

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123817.D
 Acq On : 4 May 2021 19:52
 Operator : JU/CG
 Sample : M2252-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

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-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123817.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	491	494	501	rVB	264722	292222	2.96%	0.252%
2	5.416	562	566	575	rBV	4904535	4177572	42.38%	3.609%
3	6.440	735	740	743	rBV	4943573	4291681	43.53%	3.707%
4	6.563	755	761	764	rBV	220111	310881	3.15%	0.269%
5	6.798	798	801	808	rBV	1878791	1552156	15.74%	1.341%
6	6.922	816	822	829	rVV2	376424	793904	8.05%	0.686%
7	6.975	829	831	847	rVB	159475	395158	4.01%	0.341%
8	7.363	889	897	900	rBV	3606940	2969262	30.12%	2.565%
9	8.086	1014	1020	1023	rBV	2173028	2101283	21.31%	1.815%
10	8.381	1065	1070	1073	rBV4	218904	317684	3.22%	0.274%
11	8.510	1088	1092	1094	rBV	512376	434117	4.40%	0.375%
12	8.681	1118	1121	1125	rBV	737463	631355	6.40%	0.545%
13	8.781	1134	1138	1140	rVB2	297414	339182	3.44%	0.293%
14	8.963	1167	1169	1171	rBV3	326593	305608	3.10%	0.264%
15	9.045	1181	1183	1186	rVB2	414190	352218	3.57%	0.304%
16	9.086	1187	1190	1192	rBV	381662	318086	3.23%	0.275%
17	9.110	1192	1194	1199	rVV2	1026100	904617	9.18%	0.781%
18	9.163	1199	1203	1206	rVV	5447114	4142316	42.02%	3.578%
19	9.245	1214	1217	1222	rBV	1366381	1436484	14.57%	1.241%
20	9.316	1226	1229	1235	rVB3	461644	598735	6.07%	0.517%
21	9.416	1242	1246	1248	rBV4	263734	324484	3.29%	0.280%
22	9.481	1254	1257	1259	rBV3	272426	385874	3.91%	0.333%
23	9.516	1259	1263	1267	rVV2	2840678	3442854	34.92%	2.974%
24	9.569	1267	1272	1274	rVV2	2794847	3223264	32.70%	2.784%
25	9.592	1274	1276	1279	rVV2	988819	1038864	10.54%	0.897%
26	9.628	1279	1282	1284	rVV2	903389	798165	8.10%	0.690%
27	9.657	1284	1287	1293	rVB5	818637	1023785	10.38%	0.884%
28	9.751	1300	1303	1305	rBV3	331523	381344	3.87%	0.329%
29	9.780	1305	1308	1312	rVB	1944713	1754961	17.80%	1.516%
30	9.816	1312	1314	1316	rBV2	739435	779230	7.90%	0.673%
31	9.839	1316	1318	1321	rVB	2130622	1898561	19.26%	1.640%
32	9.951	1334	1337	1340	rBV2	657514	621080	6.30%	0.537%
33	10.010	1343	1347	1350	rBV3	800926	1314298	13.33%	1.135%
34	10.039	1350	1352	1355	rVV2	1041533	1030740	10.46%	0.890%
35	10.069	1355	1357	1359	rVV	627588	491704	4.99%	0.425%
36	10.104	1359	1363	1366	rVV2	1437314	1781083	18.07%	1.539%

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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

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37	10.133	1366	1368	1370	rVV	513215	420830	4.27%	0.364%
38	10.175	1370	1375	1380	rVV7	389838	717417	7.28%	0.620%
39	10.222	1380	1383	1386	rVB3	545018	701129	7.11%	0.606%
