

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130456.D
 Acq On : 28 Sep 2022 19:48
 Operator : CG\JU
 Sample : N4855-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OE-02-092822

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-BF091422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.816	460	464	475	rBV	289940	312993	22.54%	1.334%
2	5.245	534	537	545	rBV	1092706	1011716	72.86%	4.312%
3	6.286	710	714	726	rBV	1039311	991293	71.39%	4.224%
4	6.481	742	747	752	rVB2	92945	117014	8.43%	0.499%
5	6.645	771	775	782	rVB	640213	547240	39.41%	2.332%
6	6.928	819	823	825	rVB2	63660	69353	4.99%	0.296%
7	6.969	825	830	832	rBV2	59339	75338	5.43%	0.321%
8	7.039	838	842	845	rBV2	91491	84754	6.10%	0.361%
9	7.181	861	866	868	rVV	76225	94632	6.82%	0.403%
10	7.210	868	871	875	rVV	739092	632413	45.55%	2.695%
11	7.245	875	877	880	rVV	230325	201912	14.54%	0.860%
12	7.298	880	886	888	rVV5	71705	96588	6.96%	0.412%
13	7.363	894	897	901	rVV5	59578	72460	5.22%	0.309%
14	7.451	905	912	916	rVB3	127036	187587	13.51%	0.799%
15	7.563	927	931	933	rVB3	41729	50772	3.66%	0.216%
16	7.616	936	940	943	rVB3	72740	93158	6.71%	0.397%
17	7.651	943	946	947	rBV	100057	81059	5.84%	0.345%
18	7.669	947	949	950	rVV2	71880	57683	4.15%	0.246%
19	7.686	950	952	956	rVB4	81907	101161	7.29%	0.431%
20	7.769	964	966	968	rVB	101546	75179	5.41%	0.320%
21	7.798	968	971	974	rBV2	45517	52344	3.77%	0.223%
22	7.833	974	977	979	rVB	57363	46657	3.36%	0.199%
23	7.886	980	986	988	rBV5	85792	141588	10.20%	0.603%
24	7.928	988	993	996	rVV2	770210	924376	66.57%	3.939%
25	7.975	999	1001	1003	rVV	68125	55421	3.99%	0.236%
26	7.992	1003	1004	1007	rVB	132936	99742	7.18%	0.425%
27	8.022	1007	1009	1012	rBV3	77867	66341	4.78%	0.283%
28	8.098	1016	1022	1025	rBV5	64617	116524	8.39%	0.497%
29	8.128	1025	1027	1030	rVB2	127355	109373	7.88%	0.466%
30	8.175	1030	1035	1038	rBV3	55867	89789	6.47%	0.383%
31	8.222	1038	1043	1046	rBV5	120356	190264	13.70%	0.811%
32	8.280	1050	1053	1056	rBV3	118108	111186	8.01%	0.474%
33	8.310	1056	1058	1061	rBV2	148657	138943	10.01%	0.592%
34	8.357	1061	1066	1068	rBV3	177259	210906	15.19%	0.899%
35	8.392	1071	1072	1075	rVB2	73801	56858	4.09%	0.242%
36	8.433	1075	1079	1082	rBV2	286602	264466	19.05%	1.127%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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37	8.527	1091	1095	1097	rBV2	420380	391309	28.18%	1.668%
38	8.586	1103	1105	1108	rVV	125796	91648	6.60%	0.391%
39	8.622	1108	1111	1113	rVV3	90420	89678	6.46%	0.382%
40	8.751	1127	1133	1135	rBV2	267993	265647	19.13%	1.132%
41	8.804	1140	1142	1145	rVV4	83869	88647	6.38%	0.378%
42	8.833	1145	1147	1149	rVV3	65386	60948	4.39%	0.260%
43	8.875	1149	1154	1155	rVV4	73953	112597	8.11%	0.480%
44	8.892	1155	1157	1159	rVB2	123869	91579	6.60%	0.390%
45	8.927	1161	1163	1165	rVV2	48637	52329	3.77%	0.223%
46	8.951	1165	1167	1172	rVV2	216222	246764	17.77%	1.052%
47	9.004	1173	1176	1179	rVV	1361498	1022673	73.65%	4.358%
48	9.039	1180	1182	1185	rVB2	72010	53394	3.85%	0.228%
49	9.086	1187	1190	1195	rVV	466115	457606	32.96%	1.950%
50	9.151	1199	1201	1204	rVV	167110	168102	12.11%	0.716%
51	9.316	1226	1229	1231	rBV3	88761	95027	6.84%	0.405%
52	9.339	1231	1233	1235	rVV3	140165	142832	10.29%	0.609%
53	9.363	1235	1237	1239	rVV2	146454	116135	8.36%	0.495%
54	9.404	1239	1244	1247	rVV3	279128	342318	24.65%	1.459%
55	9.433	1247	1249	1251	rVB3	164756	137044	9.87%	0.584%
56	9.463	1251	1254	1257	rVB3	151685	160589	11.57%	0.684%
57	9.498	1257	1260	1265	rBV5	42171	65595	4.72%	0.280%
58	9.539	1265	1267	1269	rBV3	47223	51152	3.68%	0.218%
59	9.586	1272	1275	1278	rBV4	68208	78041	5.62%	0.333%
60	9.616	1278	1280	1284	rVB	498831	408670	29.43%	1.742%
61	9.680	1284	1291	1294	rBV	781311	794512	57.22%	3.386%
62	9.745	1299	1302	1306	rVB5	65256	94785	6.83%	0.404%
63	9.786	1306	1309	1312	rVB3	79130	87234	6.28%	0.372%
64	9.857	1316	1321	1322	rBV4	81535	128618	9.26%	0.548%
65	9.939	1330	1335	1340	rBV7	137430	150480	10.84%	0.641%
66	9.998	1342	1345	1352	rBV6	64809	121266	8.73%	0.517%
67	10.051	1352	1354	1358	rBV5	41799	49212	3.54%	0.210%
68	10.116	1362	1365	1368	rVB	523738	379628	27.34%	1.618%
69	10.169	1372	1374	1379	rVB6	72853	101398	7.30%	0.432%
70	10.222	1380	1383	1385	rBV2	73764	87749	6.32%	0.374%
71	10.333	1396	1402	1405	rBV	266058	348136	25.07%	1.484%
72	10.386	1408	1411	1414	rVB4	80808	99320	7.15%	0.423%
73	10.422	1414	1417	1420	rBV2	87176	99798	7.19%	0.425%
74	10.463	1420	1424	1428	rBV	755612	726120	52.29%	3.094%
75	10.586	1442	1445	1453	rVB	538257	725737	52.27%	3.093%
76	10.651	1453	1456	1463	rBV4	38374	73686	5.31%	0.314%

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77	10.845	1487	1489	1492	rBV3	57292	50951	3.67%	0.217%
78	11.033	1518	1521	1524	rBV	411547	366309	26.38%	1.561%
79	11.063	1524	1526	1533	rVB2	310090	312579	22.51%	1.332%
80	11.157	1539	1542	1545	rBV	711562	707751	50.97%	3.016%
81	11.180	1545	1546	1549	rVV	377816	286422	20.63%	1.221%
82	11.233	1553	1555	1560	rVB	116929	106563	7.67%	0.454%
83	11.304	1565	1567	1572	rVV3	43897	56009	4.03%	0.239%
84	11.345	1572	1574	1576	rVB	56474	43337	3.12%	0.185%
85	11.410	1583	1585	1589	rVB2	77232	74093	5.34%	0.316%
86	11.463	1591	1594	1597	rBV	400434	321158	23.13%	1.369%
87	11.563	1609	1611	1616	rVB2	105828	100137	7.21%	0.427%
88	11.692	1630	1633	1636	rVB2	99904	107507	7.74%	0.458%
89	11.768	1644	1646	1649	rVB	100071	79685	5.74%	0.340%
90	11.868	1660	1663	1666	rBV	351790	296285	21.34%	1.263%
91	12.210	1719	1721	1724	rVB	76182	55759	4.02%	0.238%
92	12.251	1724	1728	1733	rBV3	364994	646969	46.59%	2.757%
93	12.368	1744	1748	1750	rBV	346538	301344	21.70%	1.284%
94	12.598	1784	1787	1789	rVB	269203	240738	17.34%	1.026%
95	12.627	1789	1792	1794	rVB	221349	175867	12.67%	0.749%
96	12.745	1808	1812	1819	rBV	1657997	1388521	100.00%	5.917%
97	12.980	1850	1852	1856	rVB2	152817	152193	10.96%	0.649%
98	13.321	1908	1910	1913	rVB	104734	98070	7.06%	0.418%
99	13.792	1986	1990	1993	rBV	694098	666339	47.99%	2.840%
100	15.186	2224	2227	2231	rVB	338666	343840	24.76%	1.465%

