

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135734.D
 Acq On : 12 Oct 2023 14:53
 Operator : CG\JU
 Sample : 04685-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B6A-7.5-15

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: BF135734.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	556	559	578	rBV	1803553	1989799	82.10%	4.361%
2	6.393	728	732	742	rBV	1856725	2010050	82.93%	4.406%
3	6.569	757	762	766	rBV2	155095	147582	6.09%	0.323%
4	6.740	788	791	797	rVB	636145	578969	23.89%	1.269%
5	7.010	830	837	839	rBV4	69998	91648	3.78%	0.201%
6	7.116	852	855	859	rBV3	79086	87168	3.60%	0.191%
7	7.269	875	881	884	rVV2	93947	119555	4.93%	0.262%
8	7.304	884	887	889	rVV	1344206	1170607	48.30%	2.566%
9	7.328	889	891	894	rVV	574830	455533	18.79%	0.998%
10	7.381	894	900	903	rVV4	77274	128815	5.31%	0.282%
11	7.510	919	922	924	rVV2	85608	97599	4.03%	0.214%
12	7.534	924	926	929	rVB	111673	92504	3.82%	0.203%
13	7.634	936	943	947	rBV5	85300	211367	8.72%	0.463%
14	7.692	951	953	957	rVV3	124673	144282	5.95%	0.316%
15	7.728	957	959	961	rVV2	105155	104623	4.32%	0.229%
16	7.763	961	965	967	rVV3	195691	240842	9.94%	0.528%
17	7.834	974	977	979	rVV2	87454	91372	3.77%	0.200%
18	7.963	993	999	1001	rBV5	92818	161465	6.66%	0.354%
19	7.998	1001	1005	1007	rVV	1144674	1132982	46.75%	2.483%
20	8.016	1007	1008	1011	rVV	773296	592331	24.44%	1.298%
21	8.075	1014	1018	1020	rVB2	372901	365761	15.09%	0.802%
22	8.169	1030	1034	1035	rBV3	77161	83563	3.45%	0.183%
23	8.210	1039	1041	1044	rVB	203497	176644	7.29%	0.387%
24	8.257	1044	1049	1052	rBV4	71403	122847	5.07%	0.269%
25	8.304	1052	1057	1064	rVV5	214655	430056	17.74%	0.943%
26	8.357	1064	1066	1070	rVV3	144383	156000	6.44%	0.342%
27	8.392	1070	1072	1076	rVB3	277645	262187	10.82%	0.575%
28	8.434	1076	1079	1082	rBV	504270	497153	20.51%	1.090%
29	8.522	1090	1094	1096	rBV2	292584	297777	12.29%	0.653%
30	8.545	1096	1098	1101	rVV2	79906	87976	3.63%	0.193%
31	8.610	1105	1109	1112	rVV	1596811	1374932	56.73%	3.014%
32	8.645	1112	1115	1117	rVV4	98472	150340	6.20%	0.330%
33	8.675	1117	1120	1122	rVV2	174423	212335	8.76%	0.465%
34	8.704	1122	1125	1127	rVB2	197449	193838	8.00%	0.425%
35	8.734	1127	1130	1133	rBV	415666	302285	12.47%	0.663%
36	8.839	1144	1148	1150	rBV2	377720	390510	16.11%	0.856%

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37	8.892	1155	1157	1158	rVV2	150432	111988	4.62%	0.245%
38	8.922	1158	1162	1164	rVV3	139376	194324	8.02%	0.426%
39	8.975	1167	1171	1174	rVB4	263287	316906	13.08%	0.695%
40	9.016	1175	1178	1179	rVV	132183	103391	4.27%	0.227%
41	9.039	1179	1182	1187	rVB2	581305	514741	21.24%	1.128%
42	9.098	1188	1192	1195	rVB	2181565	1789526	73.83%	3.922%
43	9.175	1200	1205	1208	rBV	1899013	1788958	73.81%	3.921%
44	9.216	1210	1212	1214	rVV2	101091	102446	4.23%	0.225%
45	9.245	1214	1217	1220	rVB2	215670	195468	8.06%	0.428%
46	9.292	1223	1225	1230	rVB	210237	200292	8.26%	0.439%
47	9.363	1233	1237	1242	rVB2	408458	554413	22.87%	1.215%
48	9.434	1245	1249	1251	rVV2	613840	649473	26.80%	1.424%
49	9.463	1251	1254	1256	rVV2	369373	463968	19.14%	1.017%
50	9.492	1256	1259	1262	rVV	673655	788487	32.53%	1.728%
51	9.516	1262	1263	1267	rVB2	294218	251312	10.37%	0.551%
52	9.551	1267	1269	1275	rBV4	388791	413104	17.04%	0.905%
53	9.633	1281	1283	1288	rBV5	168621	191024	7.88%	0.419%
54	9.675	1288	1290	1292	rBV2	132469	123512	5.10%	0.271%
55	9.710	1292	1296	1299	rVB	2045565	1693285	69.86%	3.711%
56	9.775	1299	1307	1310	rBV2	847309	1059928	43.73%	2.323%
57	9.881	1322	1325	1329	rBV	333154	360549	14.88%	0.790%
58	9.933	1330	1334	1337	rVV4	200232	324167	13.37%	0.711%
59	9.981	1337	1342	1346	rVV2	365321	693560	28.62%	1.520%
60	10.028	1346	1350	1353	rVV3	565183	711880	29.37%	1.560%
61	10.063	1354	1356	1358	rVB	162507	130370	5.38%	0.286%
62	10.092	1358	1361	1364	rBV	258095	279837	11.55%	0.613%
63	10.128	1364	1367	1369	rVV	214139	193853	8.00%	0.425%
64	10.186	1373	1377	1378	rBV3	172888	231567	9.55%	0.508%
65	10.210	1378	1381	1383	rVV	2082808	1651281	68.13%	3.619%
66	10.322	1395	1400	1402	rBV3	143732	237837	9.81%	0.521%
67	10.345	1402	1404	1409	rVV3	106571	132571	5.47%	0.291%
68	10.428	1414	1418	1424	rVB	630115	842811	34.77%	1.847%
69	10.480	1424	1427	1430	rBV3	170686	177063	7.31%	0.388%
70	10.516	1430	1433	1436	rVB2	136622	126340	5.21%	0.277%
71	10.545	1436	1438	1440	rVB2	226286	169103	6.98%	0.371%
72	10.575	1440	1443	1446	rBV	1064321	958553	39.55%	2.101%
73	10.686	1458	1462	1470	rVB	1843624	2423709	100.00%	5.312%
74	10.875	1491	1494	1498	rBV6	175011	253265	10.45%	0.555%
75	10.910	1498	1500	1503	rVB2	218668	178082	7.35%	0.390%
76	10.969	1507	1510	1512	rVB2	107342	91496	3.78%	0.201%

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77	11.010	1512	1517	1518	rBV3	108961	145370	6.00%	0.319%
78	11.133	1535	1538	1541	rBV	1393731	1169871	48.27%	2.564%
79	11.163	1541	1543	1549	rVB	589776	570988	23.56%	1.251%
80	11.275	1558	1562	1564	rBV	729018	683390	28.20%	1.498%
81	11.298	1564	1566	1573	rVV2	146356	313082	12.92%	0.686%
82	11.380	1577	1580	1582	rVV3	106291	126626	5.22%	0.278%
83	11.404	1582	1584	1587	rVV2	116015	118021	4.87%	0.259%
84	11.445	1588	1591	1594	rVV2	130202	133645	5.51%	0.293%
85	11.510	1598	1602	1607	rBV2	127720	171741	7.09%	0.376%
86	11.563	1607	1611	1614	rVV	1081352	871509	35.96%	1.910%
87	11.610	1614	1619	1624	rVB5	85050	139332	5.75%	0.305%
88	11.780	1645	1648	1650	rVV	98480	112828	4.66%	0.247%
89	11.804	1650	1652	1659	rVV2	177820	235477	9.72%	0.516%
90	11.886	1664	1666	1668	rVV2	102825	85212	3.52%	0.187%
91	11.969	1677	1680	1684	rBV	735915	650435	26.84%	1.426%
92	12.257	1726	1729	1731	rVV2	111690	101771	4.20%	0.223%
93	12.327	1737	1741	1744	rBV2	103963	119551	4.93%	0.262%
94	12.363	1744	1747	1750	rVB	622825	499068	20.59%	1.094%
95	12.733	1807	1810	1814	rBV	343752	325923	13.45%	0.714%
96	12.863	1829	1832	1836	rBV	1517362	1449707	59.81%	3.177%
97	13.092	1868	1871	1875	rVB	189463	164074	6.77%	0.360%
98	13.439	1926	1930	1933	rVV	129471	110573	4.56%	0.242%
99	13.933	2011	2014	2020	rVB	463693	452175	18.66%	0.991%
100	15.410	2260	2265	2275	rBV	320486	446278	18.41%	0.978%

