

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135296.D
 Acq On : 16 Sep 2023 00:14
 Operator : CG\JU
 Sample : 04366-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC4

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135296.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.346	550	554	556	rBV	108709	119368	2.03%	0.158%
2	5.387	559	561	574	rVB	90441	101308	1.72%	0.134%
3	6.404	731	734	740	rBV2	106034	132748	2.25%	0.175%
4	6.581	761	764	768	rBV2	76565	107009	1.82%	0.141%
5	6.757	791	794	801	rBV	783335	620180	10.53%	0.819%
6	7.022	828	839	844	rBV4	55316	96107	1.63%	0.127%
7	7.175	862	865	871	rVB	171731	206195	3.50%	0.272%
8	7.351	893	895	899	rVB	136144	100381	1.70%	0.133%
9	7.698	951	954	961	rVB5	106040	157362	2.67%	0.208%
10	7.781	961	968	971	rBV5	83868	174444	2.96%	0.230%
11	7.992	998	1004	1006	rBV4	46071	91146	1.55%	0.120%
12	8.039	1006	1012	1014	rVV2	860501	1085648	18.43%	1.434%
13	8.057	1014	1015	1018	rVV	414159	305599	5.19%	0.404%
14	8.098	1018	1022	1025	rVB	118244	116444	1.98%	0.154%
15	8.328	1059	1061	1068	rVB5	71969	112448	1.91%	0.148%
16	8.386	1068	1071	1074	rBV3	76317	120091	2.04%	0.159%
17	8.416	1074	1076	1080	rVB2	122226	108886	1.85%	0.144%
18	8.463	1080	1084	1086	rBV	272397	261373	4.44%	0.345%
19	8.634	1109	1113	1116	rBV	840802	696576	11.83%	0.920%
20	8.728	1125	1129	1131	rBV	114616	110231	1.87%	0.146%
21	8.751	1131	1133	1136	rVB	702559	501720	8.52%	0.663%
22	8.851	1147	1150	1153	rVB	423950	349815	5.94%	0.462%
23	8.916	1158	1161	1163	rBV	134637	133049	2.26%	0.176%
24	8.945	1163	1166	1168	rVV3	130388	178928	3.04%	0.236%
25	8.998	1171	1175	1177	rVV2	187578	181073	3.07%	0.239%
26	9.039	1177	1182	1183	rVV2	128346	151064	2.56%	0.199%
27	9.063	1183	1186	1190	rVV	565414	464544	7.89%	0.613%
28	9.116	1192	1195	1199	rVB	157623	163316	2.77%	0.216%
29	9.198	1204	1209	1214	rBV2	1436589	1591163	27.02%	2.101%
30	9.263	1218	1220	1225	rVV4	124496	175546	2.98%	0.232%
31	9.316	1225	1229	1232	rVB3	241524	294239	5.00%	0.389%
32	9.386	1236	1241	1244	rVB2	554107	747111	12.68%	0.987%
33	9.457	1249	1253	1255	rVV	848629	920830	15.63%	1.216%
34	9.481	1255	1257	1259	rVV	698114	599990	10.19%	0.792%
35	9.498	1259	1260	1262	rVV2	482273	444087	7.54%	0.586%
36	9.522	1262	1264	1266	rVV	975182	765293	12.99%	1.011%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.539	1266	1267	1270	rVV2	269555	271126	4.60%	0.358%
38	9.575	1270	1273	1277	rVB2	374638	466935	7.93%	0.617%
39	9.657	1284	1287	1292	rBV3	338260	380975	6.47%	0.503%
40	9.704	1292	1295	1297	rVB	433532	347199	5.89%	0.458%

41	9.733	1297	1300	1304	rBV	2052645	1604551	27.24%	2.119%
42	9.775	1304	1307	1308	rBV3	376121	392248	6.66%	0.518%
43	9.792	1308	1310	1313	rVB	786123	714832	12.14%	0.944%
44	9.828	1313	1316	1320	rBV3	350433	438102	7.44%	0.579%
45	9.904	1326	1329	1333	rVB2	392460	463831	7.88%	0.613%

46	9.945	1333	1336	1337	rBV2	170936	185542	3.15%	0.245%
47	9.998	1342	1345	1350	rVV2	852496	1063306	18.05%	1.404%
48	10.039	1350	1352	1359	rVB3	542105	849034	14.42%	1.121%
49	10.116	1362	1365	1368	rBV	453242	472117	8.02%	0.623%
50	10.145	1368	1370	1372	rVB	356435	231047	3.92%	0.305%

51	10.169	1372	1374	1377	rBV2	89769	101469	1.72%	0.134%
52	10.204	1377	1380	1382	rBV3	417333	468863	7.96%	0.619%
53	10.233	1382	1385	1388	rVV	1984363	1809020	30.71%	2.389%
54	10.345	1400	1404	1406	rBV3	443854	468243	7.95%	0.618%
55	10.457	1417	1423	1426	rBV	1166583	1379108	23.42%	1.821%

56	10.504	1428	1431	1435	rVB3	321965	465632	7.91%	0.615%
57	10.539	1435	1437	1440	rBV2	287967	320292	5.44%	0.423%
58	10.575	1440	1443	1444	rBV2	350024	367854	6.25%	0.486%
59	10.622	1449	1451	1453	rBV2	173895	181384	3.08%	0.240%
60	10.710	1462	1466	1471	rBV3	4151817	5889755	100.00%	7.778%

61	10.839	1485	1488	1494	rBV	1030637	991685	16.84%	1.310%
62	10.898	1496	1498	1500	rBV3	204136	190173	3.23%	0.251%
63	10.969	1507	1510	1513	rVB	643196	525799	8.93%	0.694%
64	10.998	1513	1515	1519	rVV	420769	340497	5.78%	0.450%
65	11.039	1519	1522	1526	rVB3	482261	577426	9.80%	0.763%

66	11.086	1528	1530	1534	rVV4	222511	252172	4.28%	0.333%
67	11.127	1534	1537	1540	rVV3	401020	475378	8.07%	0.628%
68	11.163	1540	1543	1546	rVV2	2366838	2709411	46.00%	3.578%
69	11.192	1546	1548	1555	rVB2	1347504	1379398	23.42%	1.822%
70	11.292	1562	1565	1567	rBV	721659	711817	12.09%	0.940%

71	11.316	1567	1569	1572	rVV	1282867	1113877	18.91%	1.471%
72	11.369	1576	1578	1581	rVB	585582	496149	8.42%	0.655%
73	11.404	1581	1584	1587	rVB4	388652	440625	7.48%	0.582%
74	11.451	1587	1592	1594	rBV2	595614	691797	11.75%	0.914%
75	11.475	1594	1596	1597	rBV2	165748	97615	1.66%	0.129%

76	11.527	1603	1605	1606	rBV2	225884	180884	3.07%	0.239%
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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 >
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77	11.545	1606	1608	1611	rVB	424741	355111	6.03%	0.469%
78	11.592	1613	1616	1619	rVV	1601703	1403134	23.82%	1.853%
79	11.798	1649	1651	1653	rBV	338487	240173	4.08%	0.317%
80	11.863	1654	1662	1665	rBV2	3123045	5338047	90.63%	7.049%
81	11.910	1668	1670	1673	rVB2	455041	517068	8.78%	0.683%
82	12.010	1684	1687	1689	rBV	1499081	1215973	20.65%	1.606%
83	12.251	1725	1728	1730	rVB	1056770	986713	16.75%	1.303%
84	12.286	1732	1734	1740	rVB2	657452	717075	12.17%	0.947%
85	12.357	1744	1746	1749	rVB2	515107	461726	7.84%	0.610%
86	12.398	1750	1753	1758	rVB2	1638425	1725391	29.29%	2.278%
87	12.522	1771	1774	1776	rBV	827997	645949	10.97%	0.853%
88	12.563	1778	1781	1783	rBV2	1111248	1408268	23.91%	1.860%
89	12.651	1792	1796	1799	rBV	1373701	1498583	25.44%	1.979%
90	12.751	1811	1813	1815	rBV	673078	527697	8.96%	0.697%
91	12.780	1815	1818	1821	rVB	1636467	1581577	26.85%	2.089%
92	13.139	1876	1879	1882	rBV	1690747	1696763	28.81%	2.241%
93	13.457	1929	1933	1935	rBV	2390009	2733233	46.41%	3.609%
94	13.492	1936	1939	1941	rVV	1751749	1695403	28.79%	2.239%
95	13.539	1944	1947	1950	rVB	2384839	2544951	43.21%	3.361%
96	13.821	1992	1995	2004	rVB	1606265	1953693	33.17%	2.580%
97	14.021	2027	2029	2034	rVB	956361	998819	16.96%	1.319%
98	14.451	2099	2102	2106	rBV2	1016528	1280453	21.74%	1.691%
99	14.757	2151	2154	2157	rBV	762330	775373	13.16%	1.024%
100	15.674	2307	2310	2311	rBV3	393909	433738	7.36%	0.573%