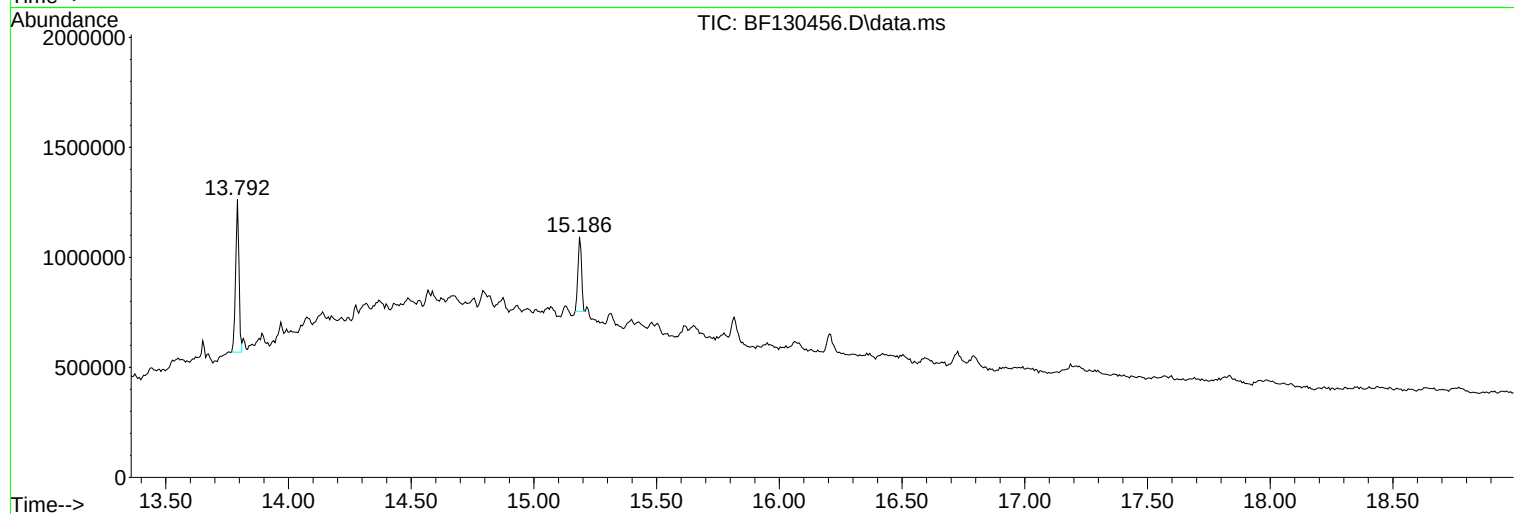
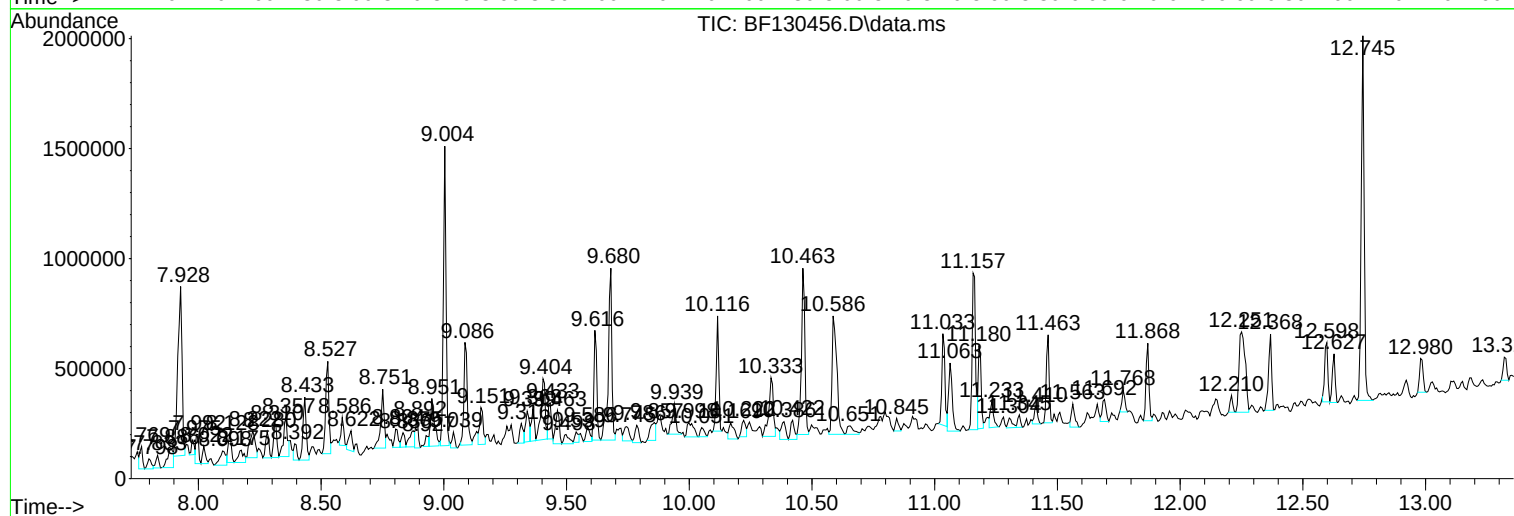
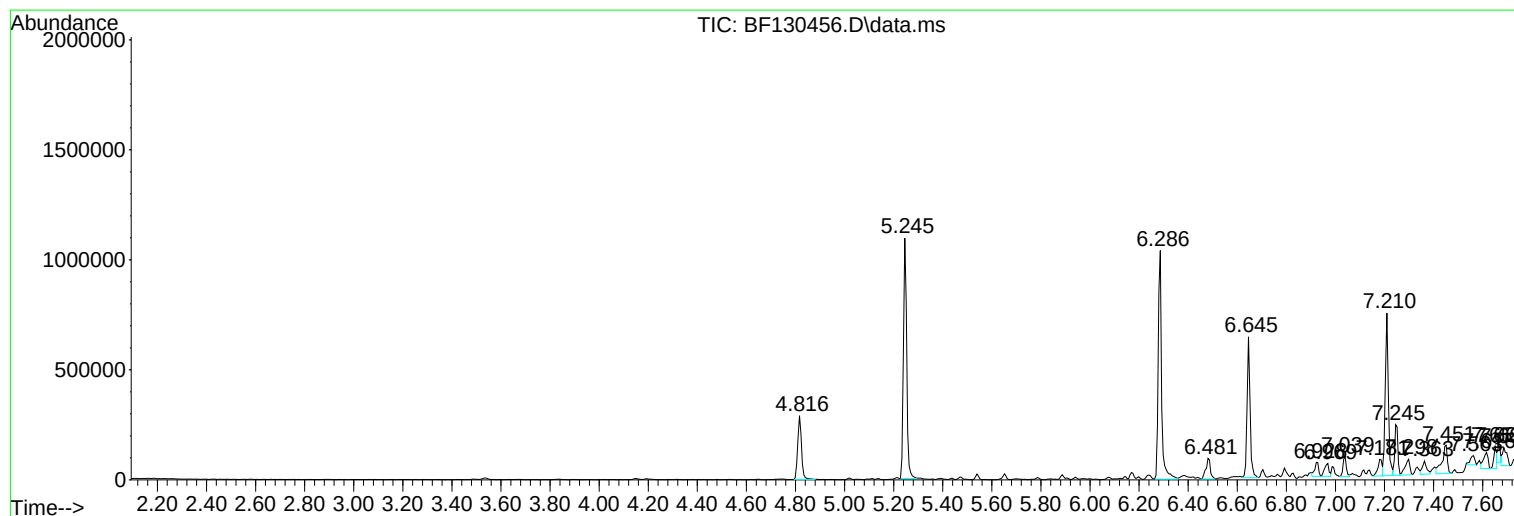
Sum of corrected areas: 23465512

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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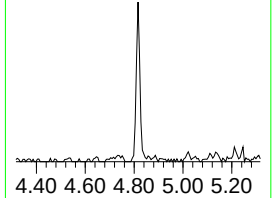
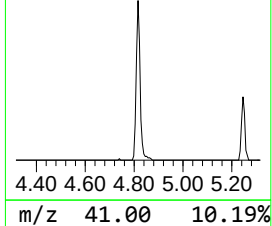
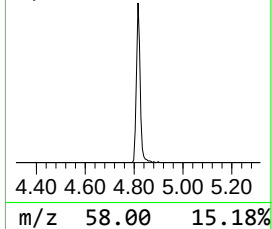
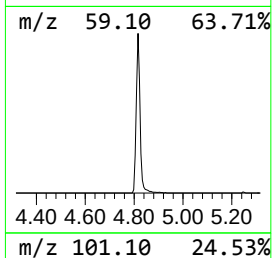
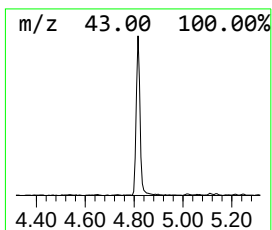
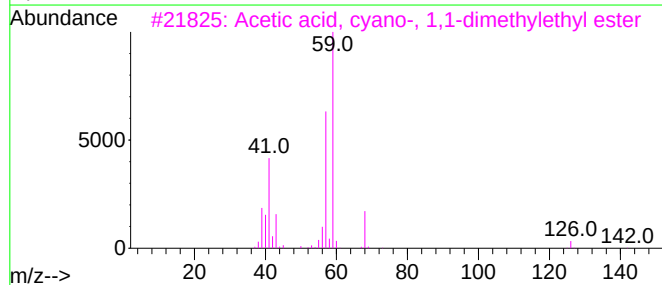
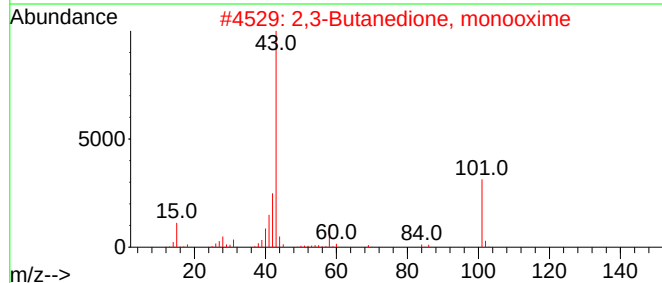
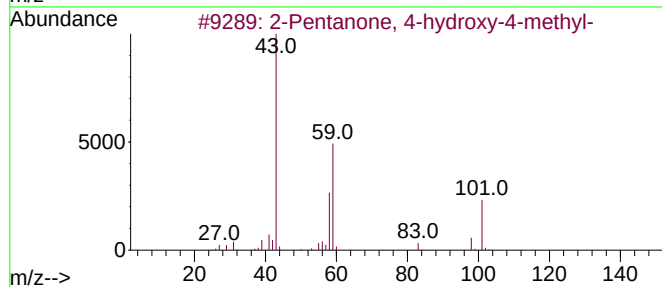
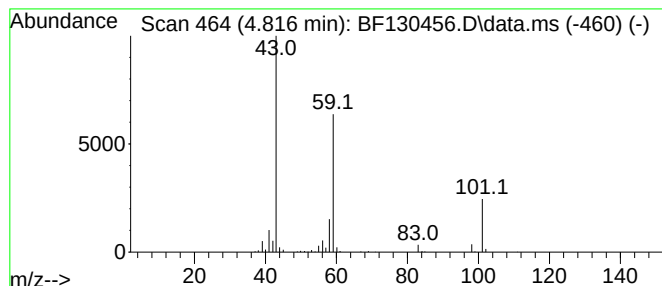
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.816	11.44 ng	312993	1,4-Dichlorobenzene-d4	6.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		



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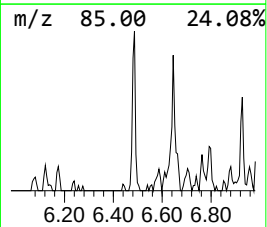
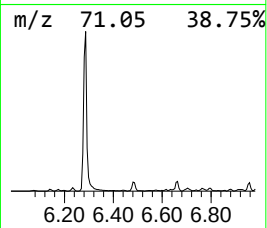
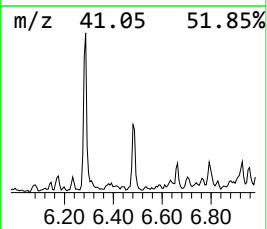
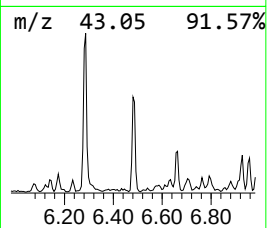
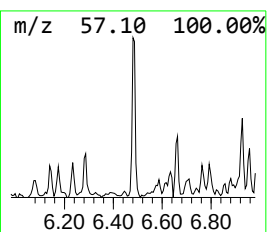
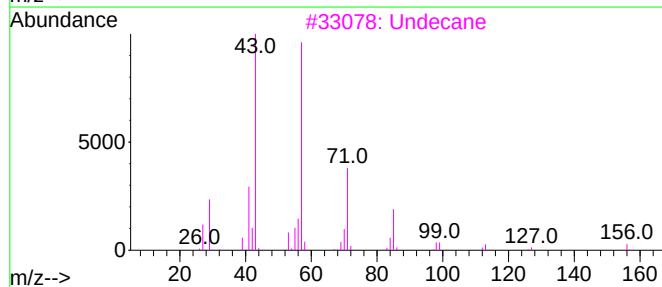
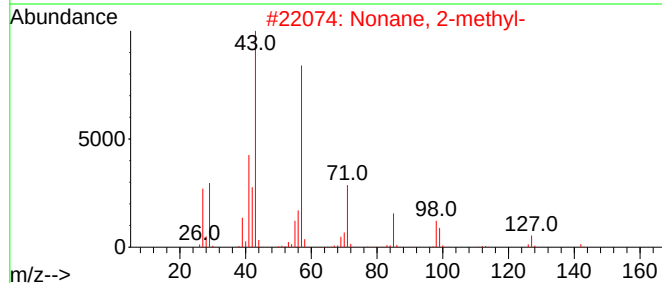
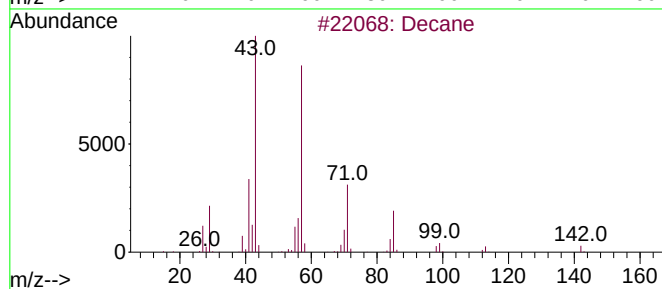
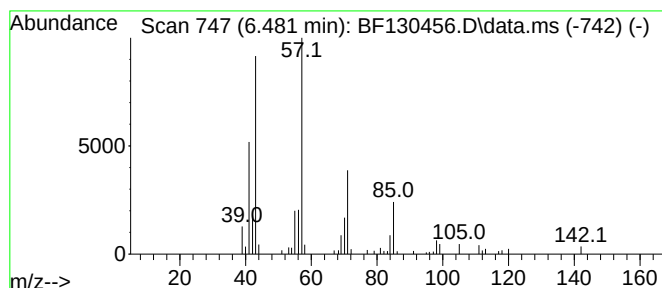
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.481	4.28 ng	117014	1,4-Dichlorobenzene-d4	6.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	91
2			Nonane, 2-methyl-	142	C10H22	000871-83-0	80
3			Undecane	156	C11H24	001120-21-4	72
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5			Nonane	128	C9H20	000111-84-2	64