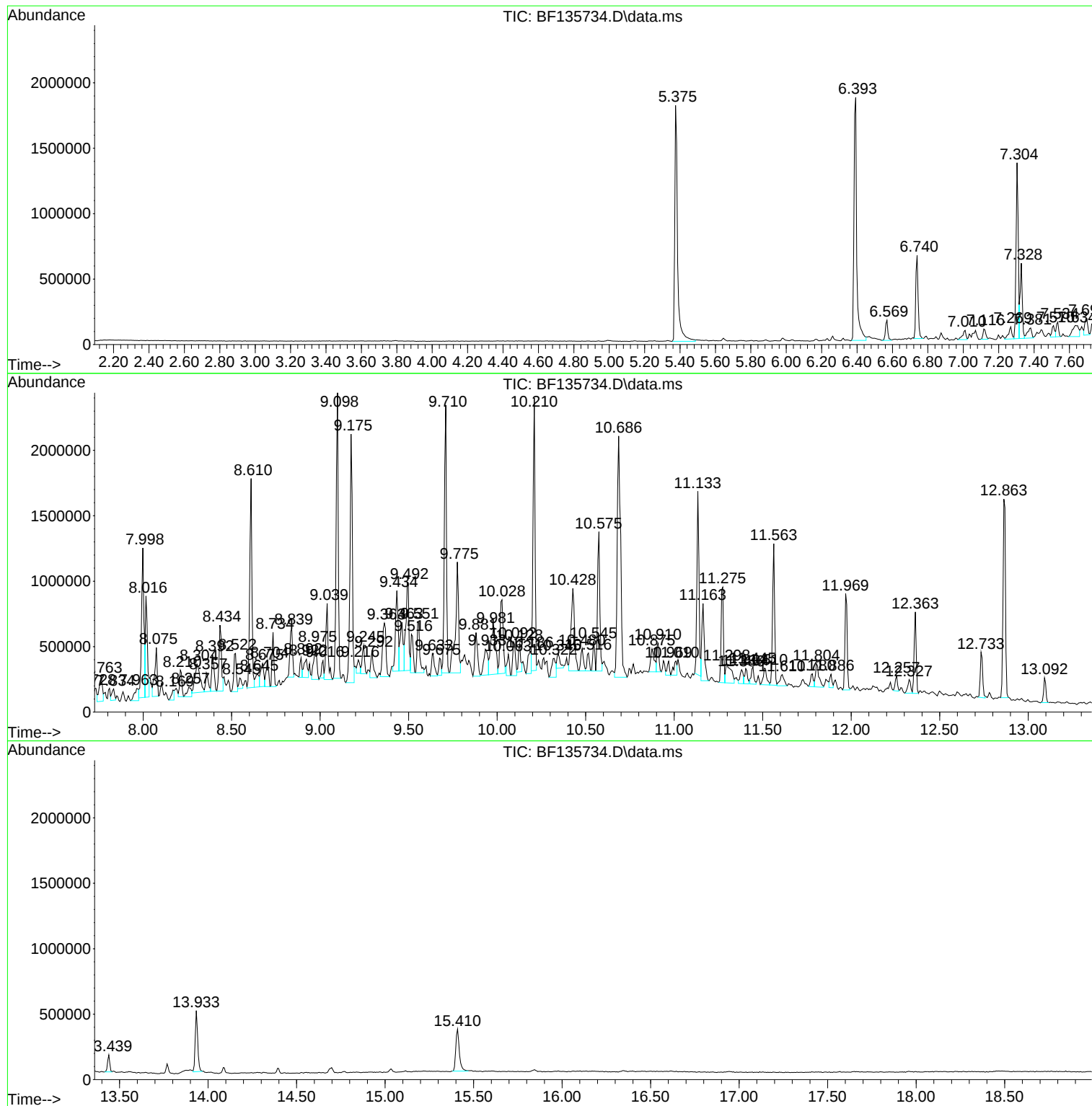
Sum of corrected areas: 45624384

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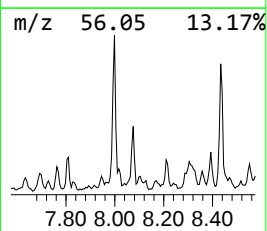
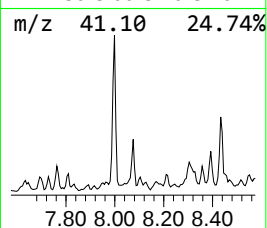
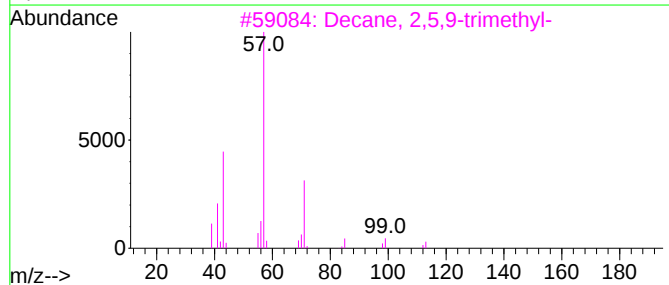
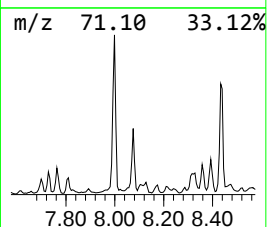
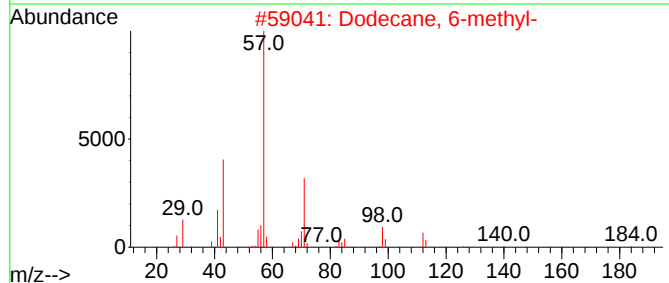
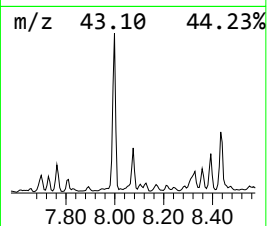
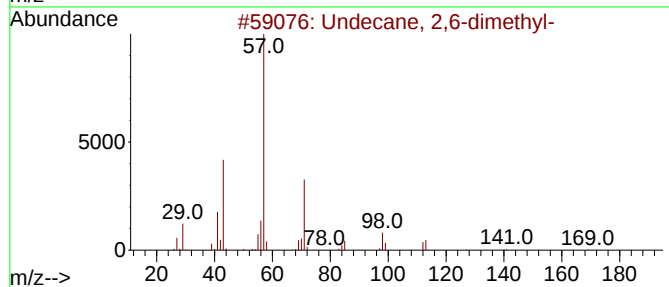
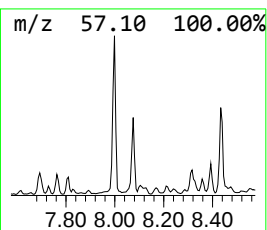
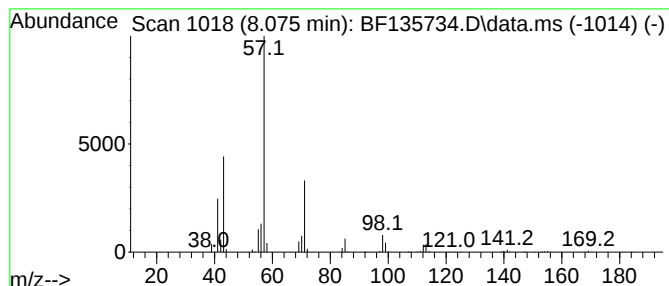
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	12.35 ng	365761	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	87
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59



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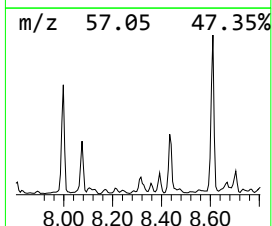
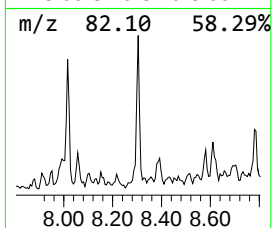
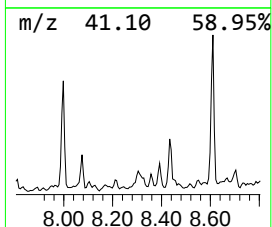
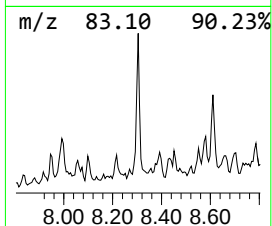
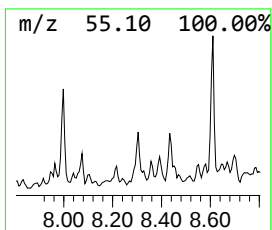
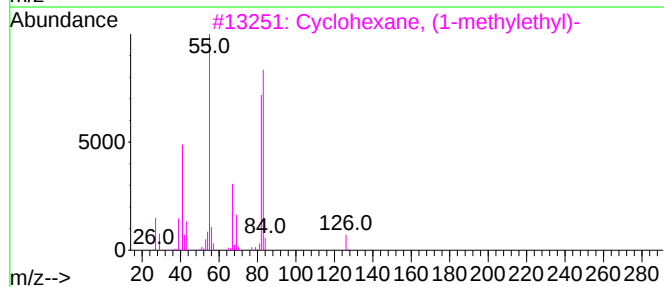
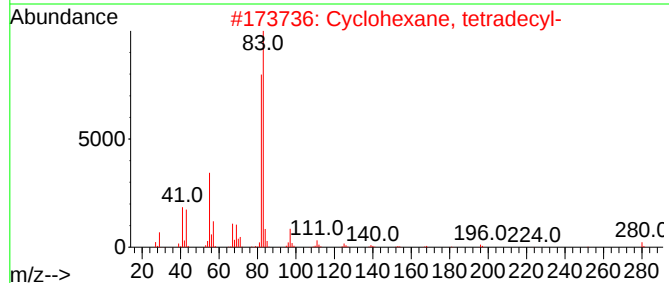
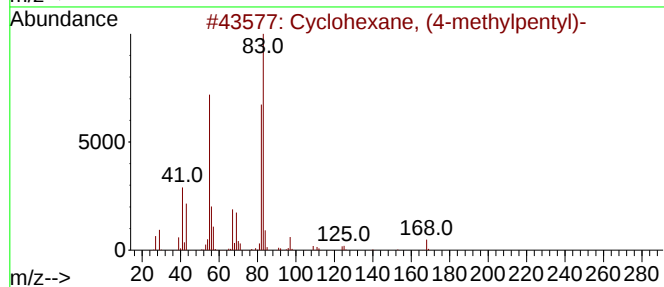
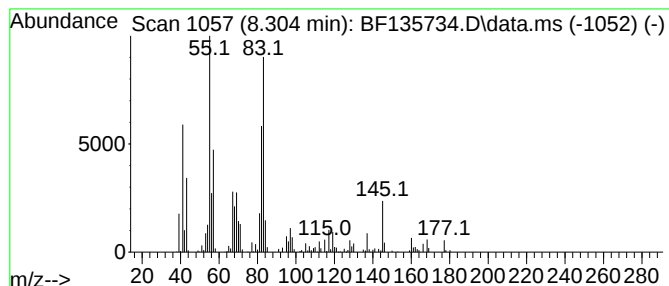
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	14.52 ng	430056	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	70
2			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	50
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4			1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	47
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	47