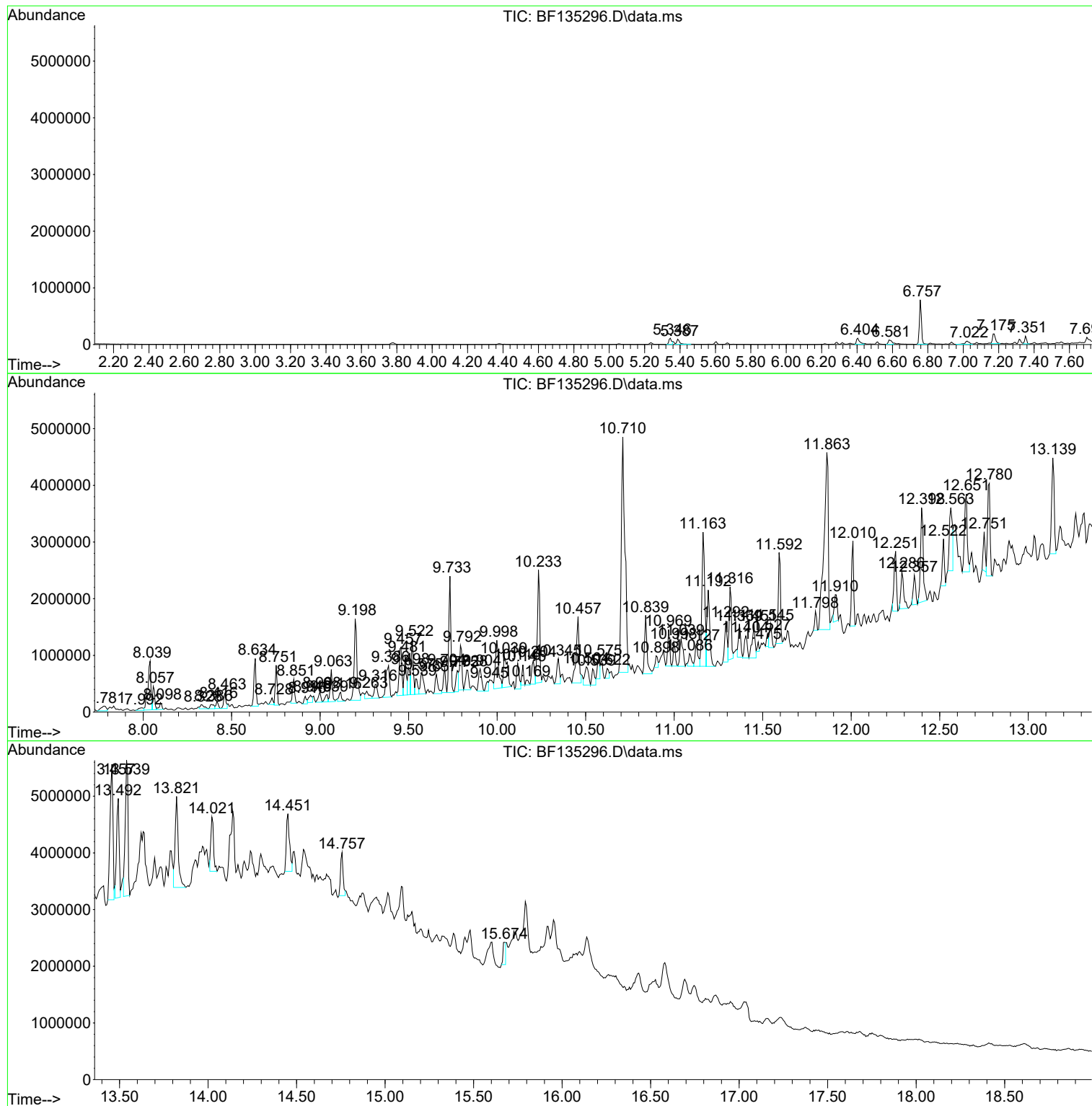
Sum of corrected areas: 75727391

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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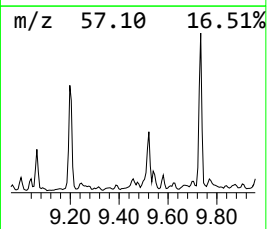
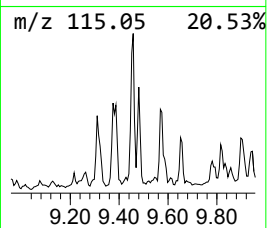
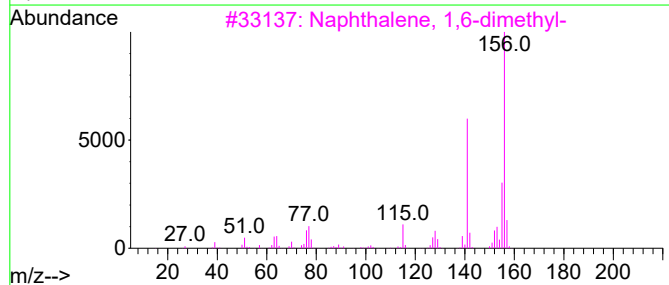
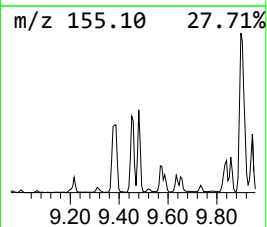
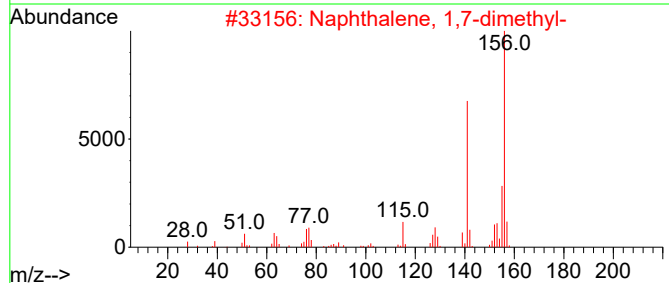
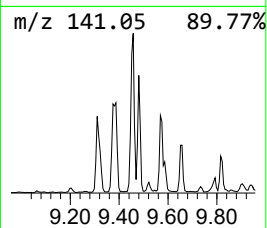
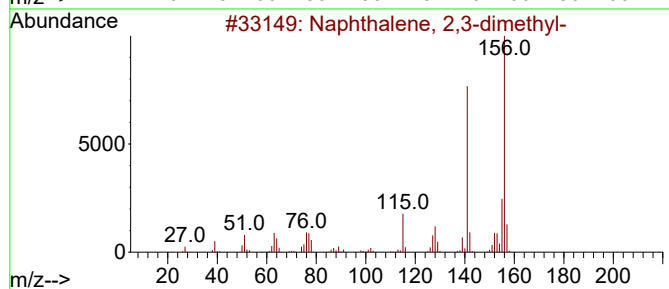
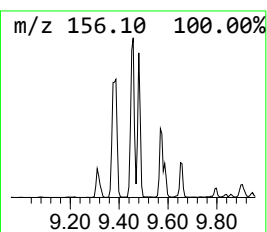
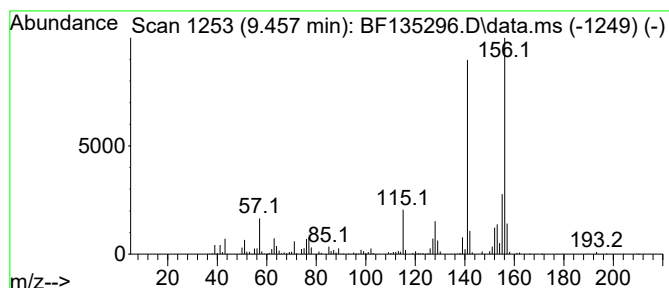
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	25.76 ng	920830	Acenaphthene-d10	9.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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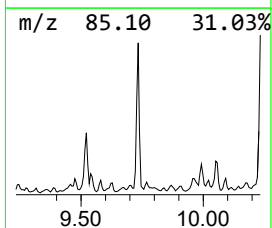
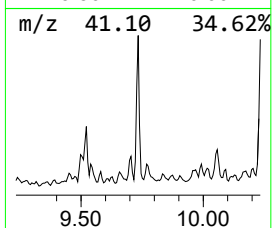
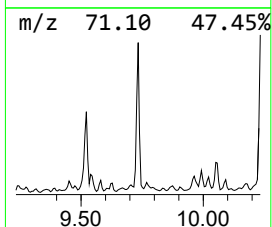
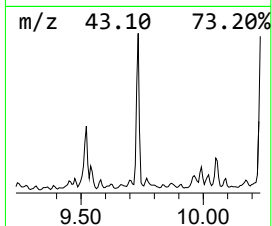
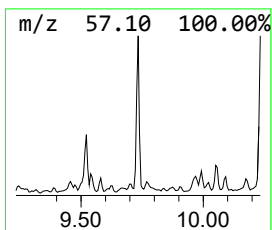
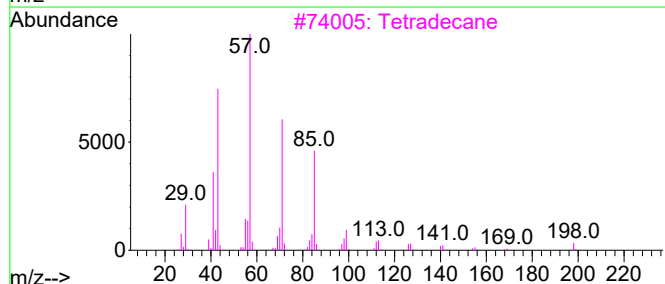
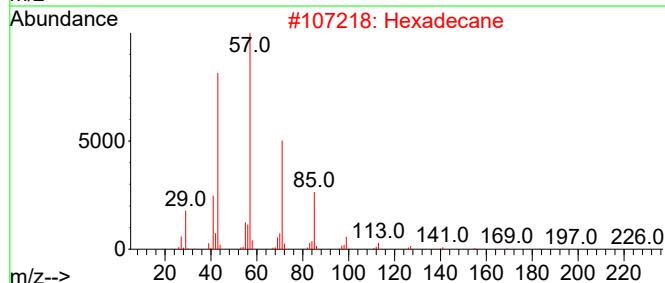
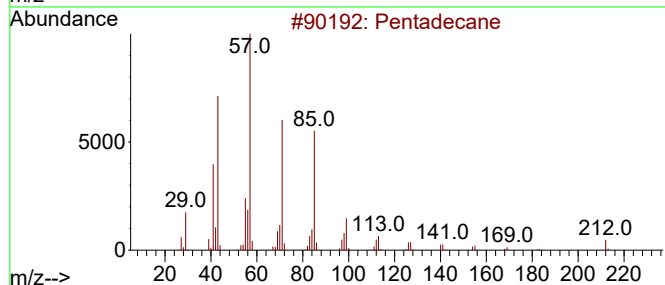
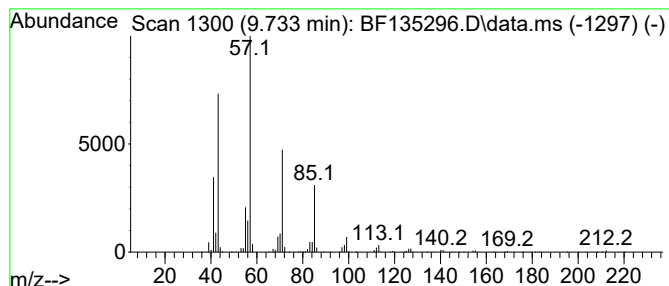
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.733	44.89 ng	1604550	Acenaphthene-d10	9.798

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	83
5		Undecane	156	C11H24	001120-21-4	80



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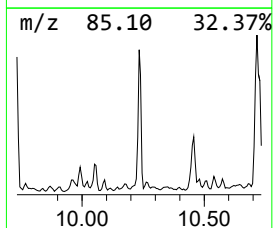
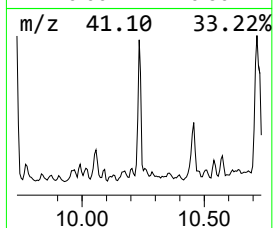
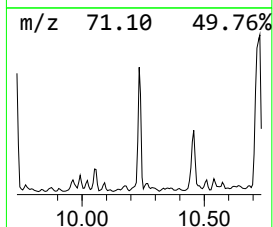
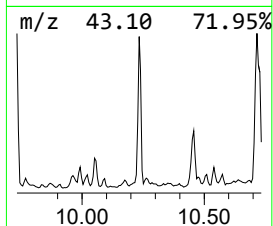
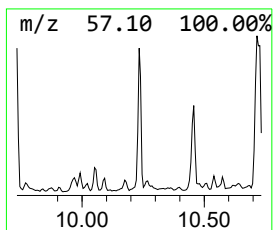
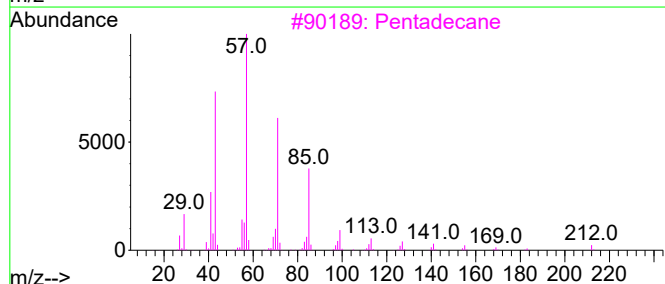
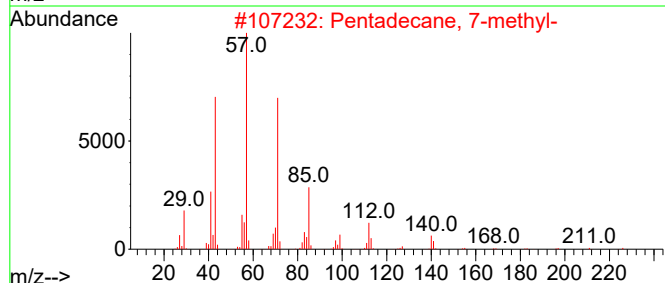
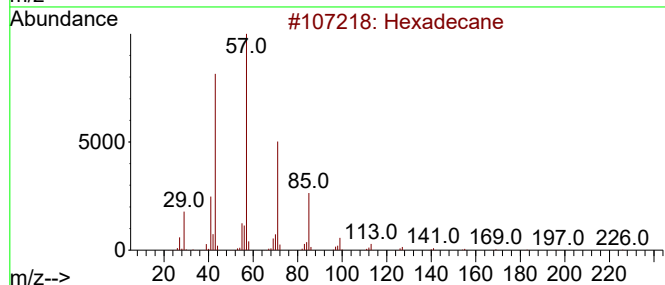
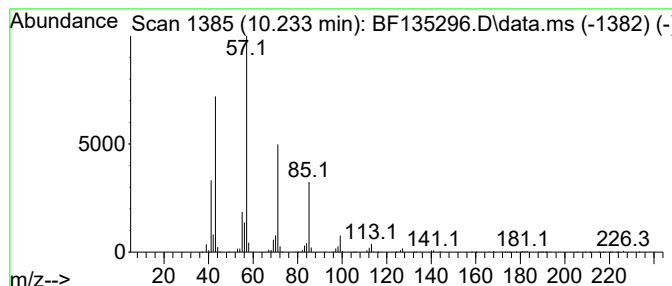
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	50.61 ng	1809020	Acenaphthene-d10	9.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
5			Tetradecane	198	C14H30	000629-59-4	80