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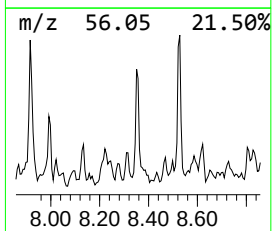
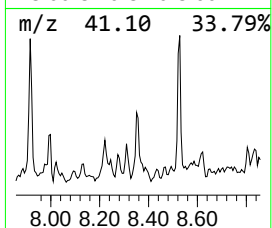
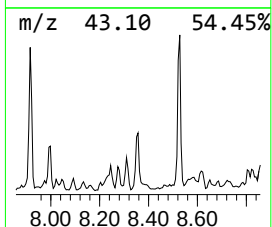
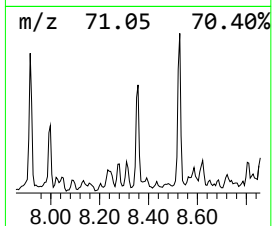
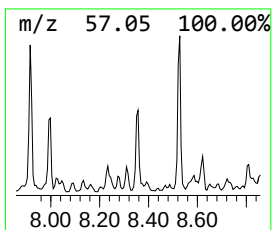
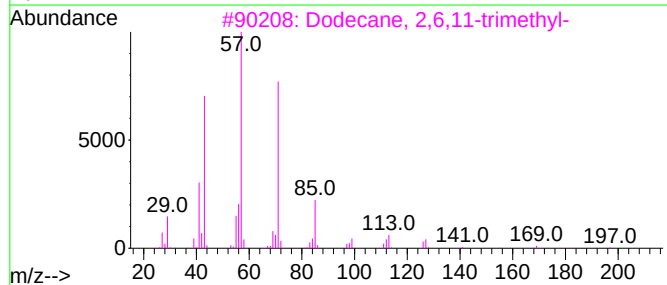
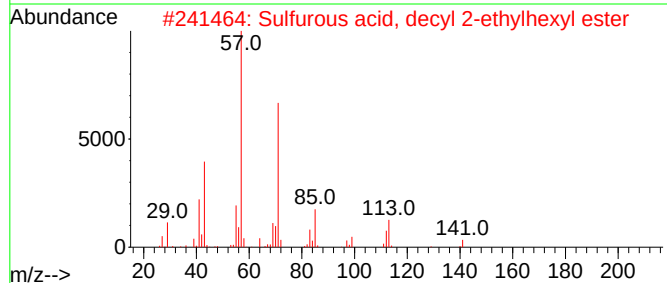
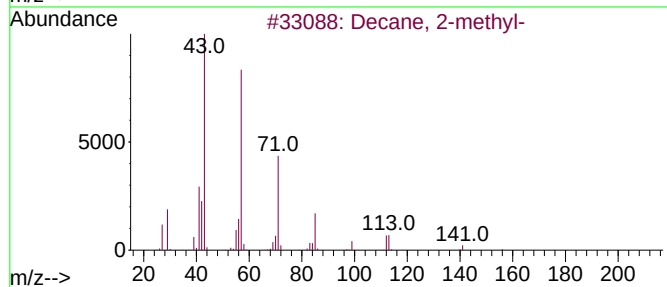
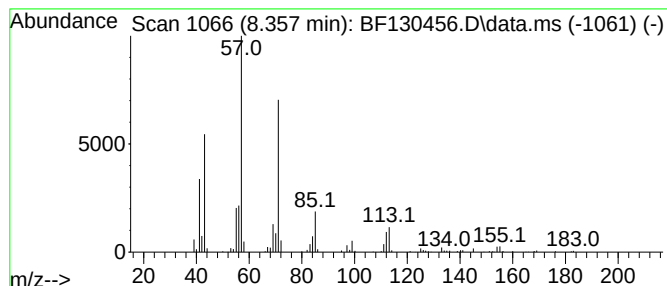
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.357	4.56 ng	210906	Naphthalene-d8	7.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	91
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

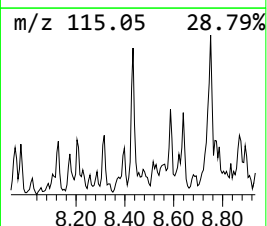
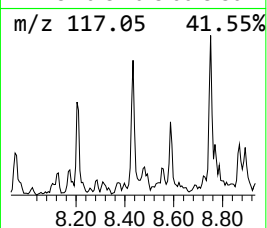
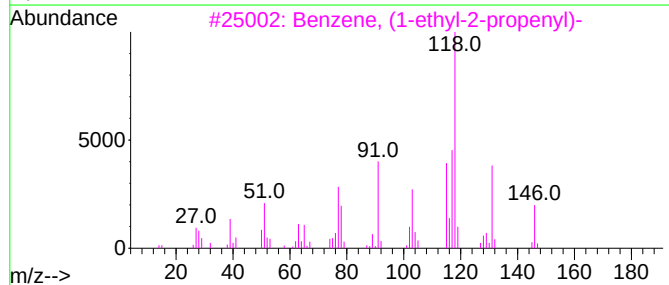
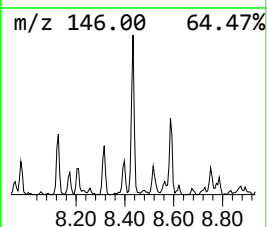
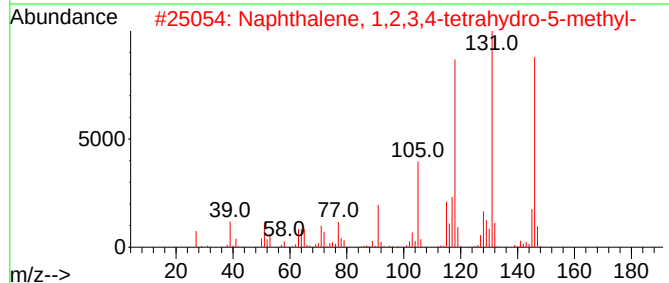
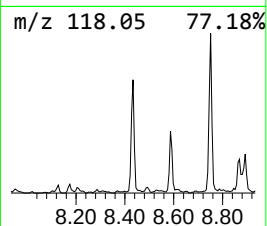
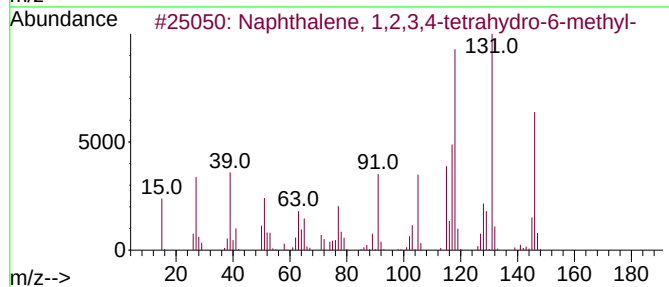
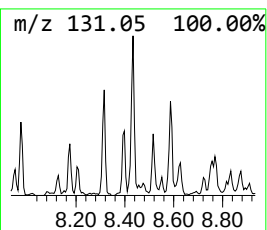
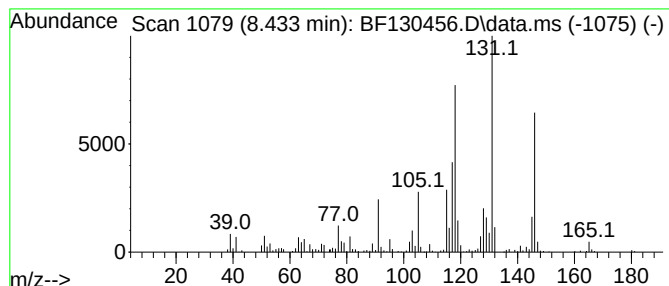
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.433	5.72 ng	264466	Naphthalene-d8	7.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3			Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
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Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
OE-02-092822