40	10.280	1386	1393	1395	rBV	2826939	2789646	28.30%	2.410%
41	10.304	1395	1397	1400	rVV2	553154	654958	6.64%	0.566%
42	10.333	1400	1402	1408	rVB5	669522	823435	8.35%	0.711%
43	10.380	1408	1410	1412	rBV3	386843	377823	3.83%	0.326%
44	10.410	1412	1415	1417	rVB3	335784	373948	3.79%	0.323%
45	10.504	1425	1431	1433	rBV	3502715	4395310	44.58%	3.797%
46	10.551	1437	1439	1442	rVB	842789	694142	7.04%	0.600%
47	10.586	1442	1445	1448	rBV2	730774	919753	9.33%	0.795%
48	10.633	1448	1453	1456	rVB2	2267074	2850395	28.91%	2.462%
49	10.663	1456	1458	1460	rBV2	305891	279591	2.84%	0.242%
50	10.769	1471	1476	1483	rBV	5236199	7967129	80.82%	6.883%
51	10.898	1495	1498	1502	rBV4	449290	626581	6.36%	0.541%
52	10.945	1503	1506	1508	rVV	908764	902169	9.15%	0.779%
53	10.980	1510	1512	1515	rVB	1118014	942905	9.56%	0.815%
54	11.010	1515	1517	1519	rBV	653764	590674	5.99%	0.510%
55	11.075	1526	1528	1530	rBV	627467	527695	5.35%	0.456%
56	11.204	1547	1550	1552	rBV	2415406	2018570	20.48%	1.744%
57	11.233	1552	1555	1561	rVB	4246806	4548100	46.13%	3.929%
58	11.333	1569	1572	1577	rBV2	1456316	1836905	18.63%	1.587%
59	11.451	1589	1592	1594	rBV	467508	412117	4.18%	0.356%
60	11.474	1594	1596	1600	rVB	621609	585822	5.94%	0.506%
61	11.510	1600	1602	1605	rBV	790685	777651	7.89%	0.672%
62	11.545	1606	1608	1610	rBV2	656233	504528	5.12%	0.436%
63	11.586	1612	1615	1618	rVB	1178999	1116774	11.33%	0.965%
64	11.633	1620	1623	1626	rBV	2084662	1833790	18.60%	1.584%
65	11.727	1635	1639	1641	rVB	3120203	2967919	30.11%	2.564%
66	11.792	1648	1650	1653	rBV	1038079	1045308	10.60%	0.903%
67	11.863	1660	1662	1665	rVB	708107	544362	5.52%	0.470%
68	11.892	1665	1667	1670	rBV3	552529	559453	5.67%	0.483%
69	11.927	1670	1673	1675	rBV	916290	976789	9.91%	0.844%
70	12.039	1690	1692	1695	rBV	2153860	1847667	18.74%	1.596%
71	12.104	1701	1703	1706	rVB	837764	669732	6.79%	0.579%
72	12.192	1716	1718	1720	rBV	899677	1026488	10.41%	0.887%
73	12.327	1738	1741	1746	rBV	1621369	1863869	18.91%	1.610%
74	12.433	1756	1759	1762	rBV	1929992	2122864	21.53%	1.834%
75	12.574	1781	1783	1787	rBV3	1415000	2145789	21.77%	1.854%
76	12.810	1821	1823	1826	rBV	1807599	1984864	20.13%	1.715%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.927	1840	1843	1853	rBV3	4389430	9858419	100.00%	8.516%
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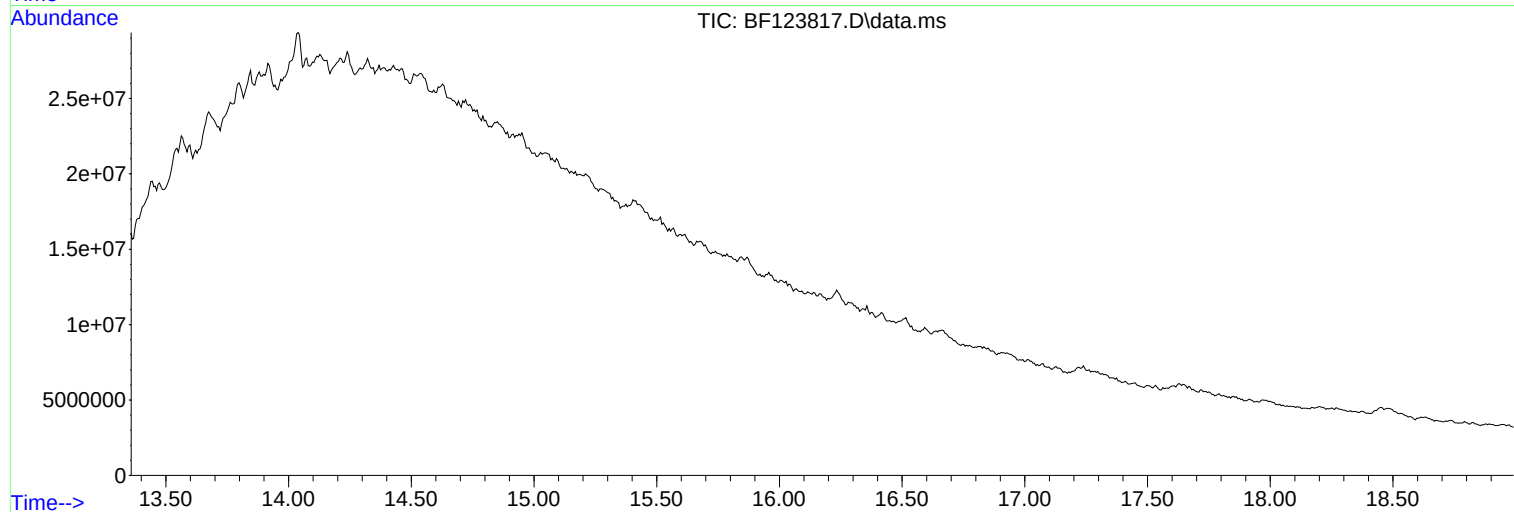
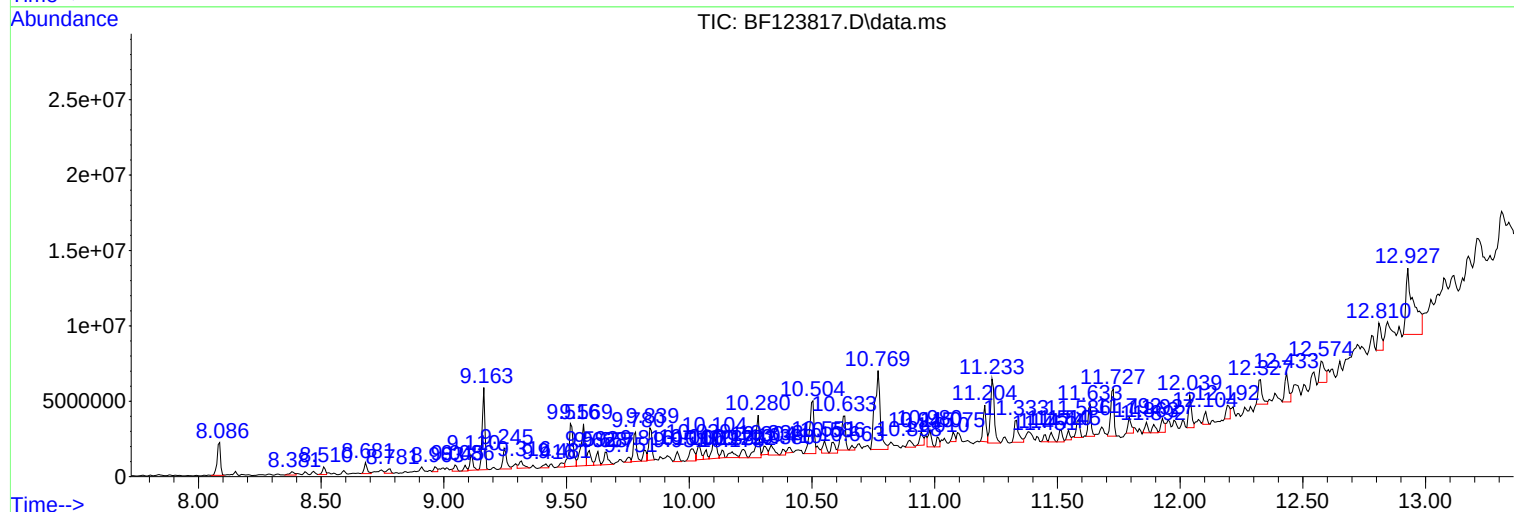
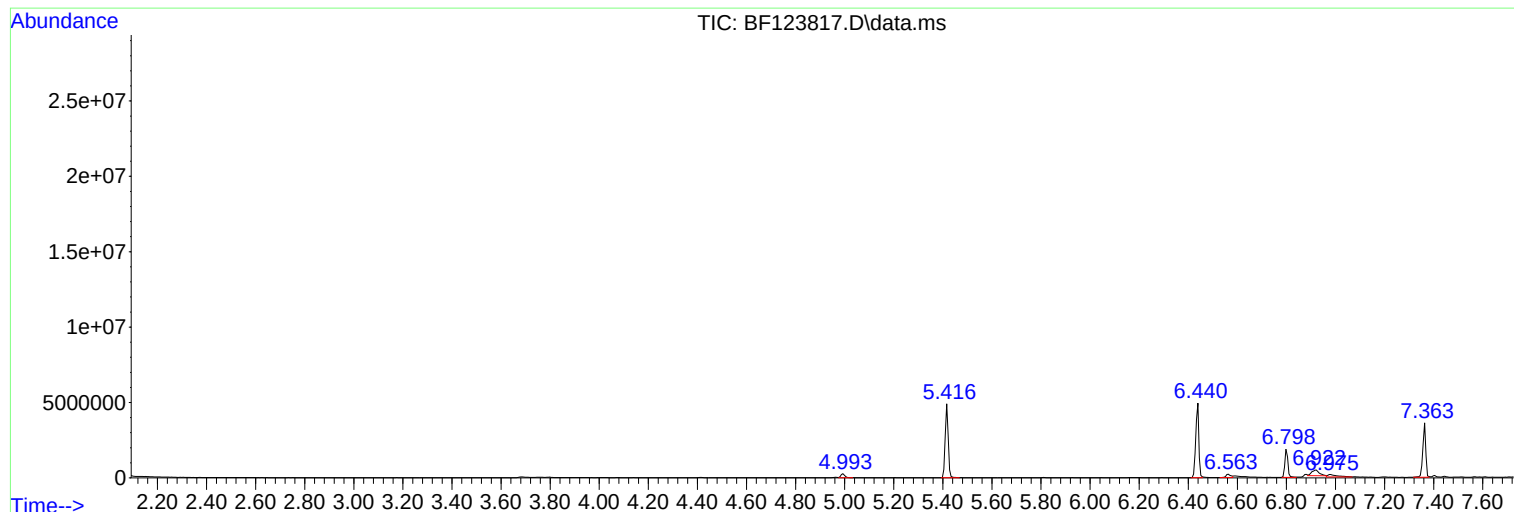
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
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Instrument :
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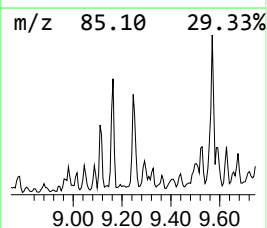
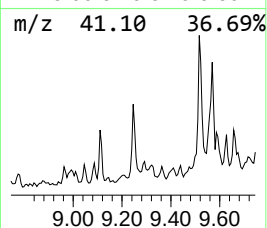
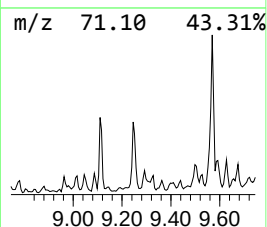
