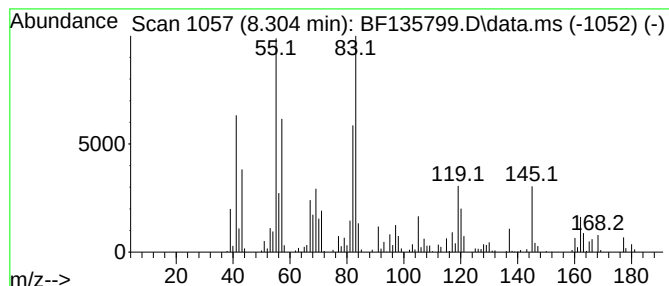
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown8.304 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	8.79 ng	374526	Naphthalene-d8	8.016

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	43
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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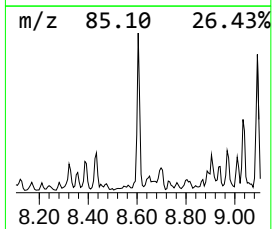
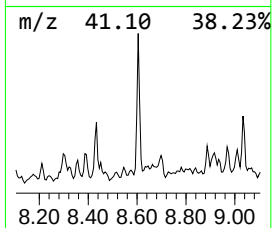
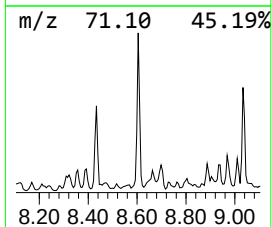
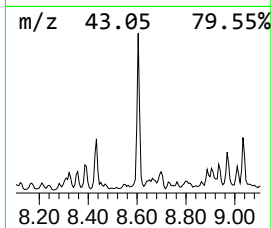
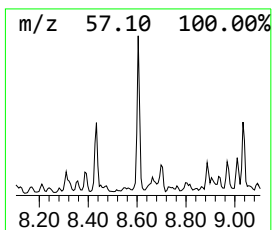
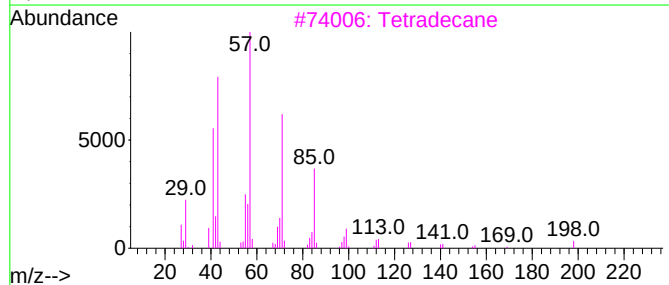
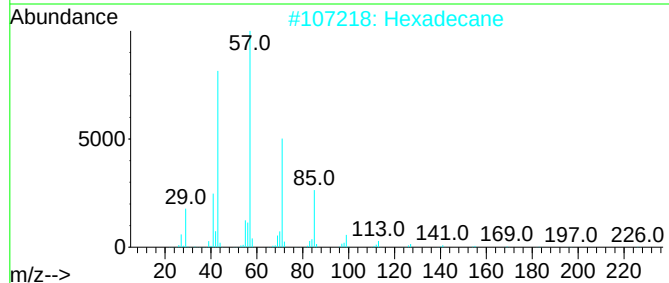
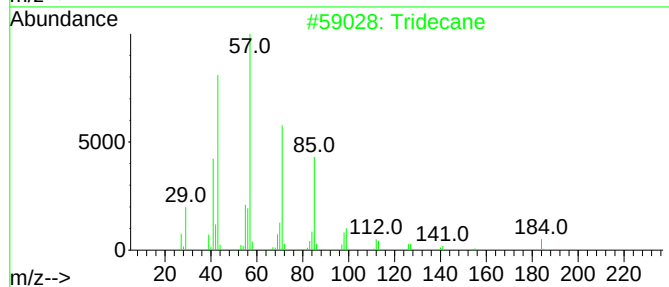
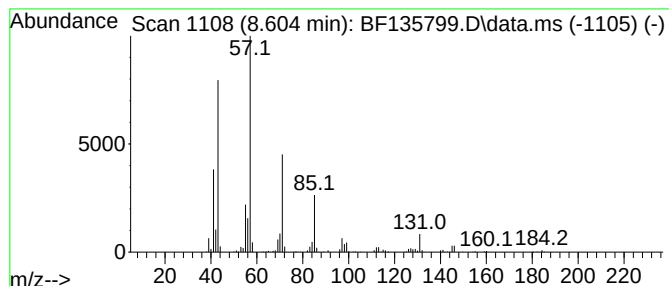
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	16.59 ng	707011	Naphthalene-d8	8.016

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	93
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetradecane	198	C14H30	000629-59-4	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	74



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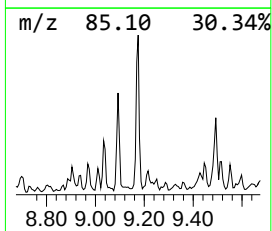
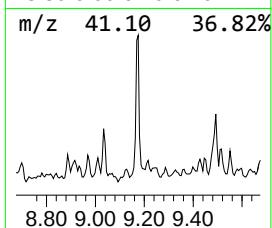
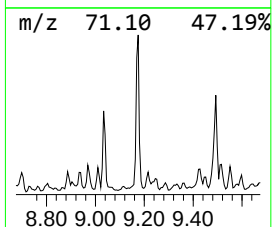
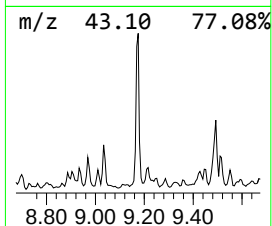
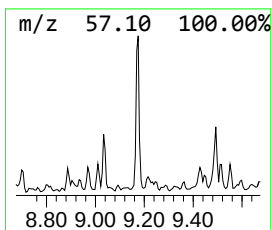
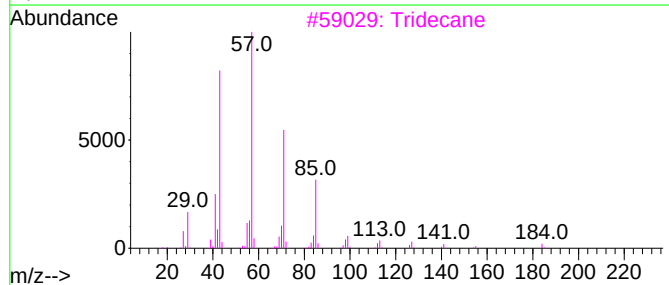
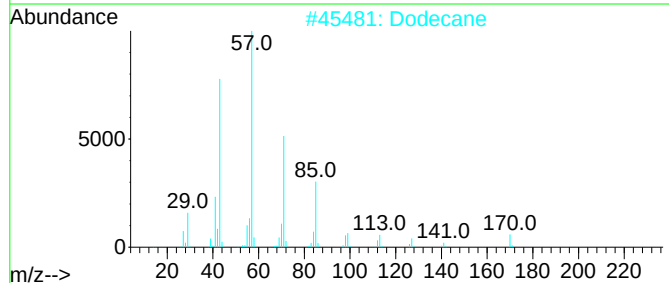
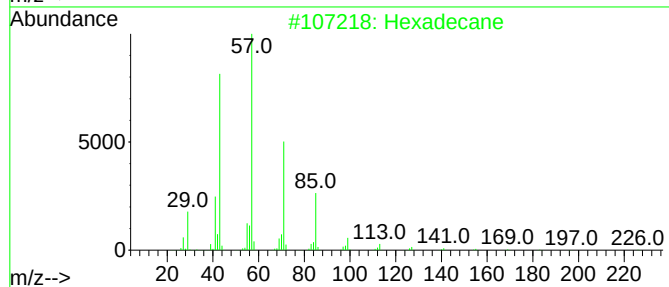
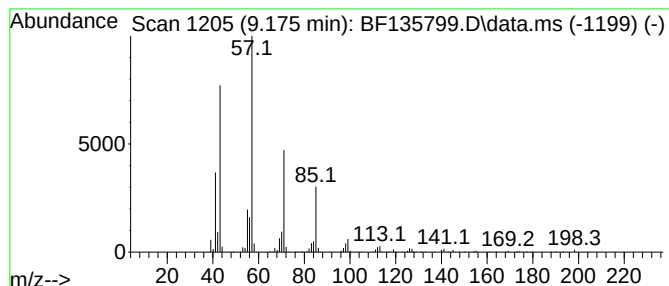
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	28.20 ng	1055620	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Dodecane	170	C12H26	000112-40-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			Nonadecane	268	C19H40	000629-92-5	86



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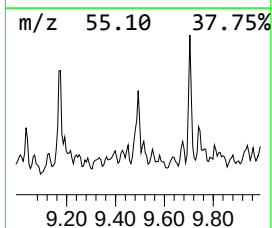
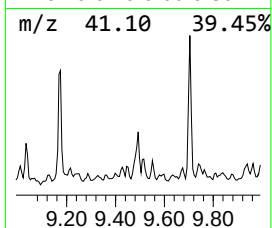
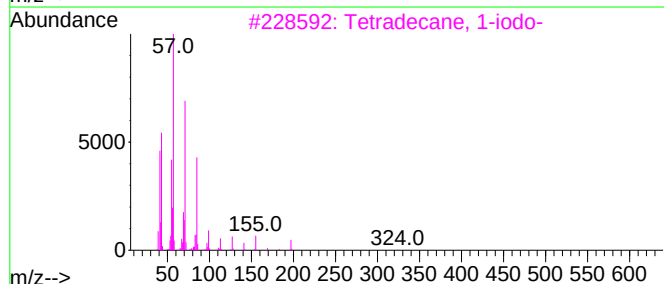
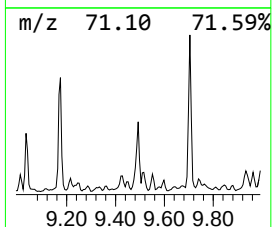
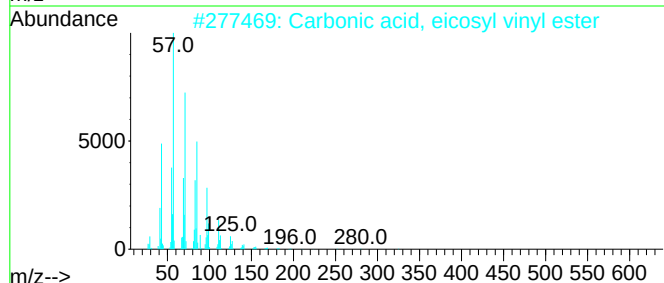