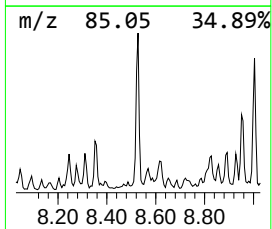
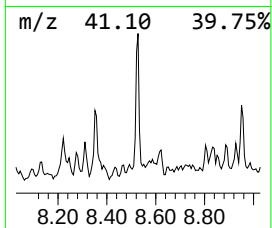
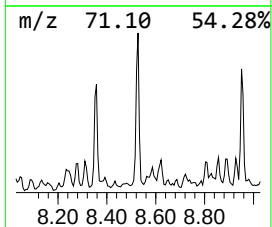
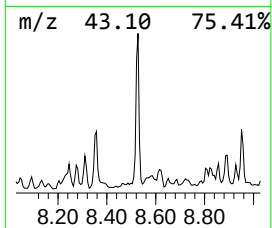
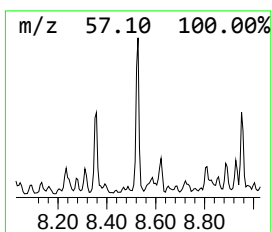
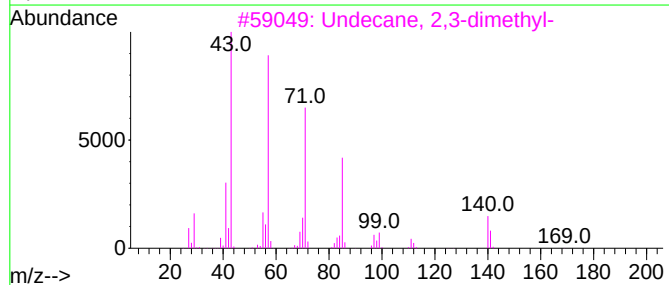
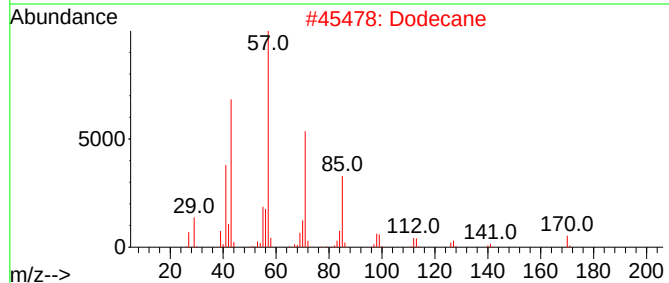
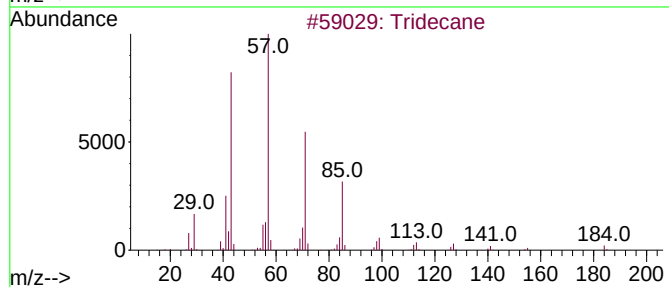
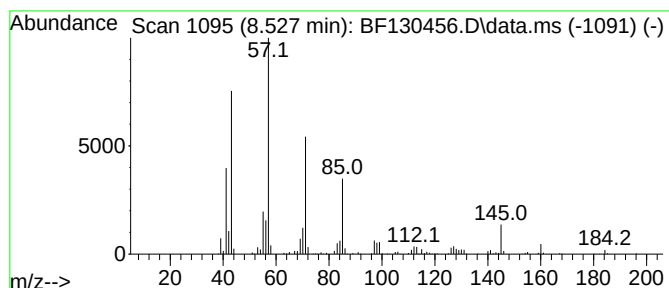
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.527	8.47 ng	391309	Naphthalene-d8	7.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Dodecane	170	C12H26	000112-40-3	80
3			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
4			Pentadecane	212	C15H32	000629-62-9	72
5			Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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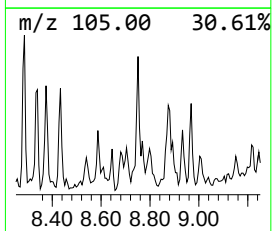
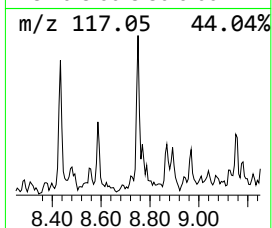
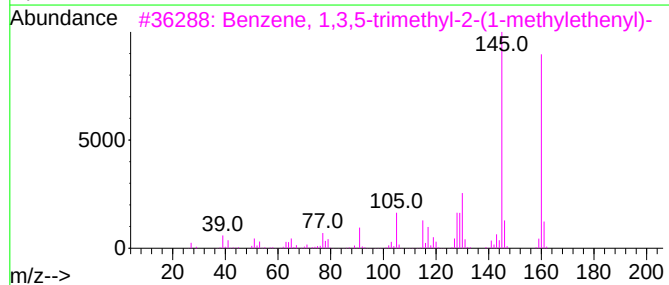
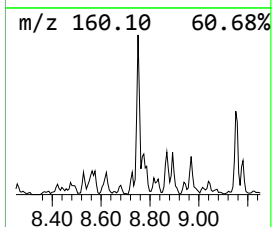
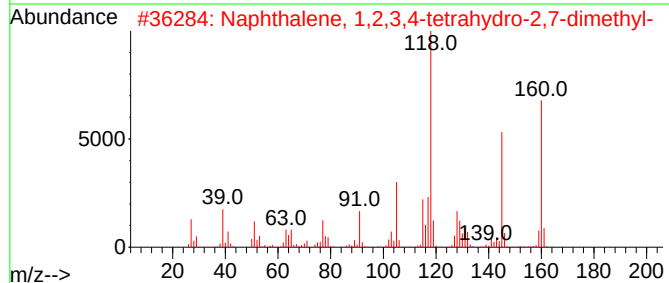
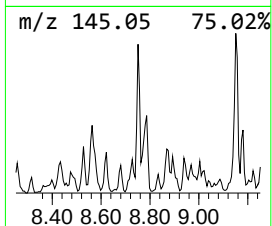
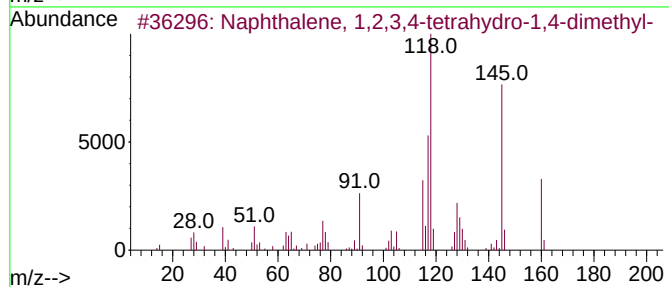
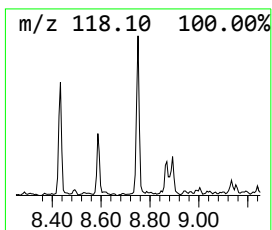
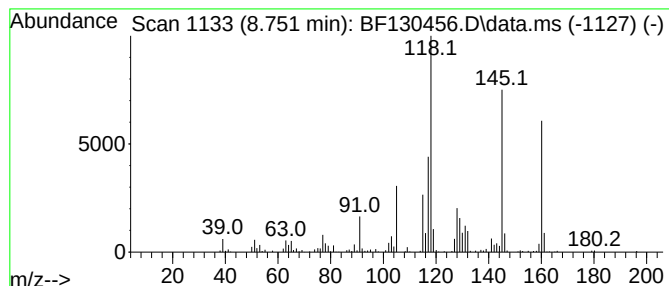
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.751	5.75 ng	265647	Naphthalene-d8	7.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4			Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	68
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
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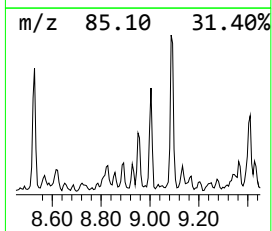
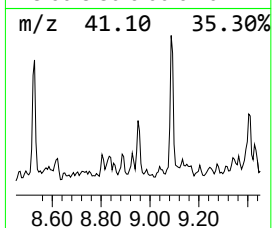
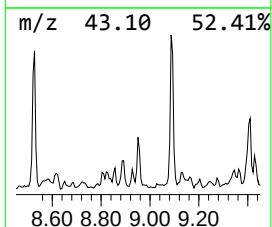
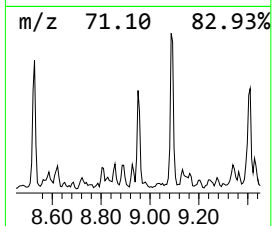
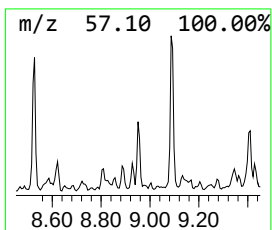
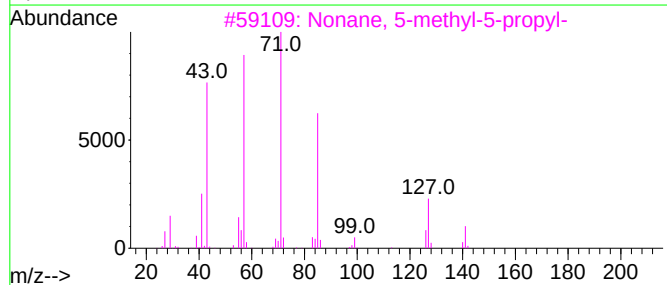
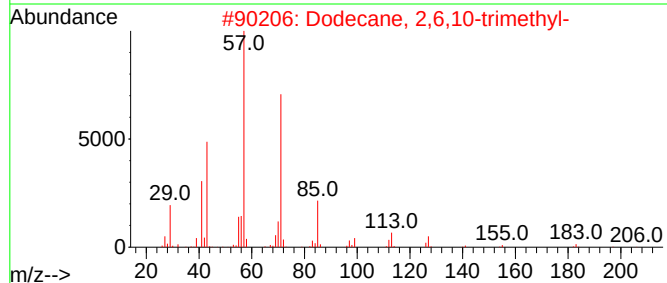
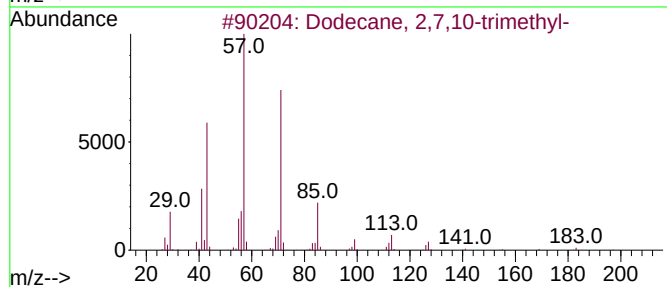
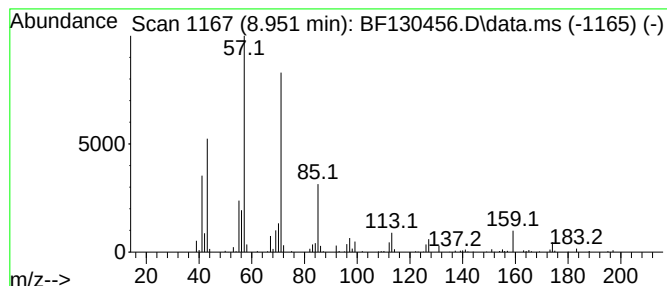
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.951	6.21 ng	246764	Acenaphthene-d10	9.680

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50
4			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	50
5			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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OE-02-092822

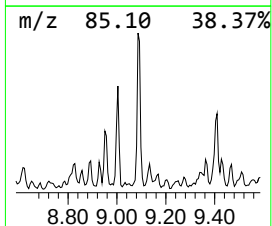
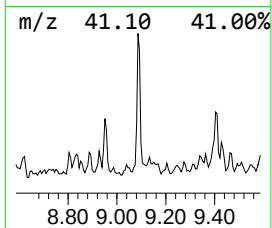
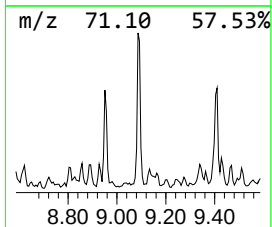
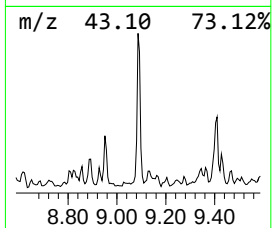
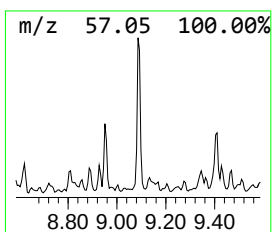
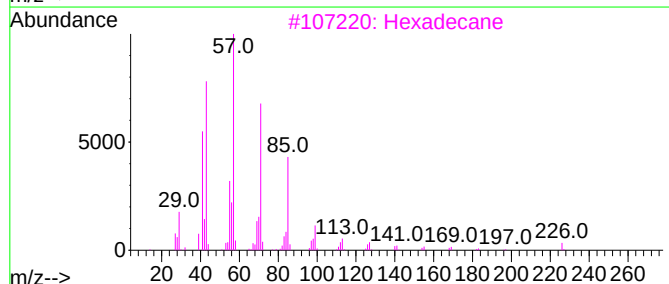
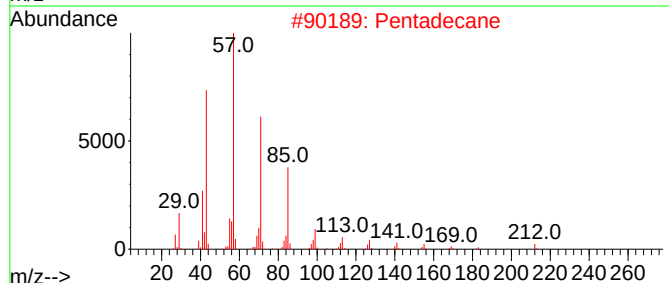
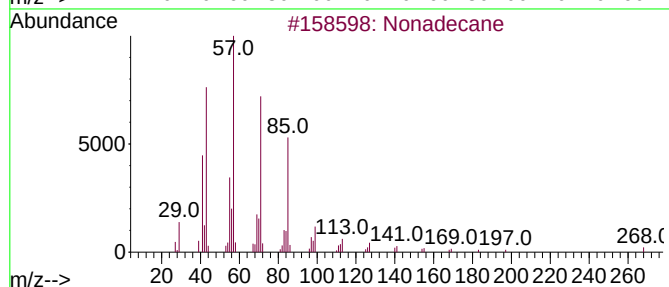
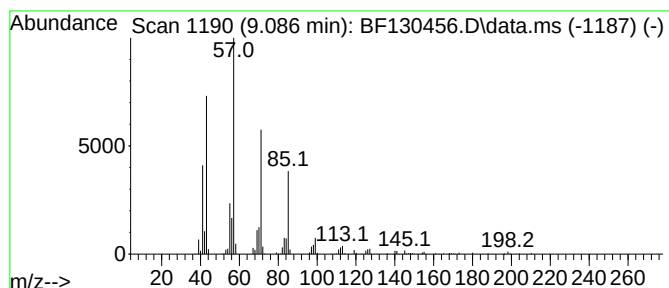
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.086	11.52 ng	457606	Acenaphthene-d10	9.680

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Hexadecane	226	C16H34	000544-76-3	87
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
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ClientSampleId :
OE-02-092822