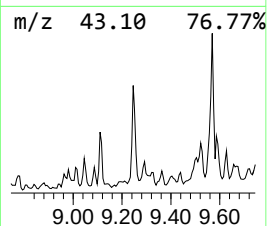
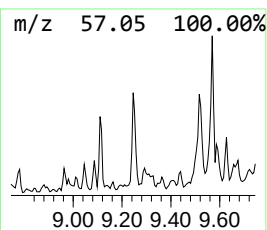
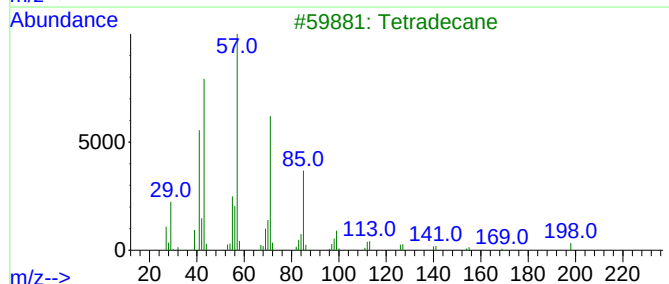
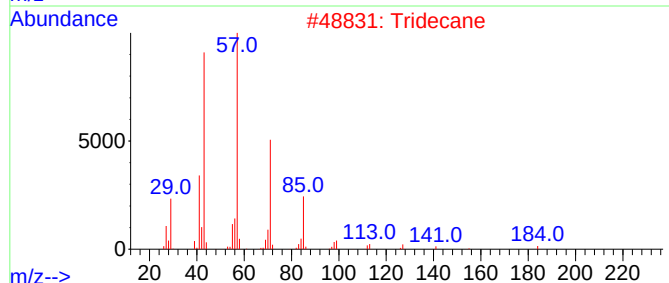
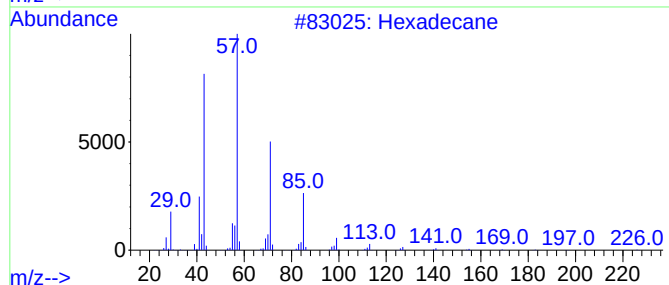
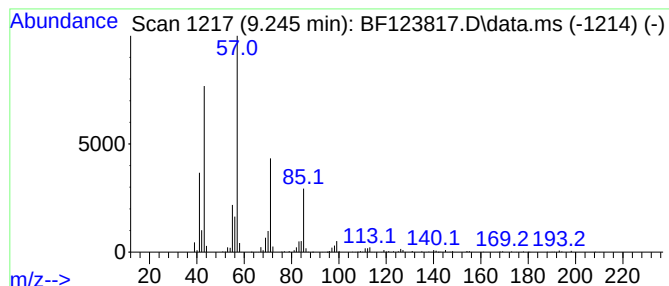
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.245	15.13 ng	1436480	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tridecane	184	C13H28	000629-50-5	78
3			Tetradecane	198	C14H30	000629-59-4	78
4			Undecane	156	C11H24	001120-21-4	78
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	72



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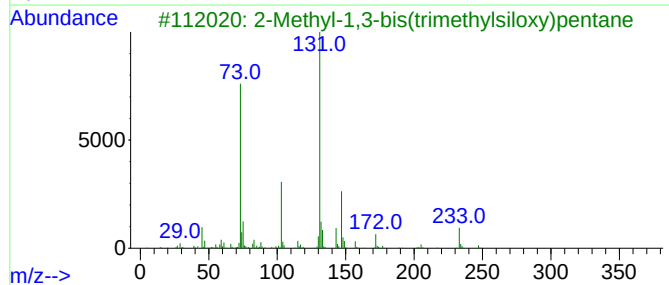
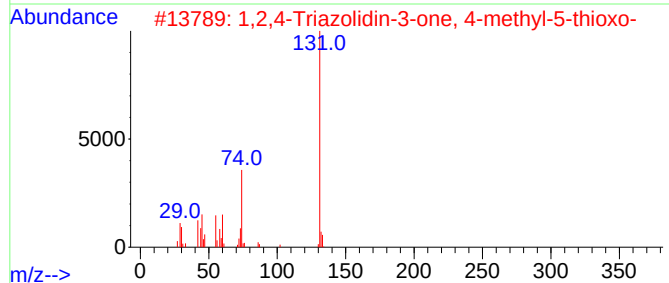
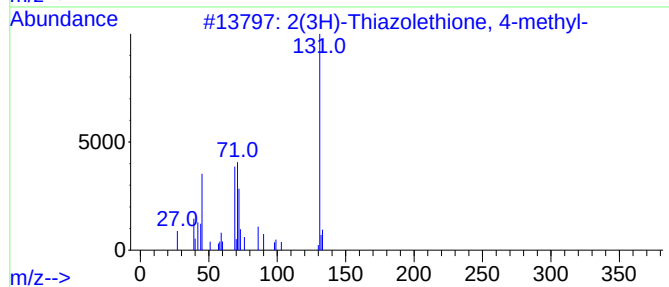
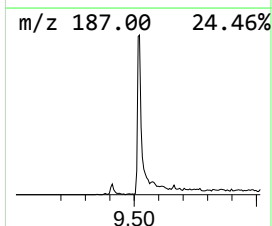
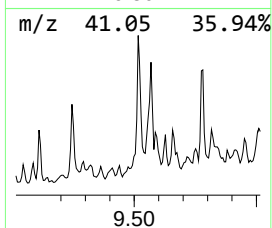
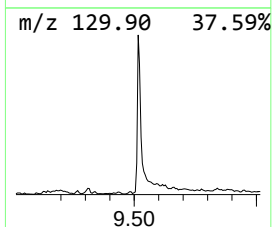
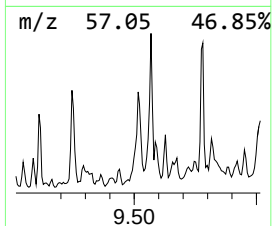
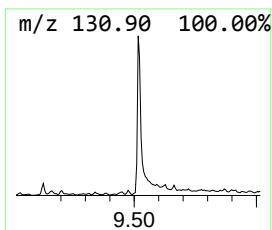
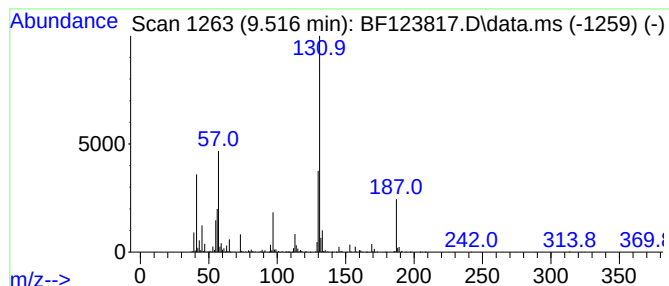
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown9.516 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	36.27 ng	3442850	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Thiazolethione, 4-methyl-	131	C4H5NS2	005685-06-3	43		
2	1,2,4-Triazolidin-3-one, 4-methyl-	131	C3H5N3OS	022244-61-7	32		
3	2-Methyl-1,3-bis(trimethylsiloxy)pentane	262	C12H30O2Si2	122424-36-6	25		
4	1-(2-Methoxyethoxy)-2-methyl-2-pyridine	220	C10H24O3Si	1000364-20-4	23		
5	Propane, 1,1,1-triethoxy-	176	C9H20O3	000115-80-0	23		



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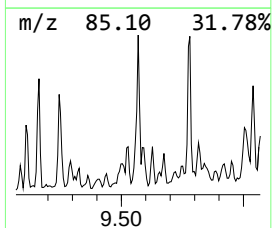
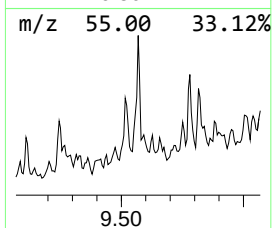
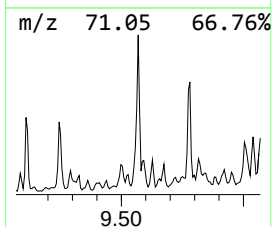
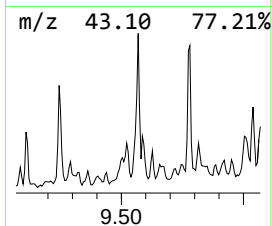
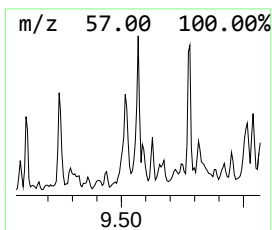
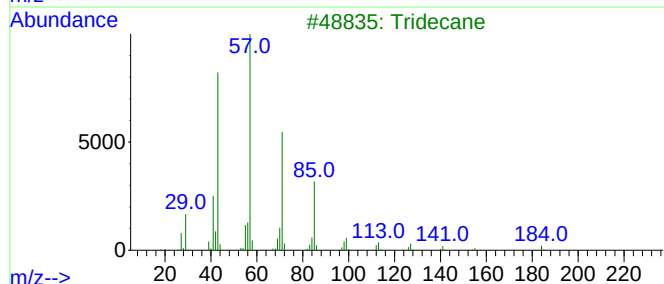
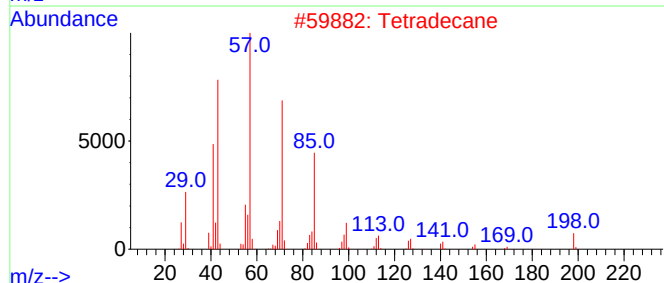
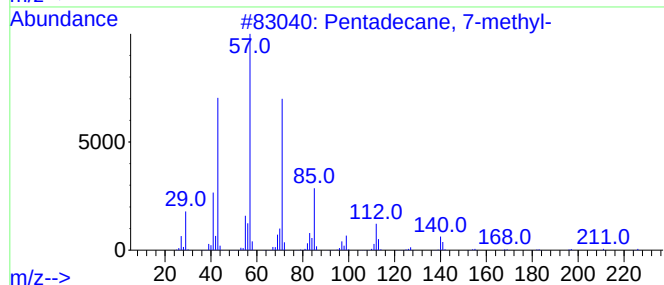
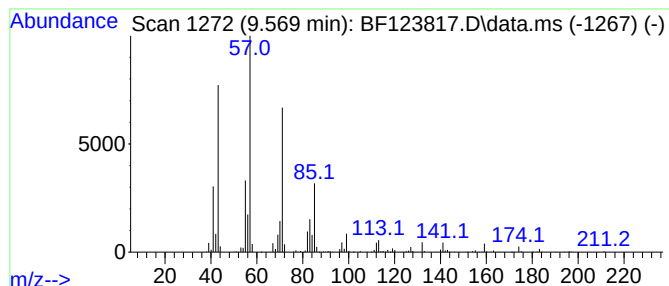
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	33.95 ng	3223260	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
2			Tetradecane	198	C14H30	000629-59-4	78
3			Tridecane	184	C13H28	000629-50-5	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64



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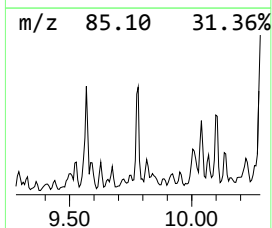
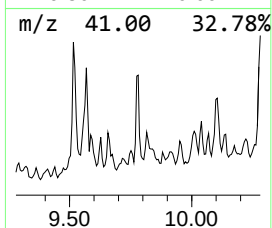
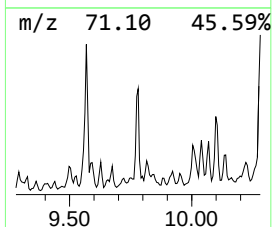
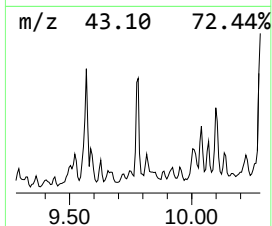
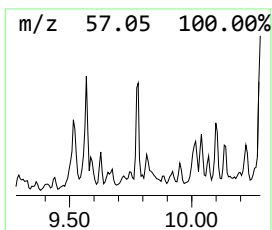
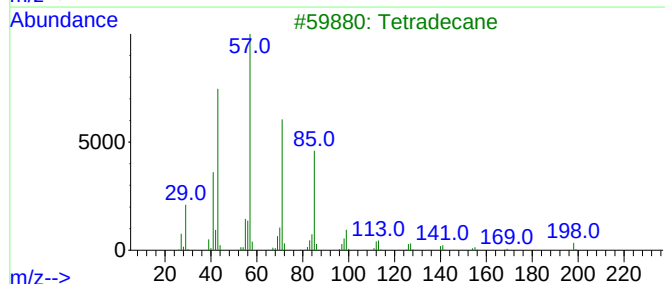
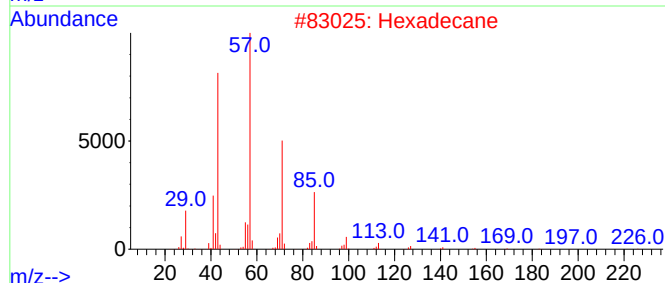
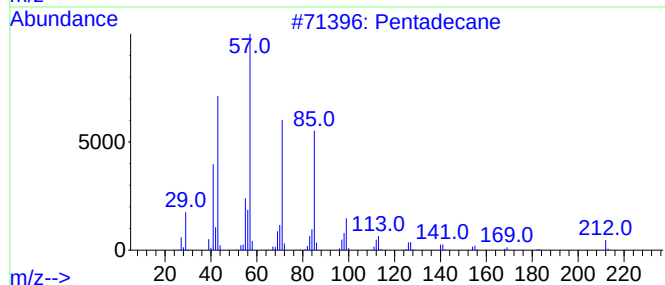
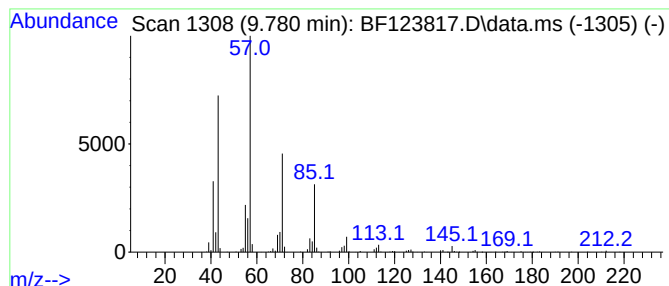