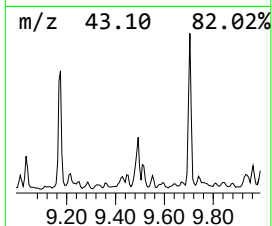
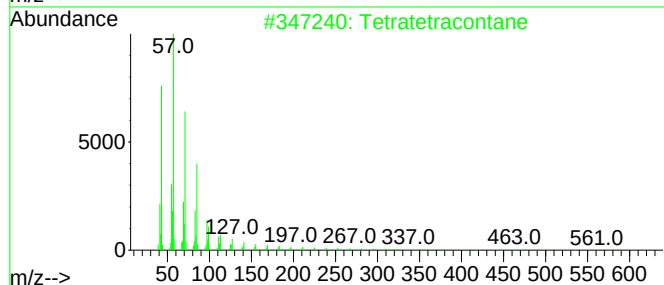
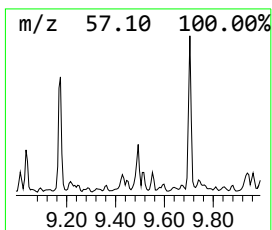
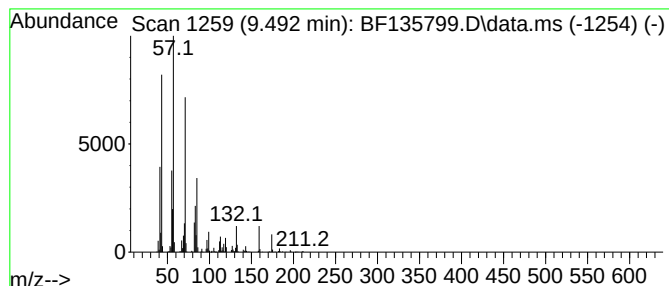
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetratetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	16.76 ng	627205	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	72
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4			Decane	142	C10H22	000124-18-5	58
5			Tridecane	184	C13H28	000629-50-5	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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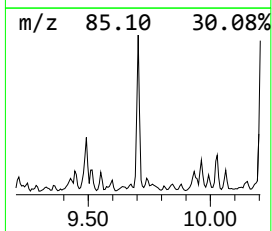
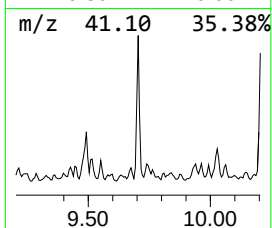
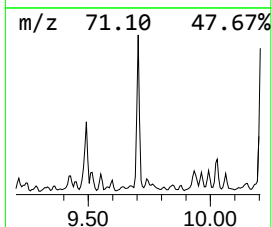
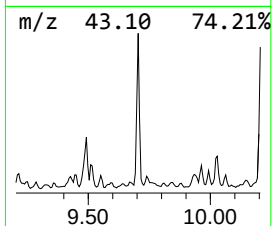
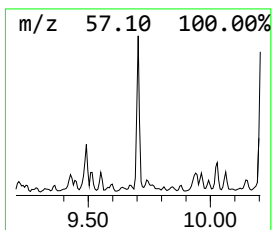
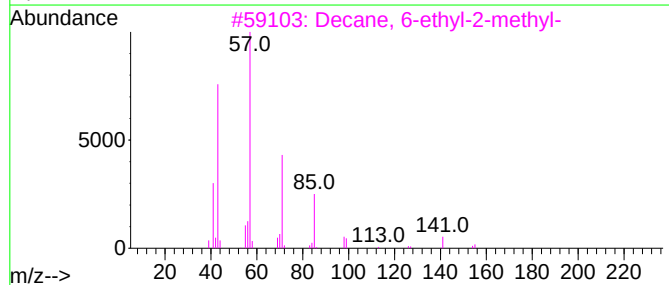
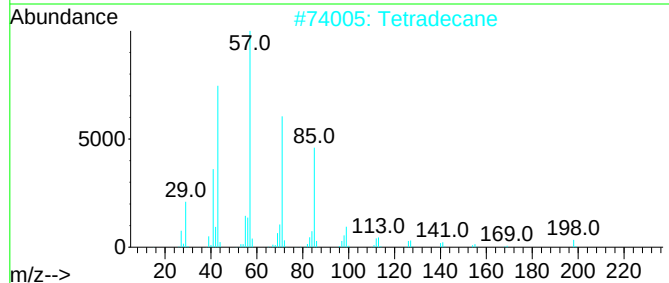
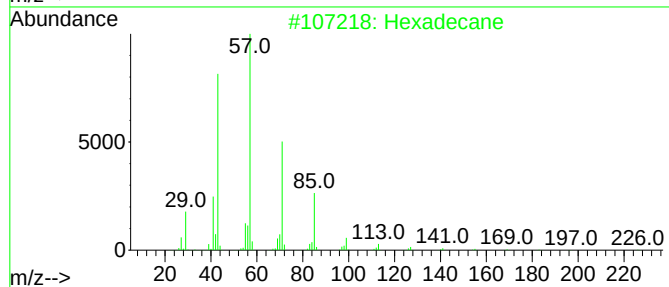
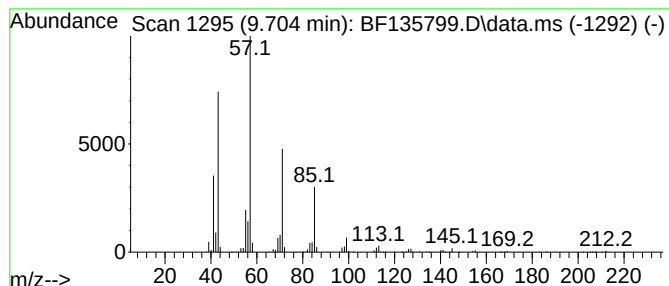
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 6-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	27.68 ng	1035950	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4			Pentadecane	212	C15H32	000629-62-9	81
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
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Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

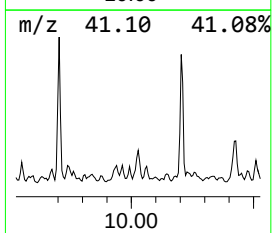
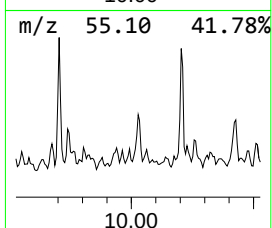
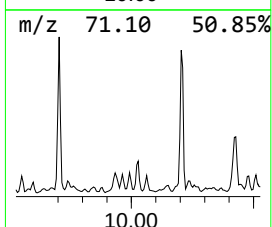
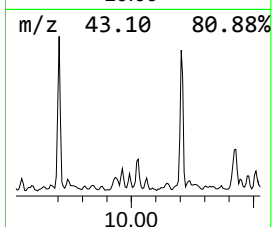
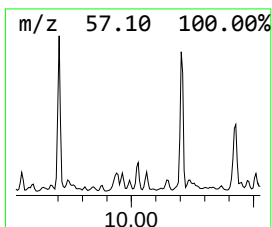
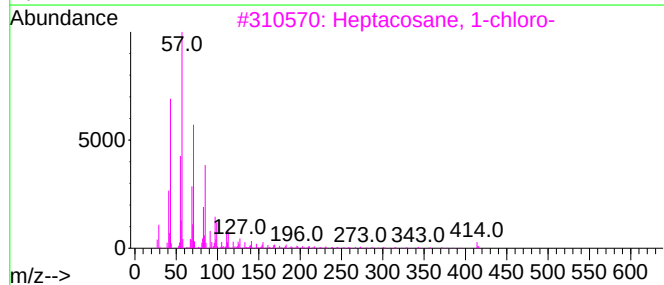
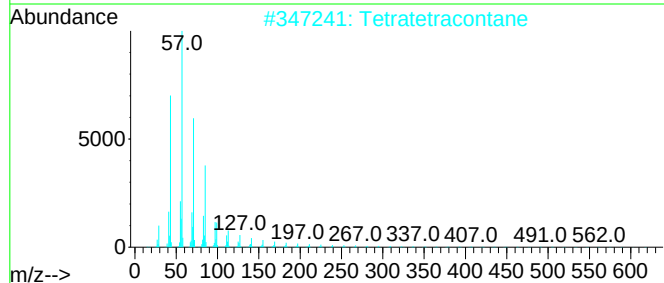
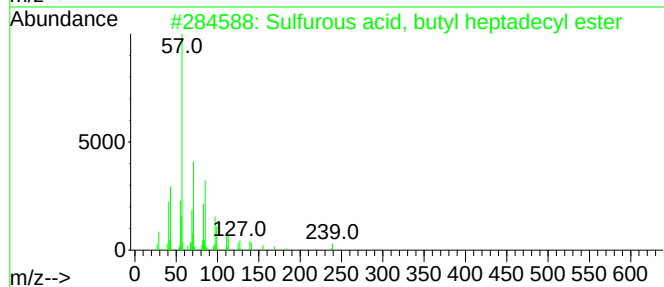
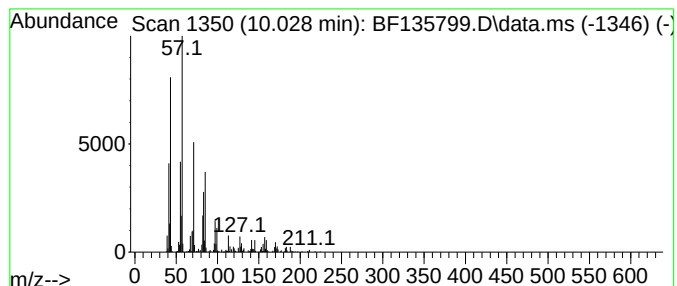
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl hepta... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.028	12.47 ng	466560	Acenaphthene-d10		9.775	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...		376	C21H44O3S	1000309-18-4	83