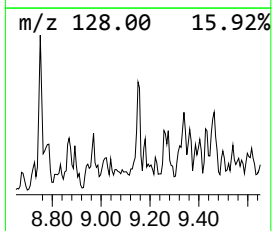
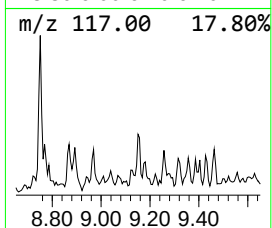
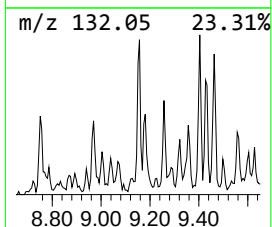
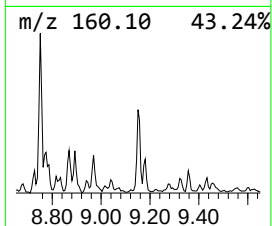
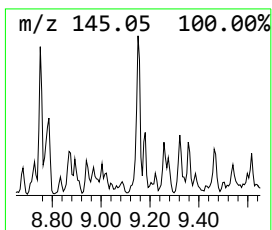
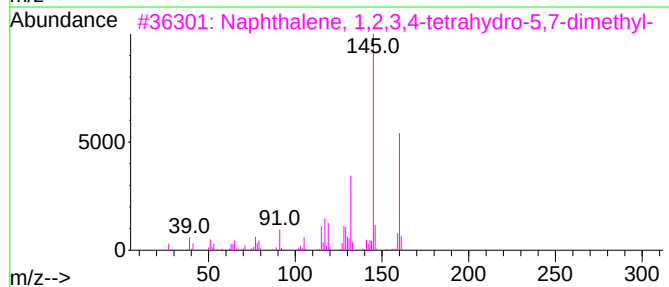
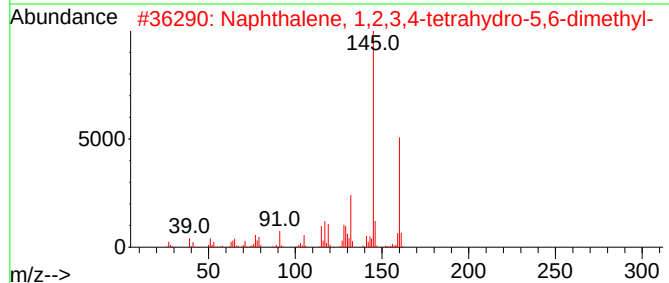
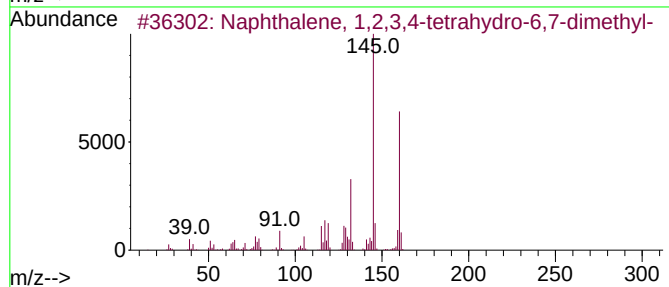
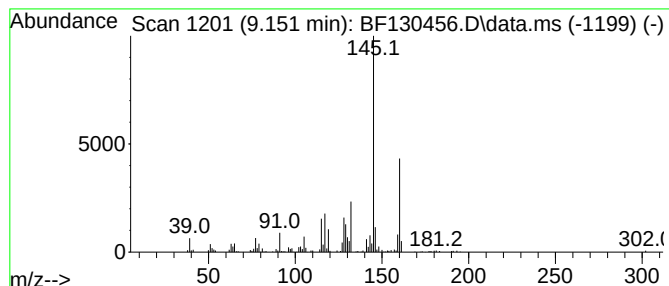
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.151	4.23 ng	168102	Acenaphthene-d10	9.680

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	97
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
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ClientSampleId :
OE-02-092822

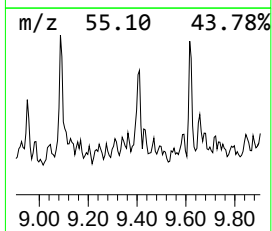
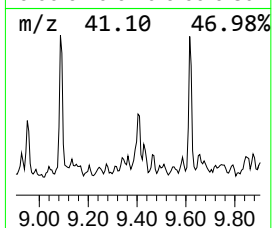
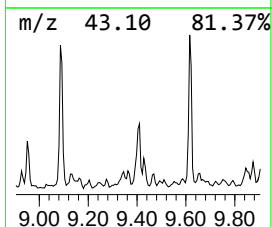
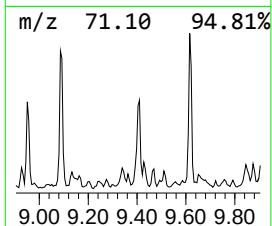
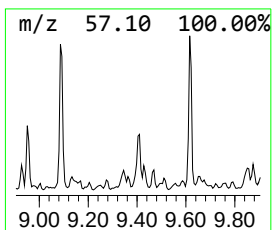
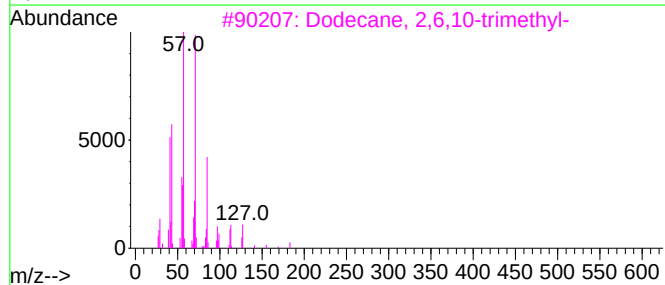
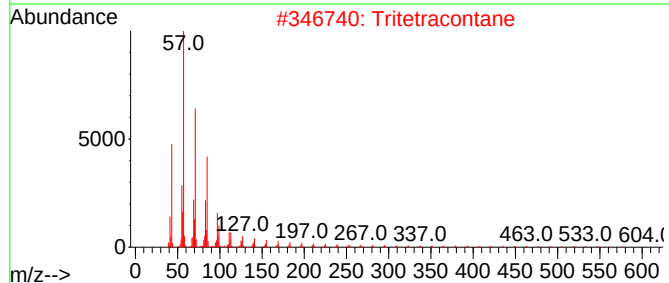
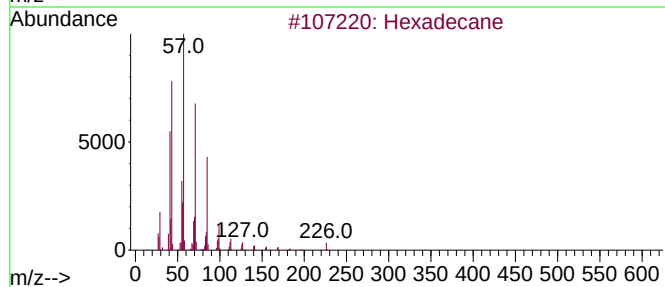
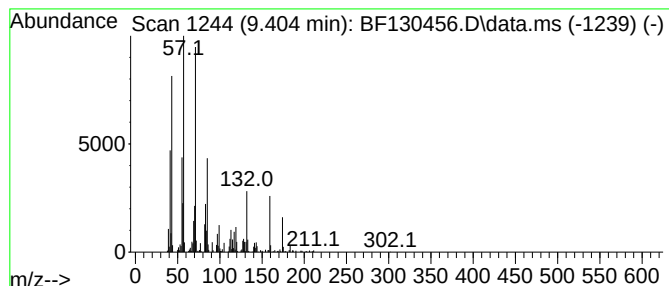
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.404	8.62 ng	342318	Acenaphthene-d10	9.680

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	58
2		Tritetracontane	605	C43H88	007098-21-7	52
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

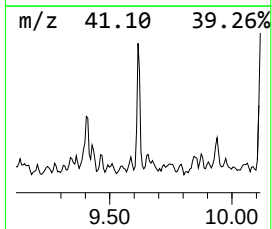
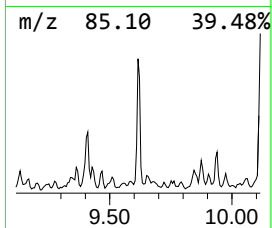
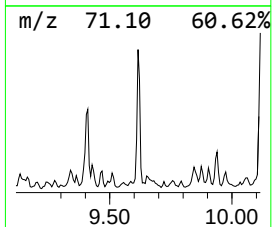
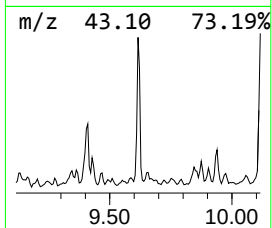
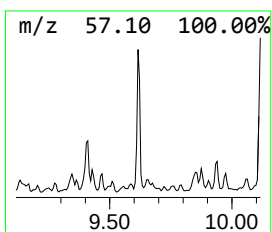
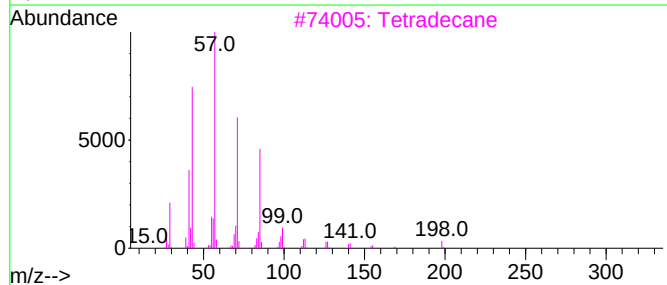
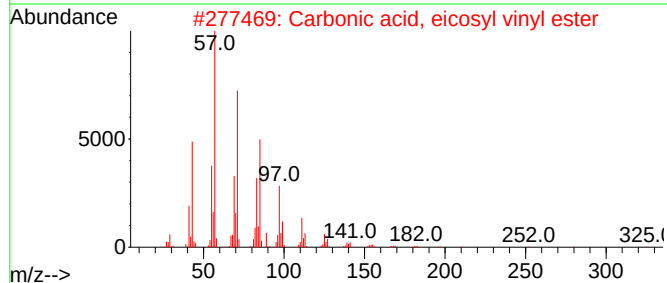
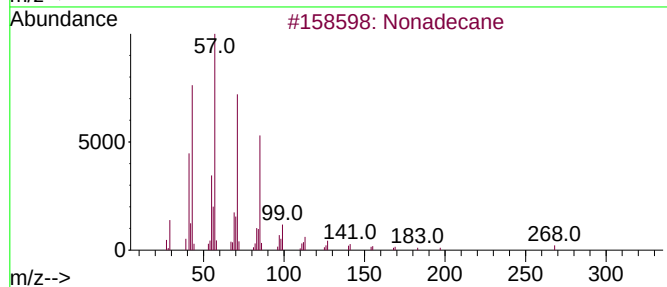
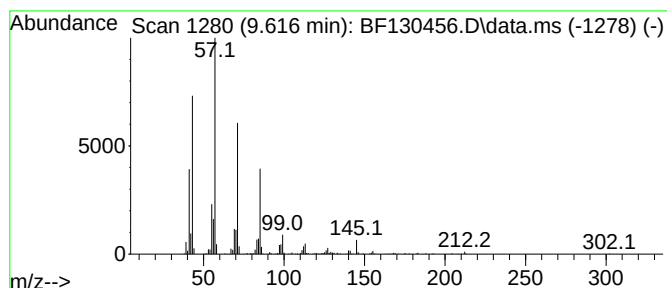
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Carbonic acid, eicosyl vinyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	10.29 ng	408670	Acenaphthene-d10	9.680

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3		Tetradecane	198	C14H30	000629-59-4	87
4		Pentadecane	212	C15H32	000629-62-9	87
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