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Acq On : 16 Sep 2023 00:14
Operator : CG\JU
Sample : 04366-01 10X
Misc :
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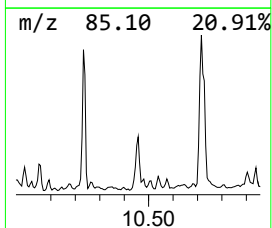
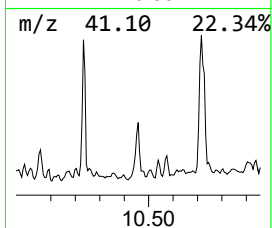
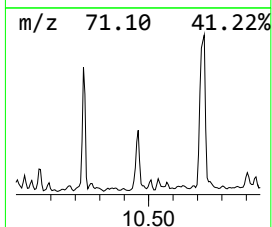
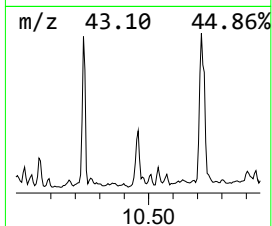
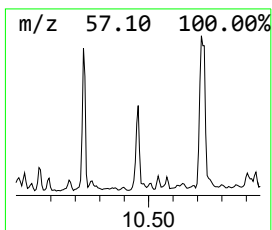
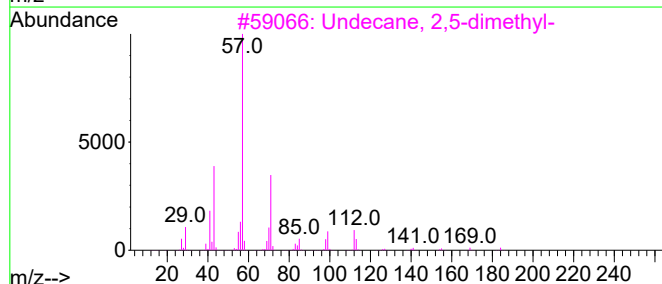
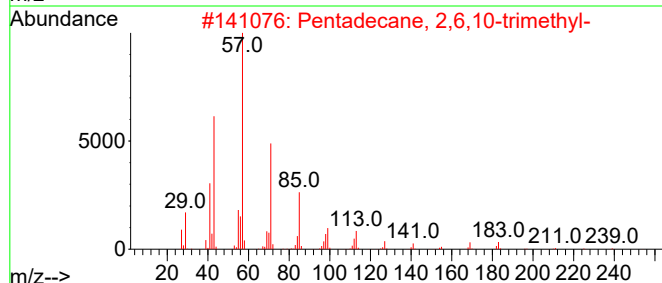
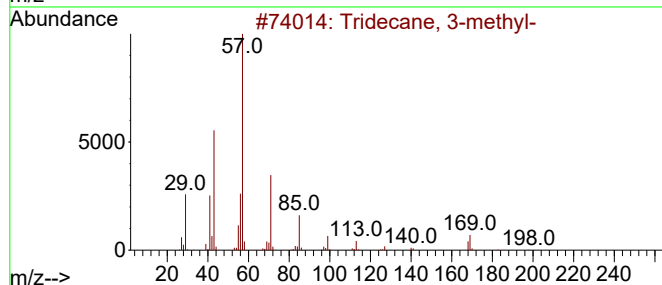
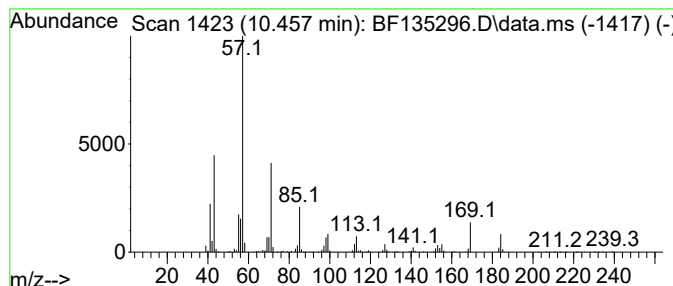
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	38.59 ng	1379110	Acenaphthene-d10	9.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58
4			Heneicosane	296	C21H44	000629-94-7	53
5			Eicosane	282	C20H42	000112-95-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
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Misc :
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ClientSampleId :
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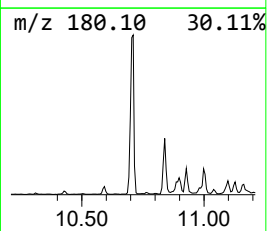
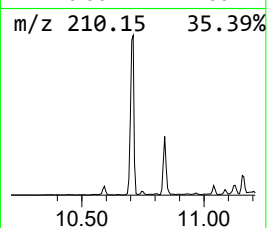
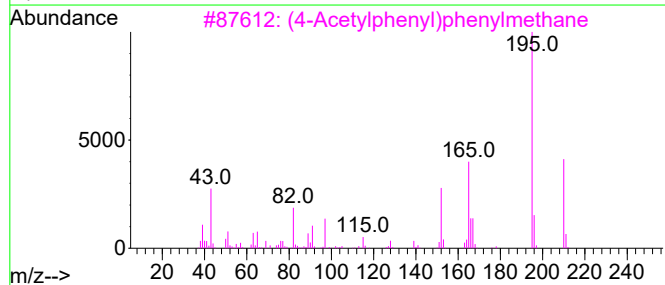
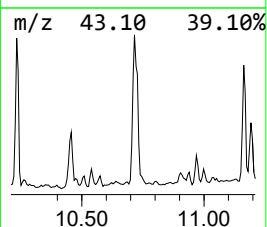
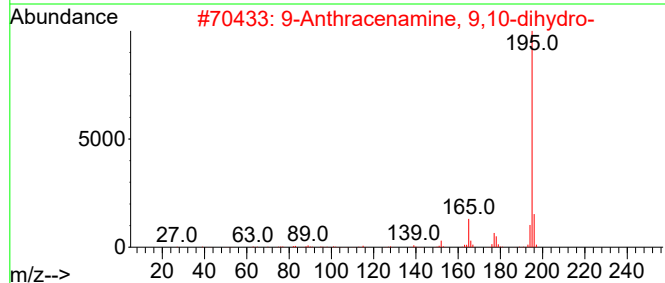
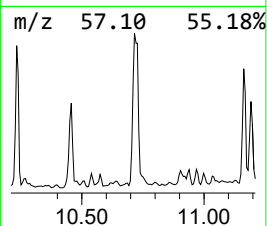
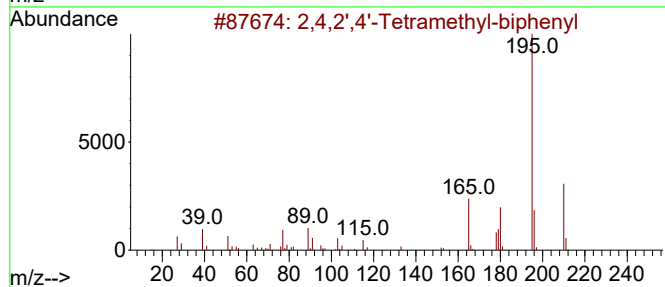
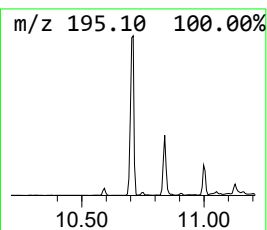
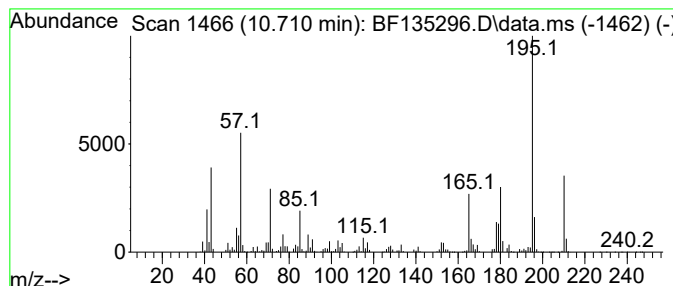
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	165.49 ng	5889760	Phenanthrene-d10	11.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	93		
2	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	53		
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	49		
4	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	43		
5	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
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Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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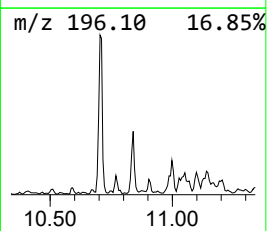
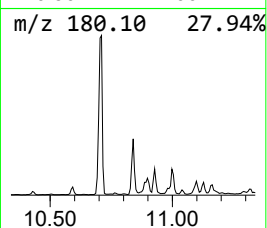
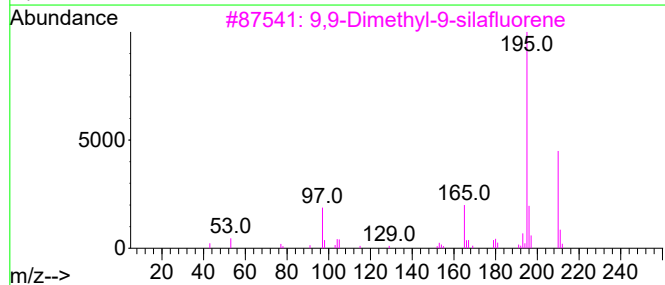
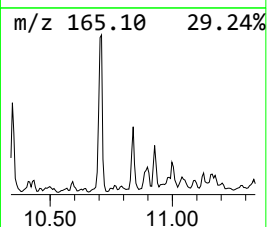
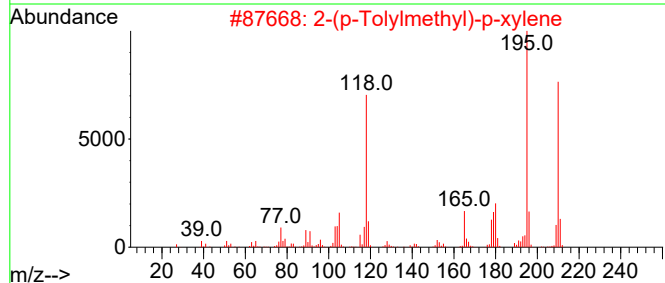
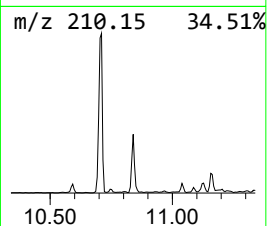
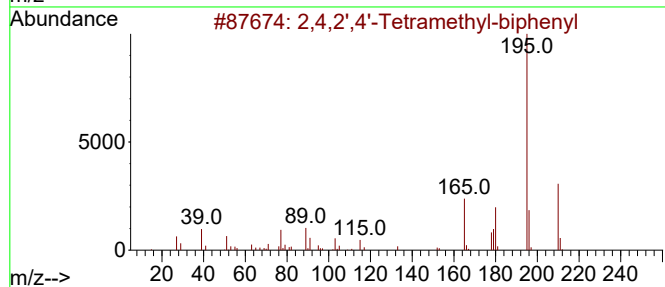
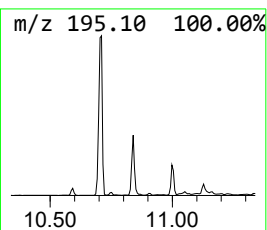
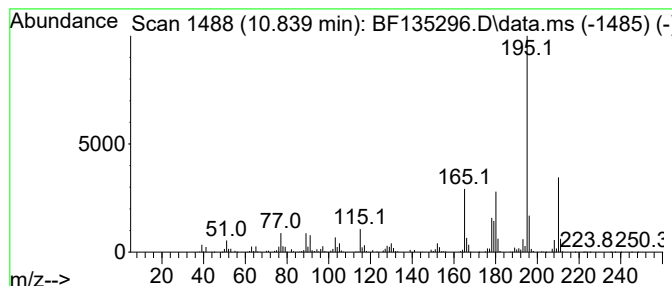
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-(p-Tolylmethyl)-p-xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	27.86 ng	991685	Phenanthrene-d10	11.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl		210	C16H18	1000486-97-7	87	
2	2-(p-Tolylmethyl)-p-xylene		210	C16H18	000721-45-9	86	
3	9,9-Dimethyl-9-silafluorene		210	C14H14Si	013688-68-1	81	
4	9H-Carbazol-3-amine, 9-ethyl-		210	C14H14N2	000132-32-1	53	
5	(4-Acetylphenyl)phenylmethane		210	C15H14O	000782-92-3	53	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
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Sample : 04366-01 10X
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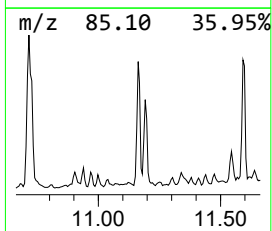
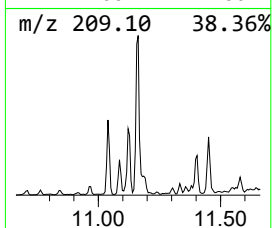
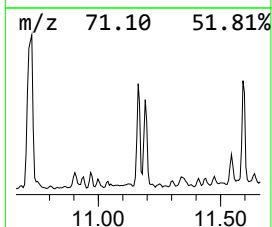
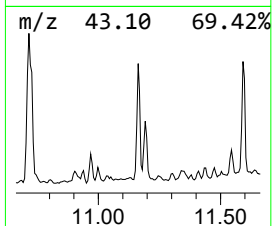
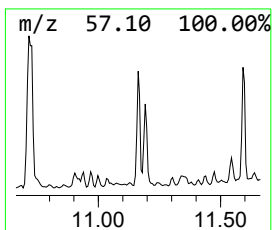
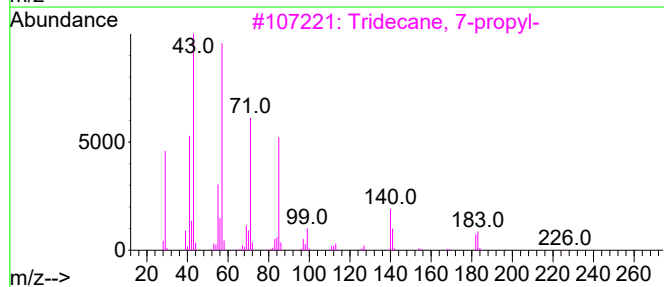
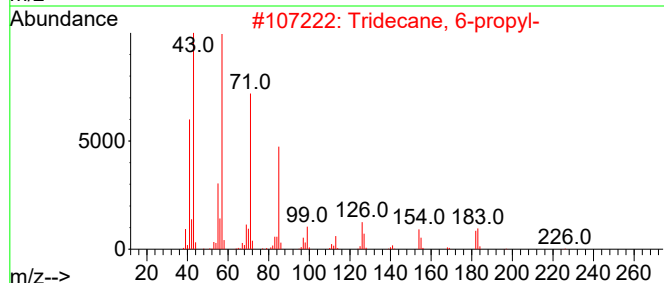
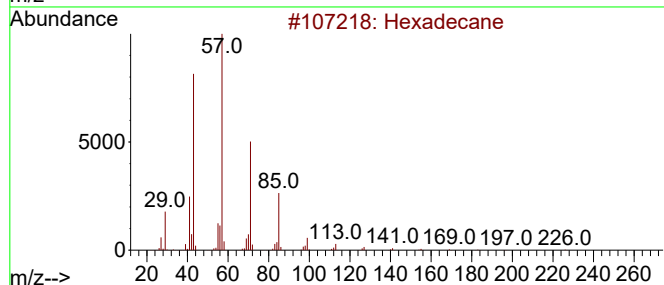
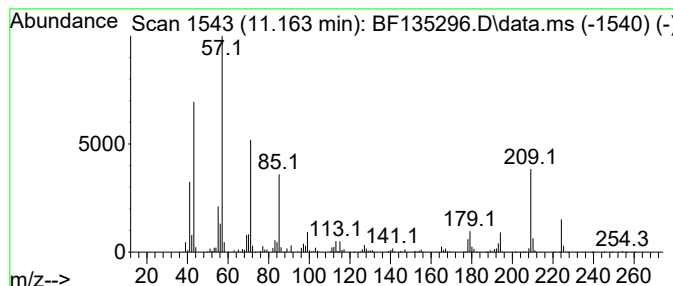
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 6-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.163	76.13 ng	2709410	Phenanthrene-d10		11.292	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	89
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	64
3	Tridecane, 7-propyl-		226	C16H34	055045-09-5	60
4	Nonadecane		268	C19H40	000629-92-5	45
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	43