2	Tetratetracontane		619	C44H90	007098-22-8	74
3	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	74
4	Dodecane		170	C12H26	000112-40-3	70
5	Octacosane, 2-methyl-		408	C29H60	001560-98-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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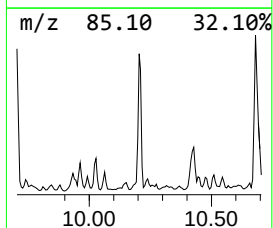
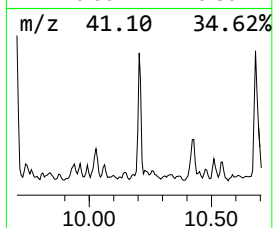
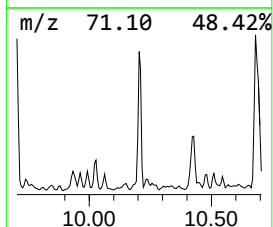
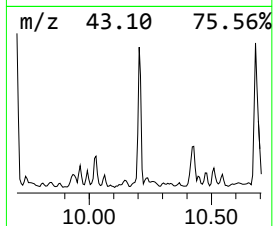
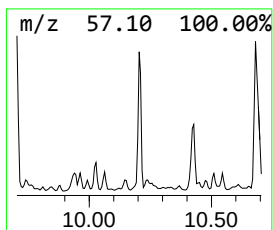
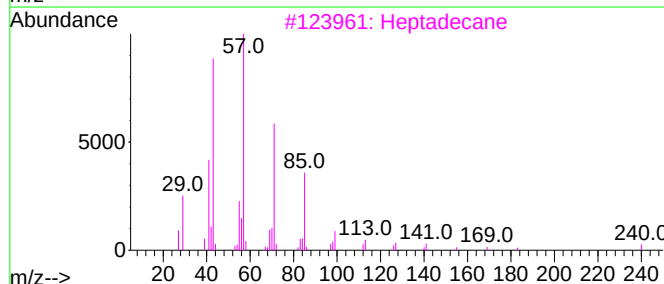
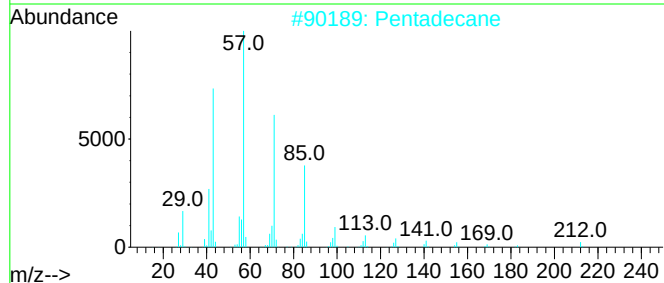
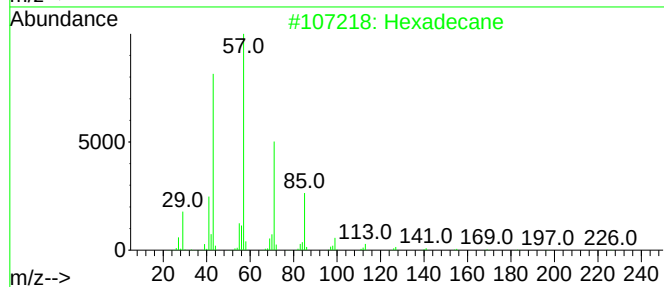
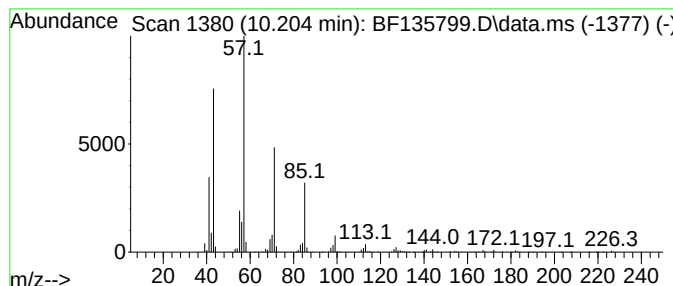
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.204	31.42 ng	1176100	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Pentadecane	212	C15H32	000629-62-9	90
3			Heptadecane	240	C17H36	000629-78-7	80
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
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Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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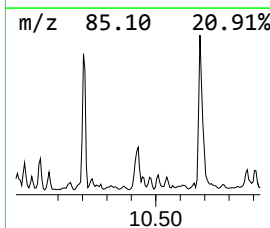
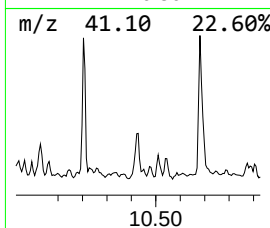
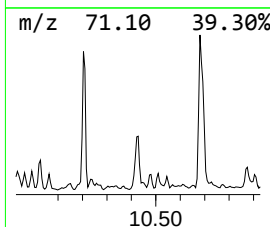
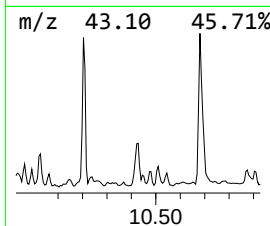
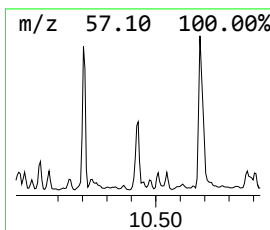
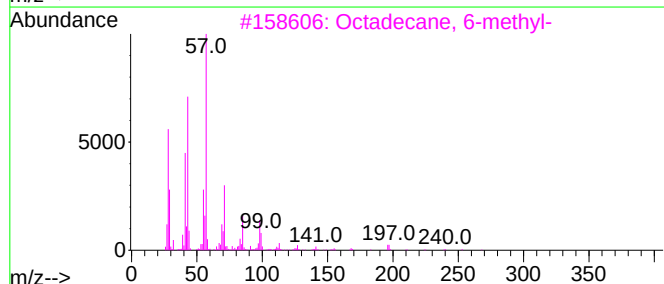
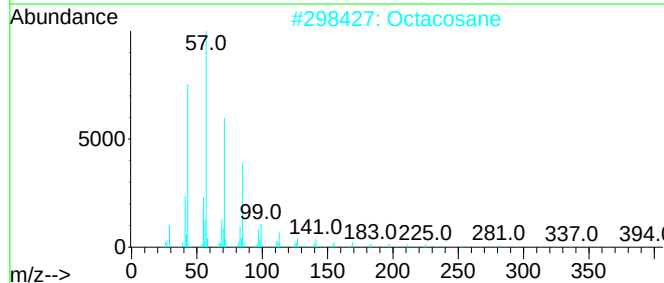
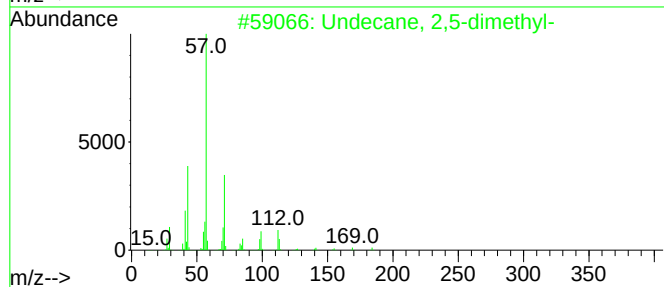
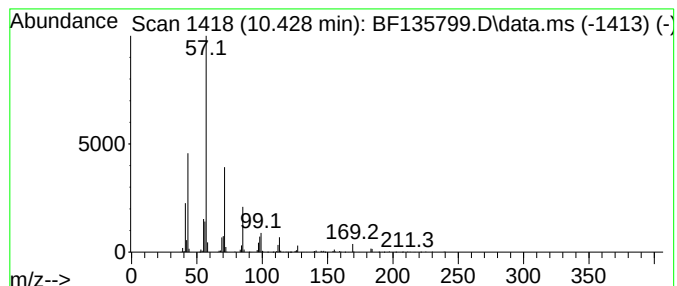
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.428	15.66 ng	586046	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
2			Octacosane	394	C28H58	000630-02-4	80
3			Octadecane, 6-methyl-	268	C19H40	010544-96-4	78
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
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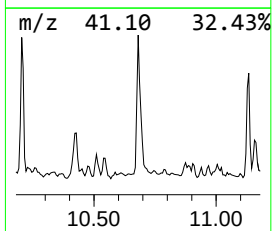
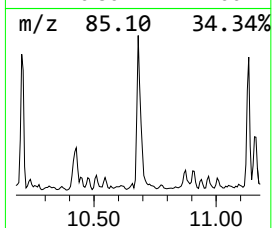
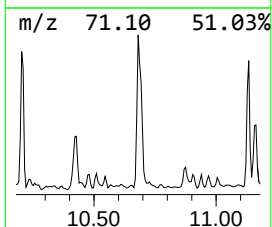
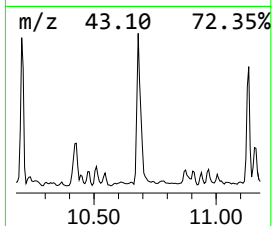
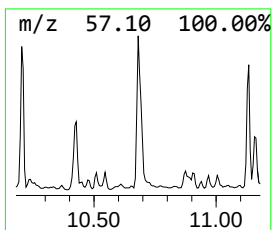