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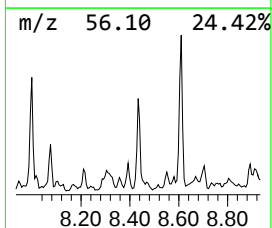
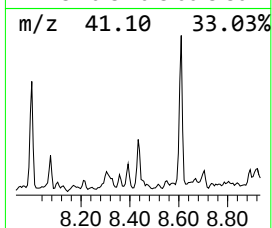
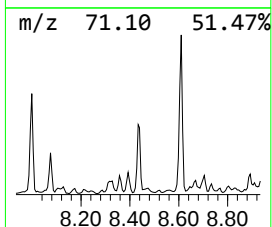
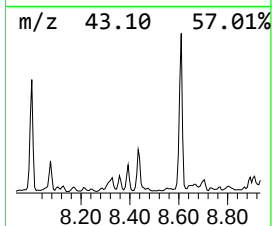
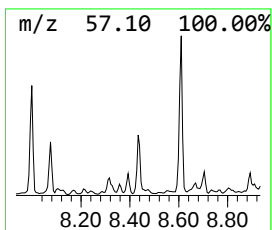
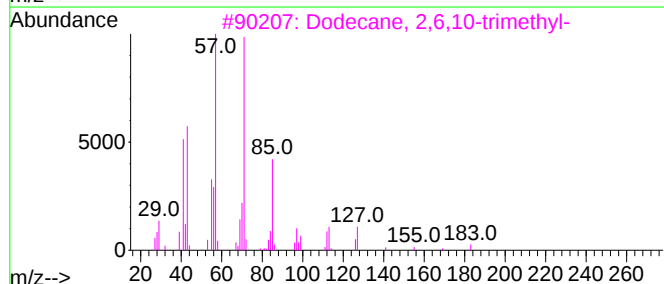
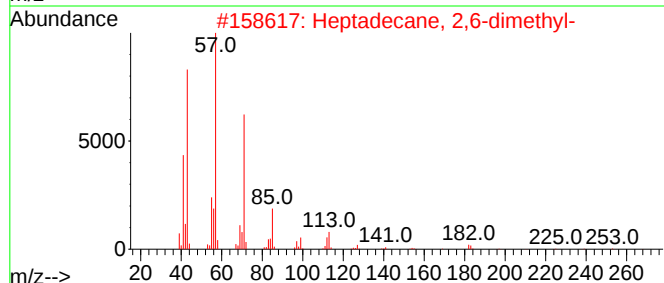
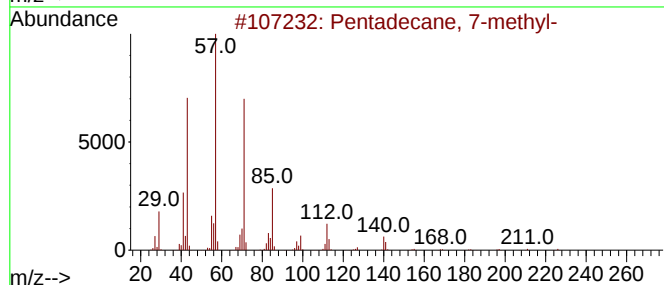
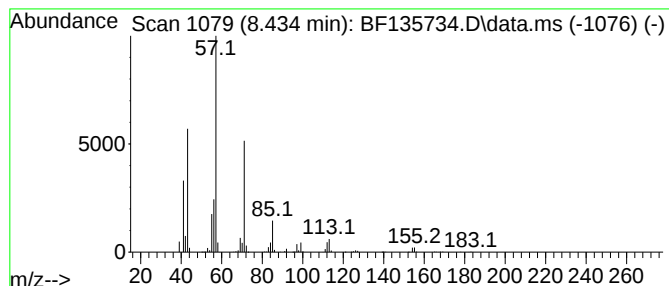
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	16.79 ng	497153	Naphthalene-d8	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PP-20230928-B6A-7.5-15

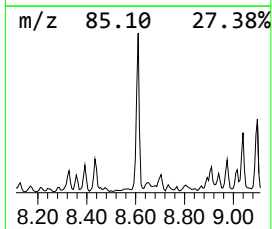
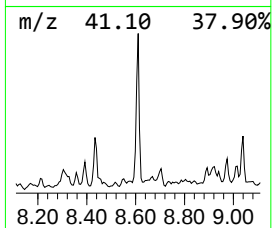
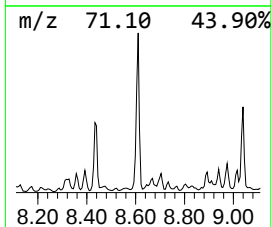
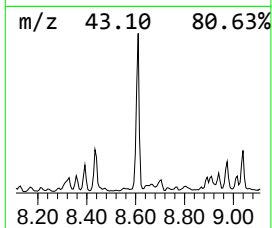
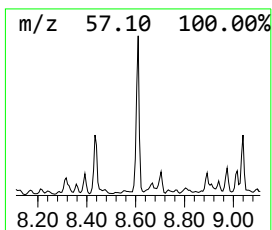
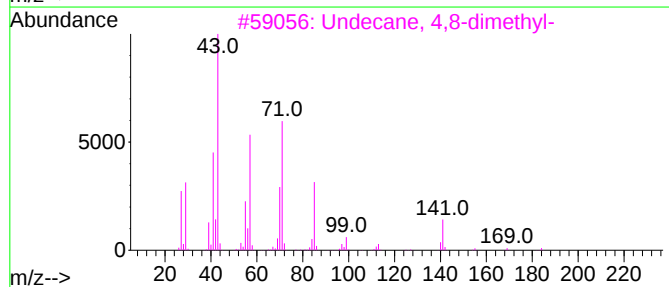
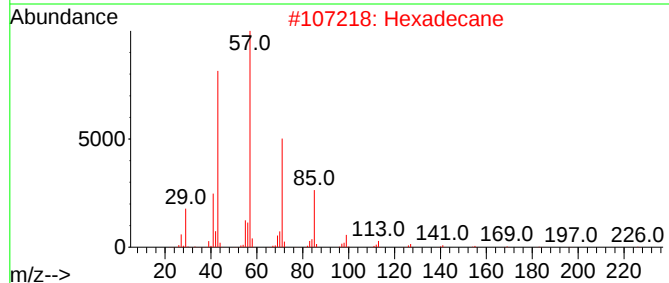
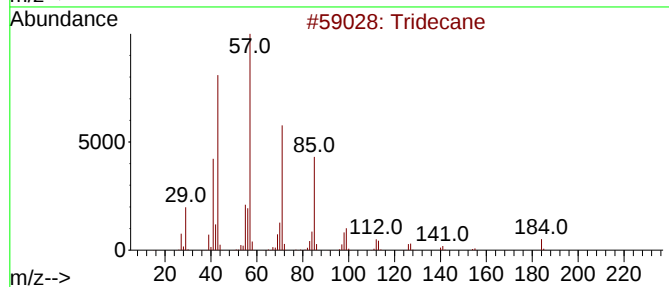
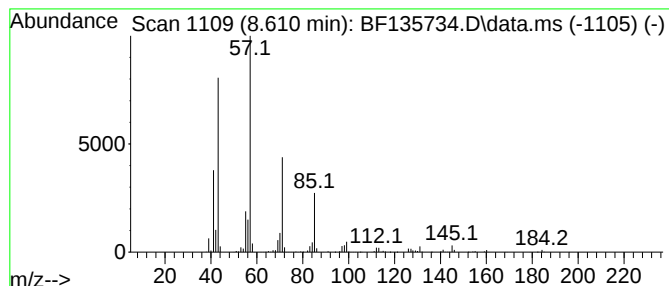
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	46.42 ng	1374930	Naphthalene-d8	8.016