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.780	18.49 ng	1754960	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5			Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STONE-1

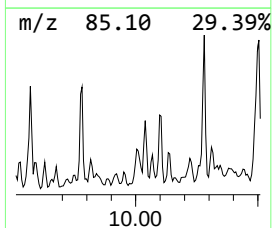
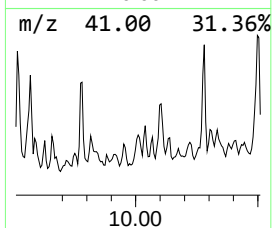
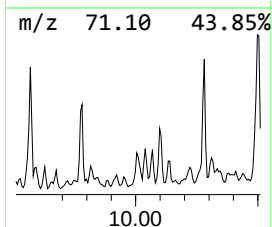
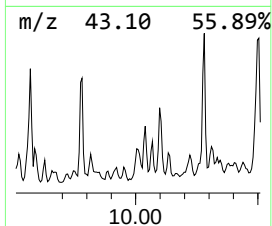
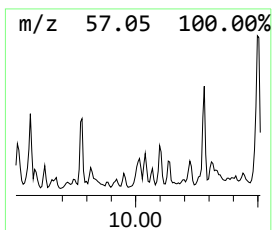
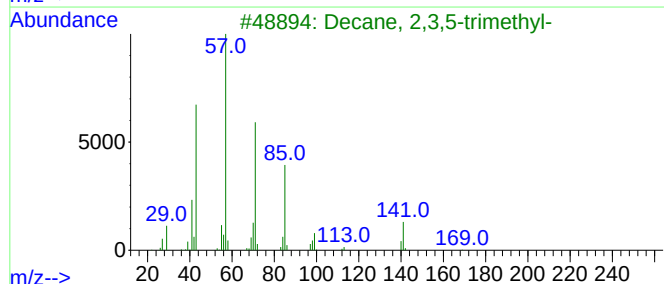
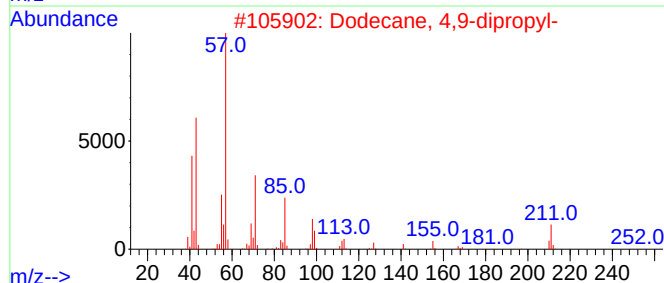
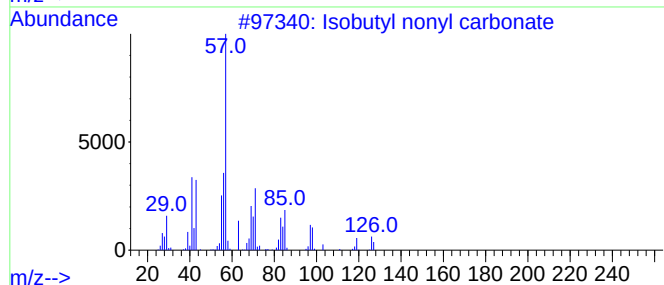
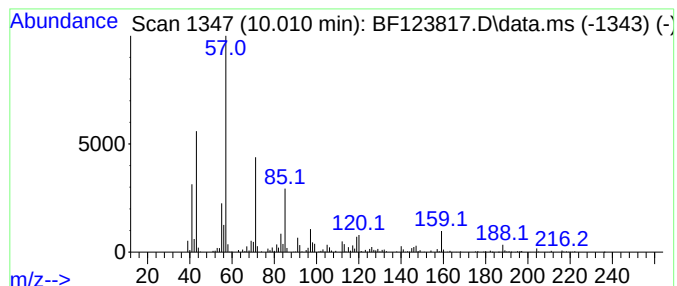
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Isobutyl nonyl carbonate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.010	13.85 ng	1314300	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	53
2			Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	53
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
4			Octadecane, 5-methyl-	268	C19H40	025117-35-5	43
5			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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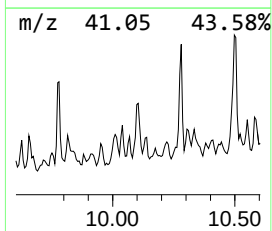
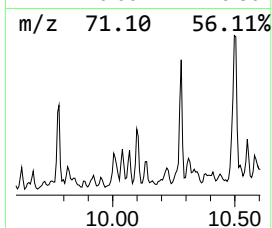
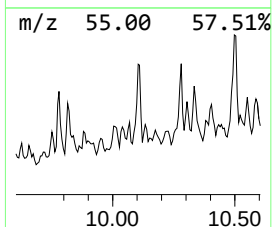
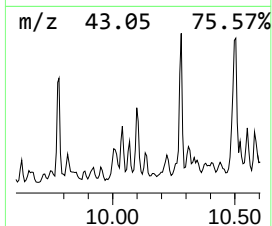
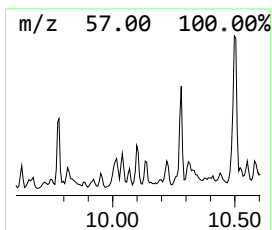
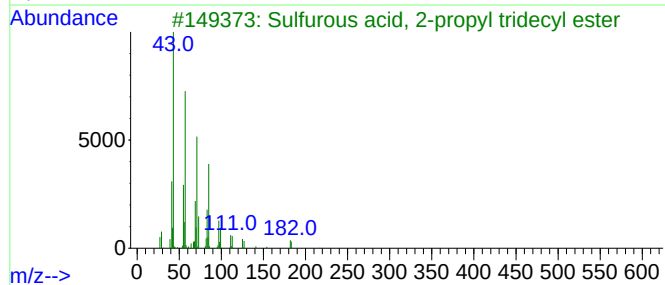
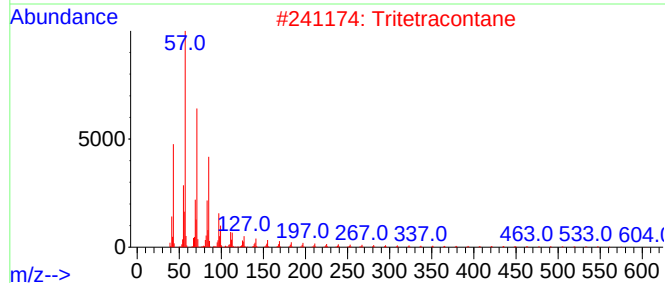
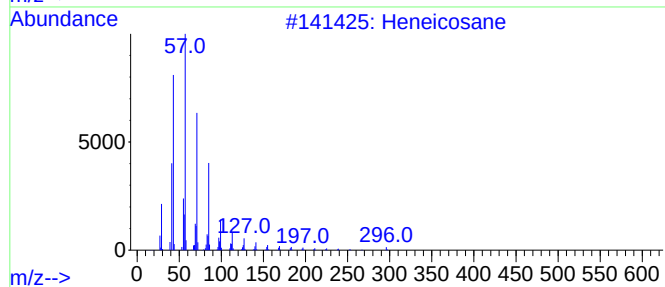
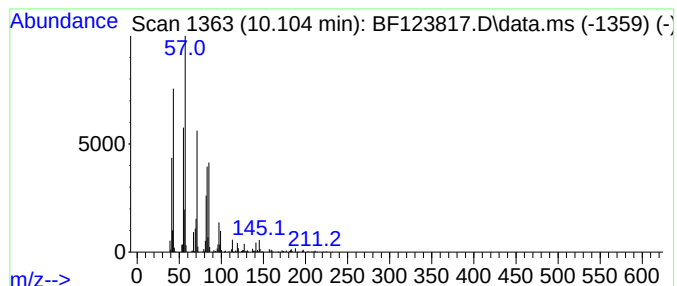
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.104	18.76 ng	1781080	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	53
2			Tritetracontane	605	C43H88	007098-21-7	52
3			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	50
4			Sulfurous acid, 2-propyl tetrad...	320	C17H36O3S	1000309-12-5	49
5			Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
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Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
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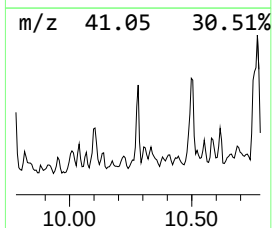
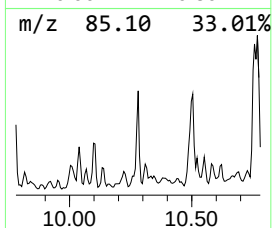
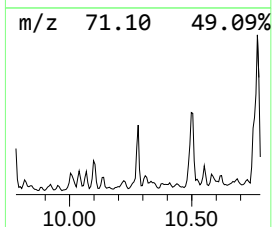
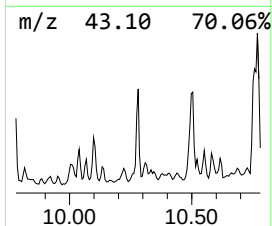
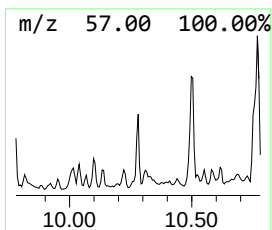
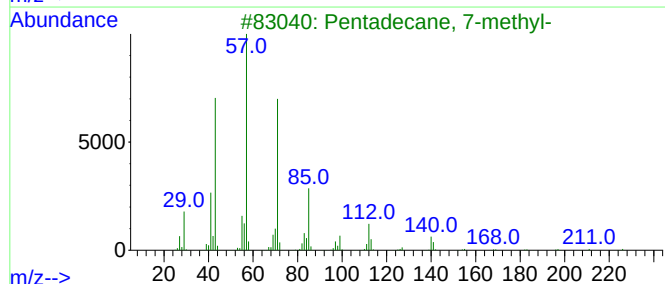
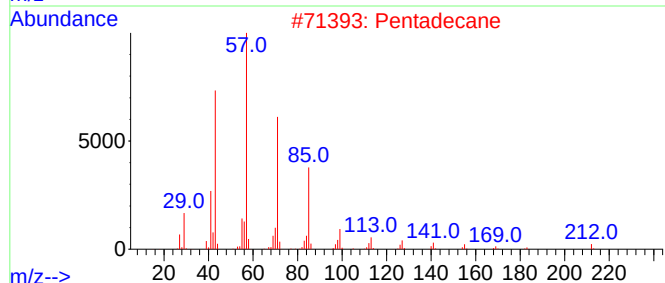
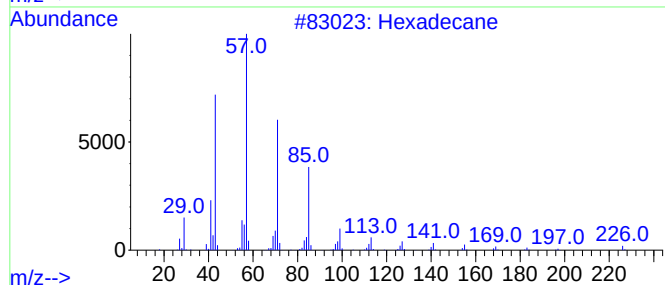
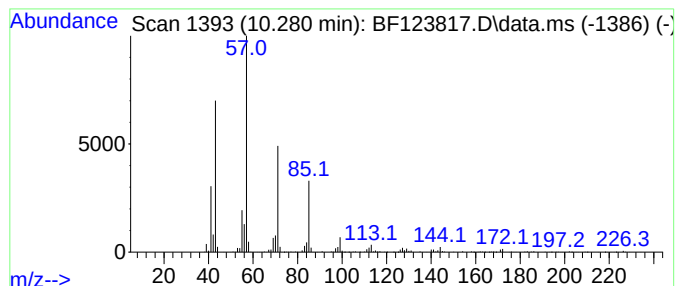
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.281	29.39 ng	2789650	Acenaphthene-d10	9.839	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
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Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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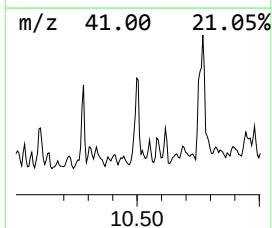
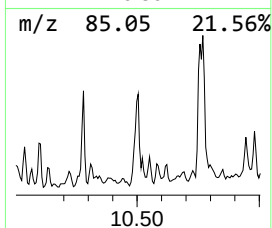
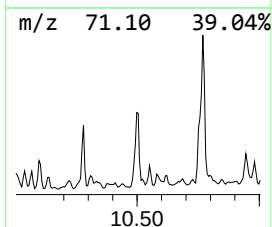