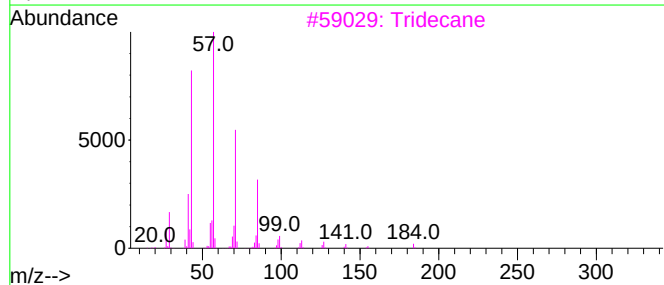
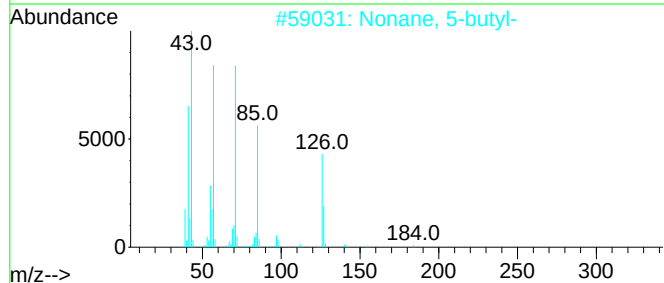
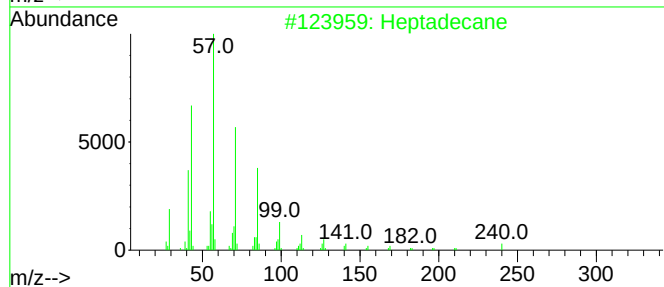
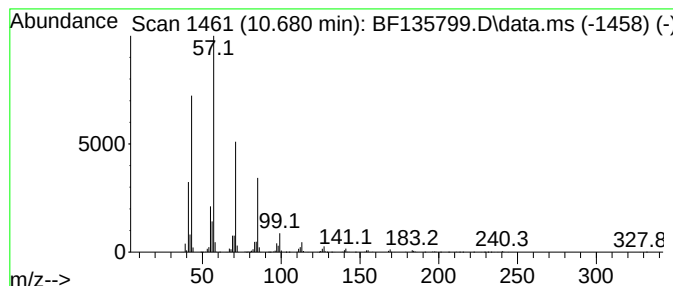
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.681	42.98 ng	1640480	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	97
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
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Sample : 04854-01
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ALS Vial : 21 Sample Multiplier: 1

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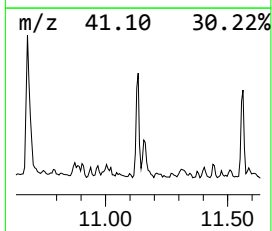
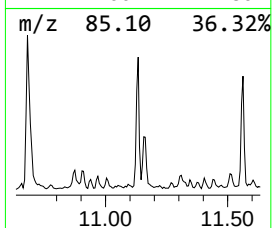
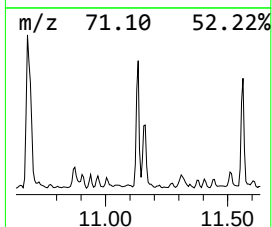
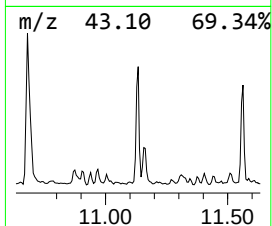
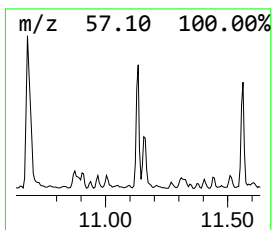
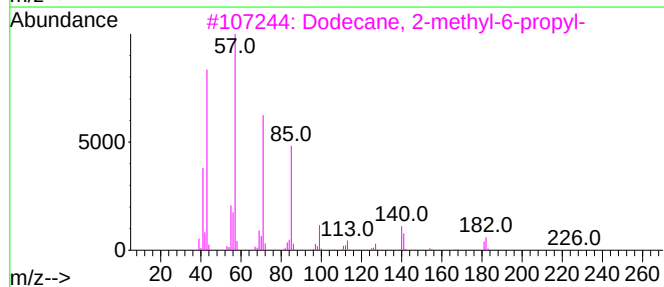
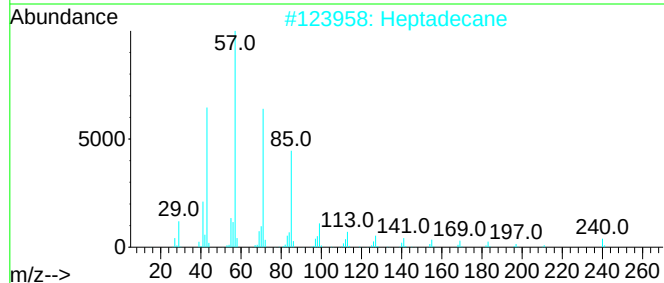
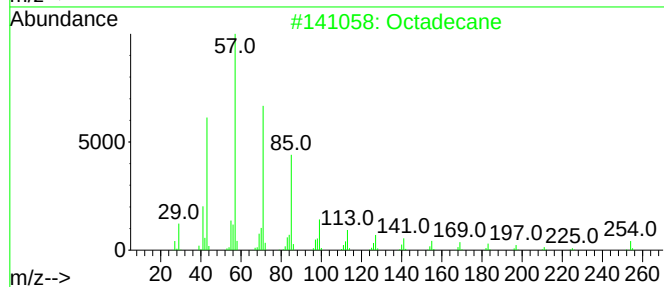
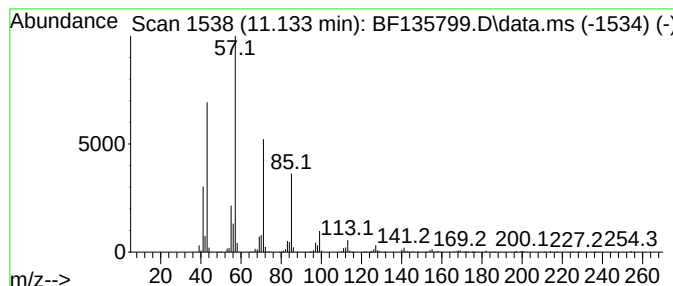
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	24.68 ng	942089	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane	240	C17H36	000629-78-7	94
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

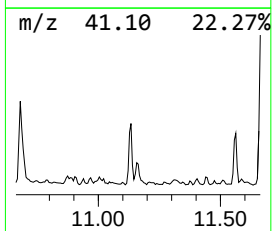
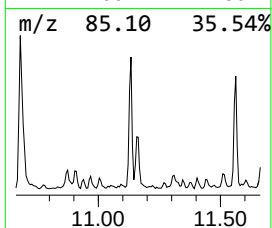
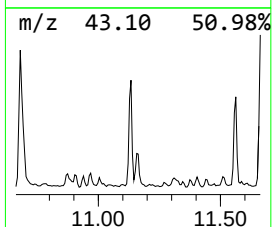
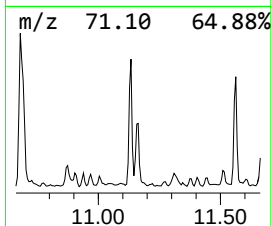
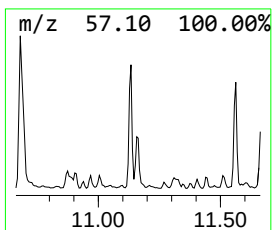
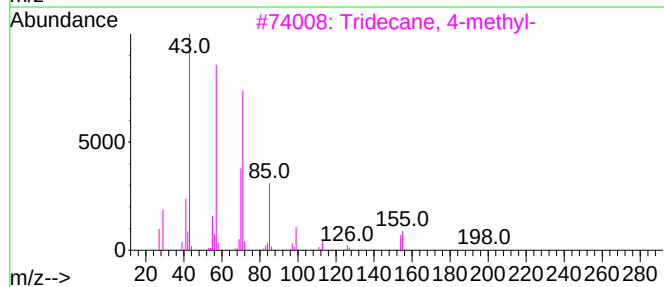
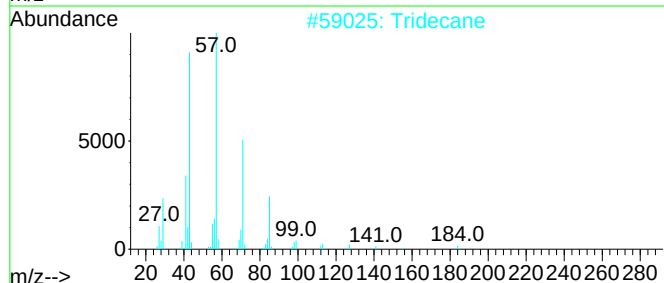
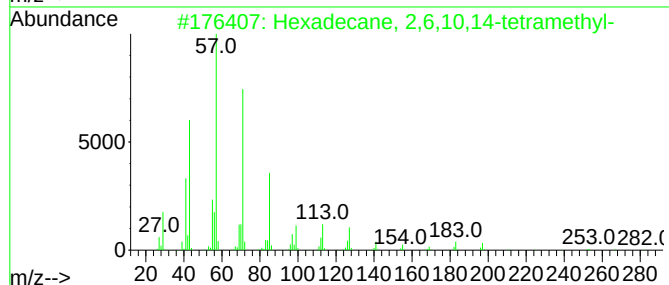
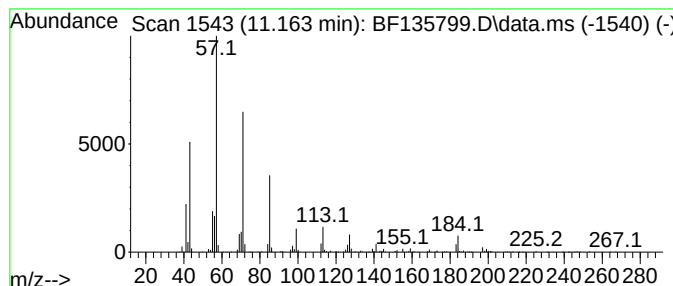
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.163	14.59 ng	556761	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	91
2	Tridecane		184	C13H28	000629-50-5	83
3	Tridecane, 4-methyl-		198	C14H30	026730-12-1	81
4	Hexadecane		226	C16H34	000544-76-3	72
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

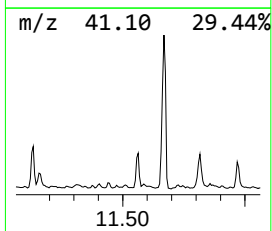
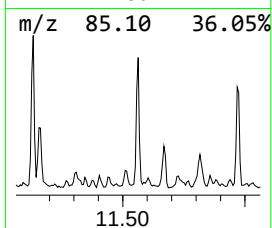
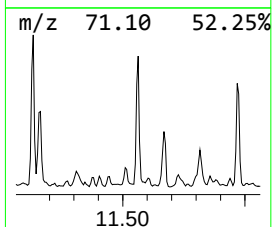