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
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Instrument :
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ClientSampleId :
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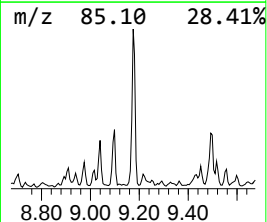
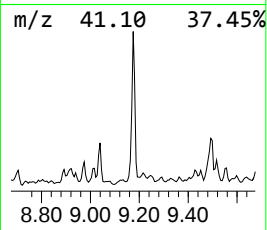
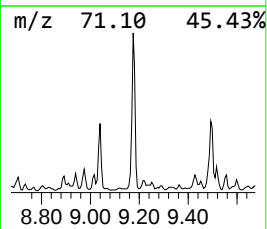
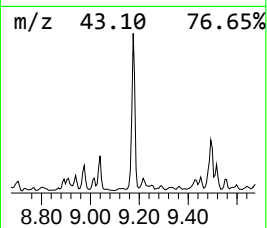
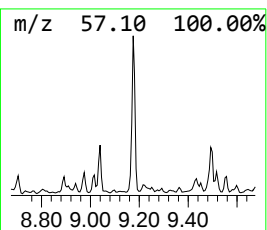
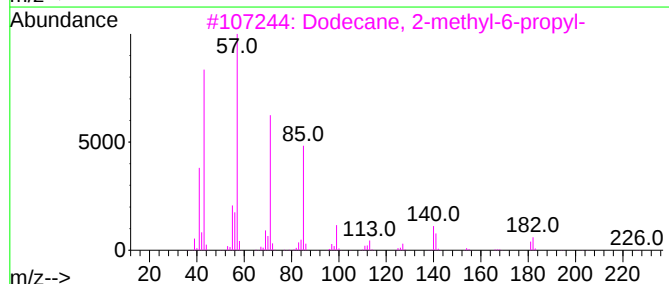
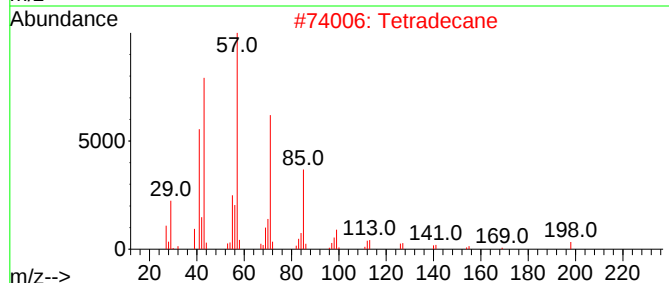
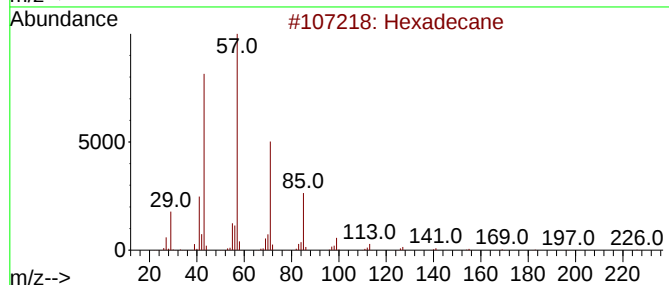
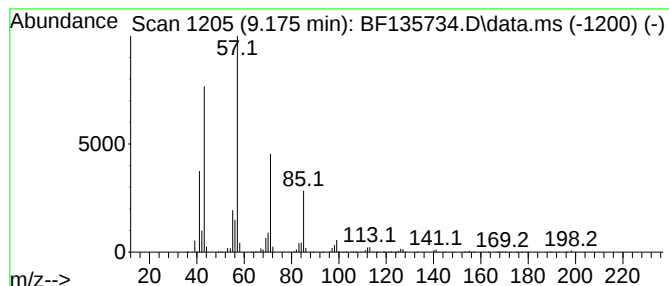
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	33.76 ng	1788960	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	80
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
4			Dodecane	170	C12H26	000112-40-3	72
5			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
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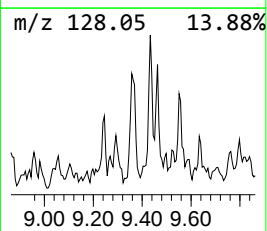
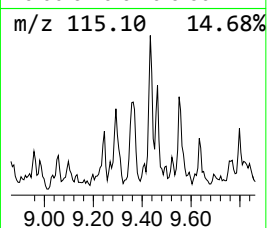
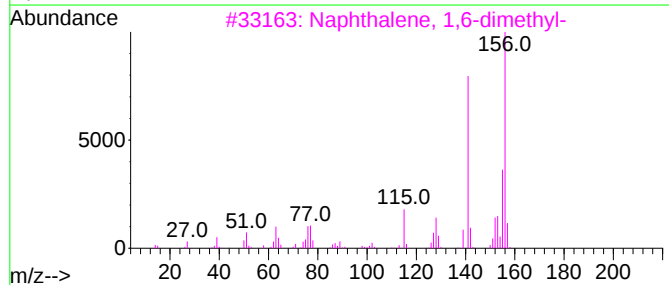
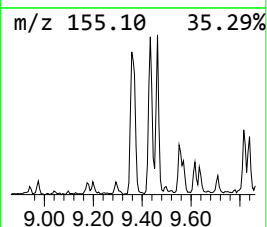
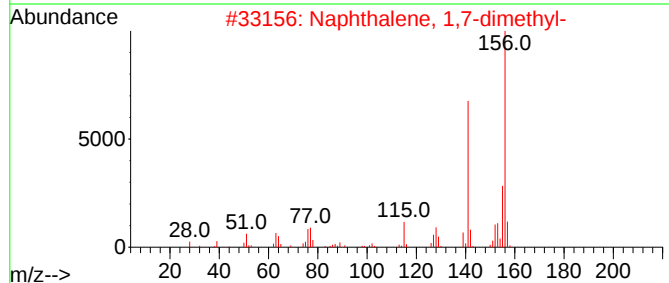
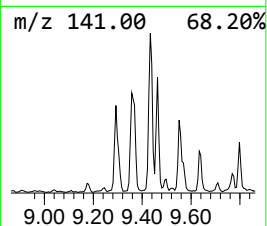
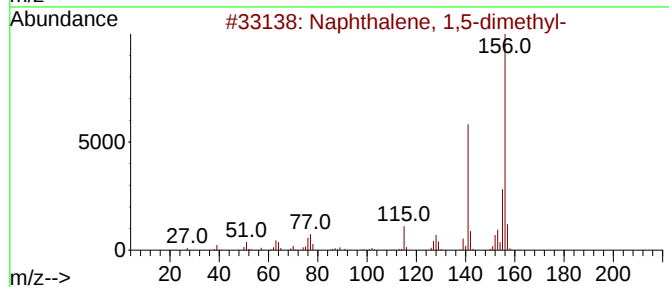
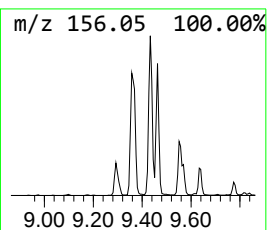
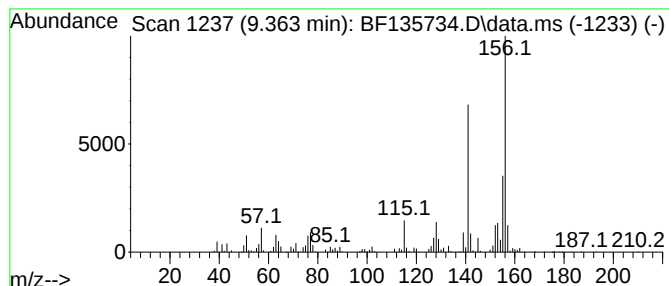
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	10.46 ng	554413	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
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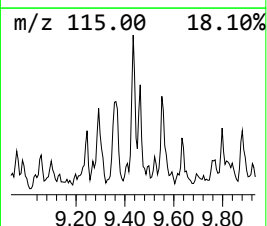
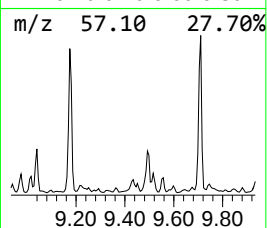
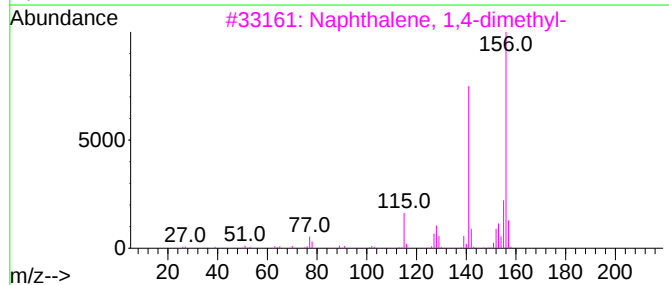
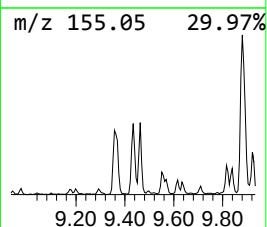
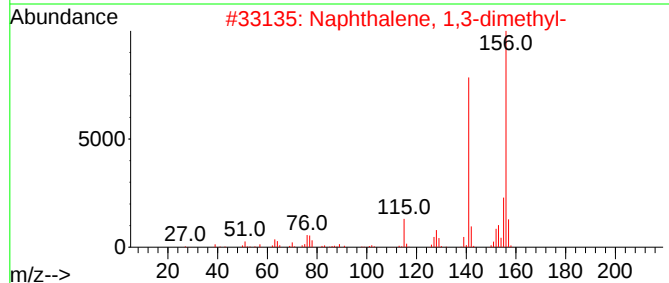
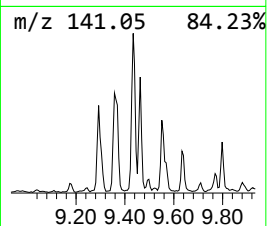
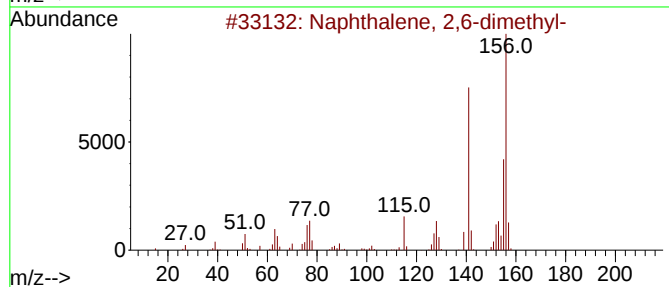
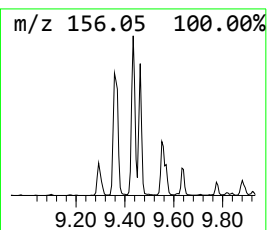
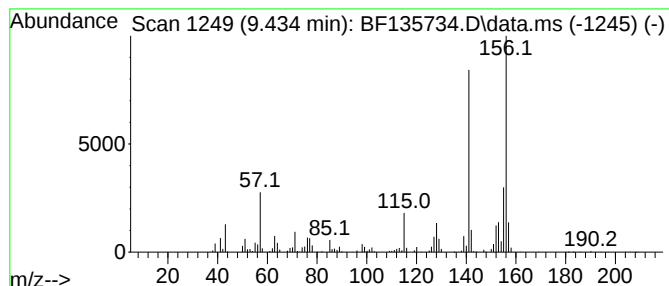