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Data File : BF135296.D
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ClientSampleId :
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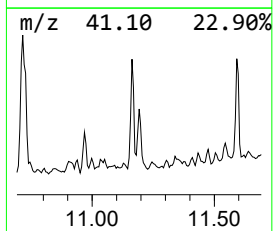
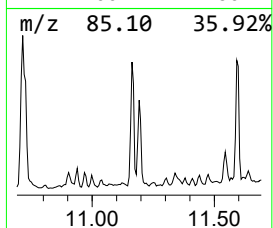
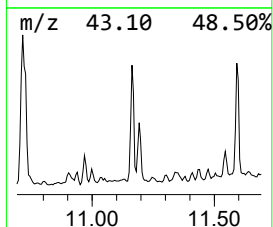
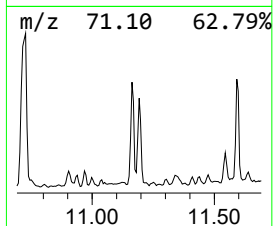
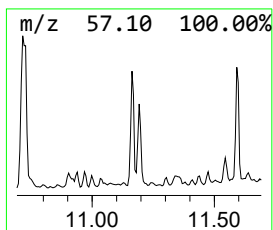
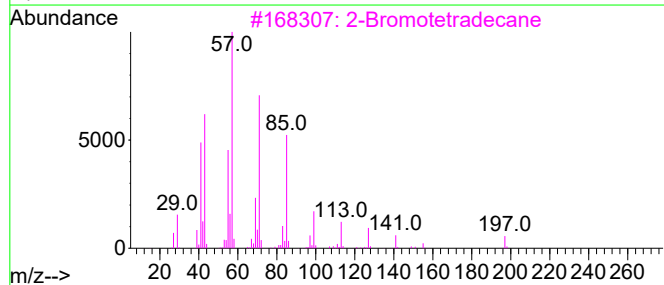
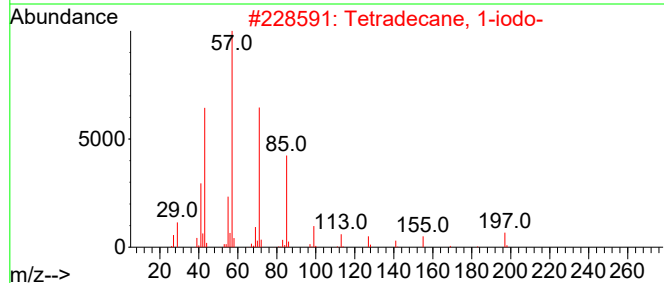
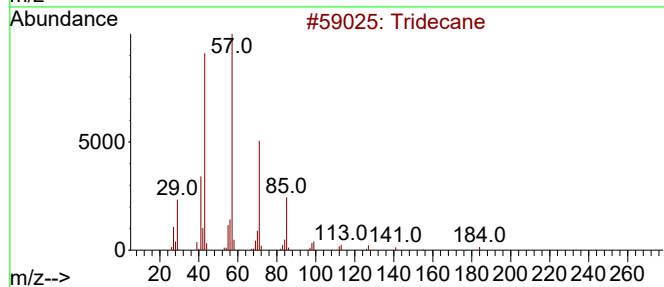
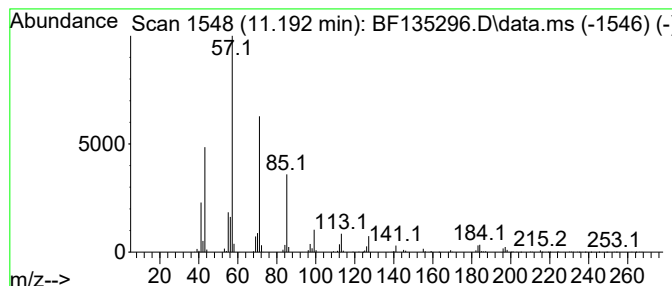
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	38.76 ng	1379400	Phenanthrene-d10	11.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	80
4		Tritetracontane	605	C43H88	007098-21-7	78
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
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Acq On : 16 Sep 2023 00:14
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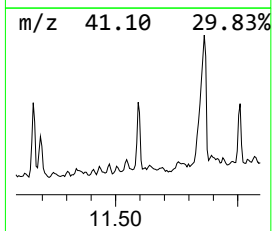
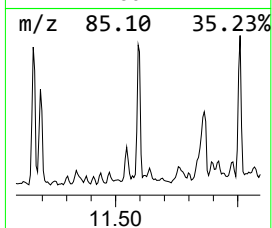
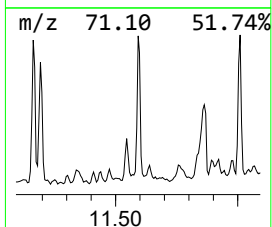
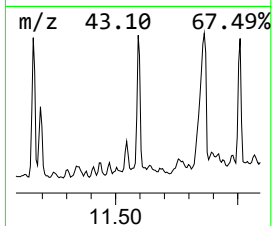
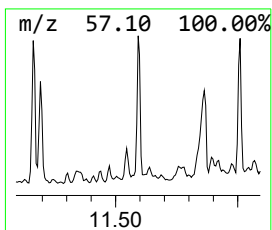
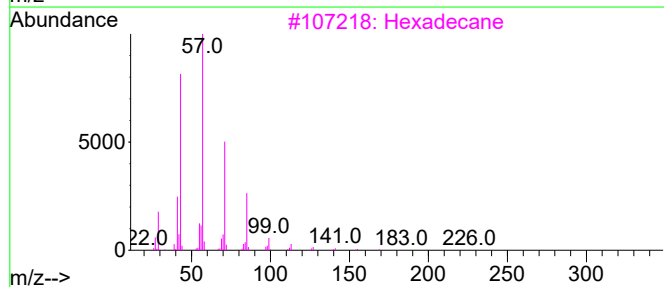
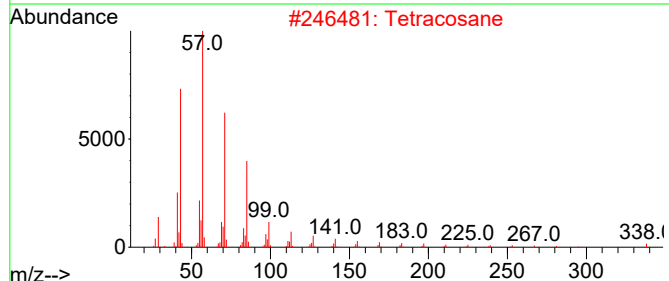
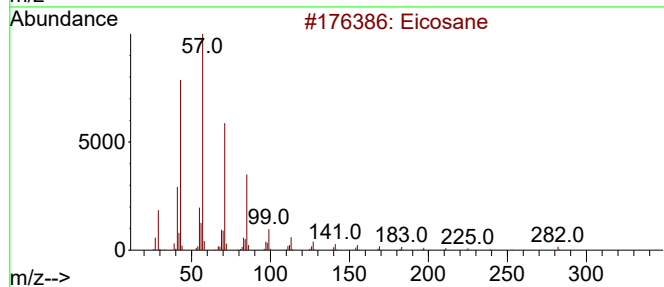
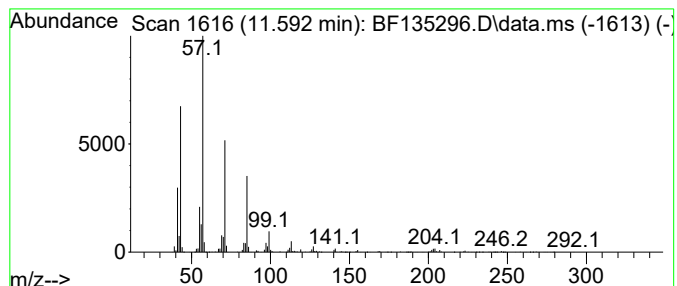
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.592	39.42 ng	1403130	Phenanthrene-d10	11.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
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Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