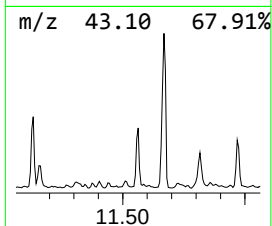
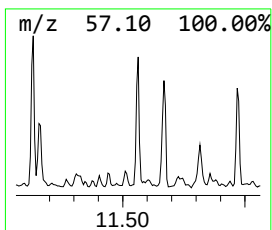
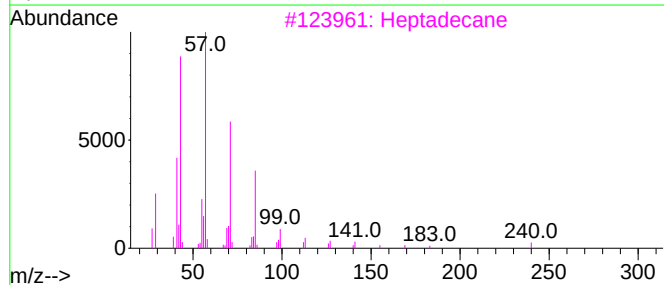
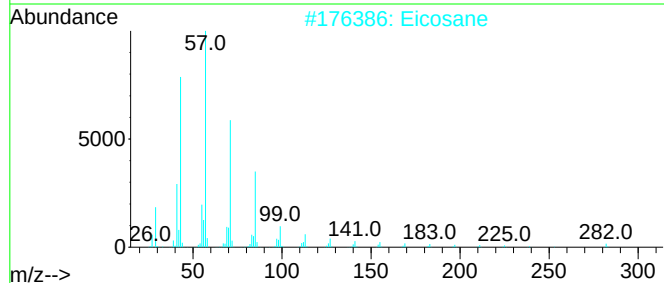
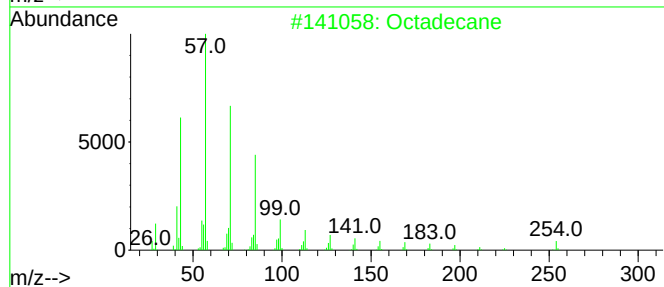
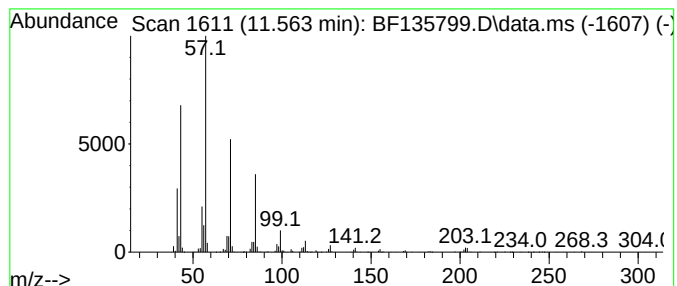
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.563	20.24 ng	772596	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	97
2	Eicosane		282	C20H42	000112-95-8	90
3	Heptadecane		240	C17H36	000629-78-7	87
4	Hexadecane		226	C16H34	000544-76-3	86
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-101123

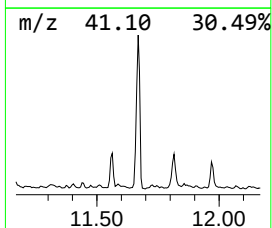
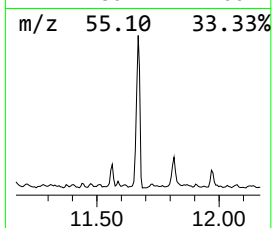
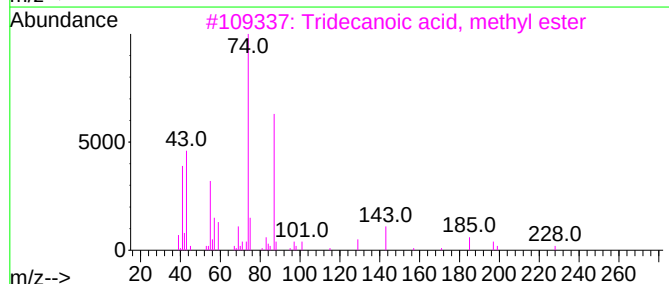
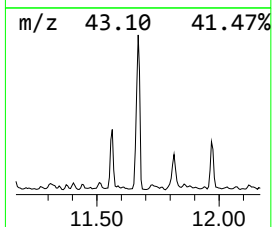
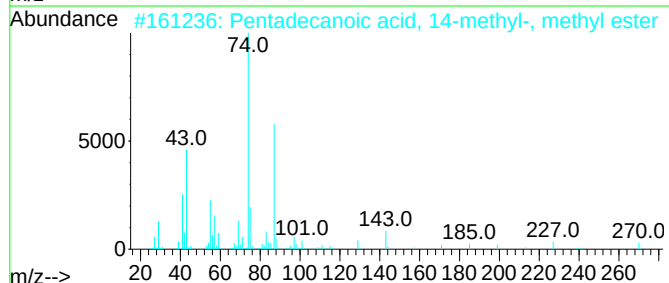
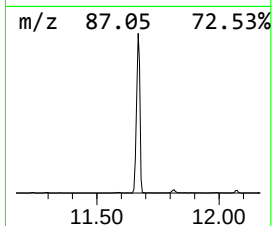
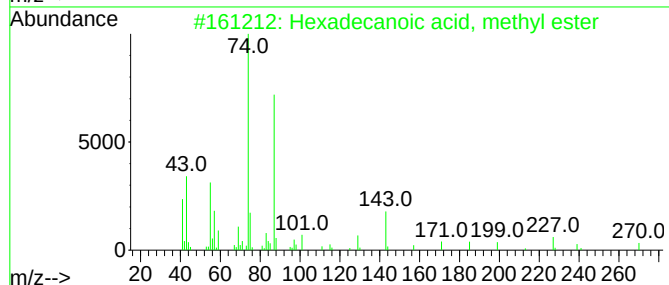
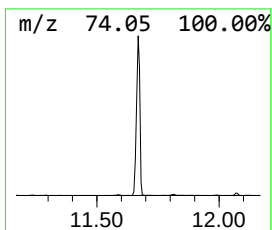
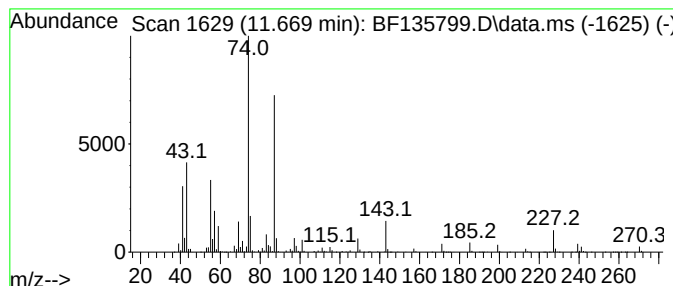
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	121.85 ng	4651110	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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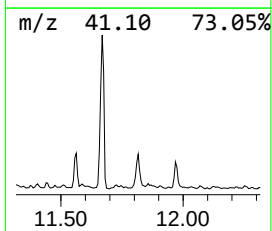
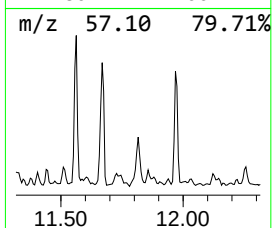
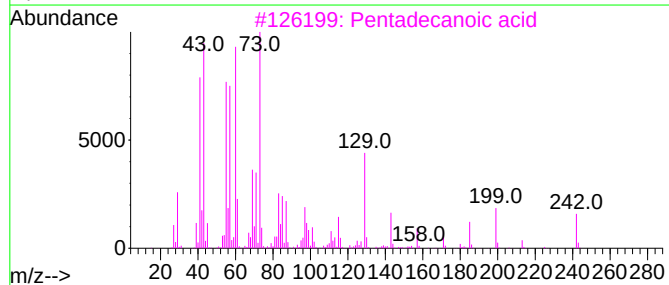
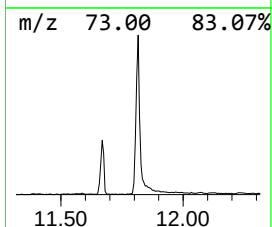
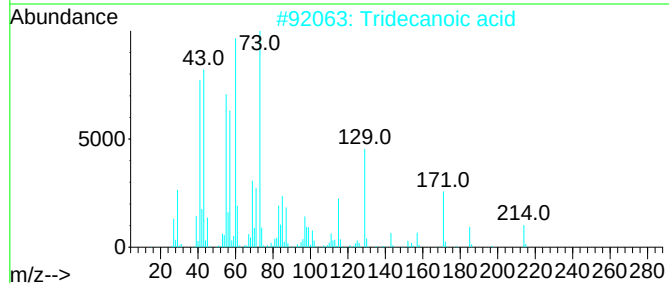
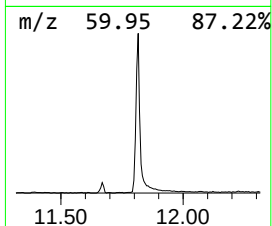
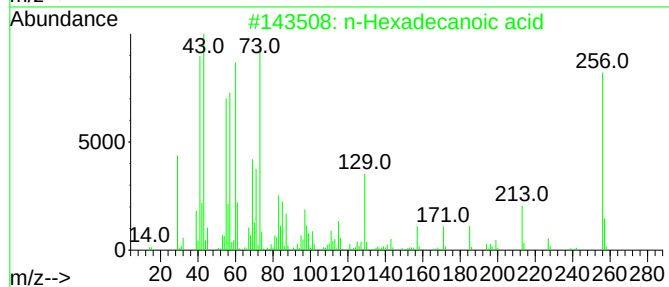
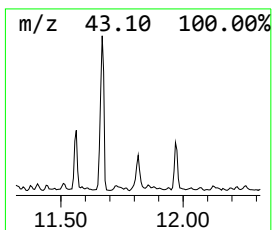
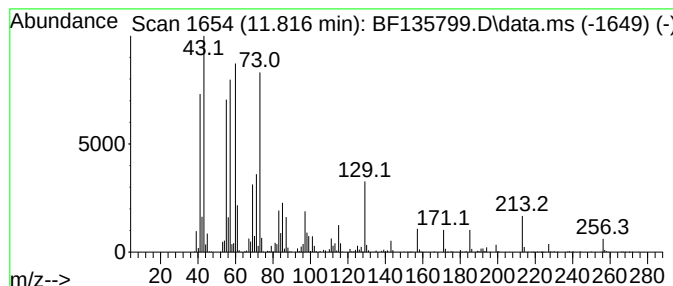
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	26.74 ng	1020580	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
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Sample : 04854-01
Misc :
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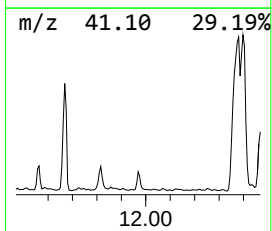
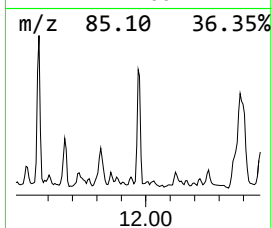
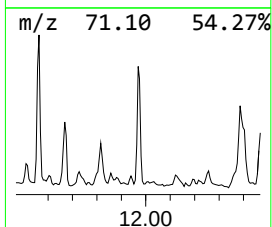
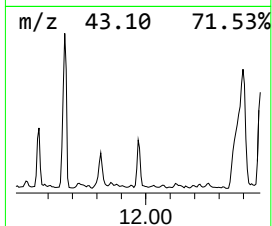
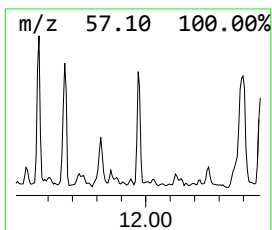
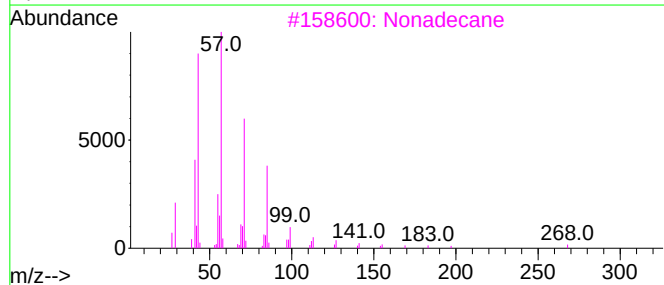