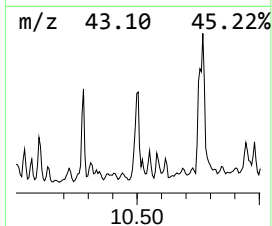
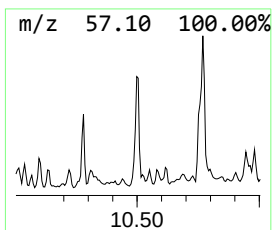
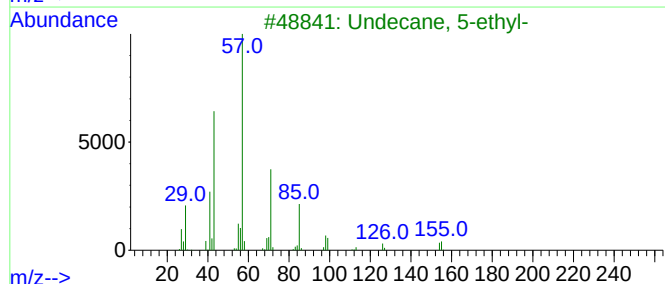
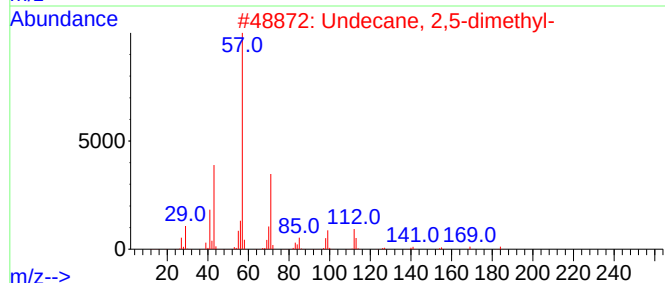
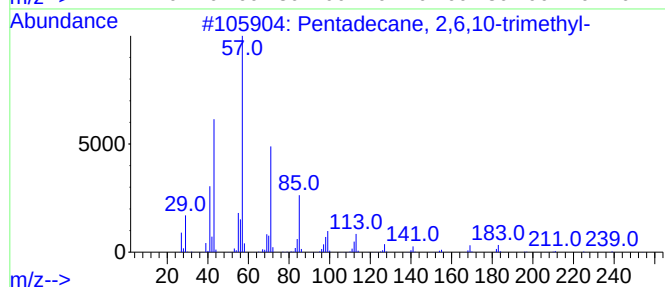
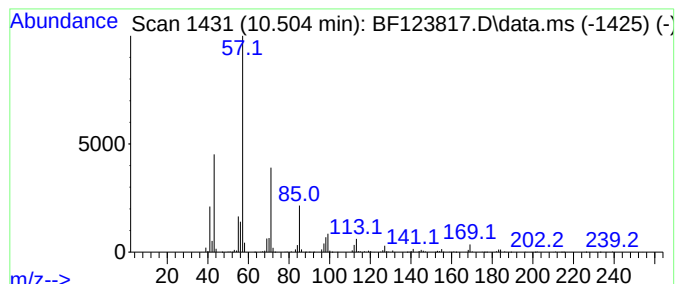
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.504	46.30 ng	4395310	Acenaphthene-d10	9.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
3			Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4			Tridecane	184	C13H28	000629-50-5	76
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
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Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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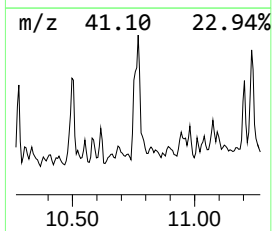
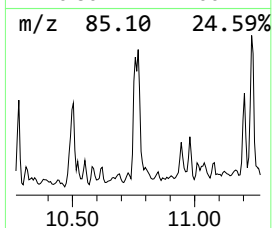
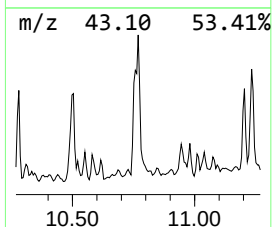
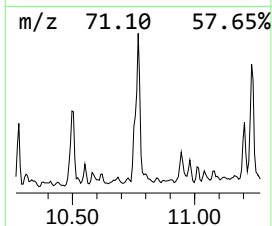
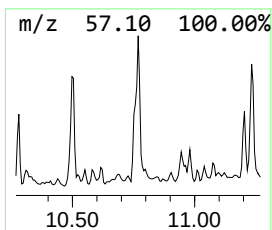
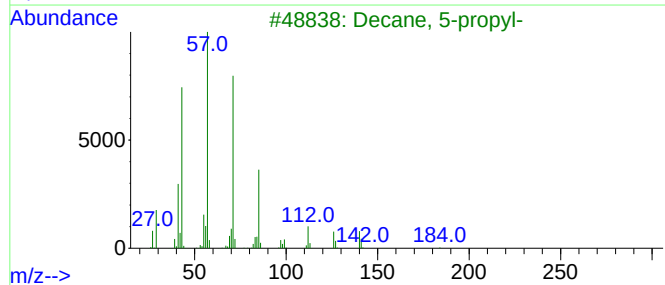
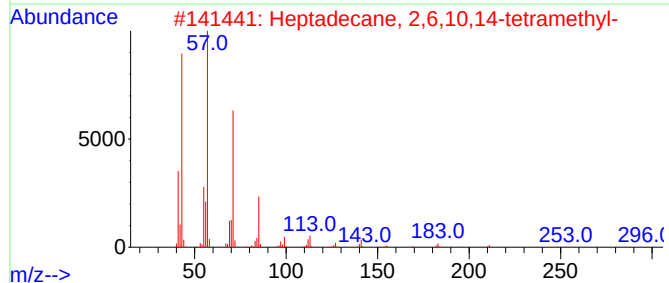
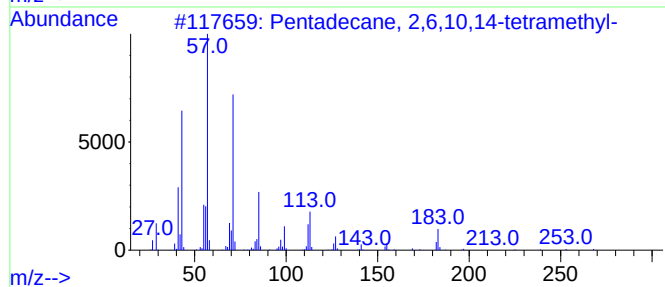
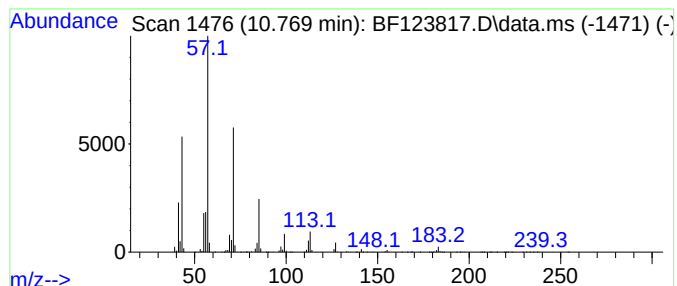
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	86.75 ng	7967130	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	95
2			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
3			Decane, 5-propyl-	184	C13H28	017312-62-8	68
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
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Instrument :
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ClientSampleId :
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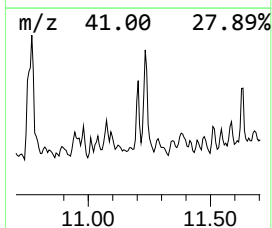
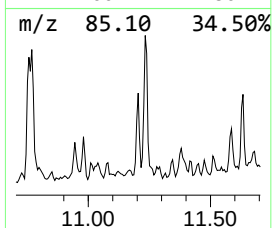
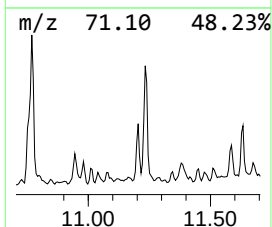
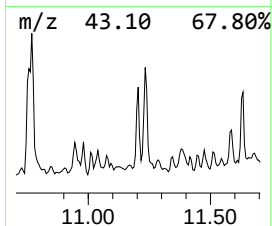
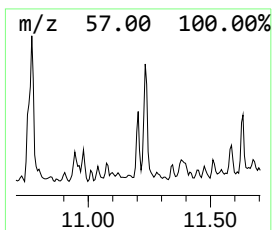
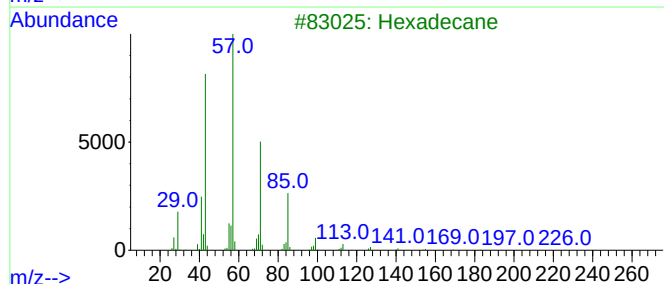
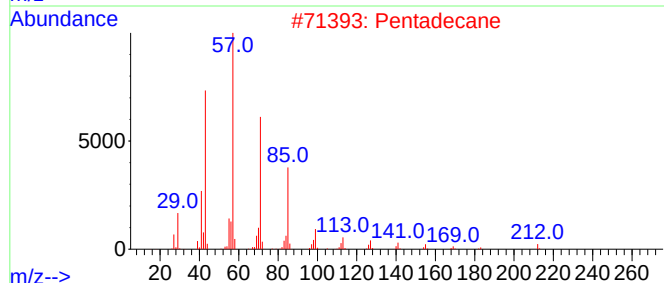
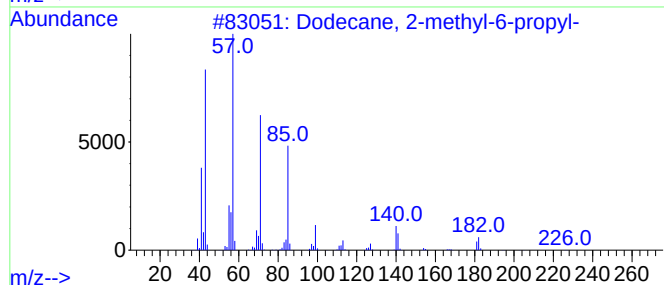
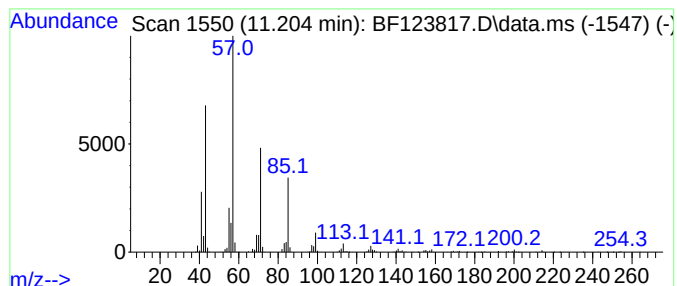
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	21.98 ng	2018570	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
2			Pentadecane	212	C15H32	000629-62-9	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tetracosane	338	C24H50	000646-31-1	80
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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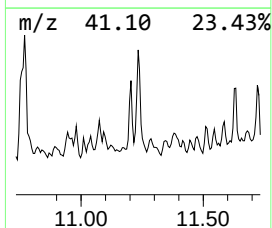
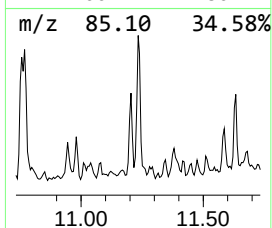
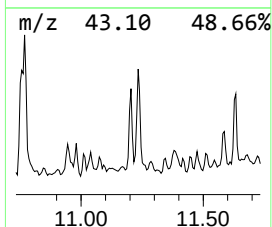
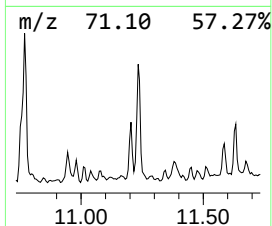
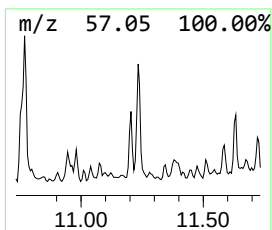
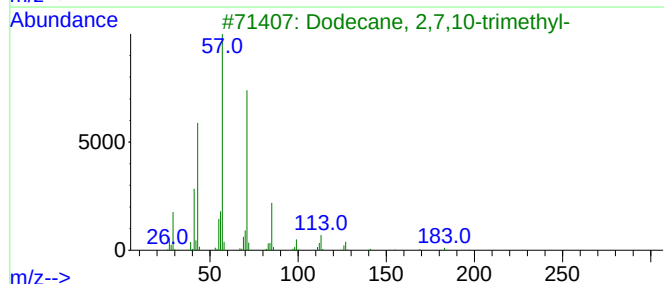
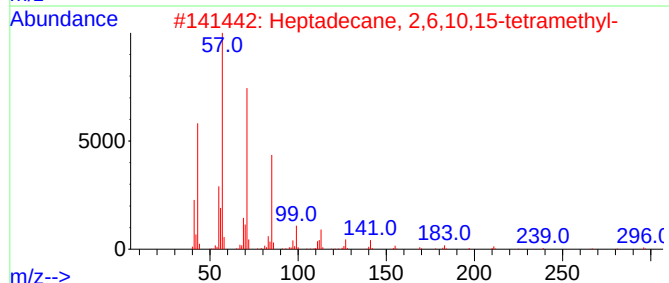
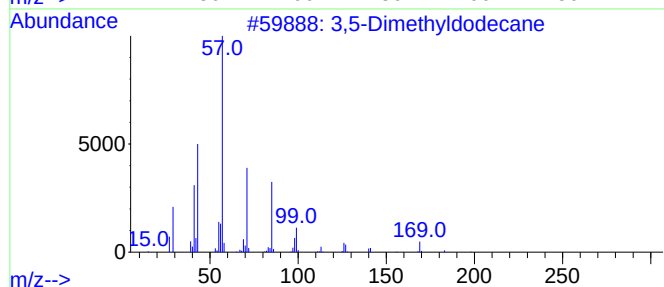
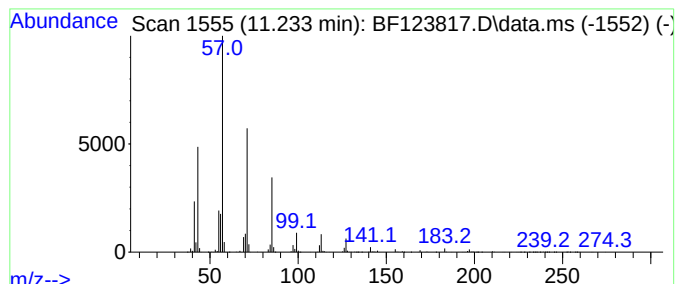