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	12.26 ng	649473	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
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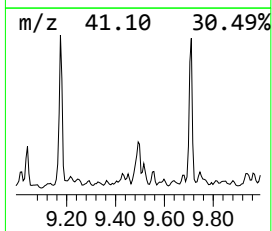
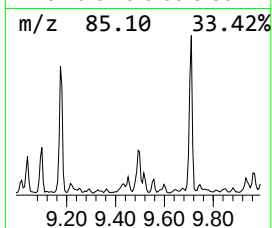
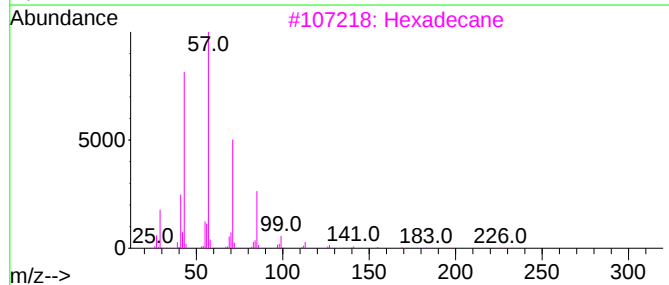
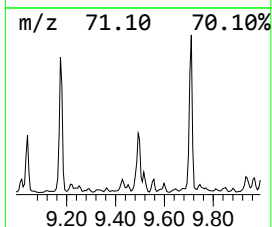
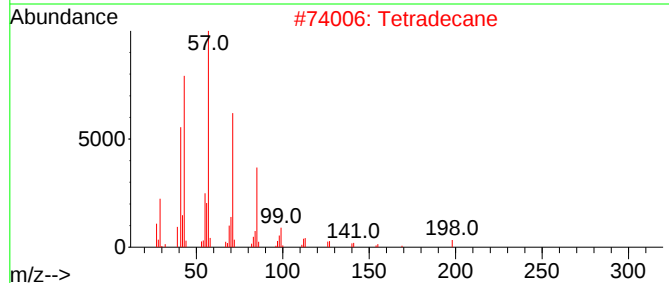
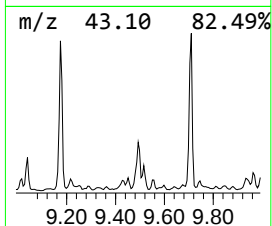
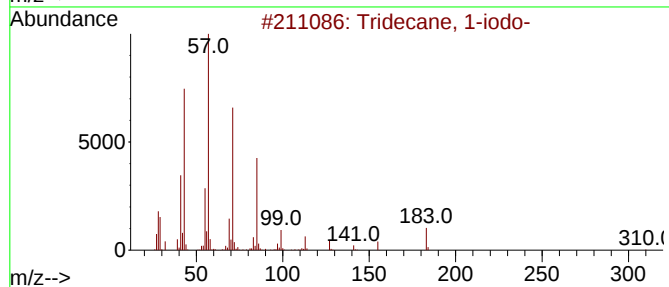
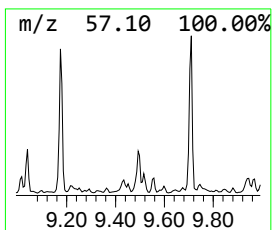
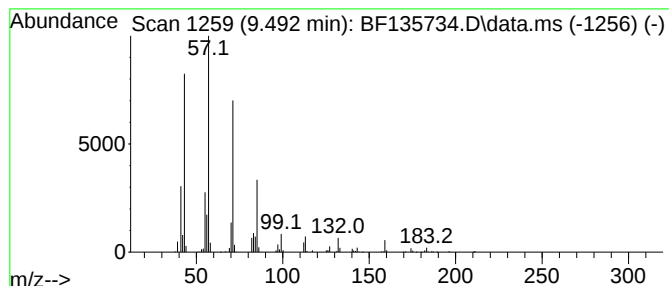
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	14.88 ng	788487	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2			Tetradecane	198	C14H30	000629-59-4	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Tridecane	184	C13H28	000629-50-5	72
5			Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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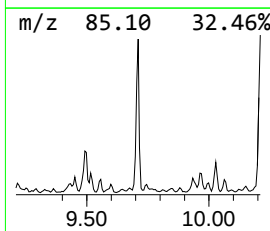
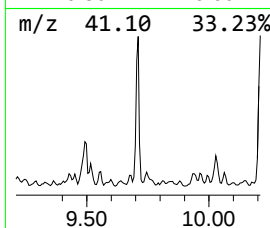
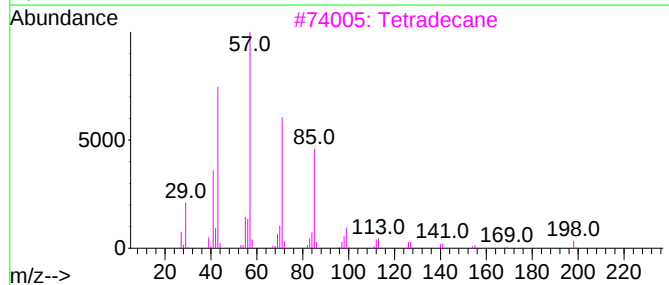
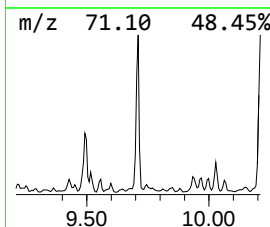
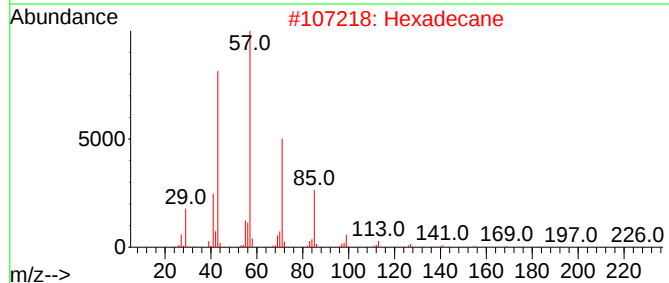
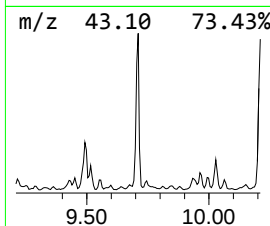
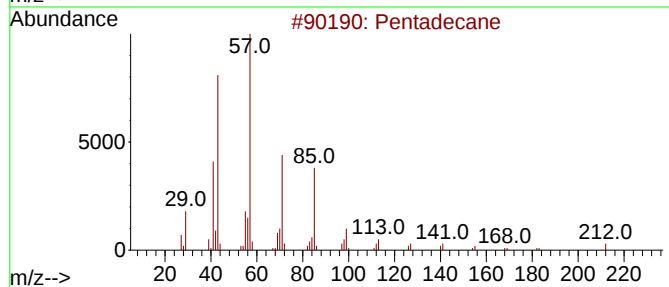
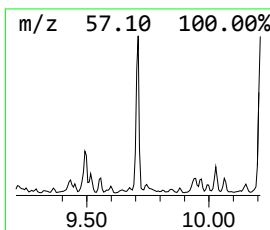
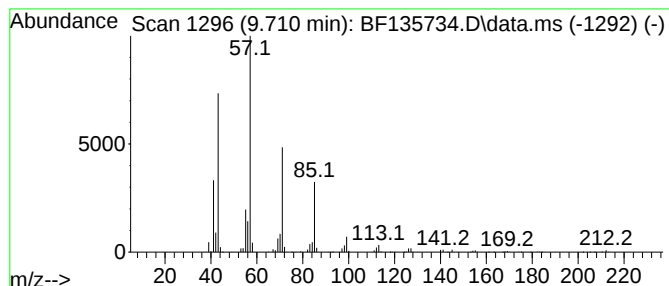
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	31.95 ng	1693290	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
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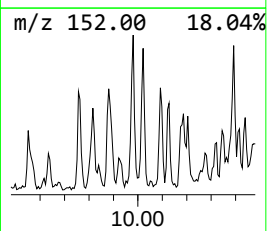
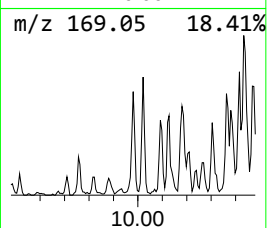
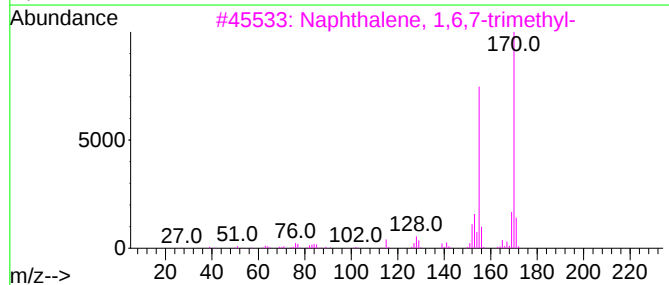
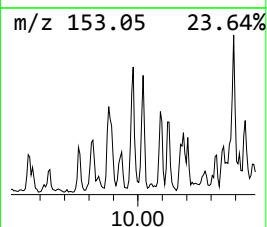
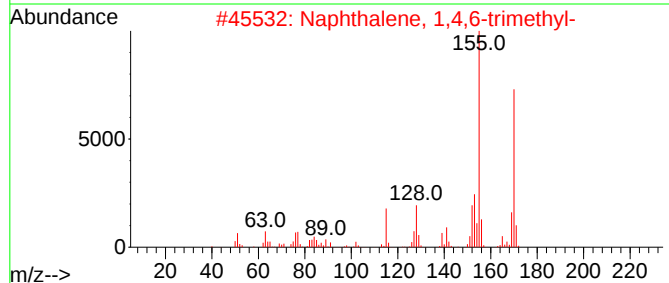
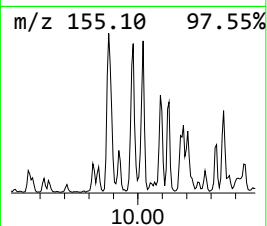
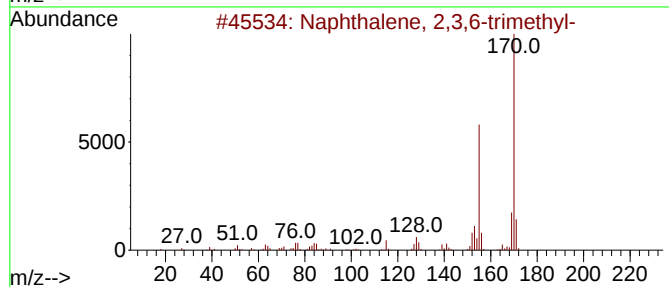
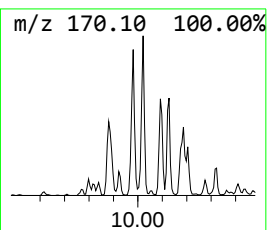
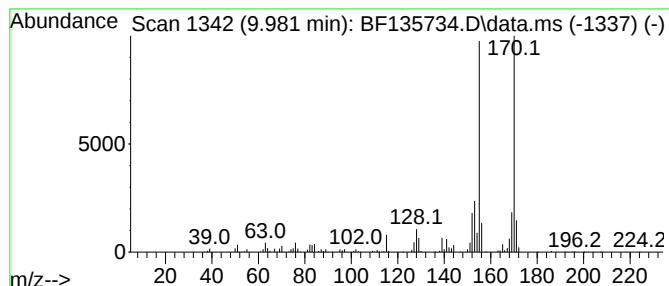
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.981	13.09 ng	693560	Acenaphthene-d10	9.775