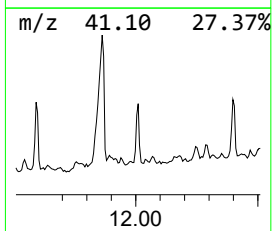
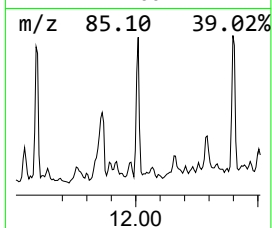
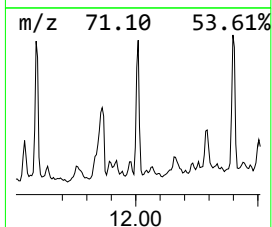
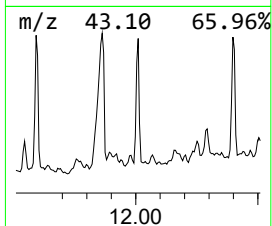
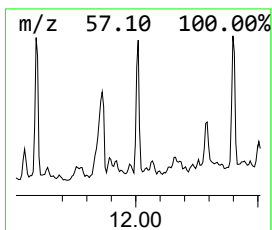
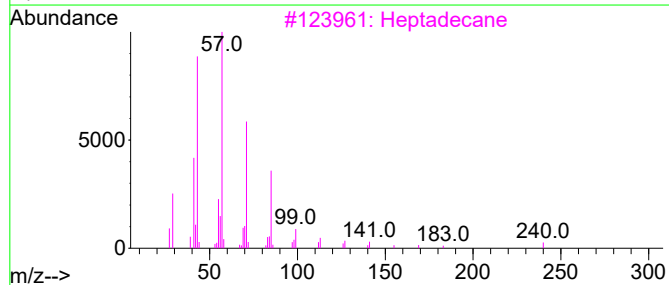
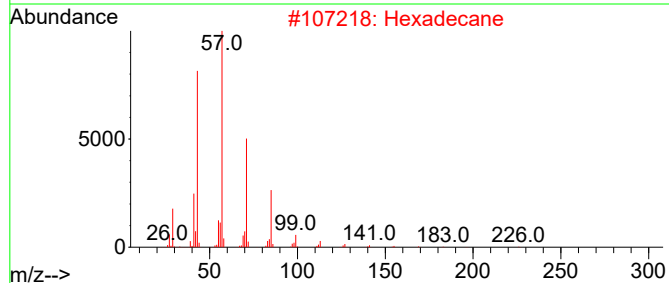
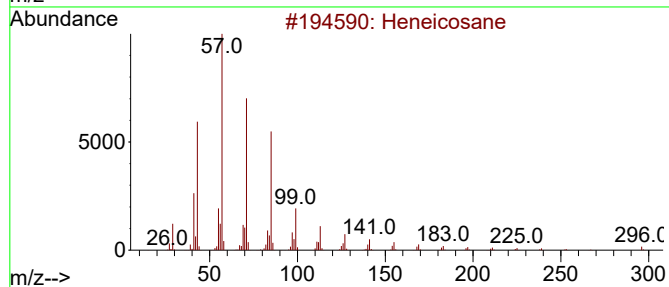
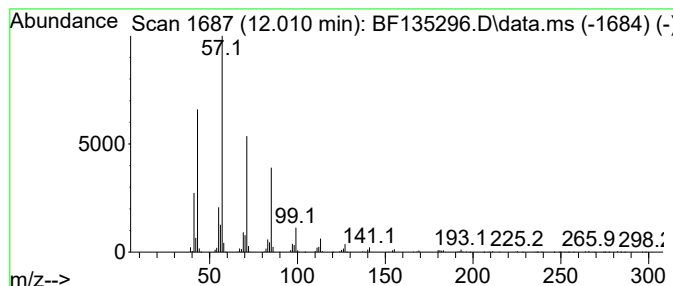
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.010	34.17 ng	1215970	Phenanthrene-d10		11.292	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
5	1-Iodoundecane		282	C11H23I	004282-44-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
Operator : CG\JU
Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

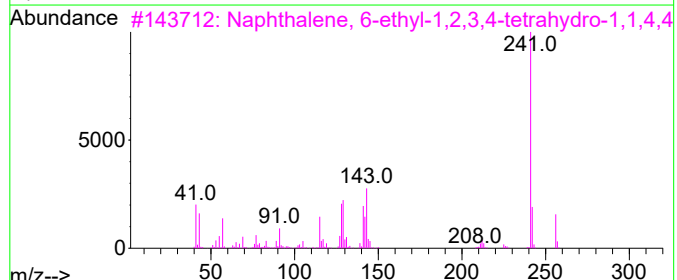
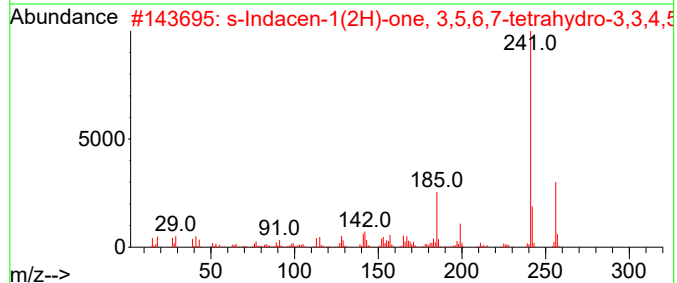
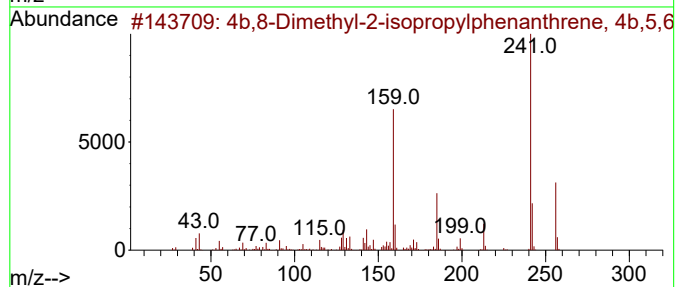
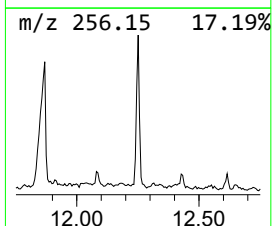
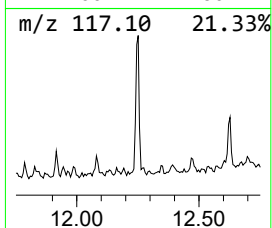
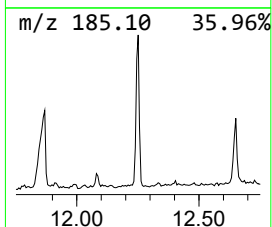
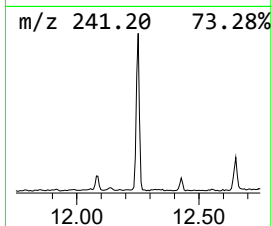
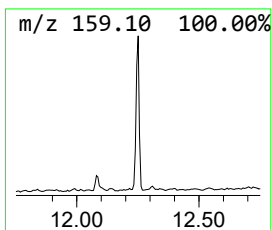
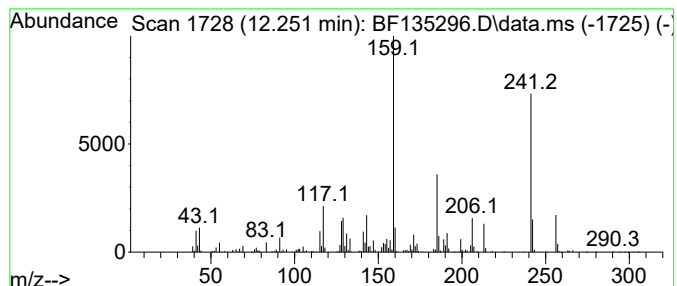
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4b,8-Dimethyl-2-isopropylph... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.251	27.72 ng	986713	Phenanthrene-d10		11.292	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	46
3		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	38
5		3,5-Dinitrophenol, TMS	256	C9H12N2O5Si	1000514-68-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
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Sample : 04366-01 10X
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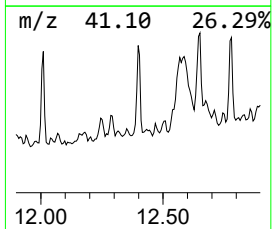
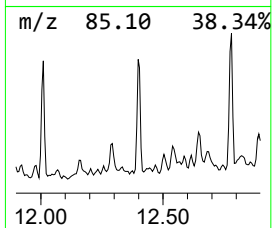
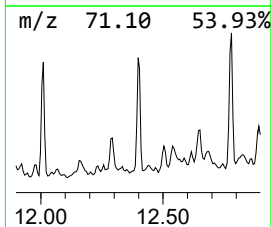
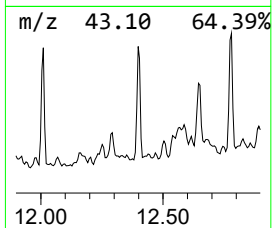
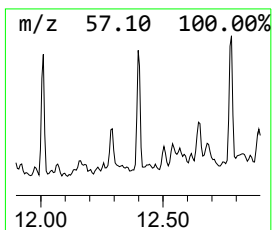
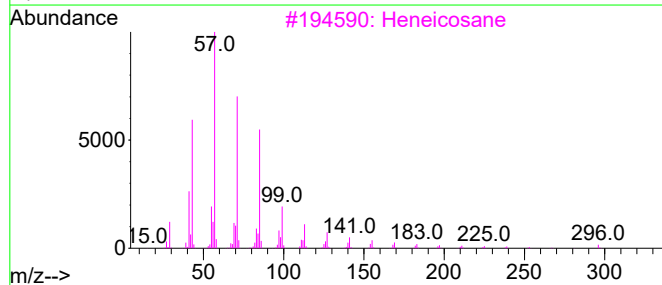
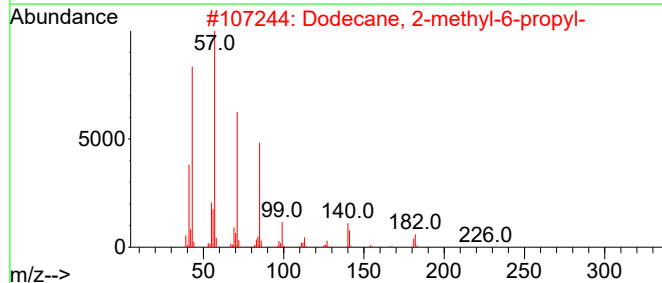
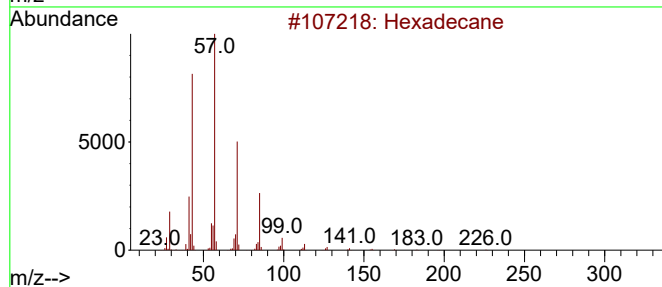
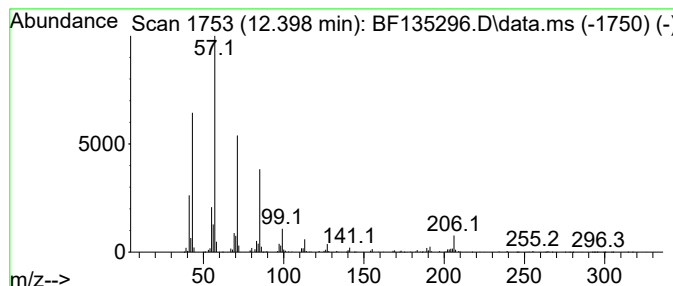
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.398	48.48 ng	1725390	Phenanthrene-d10		11.292	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
3	Heneicosane		296	C21H44	000629-94-7	83
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
Operator : CG\JU
Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