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 3,5-Dimethyldodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	49.52 ng	4548100	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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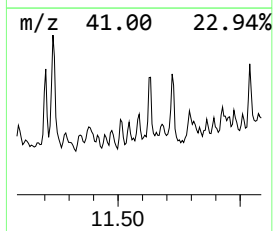
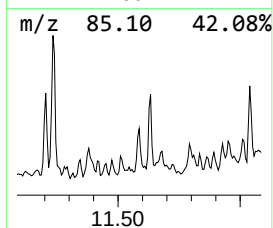
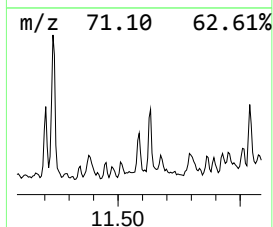
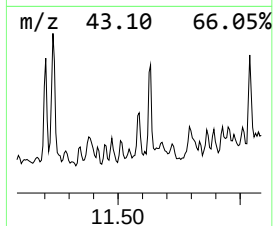
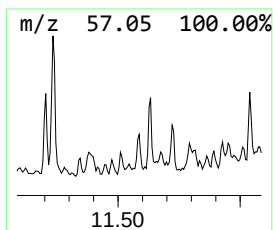
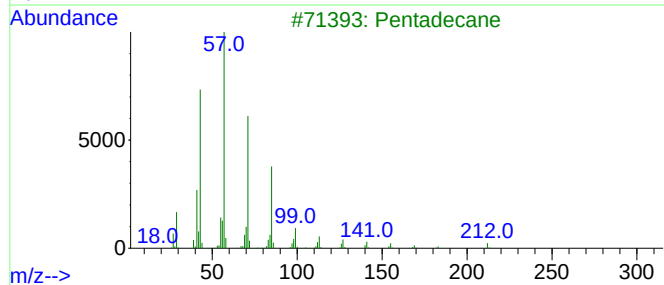
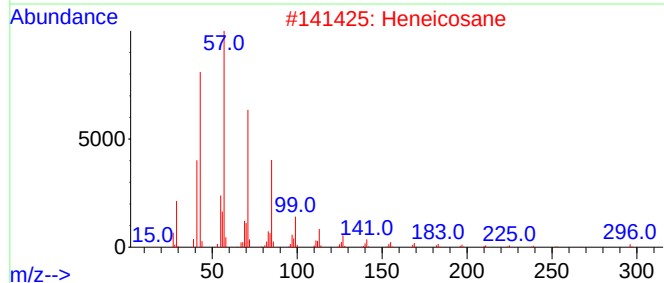
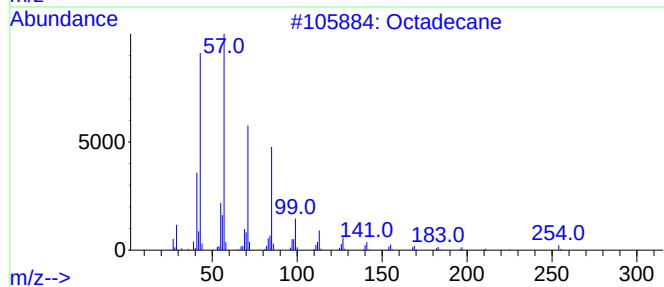
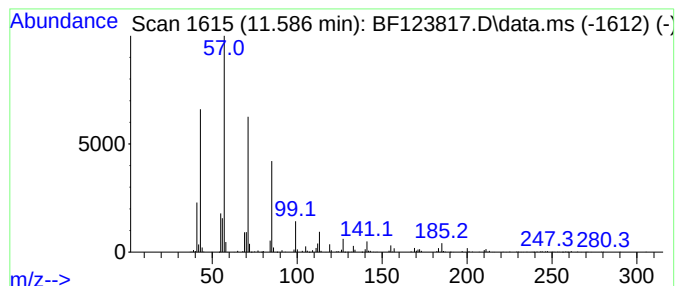
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	12.16 ng	1116770	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	87
2			Heneicosane	296	C21H44	000629-94-7	87
3			Pentadecane	212	C15H32	000629-62-9	87
4			Hexadecane	226	C16H34	000544-76-3	87
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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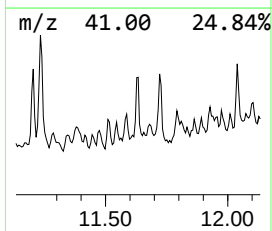
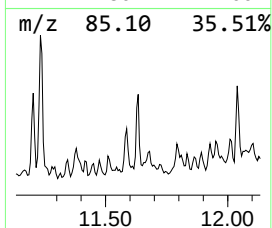
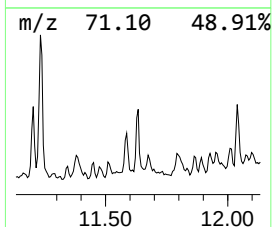
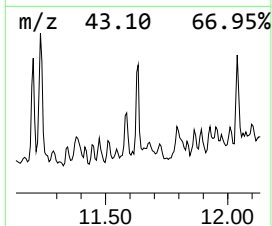
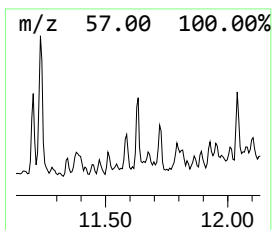
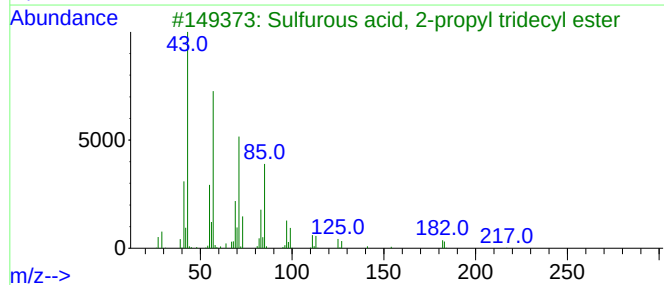
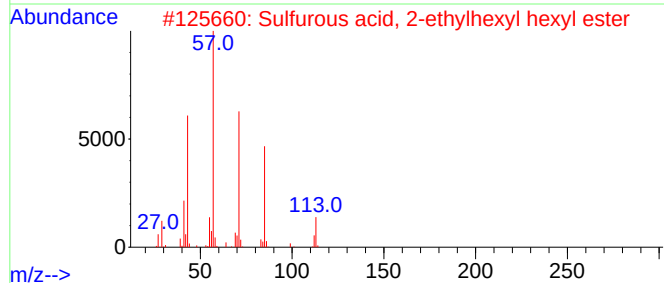
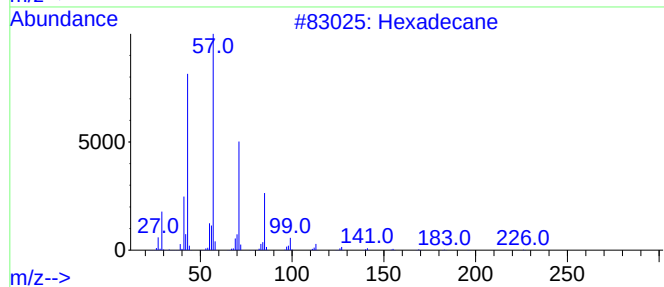
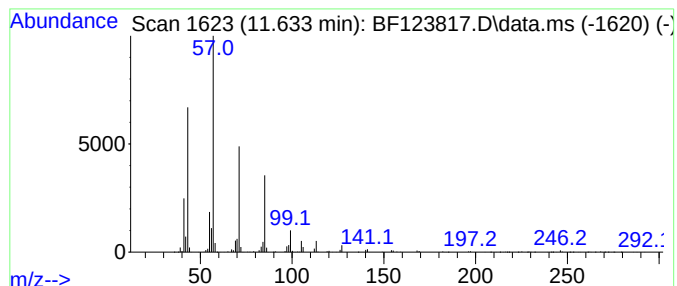
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Sulfurous acid, 2-propyl tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	19.97 ng	1833790	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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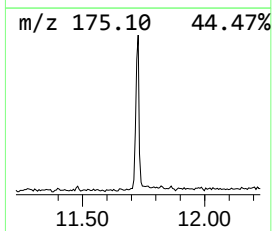
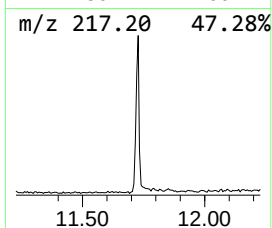
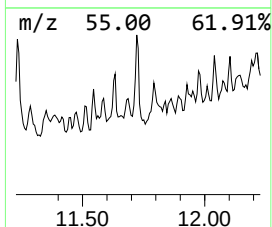
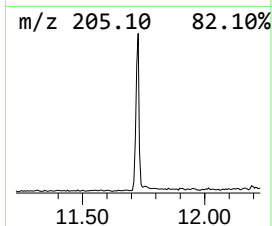
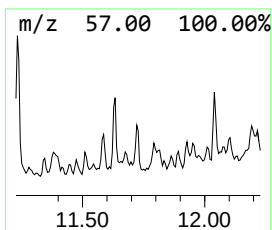
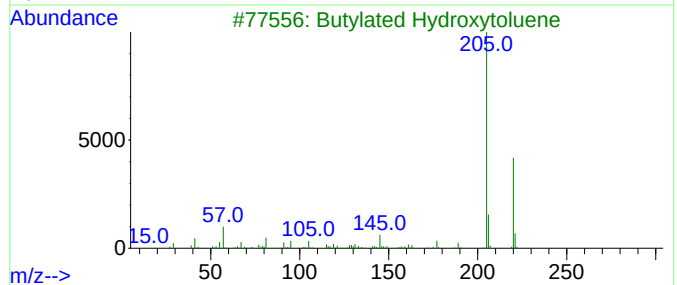
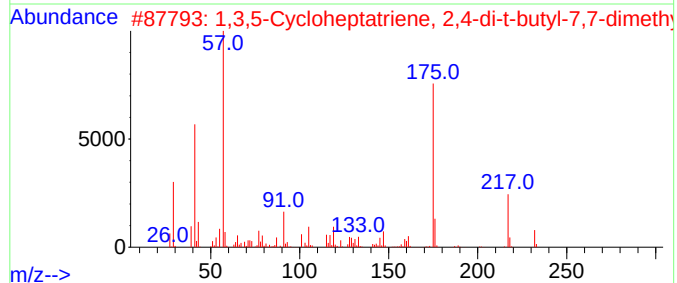
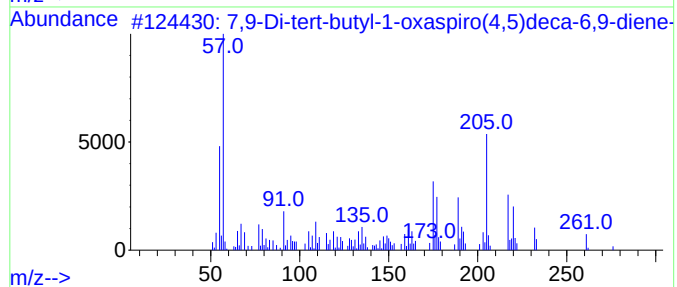
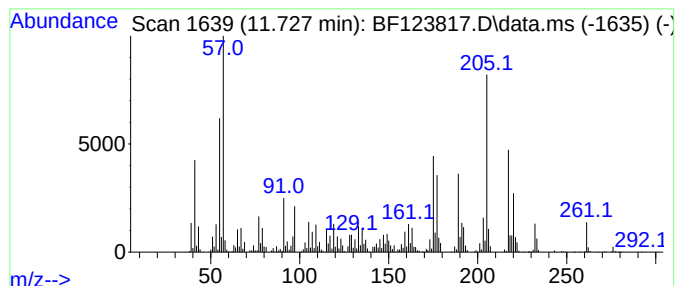
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.727	32.31 ng	2967920	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99		
2	1,3,5-Cycloheptatriene, 2,4-di-t...	232	C17H28	1000160-92-5	45		
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	41		
4	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	38		
5	2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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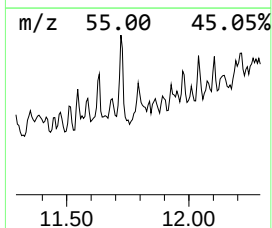
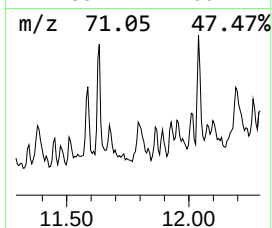
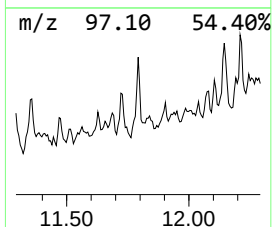
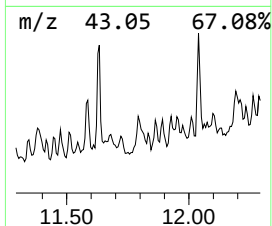
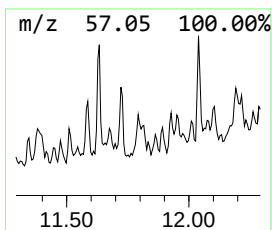
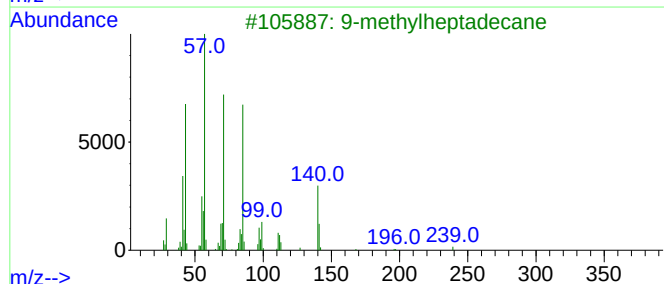
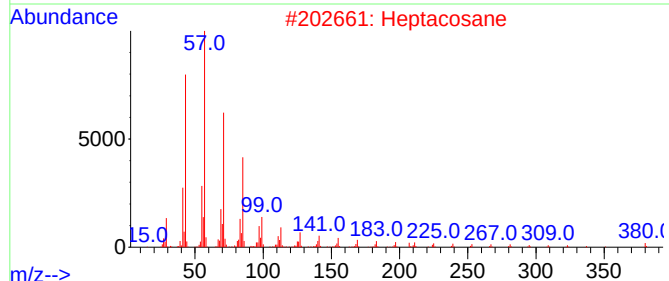
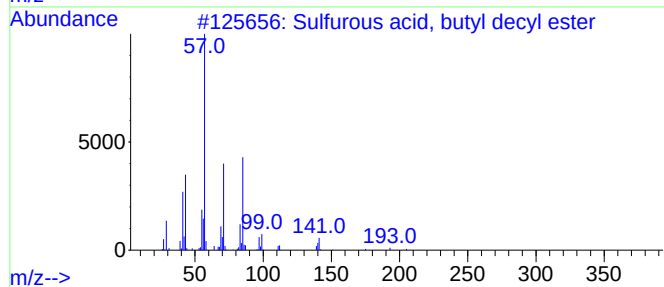
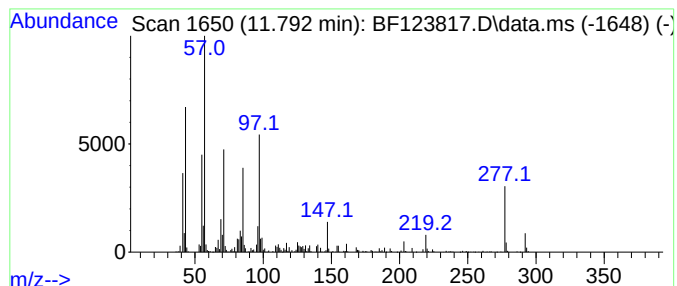