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

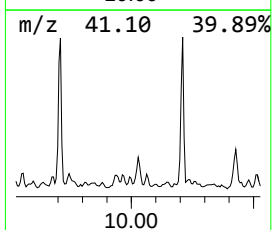
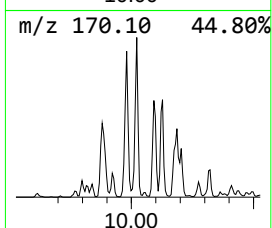
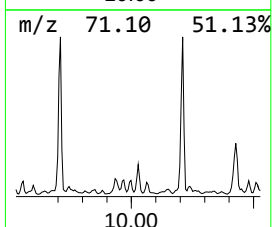
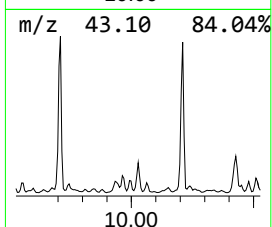
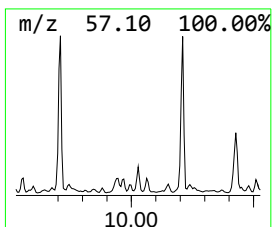
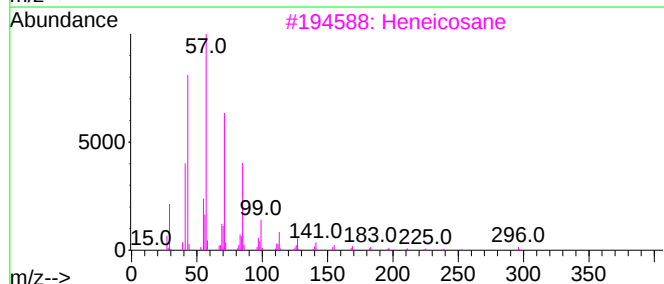
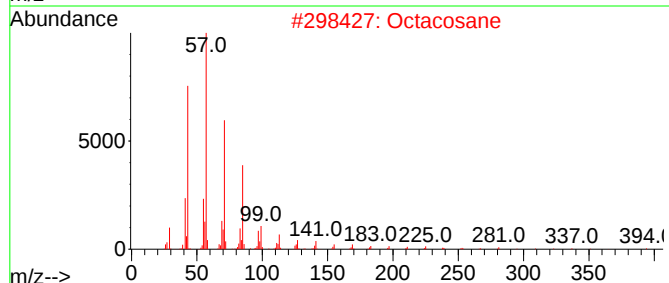
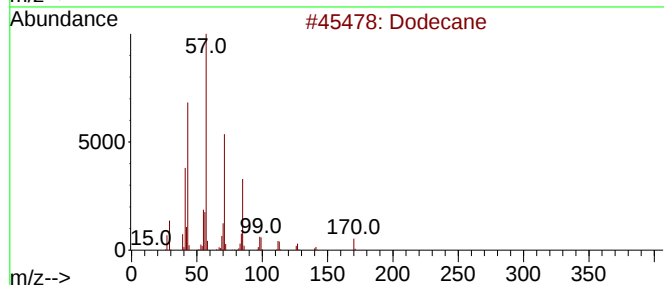
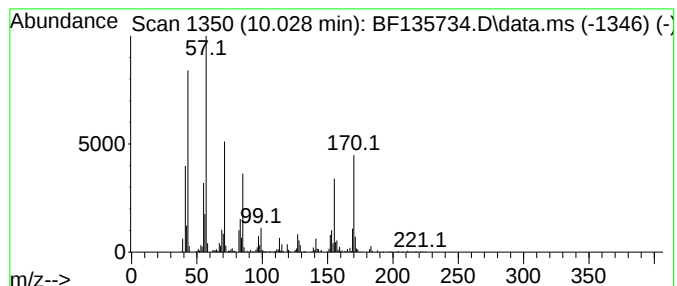
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.028	13.43 ng	711880	Acenaphthene-d10		9.775	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	70
2	Octacosane		394	C28H58	000630-02-4	45
3	Heneicosane		296	C21H44	000629-94-7	45
4	Tetracosane		338	C24H50	000646-31-1	45
5	Heptacosane		380	C27H56	000593-49-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
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Instrument :
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ClientSampleId :
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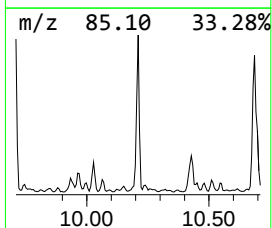
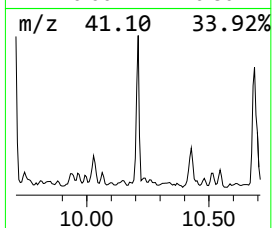
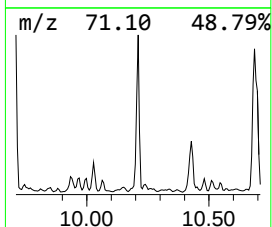
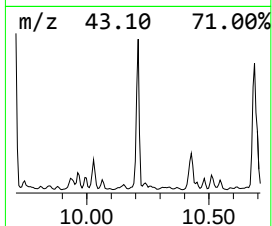
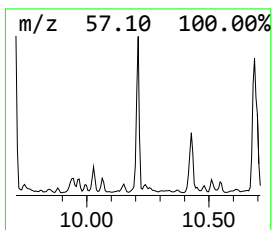
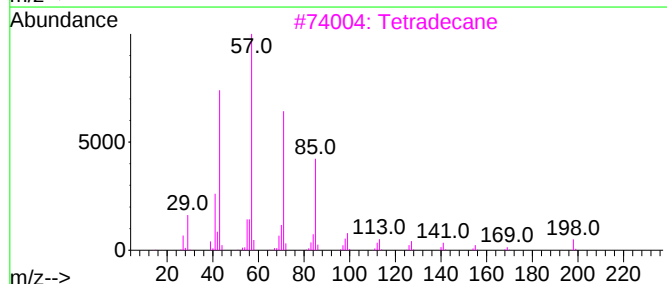
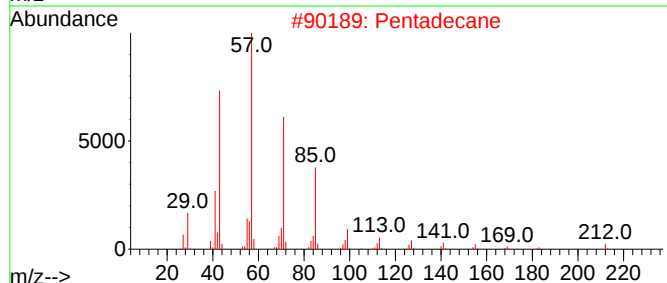
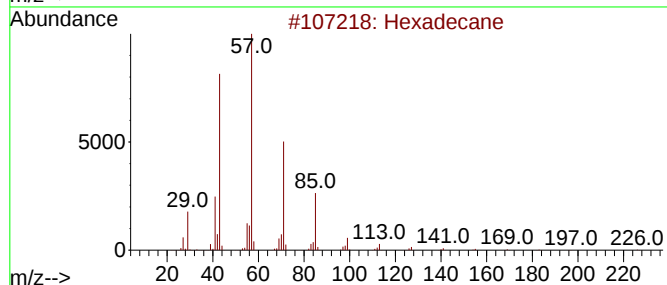
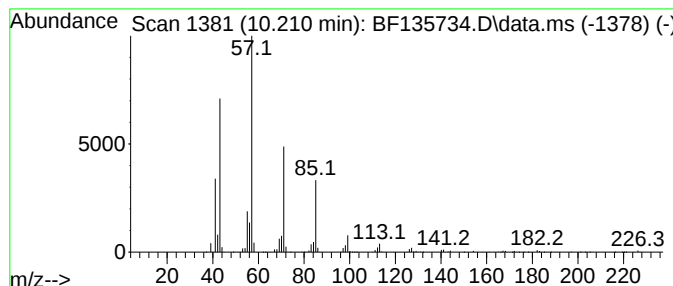
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	31.16 ng	1651280	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
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Misc :
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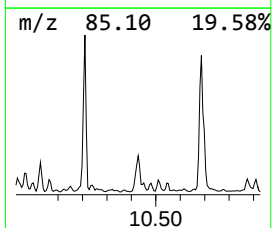
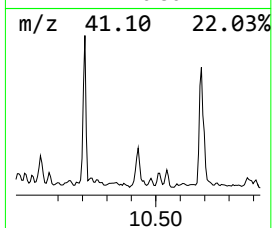
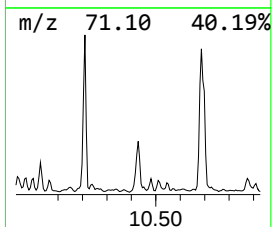
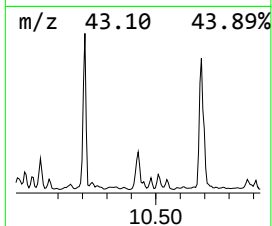
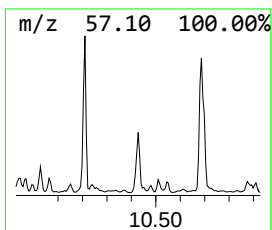
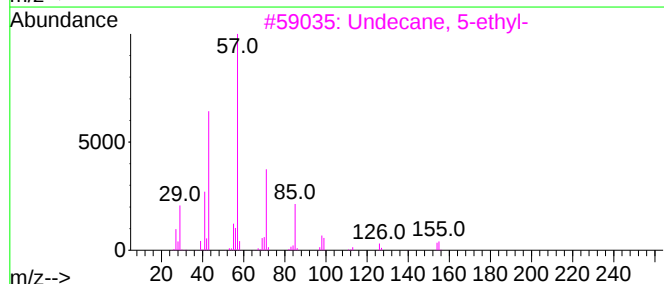
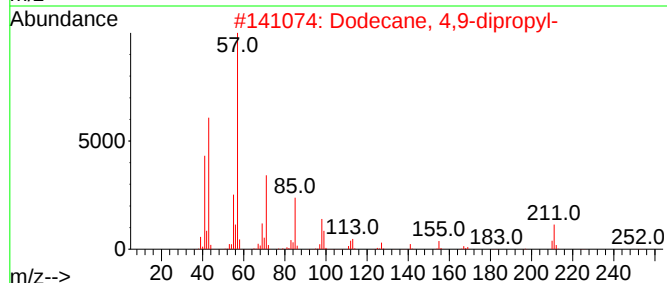
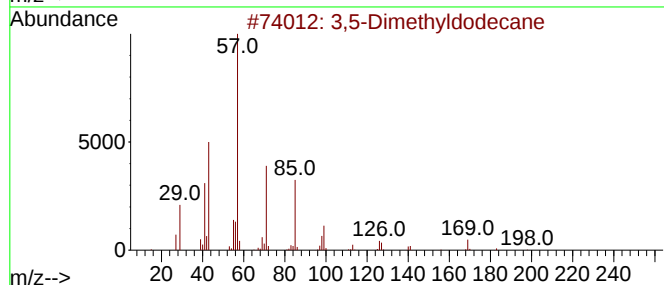
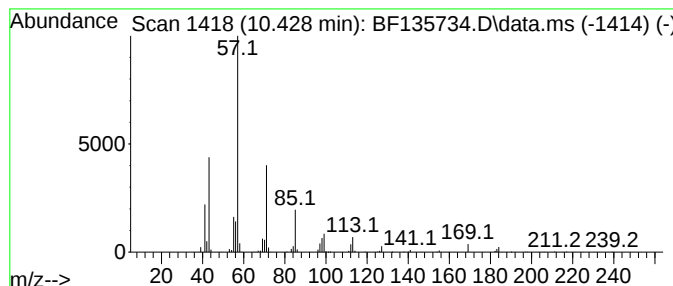
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,5-Dimethyldodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.428	15.90 ng	842811	Acenaphthene-d10	9.775	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	83
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	72
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5	Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
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Instrument :
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PP-20230928-B6A-7.5-15