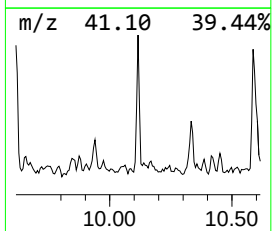
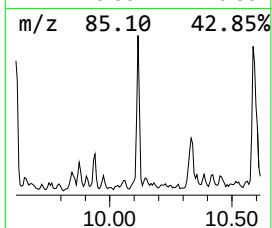
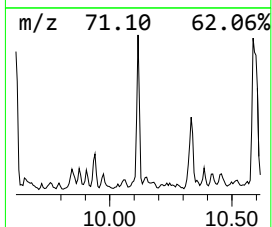
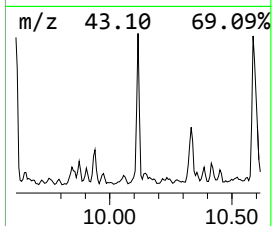
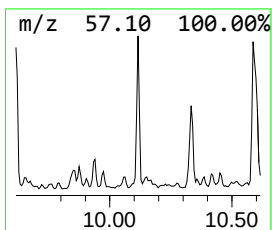
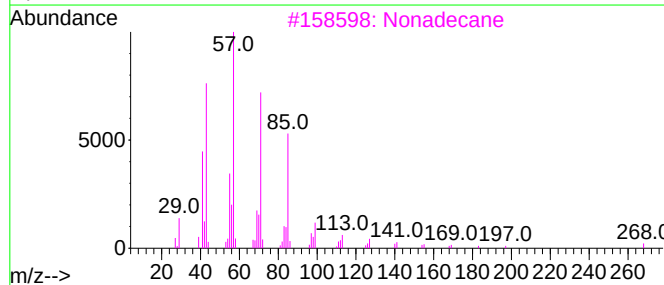
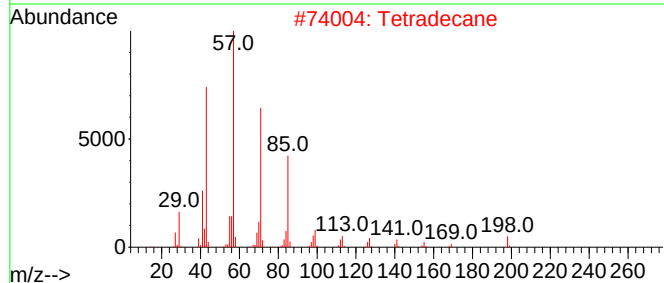
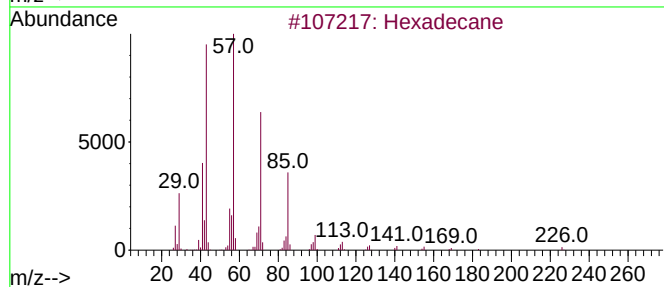
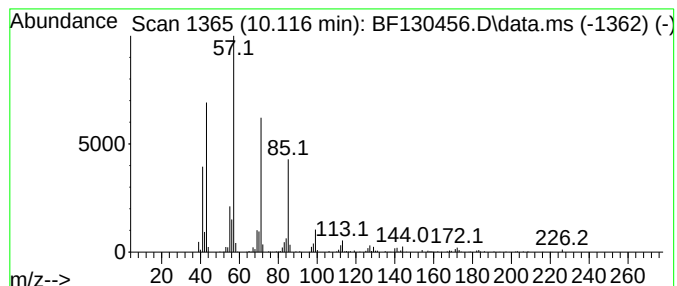
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	9.56 ng	379628	Acenaphthene-d10	9.680

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Nonadecane	268	C19H40	000629-92-5	86
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
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Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

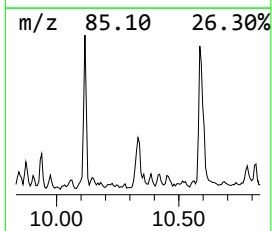
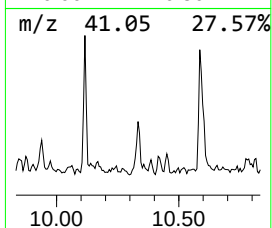
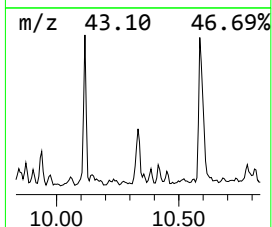
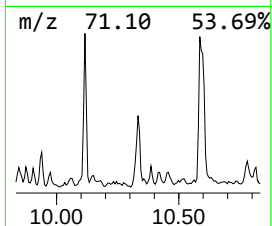
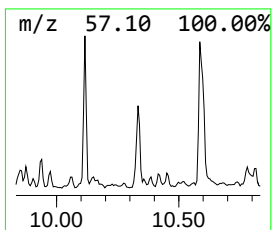
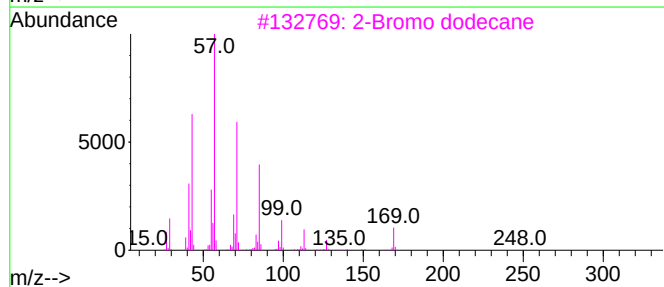
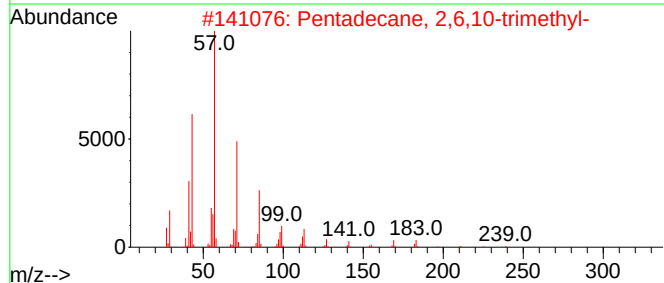
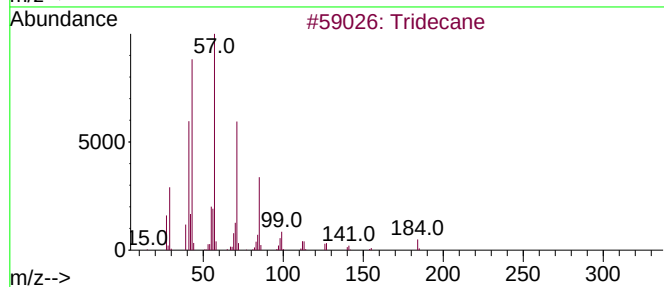
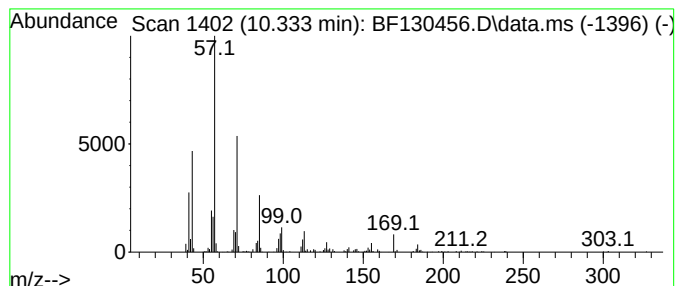
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.333	8.76 ng	348136	Acenaphthene-d10		9.680	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	80
3	2-Bromo dodecane		248	C12H25Br	013187-99-0	72
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	72
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
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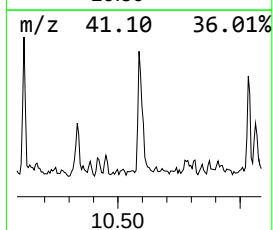
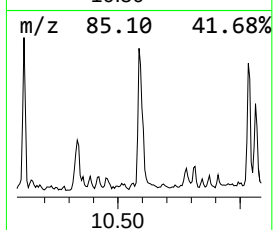
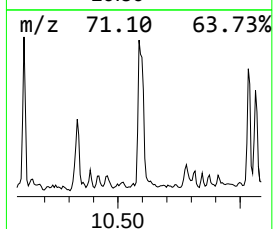
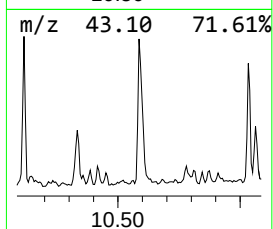
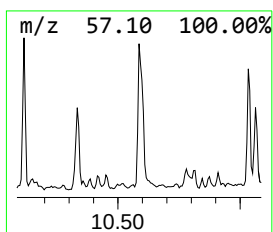
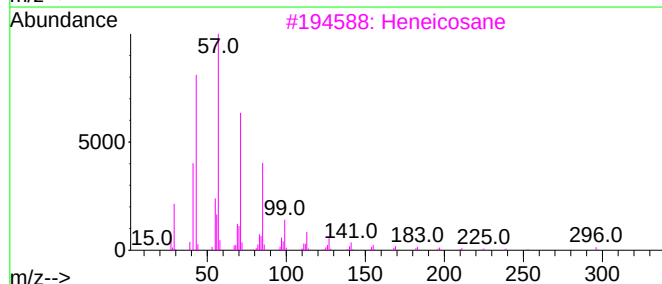
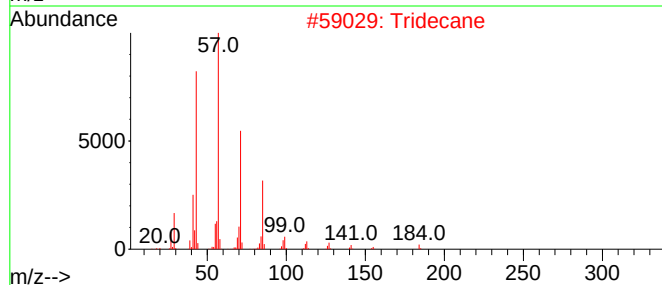
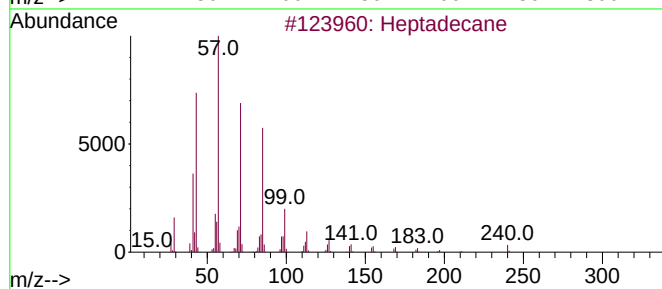
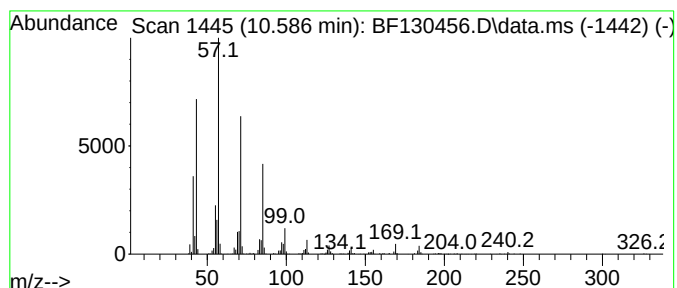
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.586	20.51 ng	725737	Phenanthrene-d10		11.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Tridecane		184	C13H28	000629-50-5	93
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Nonadecane		268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
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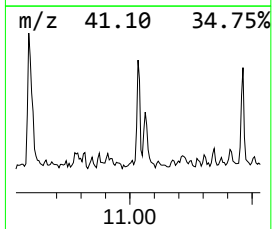
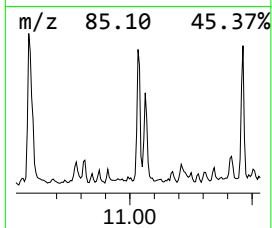
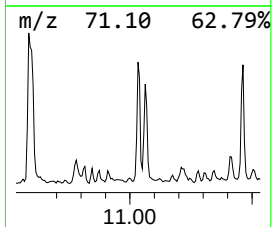
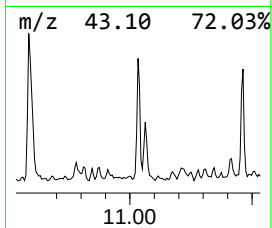
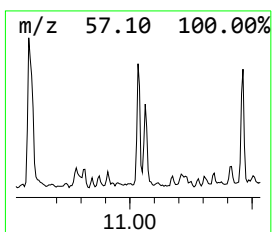
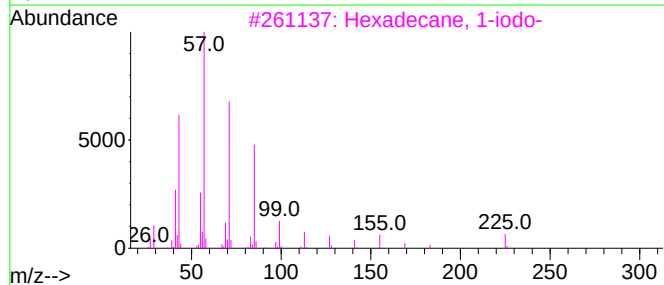
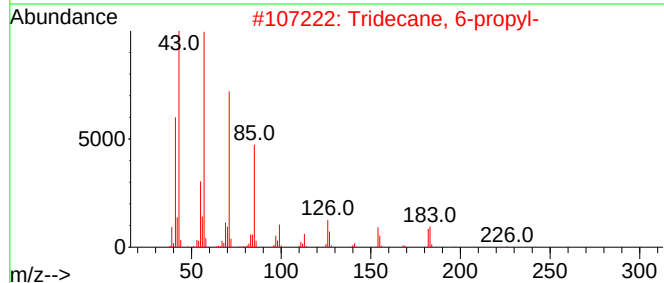
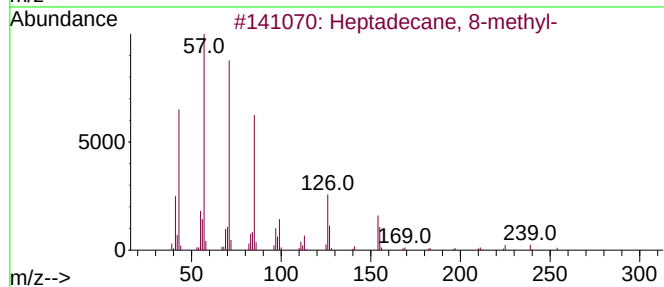
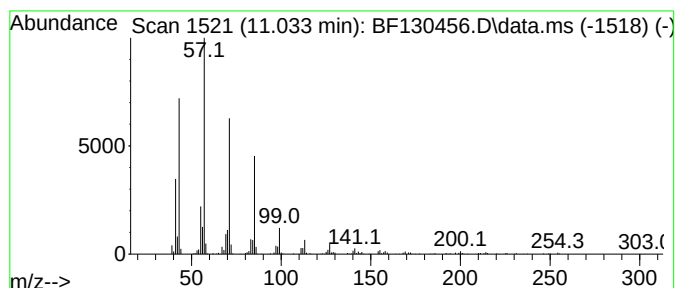
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 8-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.033	10.35 ng	366309	Phenanthrene-d10		11.163	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	91
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	90
3	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
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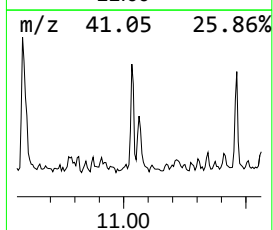
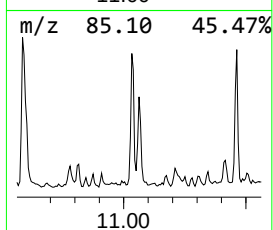
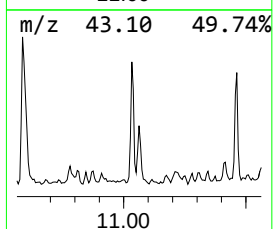
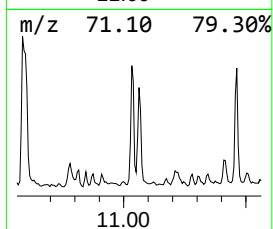
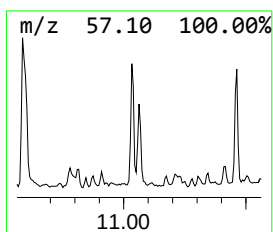
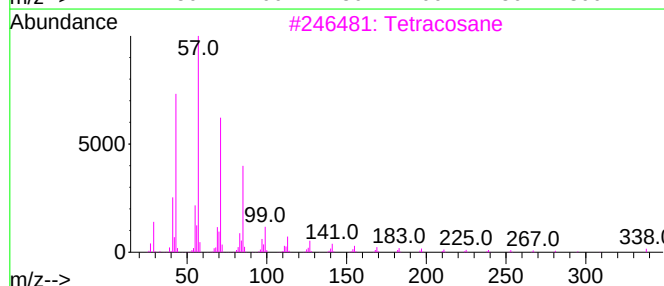
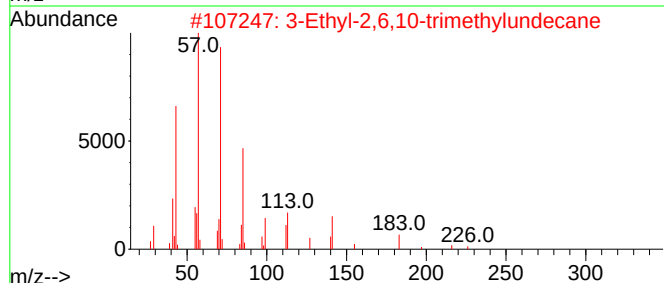
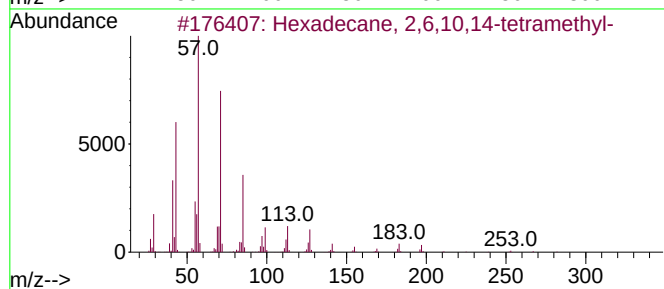
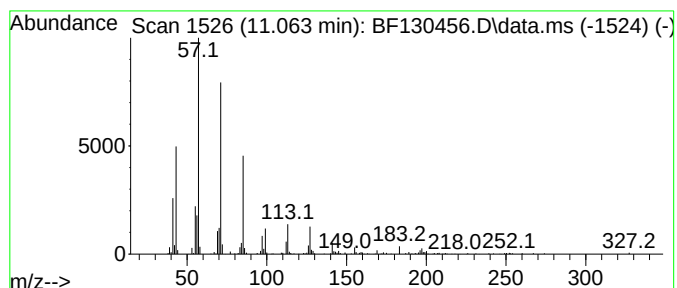
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	8.83 ng	312579	Phenanthrene-d10	11.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