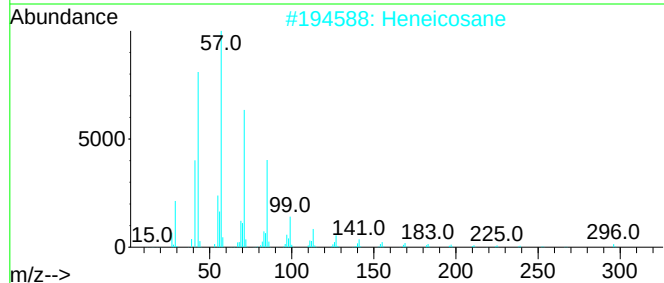
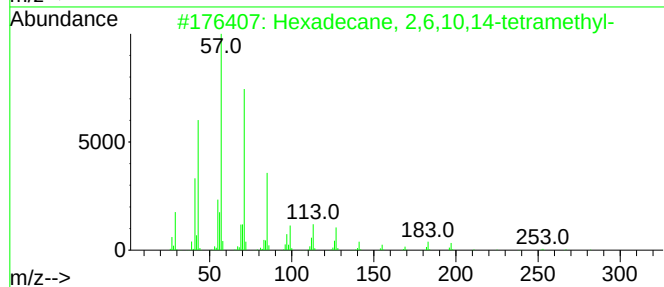
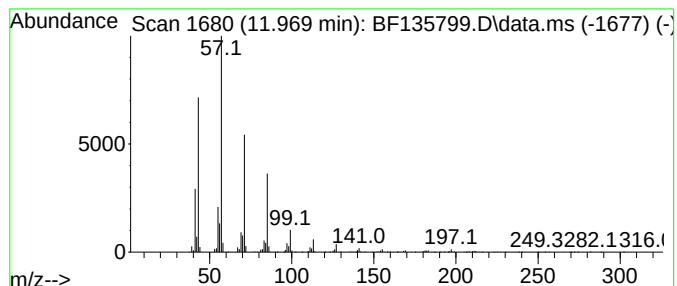
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.969	19.00 ng	725420	Phenanthrene-d10	11.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
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Acq On : 17 Oct 2023 02:59
Operator : CG\JU
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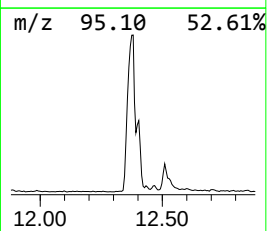
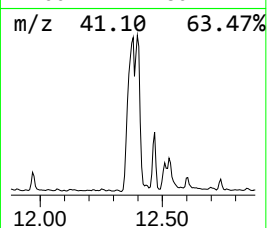
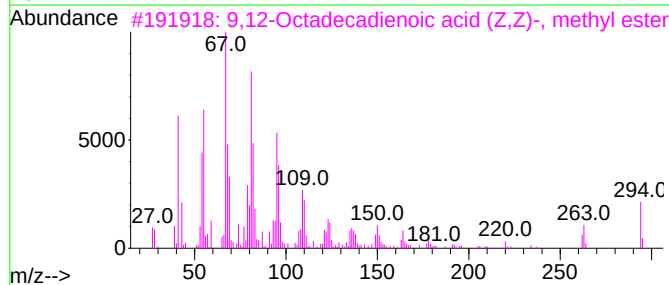
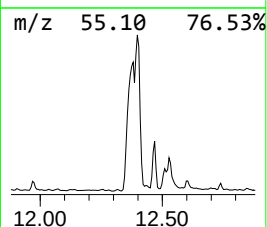
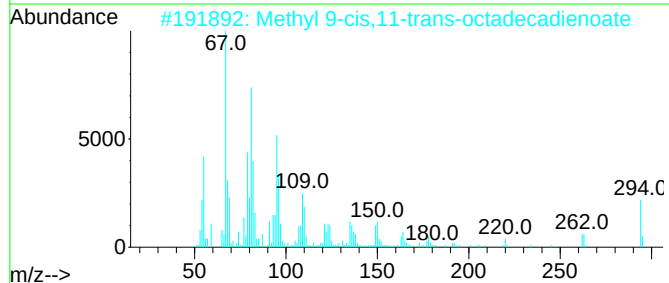
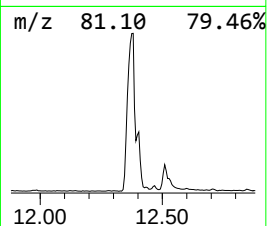
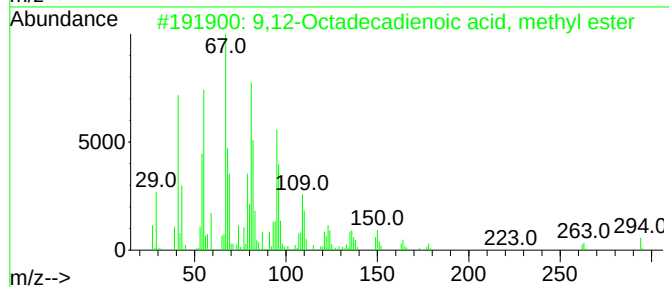
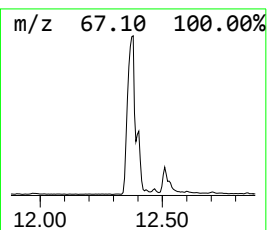
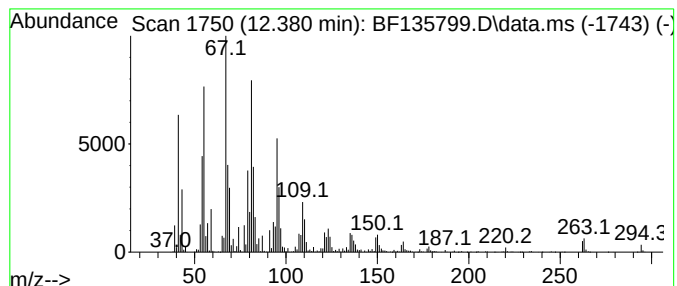
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
12.380	355.11 ng	13554600	Phenanthrene-d10	11.269
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99
2		Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	013058-52-1 99
3		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99
4		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
5		8,11-Octadecadienoic acid, methy...	294 C19H34O2	056599-58-7 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
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Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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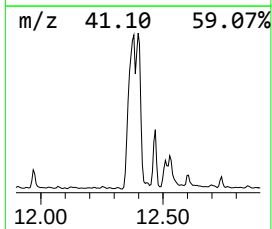
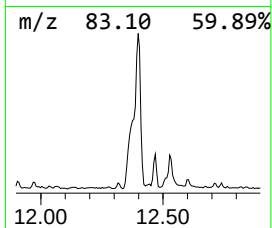
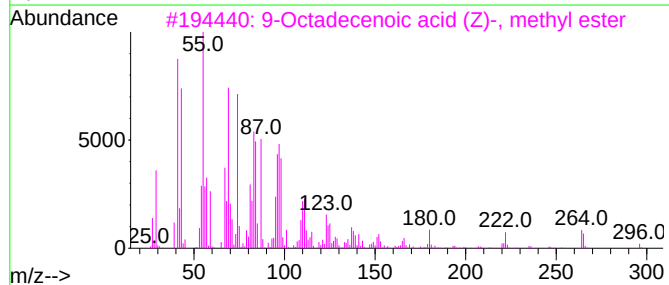
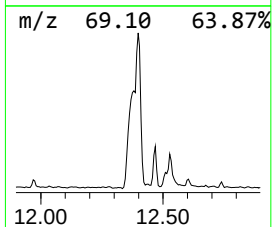
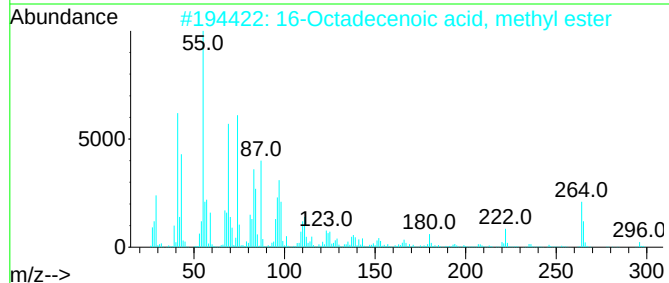
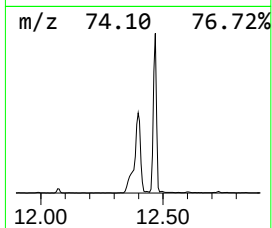
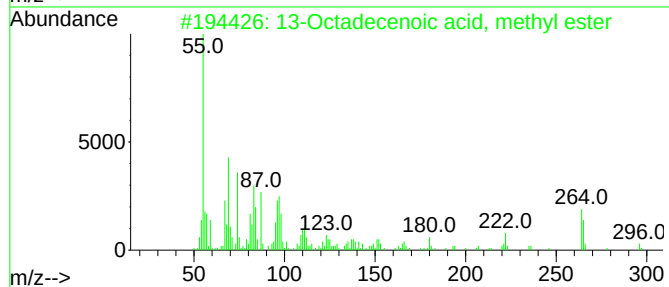
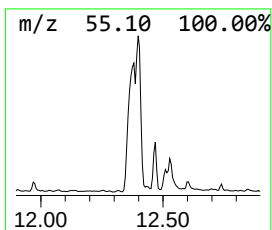
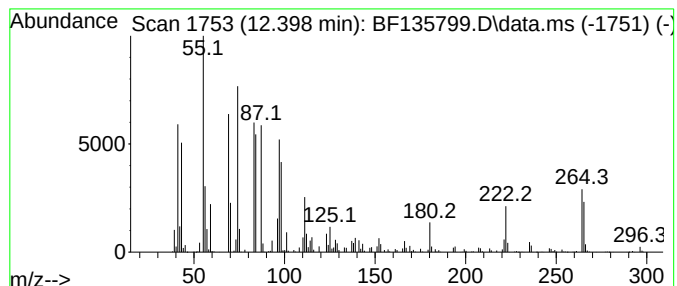
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 13-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	226.24 ng	8635790	Phenanthrene-d10	11.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