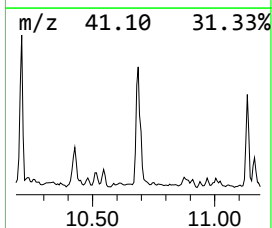
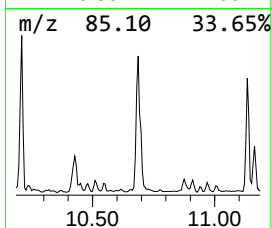
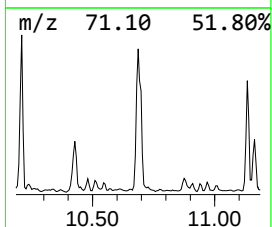
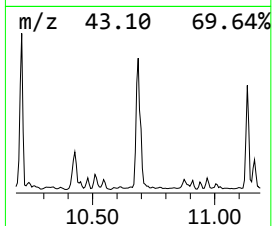
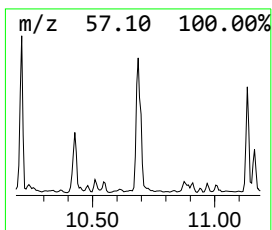
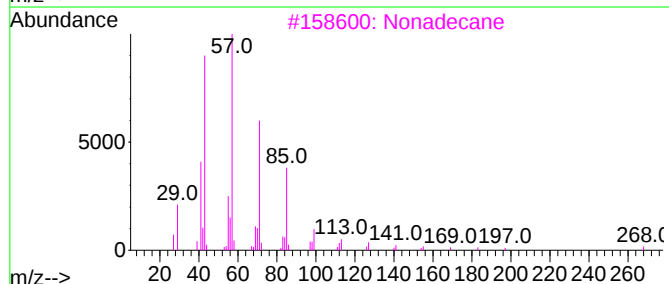
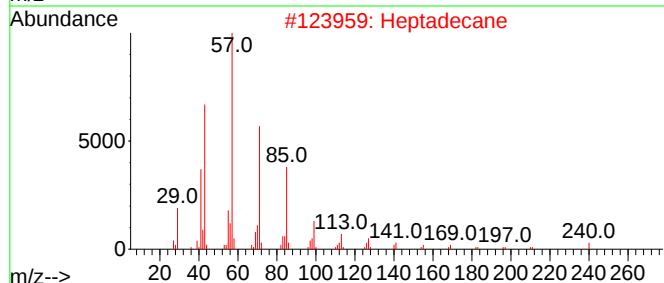
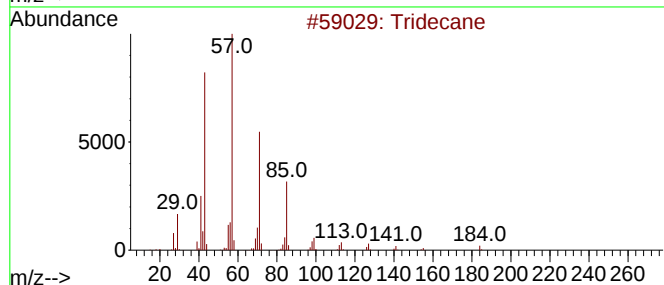
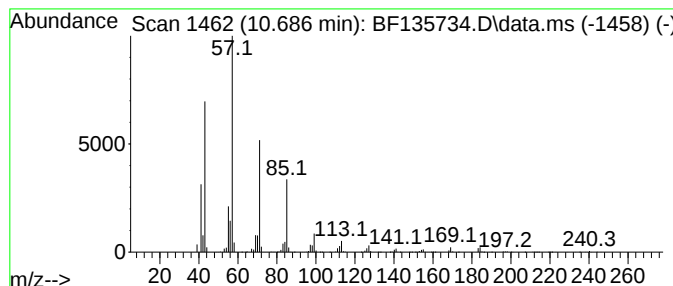
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	70.93 ng	2423710	Phenanthrene-d10	11.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Heptadecane	240	C17H36	000629-78-7	94
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
5			Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-7.5-15