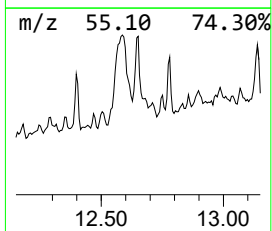
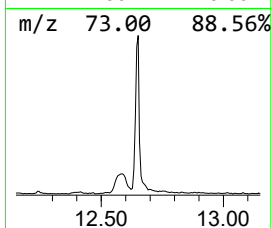
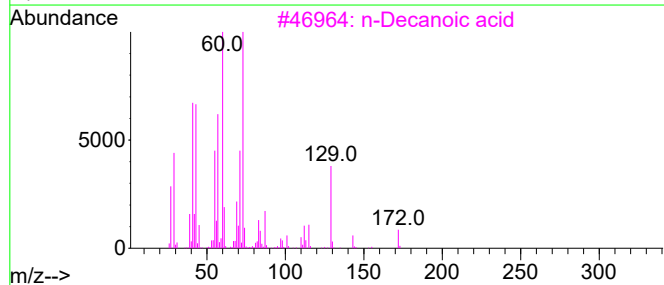
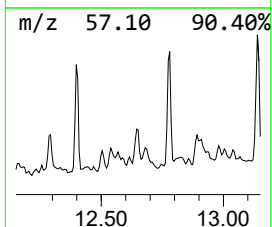
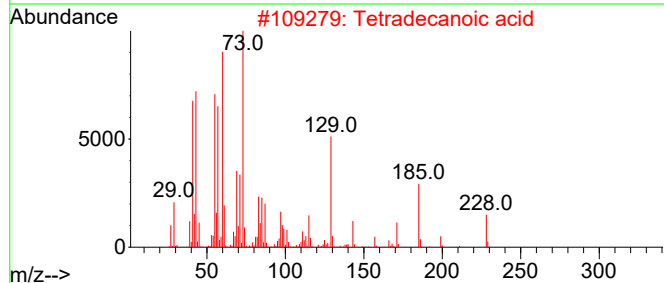
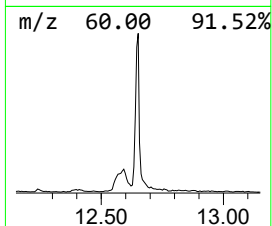
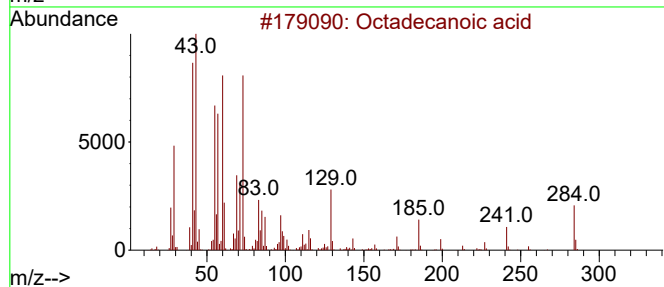
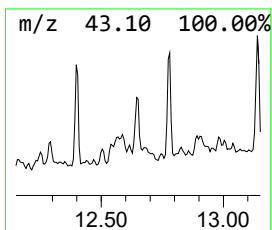
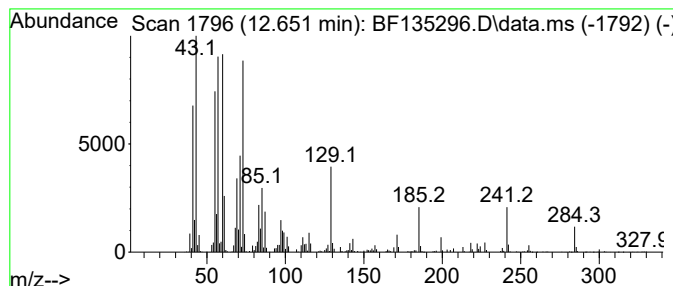
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.651	30.01 ng	1498580	Chrysene-d12		13.969	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
3	n-Decanoic acid		172	C10H20O2	000334-48-5	62
4	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	62
5	Undecanoic acid		186	C11H22O2	000112-37-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
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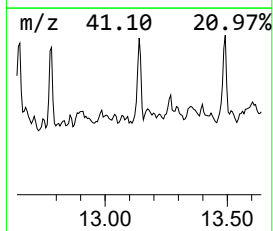
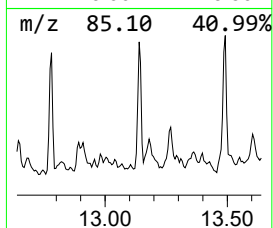
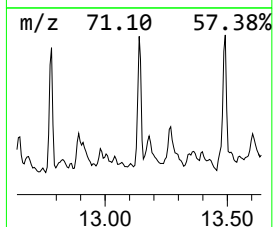
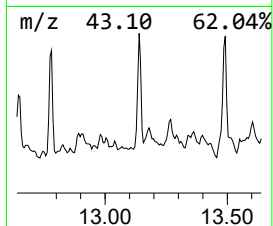
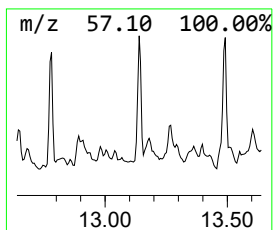
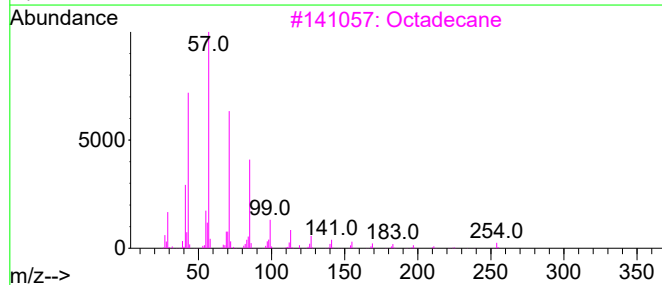
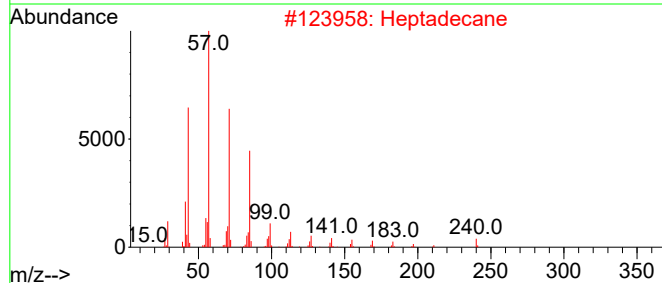
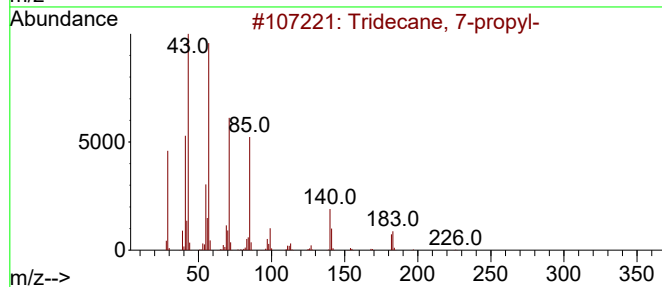
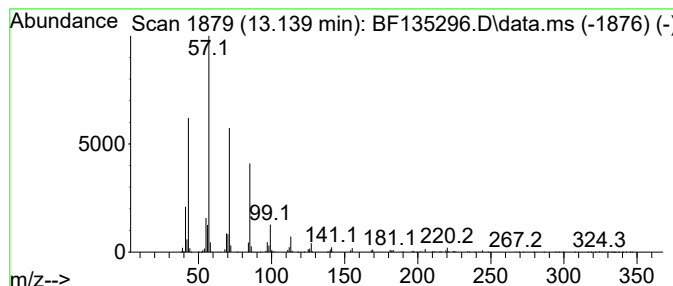
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 7-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.139	33.98 ng	1696760	Chrysene-d12		13.969	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-		226	C16H34	055045-09-5	90
2	Heptadecane		240	C17H36	000629-78-7	90
3	Octadecane		254	C18H38	000593-45-3	90
4	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	90
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
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Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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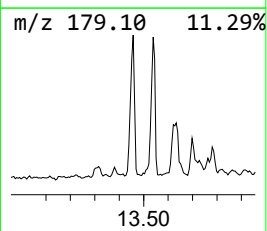
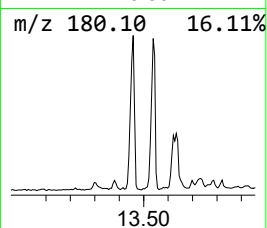
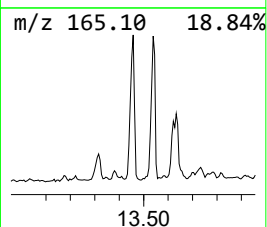
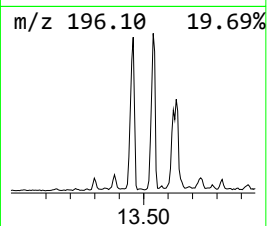
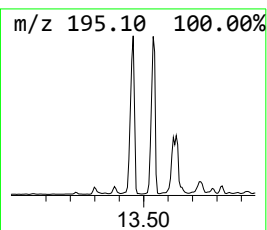
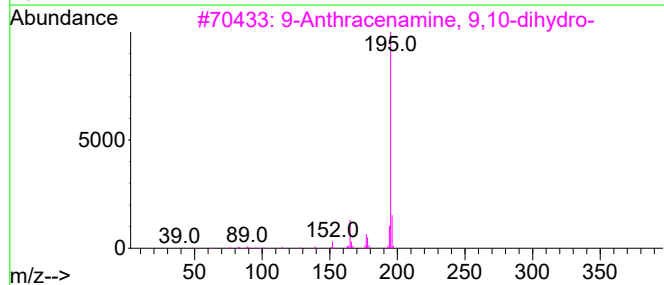
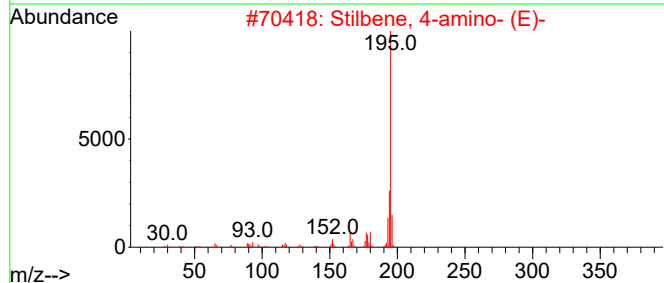
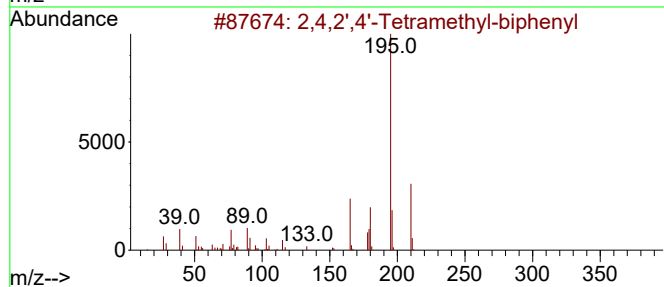
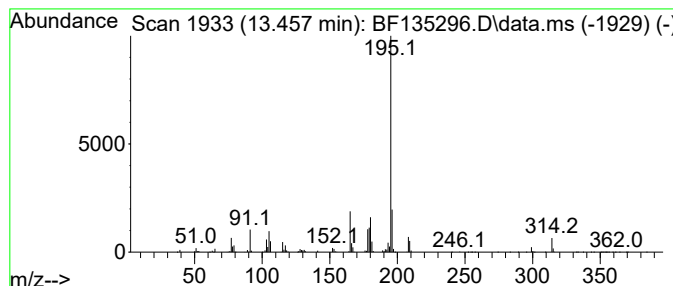
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Stilbene, 4-amino- (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	54.73 ng	2733230	Chrysene-d12	13.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	64		
2	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	59		
3	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	59		
4	Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	56		
5	Carbazole, 2,7-dimethyl-	195	C14H13N	018992-65-9	53		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
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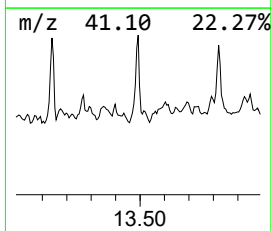
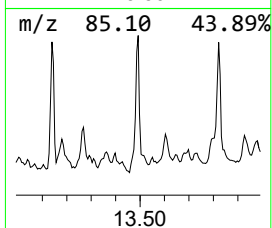
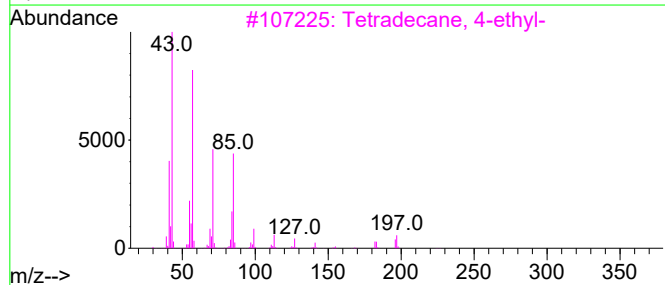
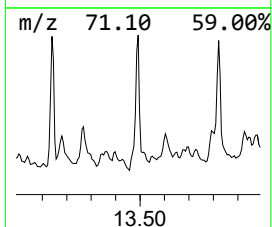
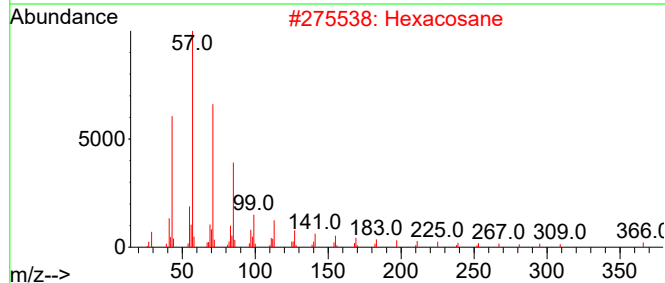
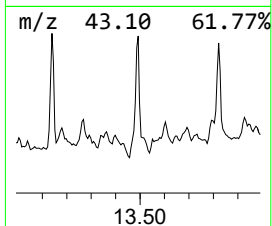
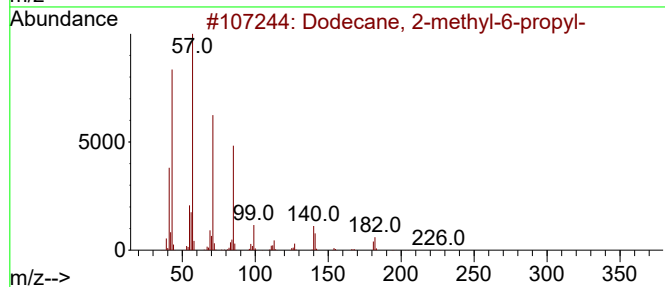
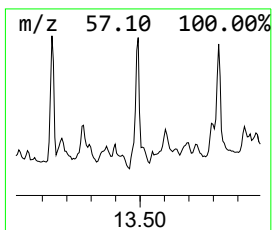
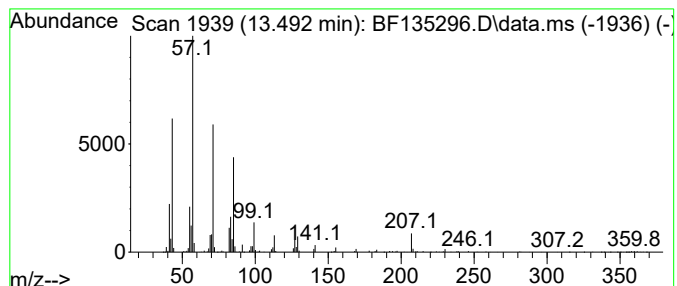
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.492	33.95 ng	1695400	Chrysene-d12		13.969	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	87
2	Hexacosane		366	C26H54	000630-01-3	86
3	Tetradecane, 4-ethyl-		226	C16H34	055045-14-2	83
4	Heptacosane		380	C27H56	000593-49-7	83
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
Operator : CG\JU
Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