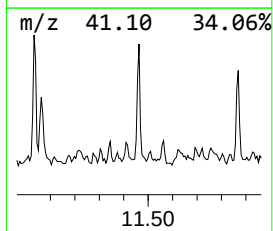
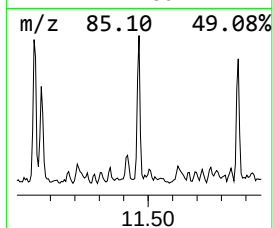
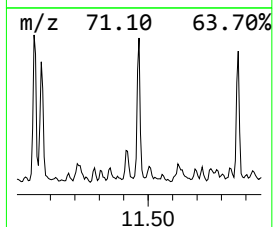
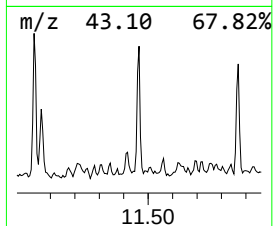
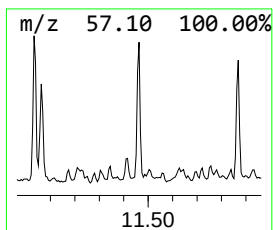
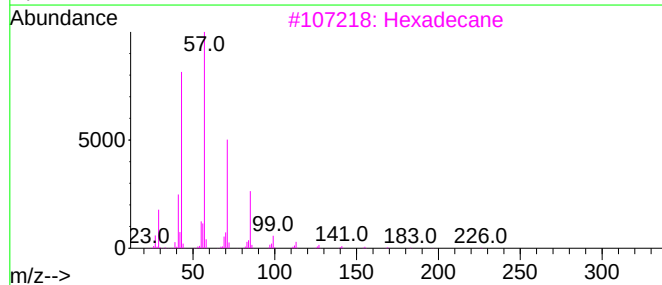
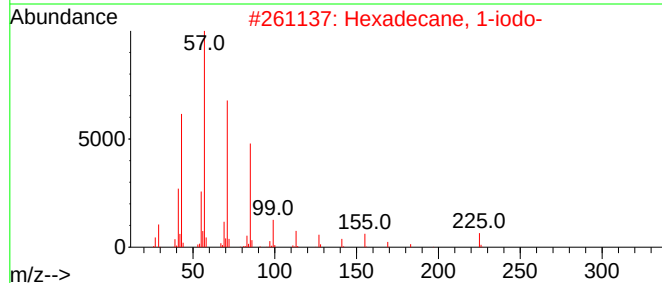
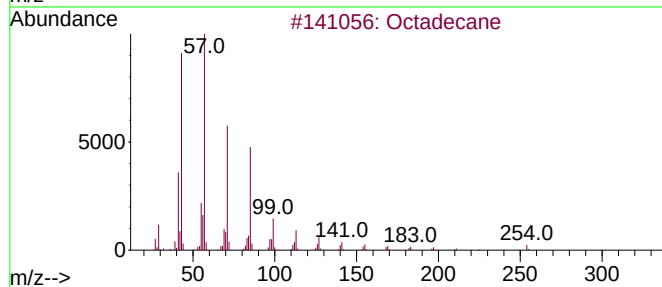
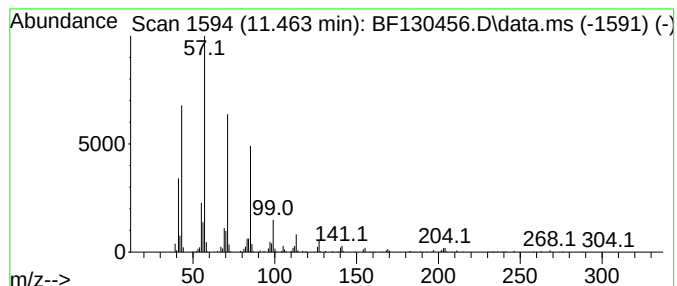
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.463	9.08 ng	321158	Phenanthrene-d10	11.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

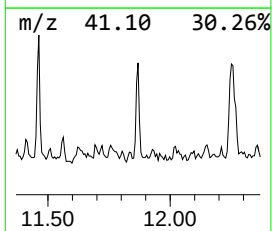
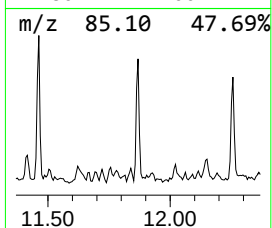
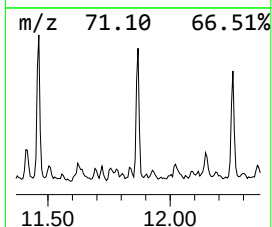
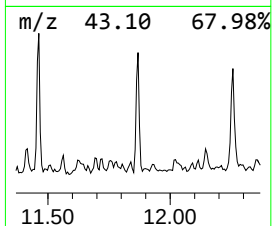
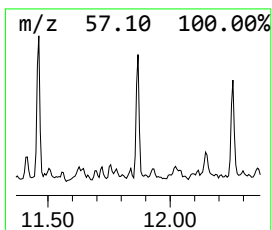
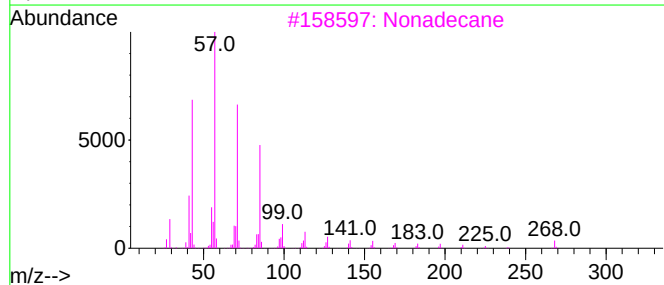
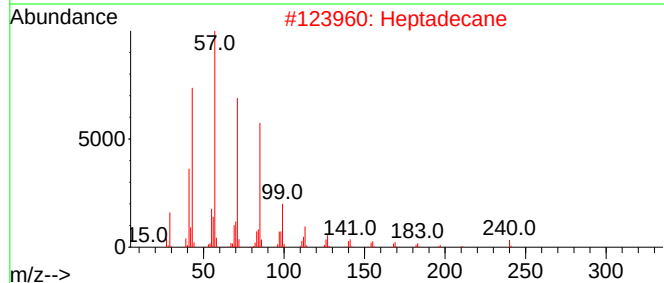
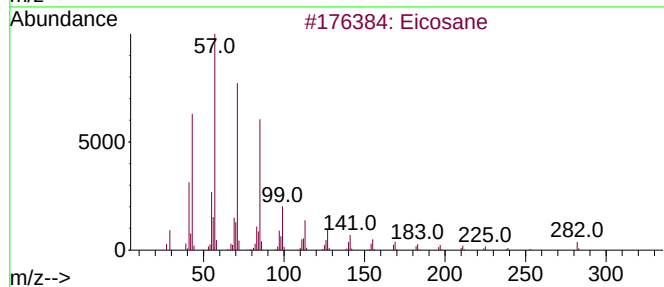
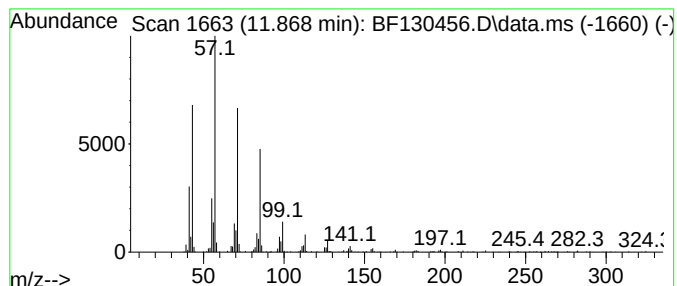
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	8.37 ng	296285	Phenanthrene-d10	11.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Heptadecane	240	C17H36	000629-78-7	96
3			Nonadecane	268	C19H40	000629-92-5	96
4			Hexacosane	366	C26H54	000630-01-3	91
5			Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