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown11.792 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.792	11.38 ng	1045310	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	46
2			Heptacosane	380	C27H56	000593-49-7	46
3			9-methylheptadecane	254	C18H38	026741-18-4	43
4			Tetradecane	198	C14H30	000629-59-4	43
5			Nonadecane	268	C19H40	000629-92-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

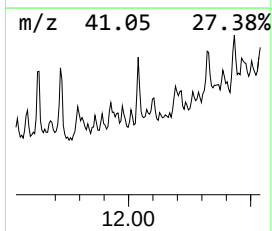
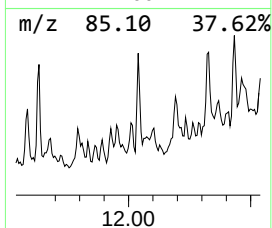
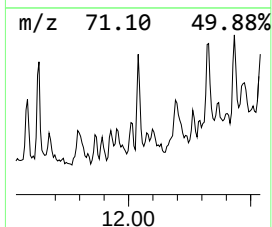
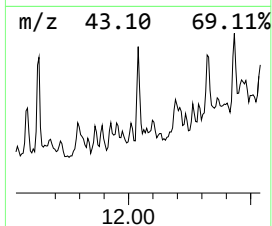
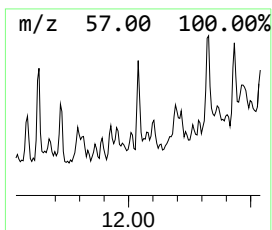
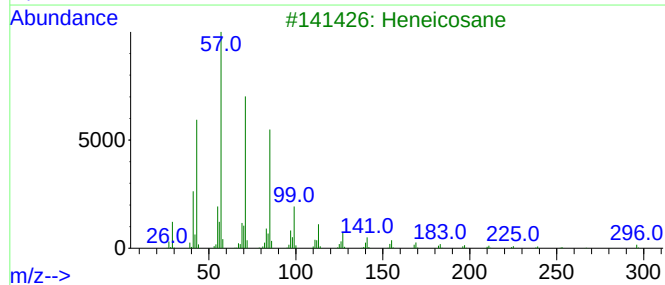
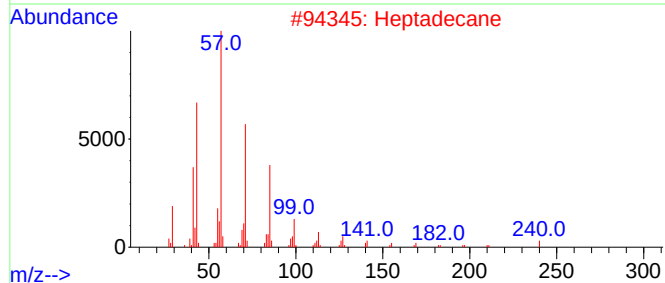
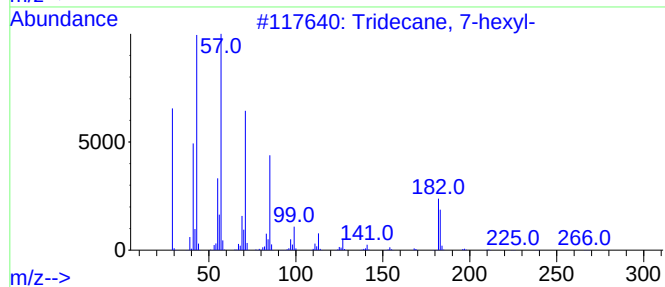
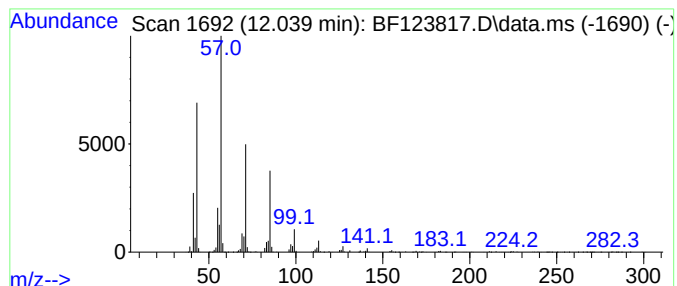
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tridecane, 7-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.039	20.12 ng	1847670	Phenanthrene-d10		11.327	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	94
2	Heptadecane		240	C17H36	000629-78-7	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Eicosane		282	C20H42	000112-95-8	81
5	Heptacosane		380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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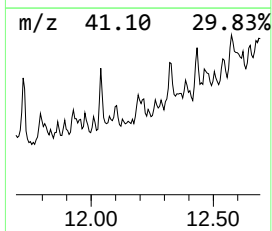
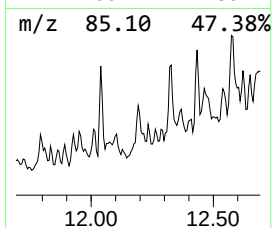
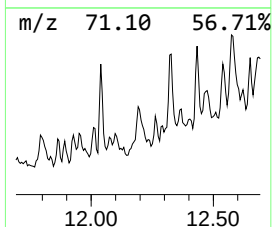
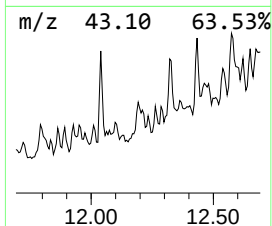
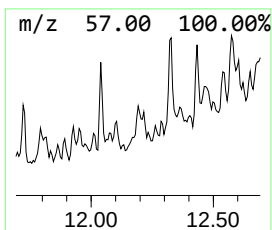
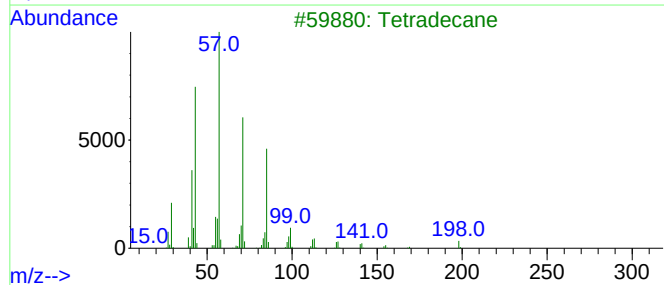
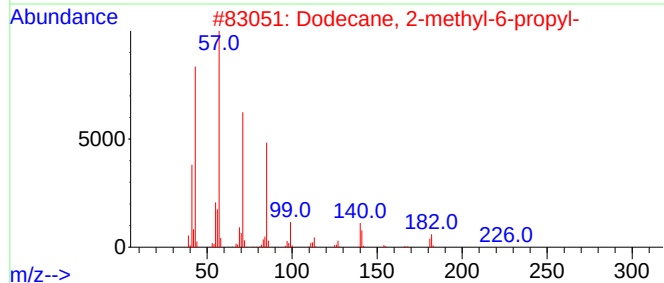
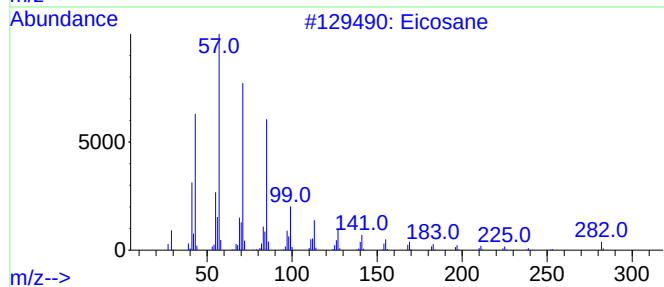
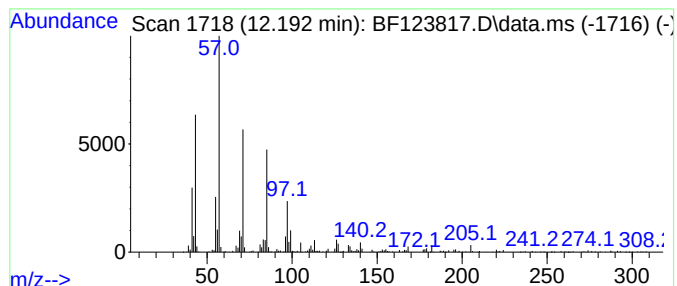
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	11.18 ng	1026490	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	64
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
3			Tetradecane	198	C14H30	000629-59-4	64
4			Heptadecane	240	C17H36	000629-78-7	50
5			Pentacosane	352	C25H52	000629-99-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
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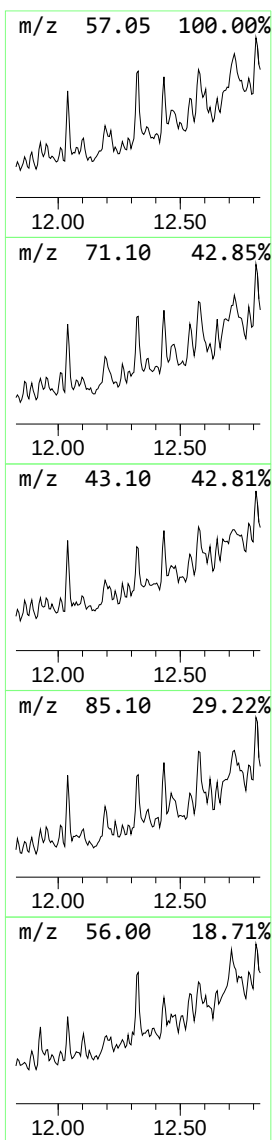
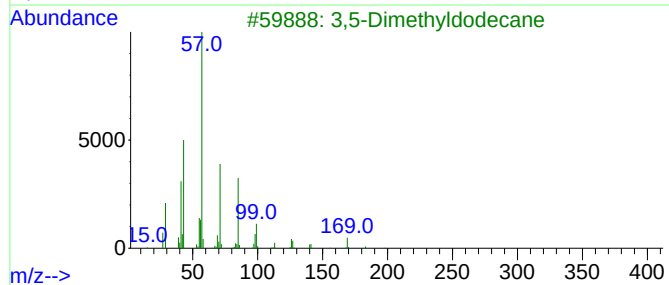
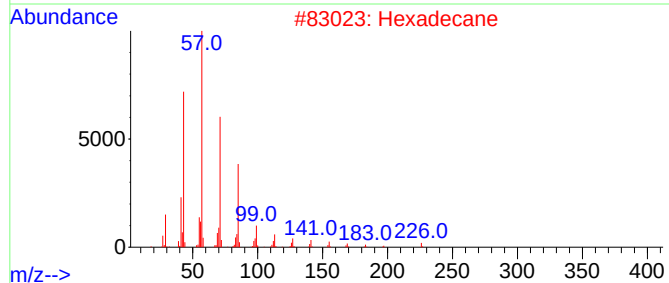
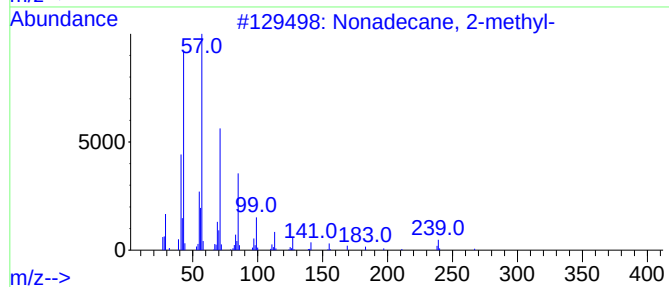
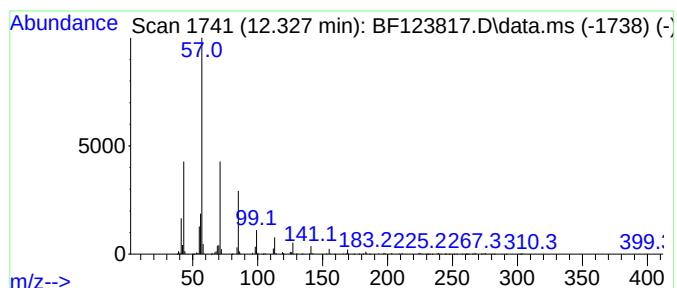
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Nonadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.327	20.29 ng	1863870	Phenanthrene-d10		11.327	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	90
2	Hexadecane		226	C16H34	000544-76-3	86
3	3,5-Dimethyldodecane		198	C14H30	107770-99-0	86
4	Eicosane, 3-methyl-		296	C21H44	006418-46-8	83
5	Sulfurous acid, butyl heptadecyl...		376	C21H44O3S	1000309-18-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