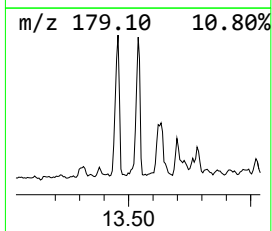
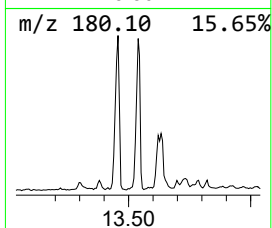
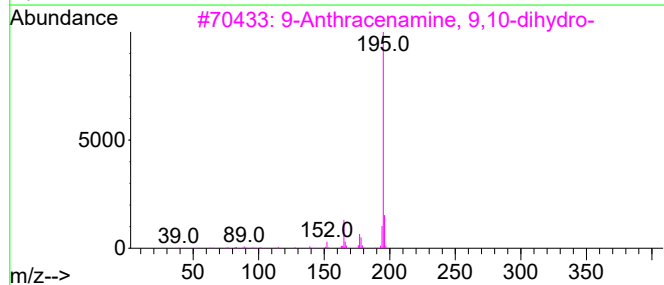
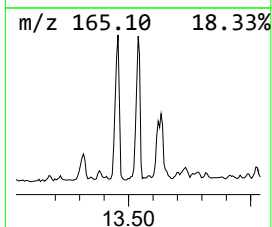
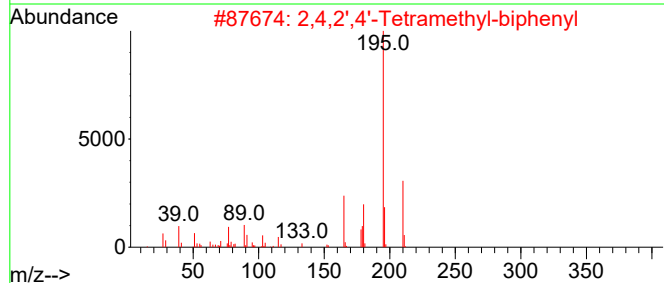
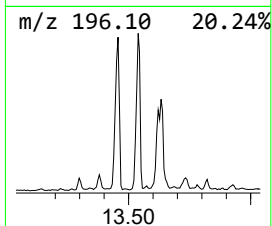
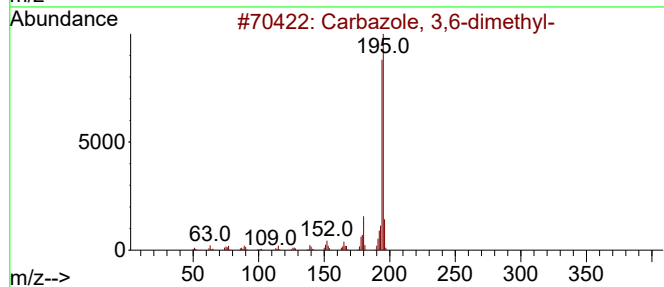
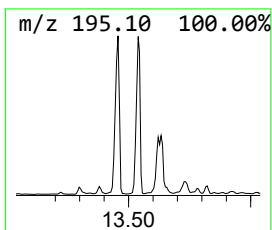
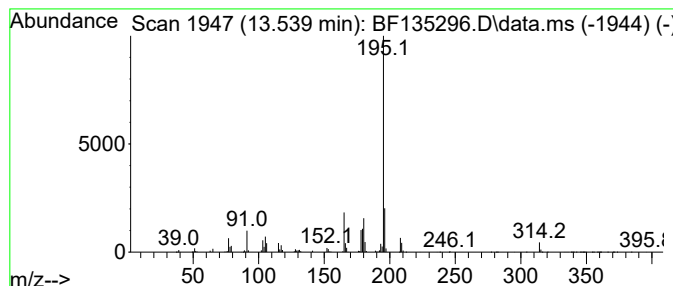
Instrument :
BNA_F
ClientSampleId :
WC4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Carbazole, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.539	50.96 ng	2544950	Chrysene-d12		13.969	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbazole, 3,6-dimethyl-		195	C14H13N	005599-50-8	72
2	2,4,2',4'-Tetramethyl-biphenyl		210	C16H18	1000486-97-7	64
3	9-Anthracenamine, 9,10-dihydro-		195	C14H13N	097825-91-7	59
4	1H-Benz[f]isoindol-3-amine, 1-im...		195	C12H9N3	065558-69-2	53
5	9,9-Dimethyl-9-silafluorene		210	C14H14Si	013688-68-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
Operator : CG\JU
Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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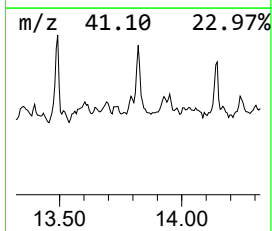
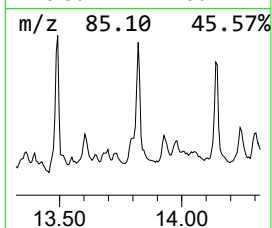
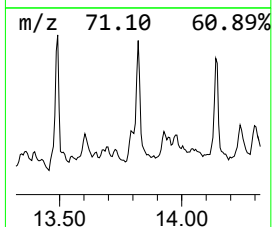
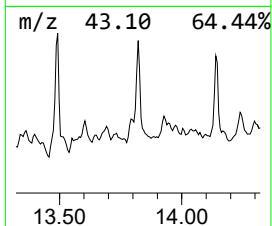
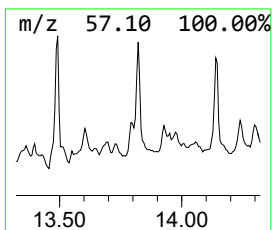
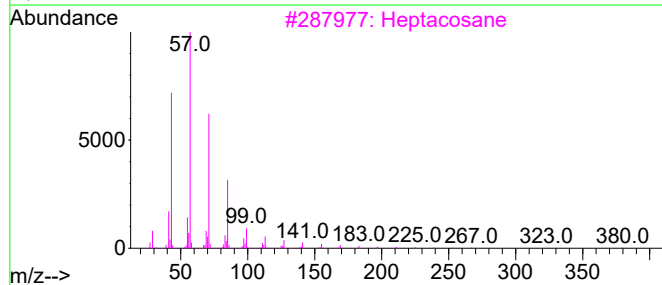
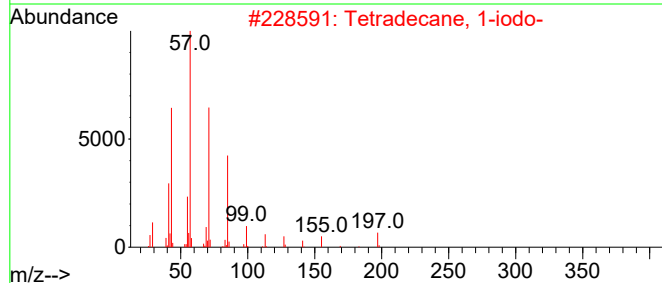
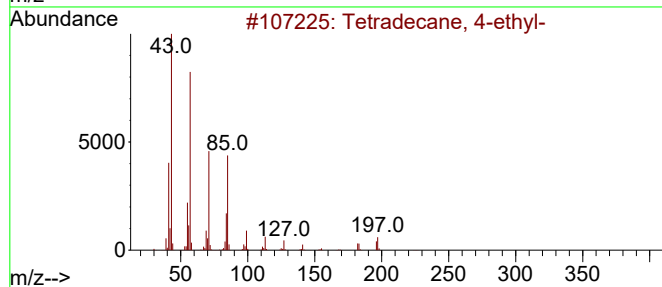
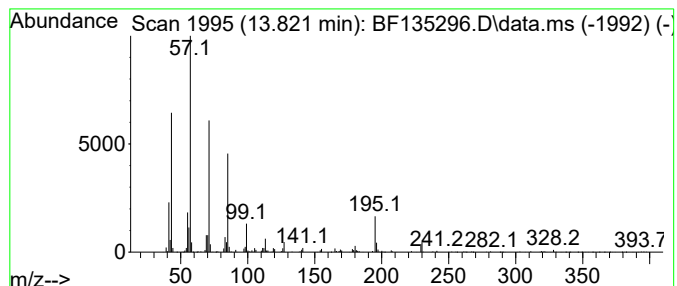
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane, 4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	39.12 ng	1953690	Chrysene-d12	13.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3			Heptacosane	380	C27H56	000593-49-7	72
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
Operator : CG\JU
Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