5		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

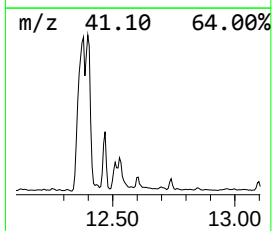
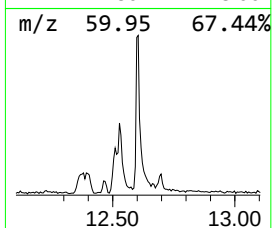
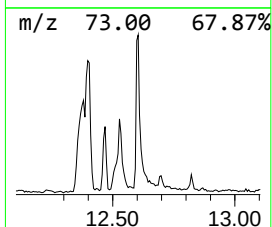
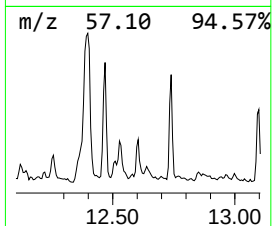
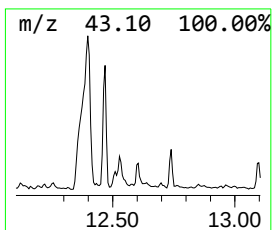
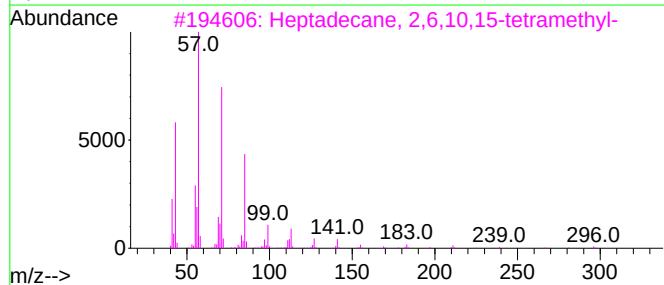
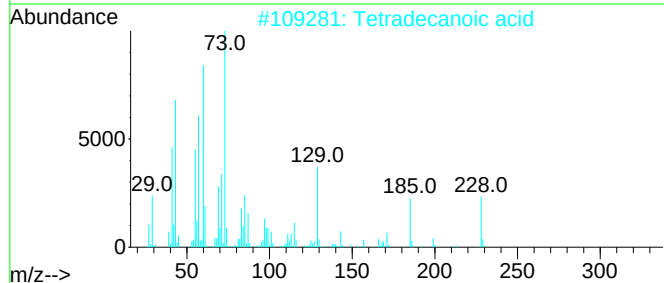
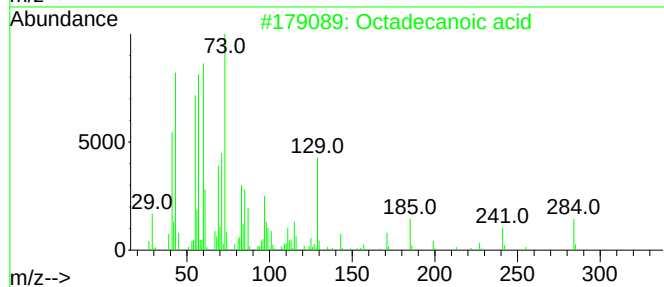
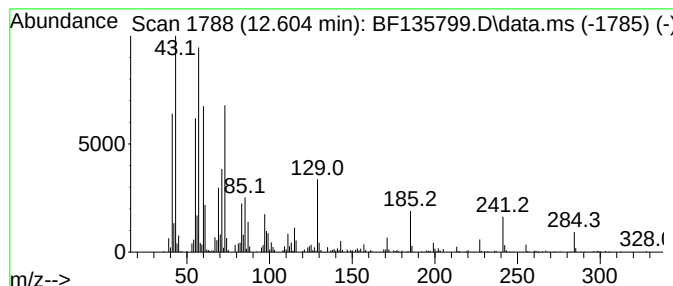
Instrument :
BNA_F
ClientSampleId :
TR-05-101123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	11.35 ng	433115	Phenanthrene-d10	11.269
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 99
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 53
3		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 35
4		Carbonic acid, hexadecyl prop-1-...	326 C20H38O3	1000382-90-3 30
5		Hexadecane, 1-chloro-	260 C16H33Cl	004860-03-1 30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

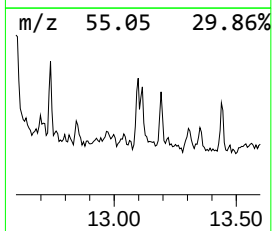
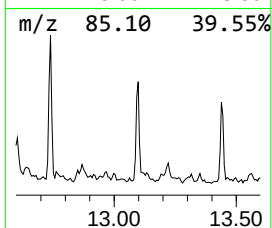
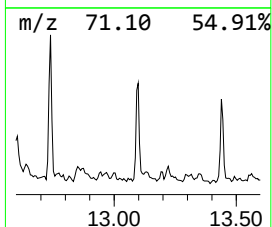
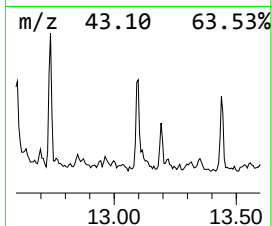
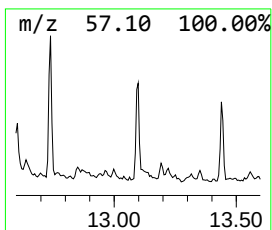
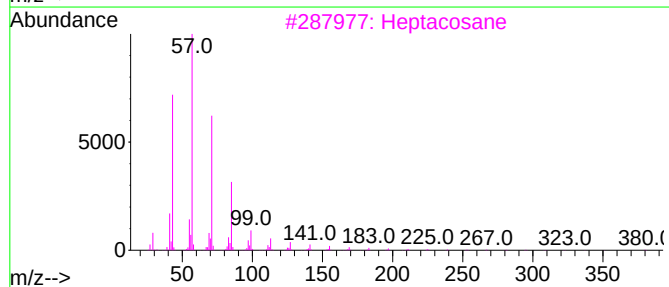
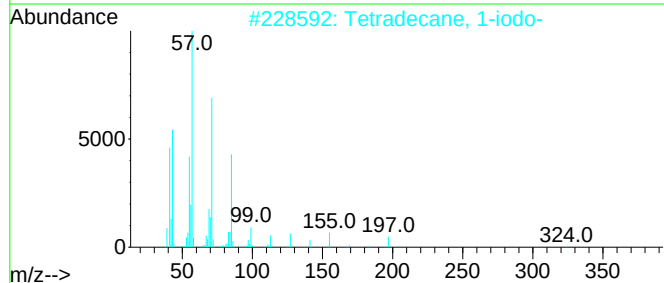
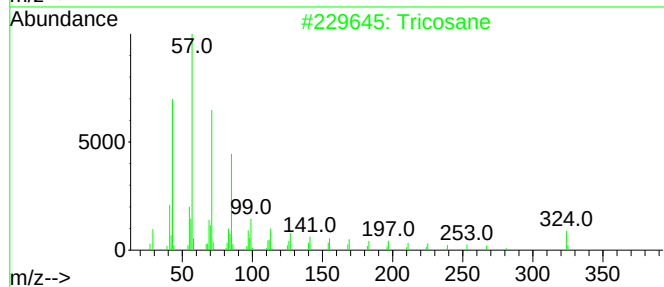
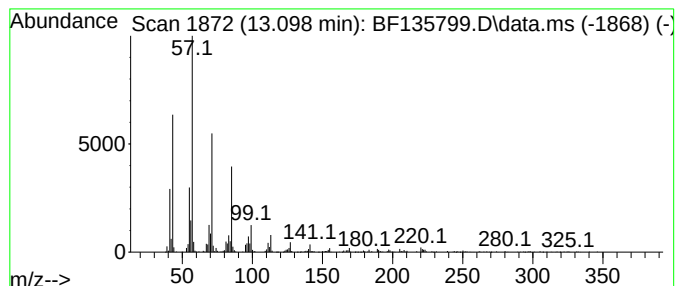
Instrument :
BNA_F
ClientSampleId :
TR-05-101123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tricosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.098	11.60 ng	444365	Chrysene-d12		13.939	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tricosane		324	C23H48	000638-67-5	94
2	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	93
3	Heptacosane		380	C27H56	000593-49-7	91
4	Tetradecane		198	C14H30	000629-59-4	91
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135799.D
Acq On : 17 Oct 2023 02:59
Operator : CG\JU
Sample : 04854-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-101123

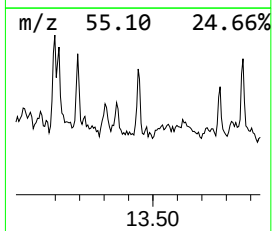