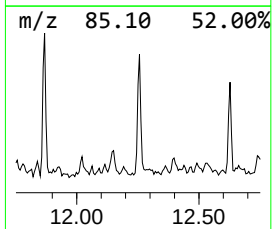
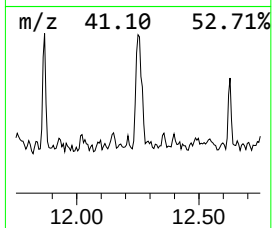
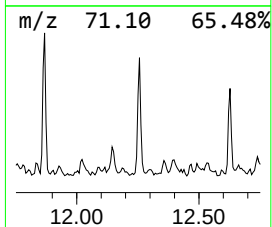
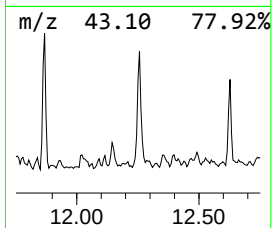
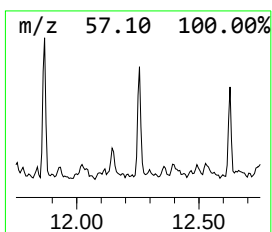
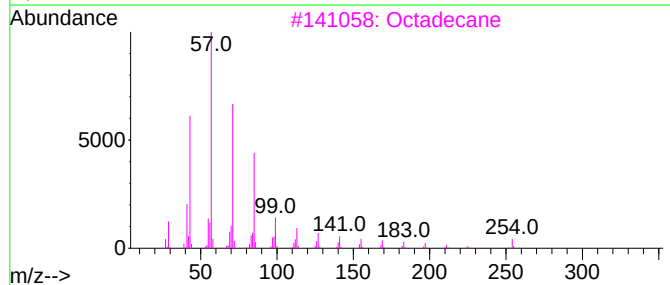
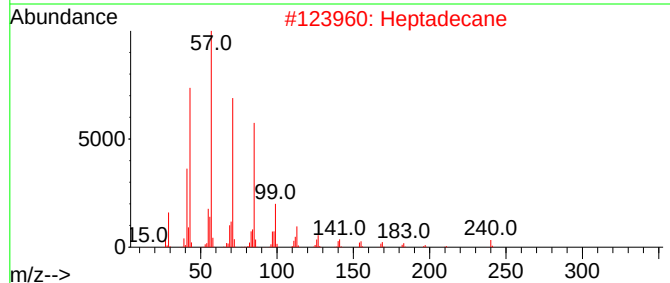
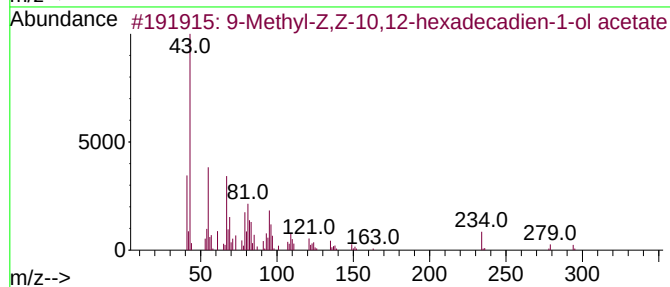
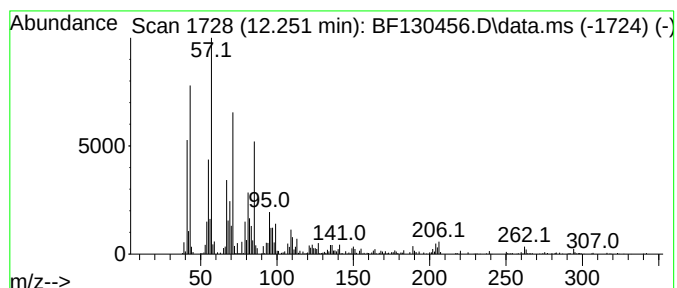
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Methyl-Z,Z-10,12-hexadeca... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.251	18.28 ng	646969	Phenanthrene-d10		11.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-Z,Z-10,12-hexadecadien-...	294	C19H34O2		1000130-89-6	93
2	Heptadecane	240	C17H36		000629-78-7	90
3	Octadecane	254	C18H38		000593-45-3	89
4	Heneicosane	296	C21H44		000629-94-7	70
5	Octacosane	394	C28H58		000630-02-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130456.D
Acq On : 28 Sep 2022 19:48
Operator : CG\JU
Sample : N4855-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OE-02-092822

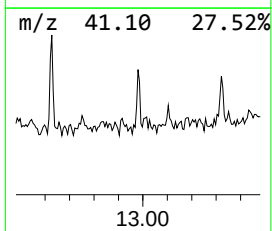
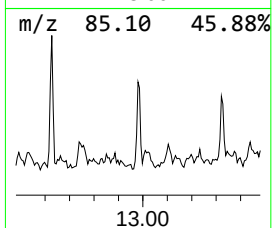
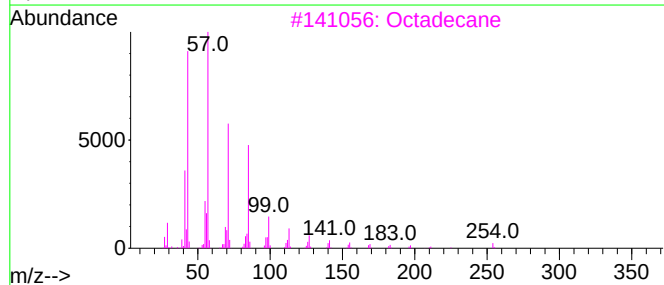
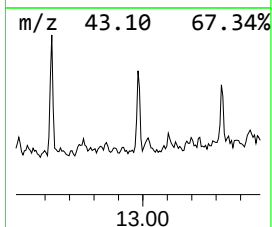
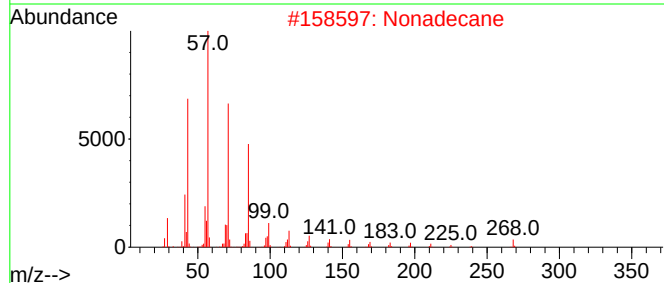
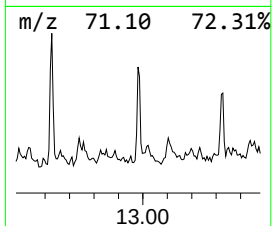
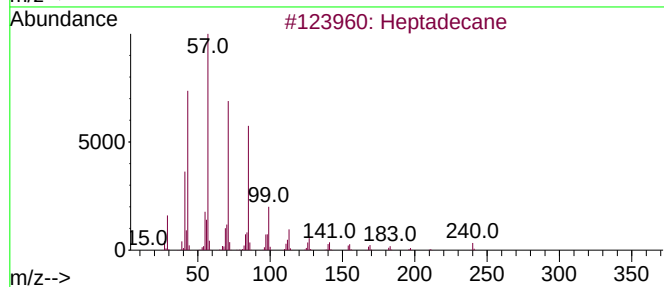
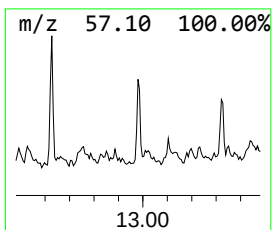
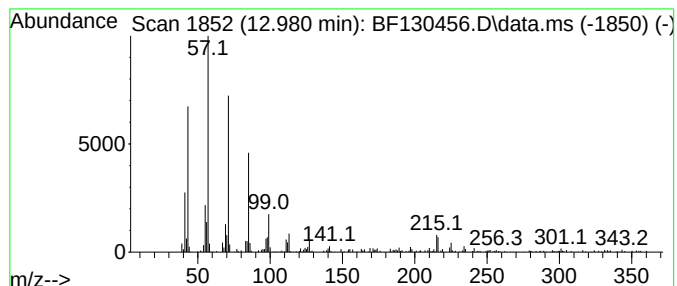
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	4.57 ng	152193	Chrysene-d12	13.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Octadecane	254	C18H38	000593-45-3	83
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130456.D
 Acq On : 28 Sep 2022 19:48
 Operator : CG\JU
 Sample : N4855-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.816	11.4	ng	312993	1	6.645	547240	20.0
Decane	6.481	4.3	ng	117014	1	6.645	547240	20.0
Decane, 2-methyl-	8.357	4.6	ng	210906	2	7.928	924376	20.0
Naphthalene, 1,...	8.433	5.7	ng	264466	2	7.928	924376	20.0
Tridecane	8.527	8.5	ng	391309	2	7.928	924376	20.0
Naphthalene, 1,...	8.751	5.8	ng	265647	2	7.928	924376	20.0
Dodecane, 2,7,1...	8.951	6.2	ng	246764	3	9.680	794512	20.0
Nonadecane	9.086	11.5	ng	457606	3	9.680	794512	20.0
Naphthalene, 1,...	9.151	4.2	ng	168102	3	9.680	794512	20.0
Hexadecane	9.404	8.6	ng	342318	3	9.680	794512	20.0
Carbonic acid, ...	9.616	10.3	ng	408670	3	9.680	794512	20.0
Tetradecane	10.116	9.6	ng	379628	3	9.680	794512	20.0
Pentadecane, 2,...	10.333	8.8	ng	348136	3	9.680	794512	20.0
Heptadecane	10.586	20.5	ng	725737	4	11.163	707751	20.0
Heptadecane, 8-...	11.033	10.4	ng	366309	4	11.163	707751	20.0
Hexadecane, 2,6...	11.063	8.8	ng	312579	4	11.163	707751	20.0
Octadecane	11.463	9.1	ng	321158	4	11.163	707751	20.0
Eicosane	11.868	8.4	ng	296285	4	11.163	707751	20.0
9-Methyl-Z,Z-10...	12.251	18.3	ng	646969	4	11.163	707751	20.0
Tetradecane, 1-...	12.980	4.6	ng	152193	5	13.792	666339	20.0