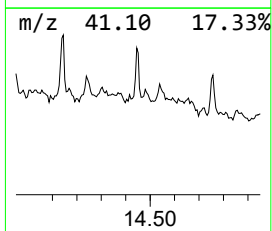
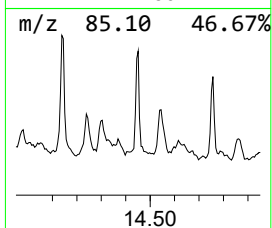
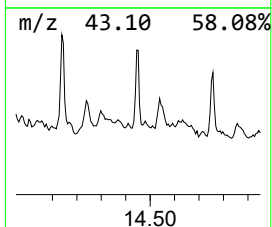
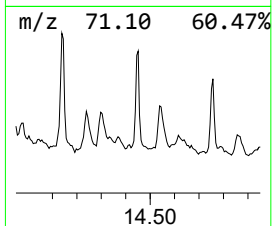
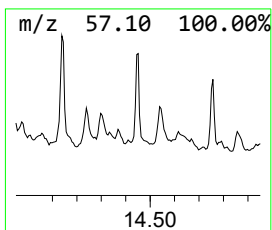
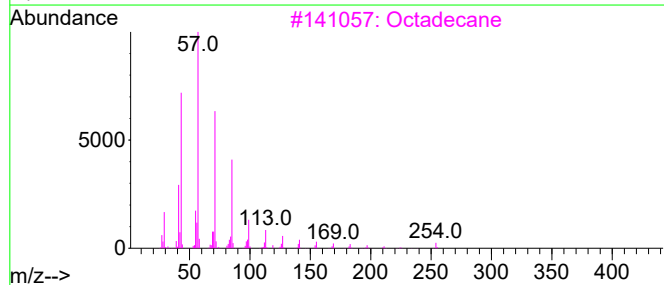
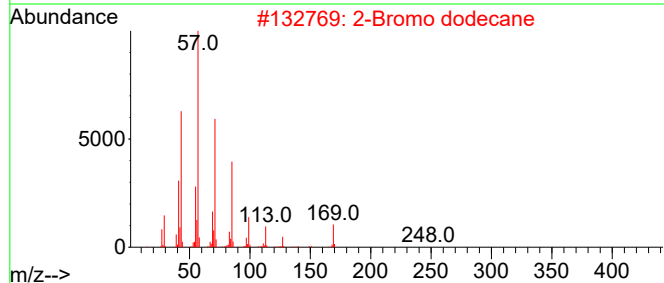
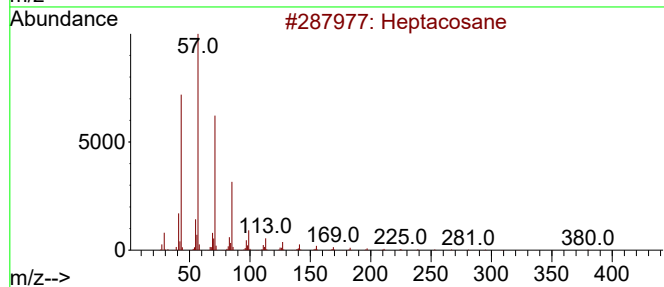
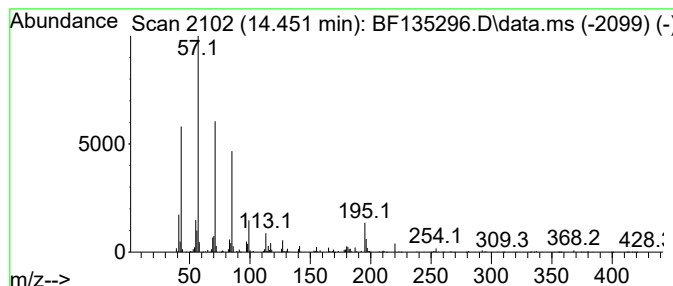
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.451	25.64 ng	1280450	Chrysene-d12	13.969	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Octadecane	254	C18H38	000593-45-3	83
4	Heneicosane	296	C21H44	000629-94-7	78
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
Data File : BF135296.D
Acq On : 16 Sep 2023 00:14
Operator : CG\JU
Sample : 04366-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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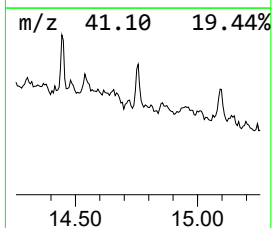
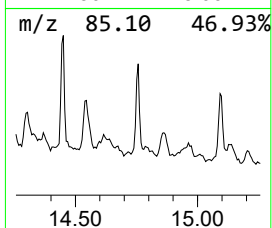
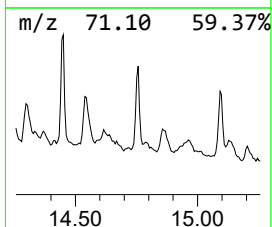
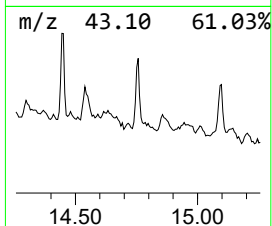
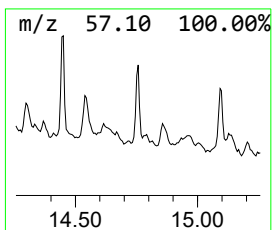
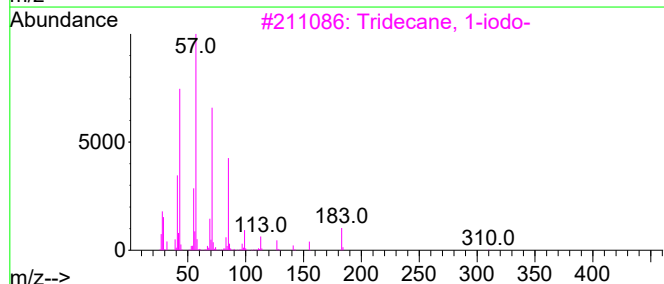
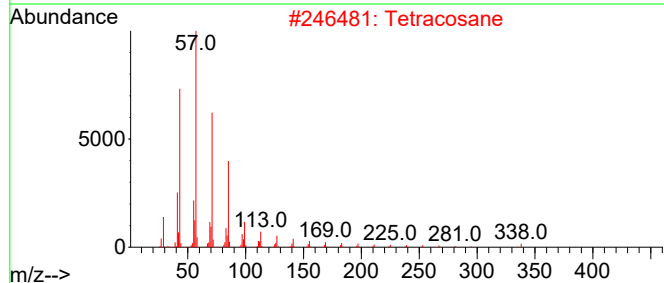
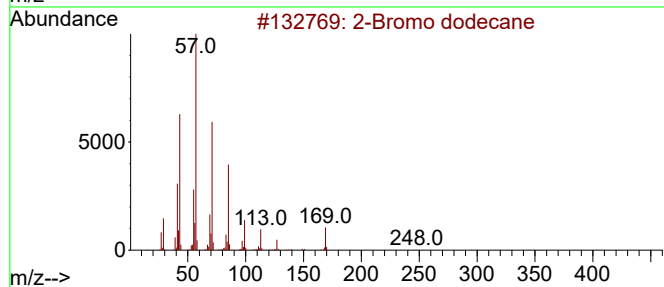
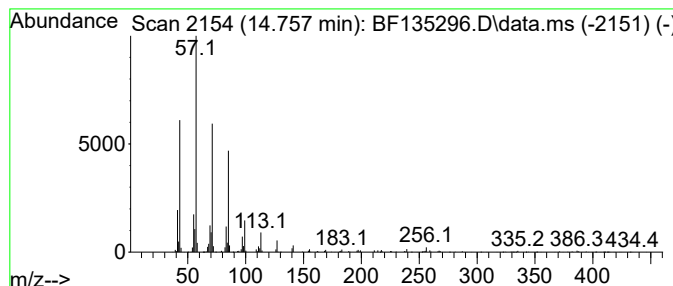
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	35.75 ng	775373	Perylene-d12	15.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
2		Tetracosane	338	C24H50	000646-31-1	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Octacosane	394	C28H58	000630-02-4	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135296.D
 Acq On : 16 Sep 2023 00:14
 Operator : CG\JU
 Sample : 04366-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
Naphthalene, 2,...	9.457	25.8	ng	920830	3	9.798	714832	20.0
Pentadecane	9.733	44.9	ng	1604550	3	9.798	714832	20.0
Hexadecane	10.233	50.6	ng	1809020	3	9.798	714832	20.0
Tridecane, 3-me...	10.457	38.6	ng	1379110	3	9.798	714832	20.0
2,4,2',4'-Tetra...	10.710	165.5	ng	5889760	4	11.292	711817	20.0
2-(p-Tolylmethy...	10.839	27.9	ng	991685	4	11.292	711817	20.0
Tridecane, 6-pr...	11.163	76.1	ng	2709410	4	11.292	711817	20.0
Tridecane	11.192	38.8	ng	1379400	4	11.292	711817	20.0
Eicosane	11.592	39.4	ng	1403130	4	11.292	711817	20.0
Heneicosane	12.010	34.2	ng	1215970	4	11.292	711817	20.0
4b,8-Dimethyl-2...	12.251	27.7	ng	986713	4	11.292	711817	20.0
Dodecane, 2-met...	12.398	48.5	ng	1725390	4	11.292	711817	20.0
Octadecanoic acid	12.651	30.0	ng	1498580	5	13.969	998819	20.0
Tridecane, 7-pr...	13.139	34.0	ng	1696760	5	13.969	998819	20.0
Stilbene, 4-ami...	13.457	54.7	ng	2733230	5	13.969	998819	20.0
Hexacosane	13.492	34.0	ng	1695400	5	13.969	998819	20.0
Carbazole, 3,6-...	13.539	51.0	ng	2544950	5	13.969	998819	20.0
Tetradecane, 4-...	13.821	39.1	ng	1953690	5	13.969	998819	20.0
Heptacosane	14.451	25.6	ng	1280450	5	13.969	998819	20.0
2-Bromo dodecane	14.757	35.8	ng	775373	6	15.451	433738	20.0