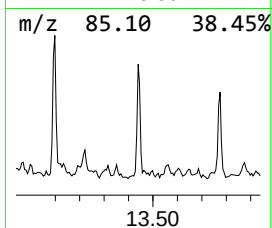
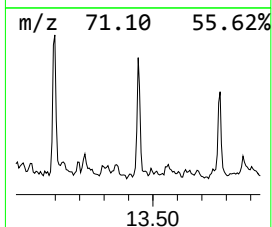
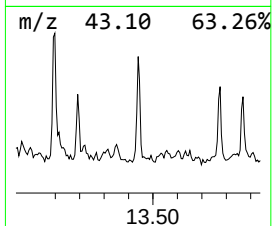
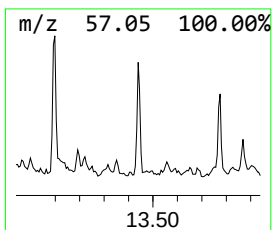
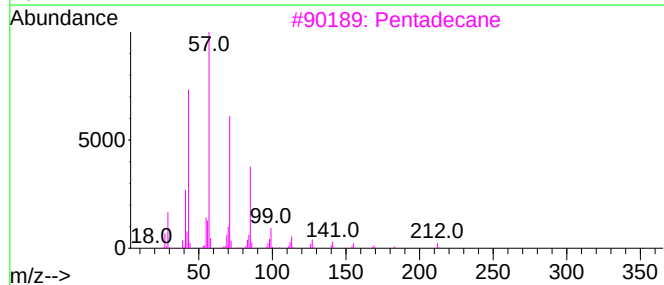
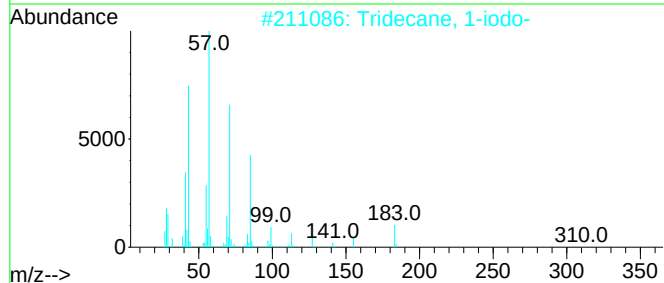
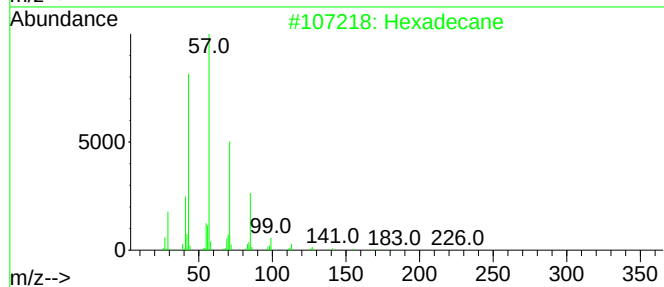
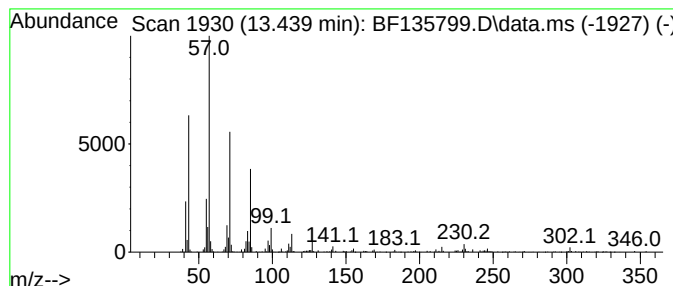
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	7.97 ng	305044	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3			Pentadecane	212	C15H32	000629-62-9	87
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135799.D
 Acq On : 17 Oct 2023 02:59
 Operator : CG\JU
 Sample : 04854-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-101123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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
unknown8.304	8.304	8.8	ng	374526	2	8.016	852366	20.0
Tridecane	8.604	16.6	ng	707011	2	8.016	852366	20.0
Hexadecane	9.175	28.2	ng	1055620	3	9.775	748588	20.0
Tetratetracontane	9.492	16.8	ng	627205	3	9.775	748588	20.0
Decane, 6-ethyl...	9.704	27.7	ng	1035950	3	9.775	748588	20.0
Sulfurous acid,...	10.028	12.5	ng	466560	3	9.775	748588	20.0
Pentadecane	10.204	31.4	ng	1176100	3	9.775	748588	20.0
Undecane, 2,5-d...	10.428	15.7	ng	586046	3	9.775	748588	20.0
Heptadecane	10.681	43.0	ng	1640480	4	11.269	763406	20.0
Octadecane	11.133	24.7	ng	942089	4	11.269	763406	20.0
Hexadecane, 2,6...	11.163	14.6	ng	556761	4	11.269	763406	20.0
Eicosane	11.563	20.2	ng	772596	4	11.269	763406	20.0
Hexadecanoic ac...	11.669	121.8	ng	4651110	4	11.269	763406	20.0
n-Hexadecanoic ...	11.816	26.7	ng	1020580	4	11.269	763406	20.0
Heneicosane	11.969	19.0	ng	725420	4	11.269	763406	20.0
9,12-Octadecadi...	12.380	355.1	ng	13554600	4	11.269	763406	20.0
13-Octadecenoic...	12.398	226.2	ng	8635790	4	11.269	763406	20.0
Octadecanoic acid	12.604	11.4	ng	433115	4	11.269	763406	20.0
Tricosane	13.098	11.6	ng	444365	5	13.939	765840	20.0
Tridecane, 1-iodo-	13.439	8.0	ng	305044	5	13.939	765840	20.0