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Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

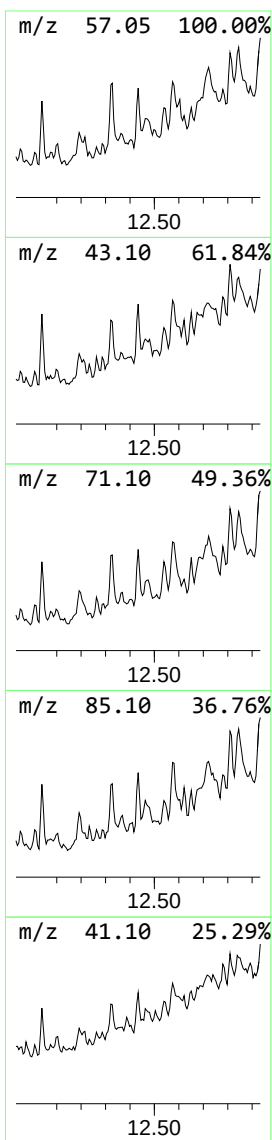
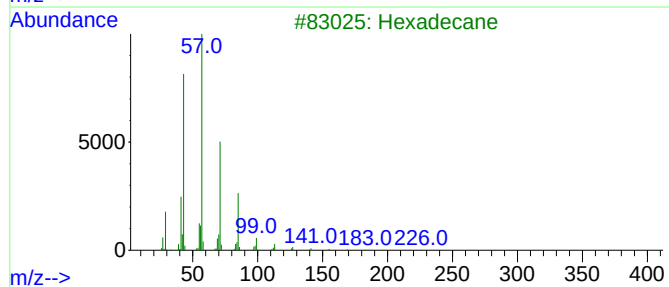
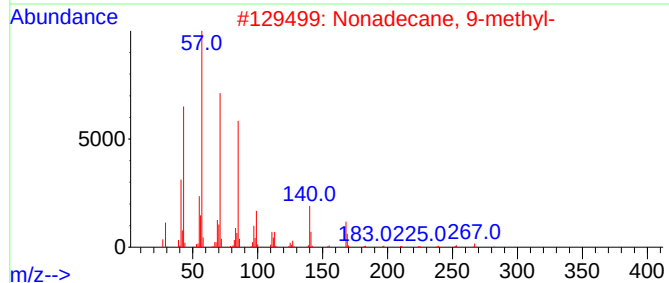
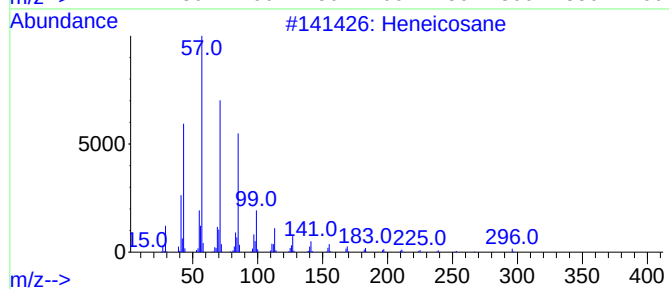
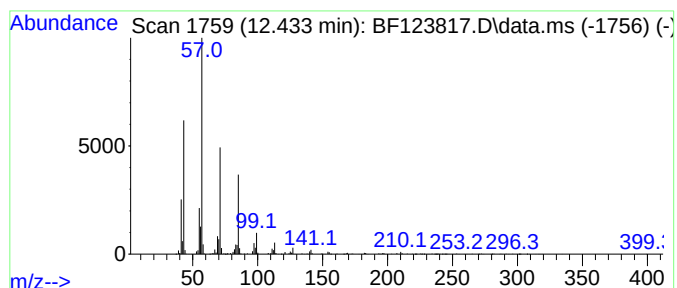
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.433	23.11 ng	2122860	Phenanthrene-d10		11.327	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	91
3	Hexadecane		226	C16H34	000544-76-3	86
4	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	81
5	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123817.D
Acq On : 4 May 2021 19:52
Operator : JU/CG
Sample : M2252-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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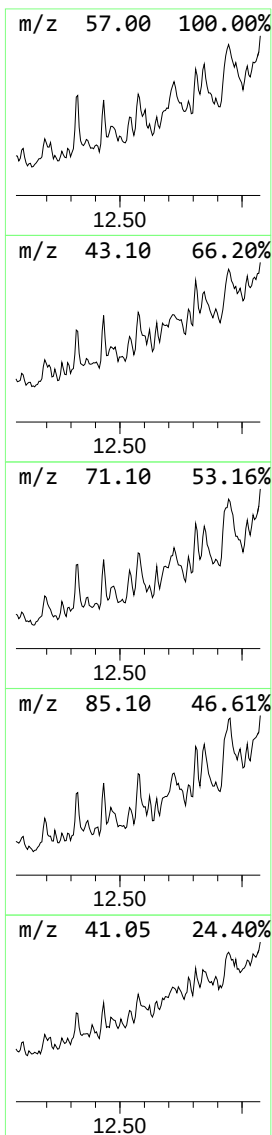
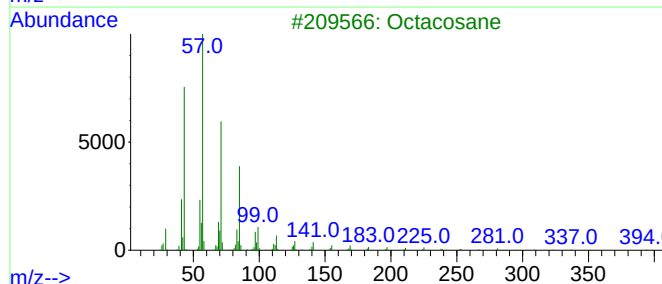
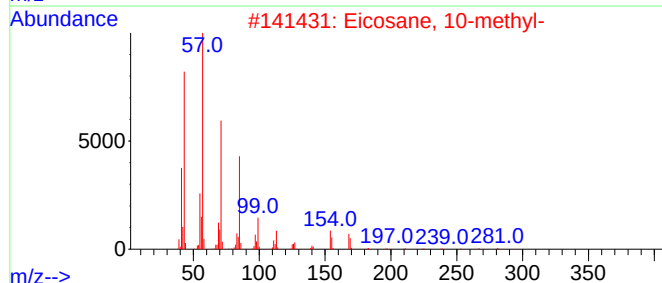
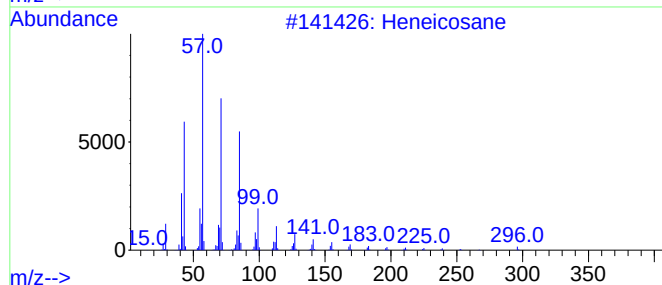
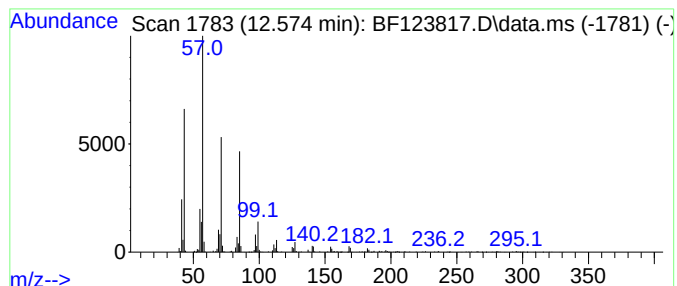
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	23.36 ng	2145790	Phenanthrene-d10	11.327

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3			Octacosane	394	C28H58	000630-02-4	81
4			Hexadecane	226	C16H34	000544-76-3	76
5			Hexacosane	366	C26H54	000630-01-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123817.D
 Acq On : 4 May 2021 19:52
 Operator : JU/CG
 Sample : M2252-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecane	9.245	15.1	ng	1436480	3	9.839	1898560	20.0
unknown9.516	9.516	36.3	ng	3442850	3	9.839	1898560	20.0
Pentadecane, 7-...	9.569	34.0	ng	3223260	3	9.839	1898560	20.0
Pentadecane	9.780	18.5	ng	1754960	3	9.839	1898560	20.0
Isobutyl nonyl ...	10.010	13.9	ng	1314300	3	9.839	1898560	20.0
Heneicosane	10.104	18.8	ng	1781080	3	9.839	1898560	20.0
Sulfurous acid,...	10.281	29.4	ng	2789650	3	9.839	1898560	20.0
Pentadecane, 2,...	10.504	46.3	ng	4395310	3	9.839	1898560	20.0
Pentadecane, 2,...	10.769	86.8	ng	7967130	4	11.327	1836910	20.0
Dodecane, 2-met...	11.204	22.0	ng	2018570	4	11.327	1836910	20.0
3,5-Dimethyldod...	11.233	49.5	ng	4548100	4	11.327	1836910	20.0
Octadecane	11.586	12.2	ng	1116770	4	11.327	1836910	20.0
Sulfurous acid,...	11.633	20.0	ng	1833790	4	11.327	1836910	20.0
7,9-Di-tert-but...	11.727	32.3	ng	2967920	4	11.327	1836910	20.0
unknown11.792	11.792	11.4	ng	1045310	4	11.327	1836910	20.0
Tridecane, 7-he...	12.039	20.1	ng	1847670	4	11.327	1836910	20.0
Eicosane	12.192	11.2	ng	1026490	4	11.327	1836910	20.0
Nonadecane, 2-m...	12.327	20.3	ng	1863870	4	11.327	1836910	20.0
Nonadecane, 9-m...	12.433	23.1	ng	2122860	4	11.327	1836910	20.0
Eicosane, 10-me...	12.574	23.4	ng	2145790	4	11.327	1836910	20.0