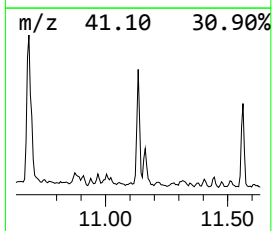
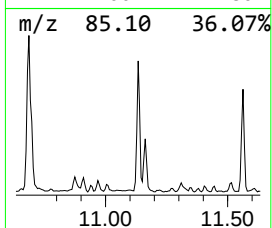
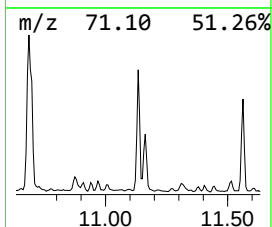
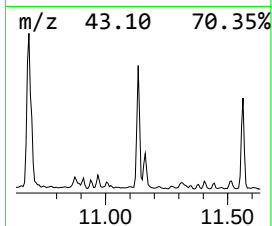
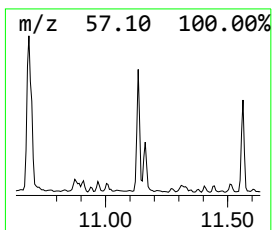
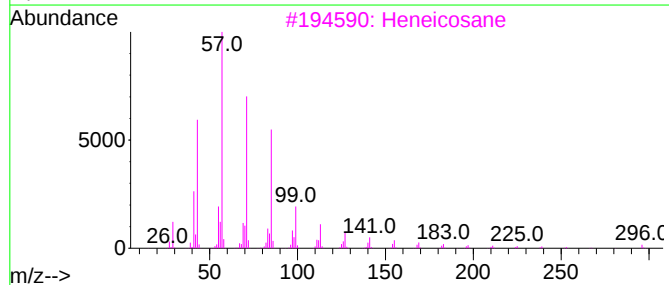
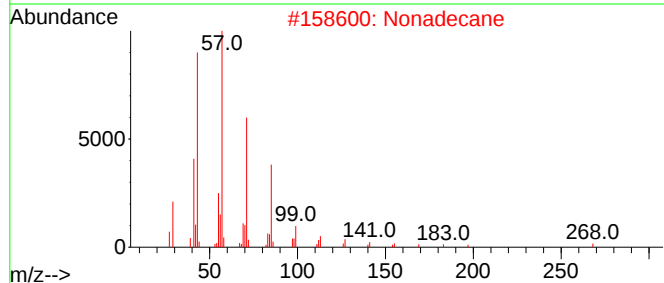
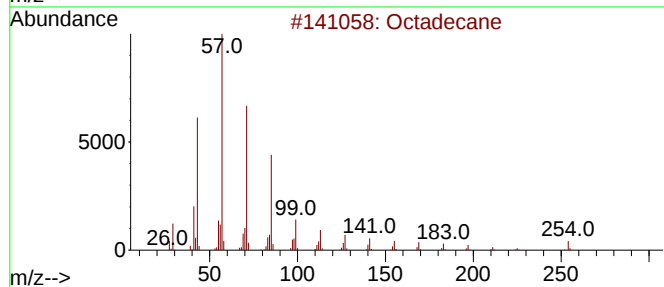
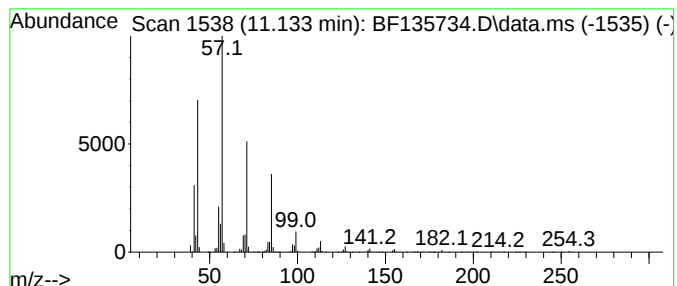
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	34.24 ng	1169870	Phenanthrene-d10	11.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
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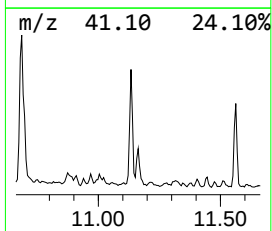
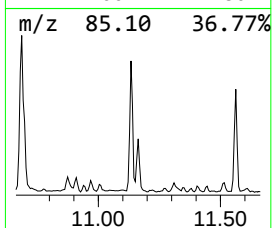
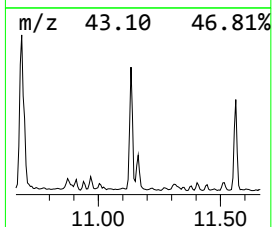
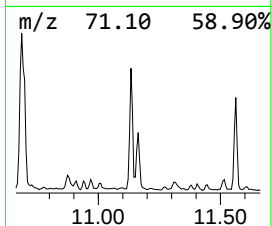
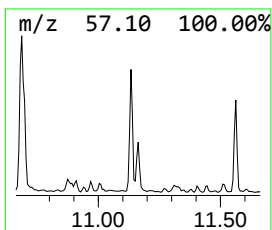
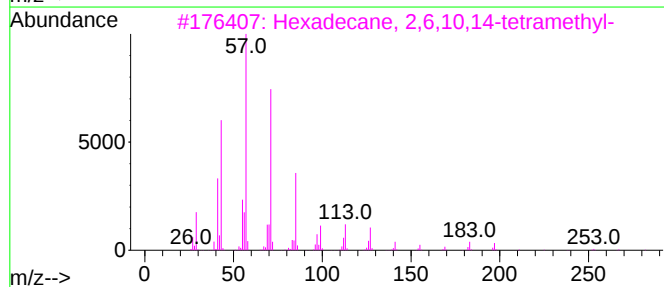
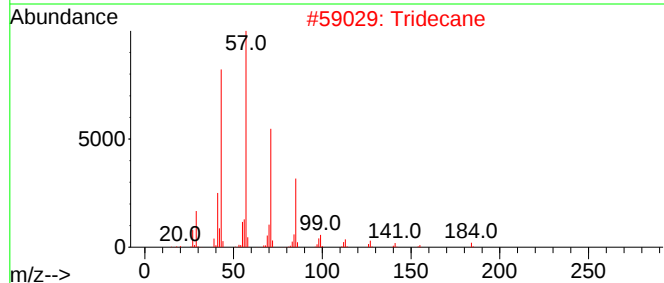
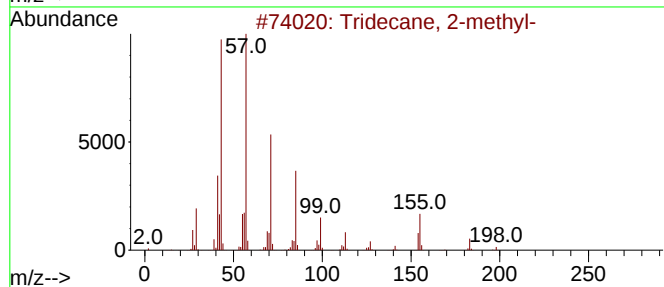
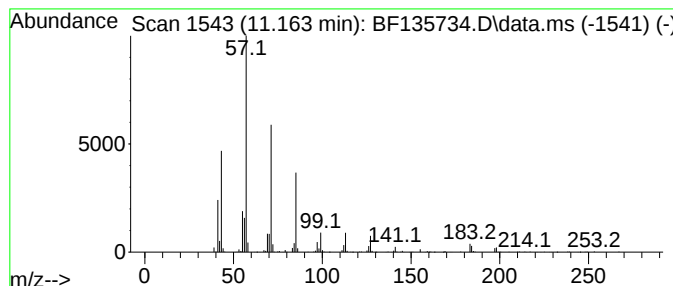
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	16.71 ng	570988	Phenanthrene-d10	11.275

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

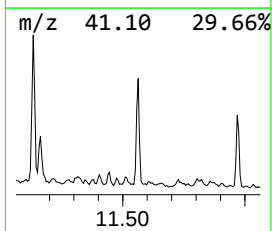
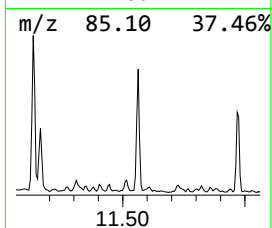
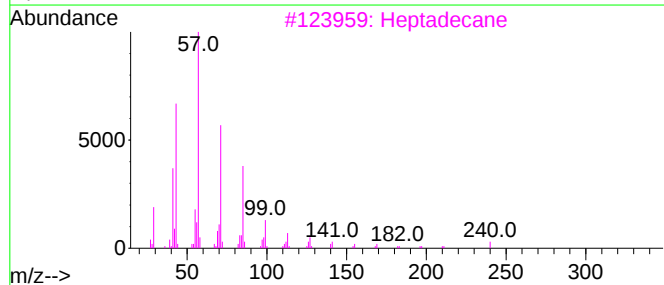
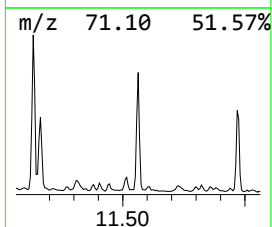
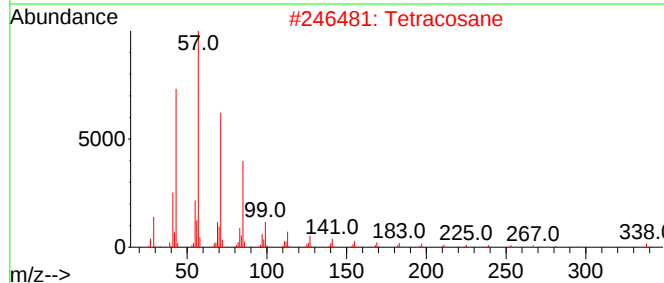
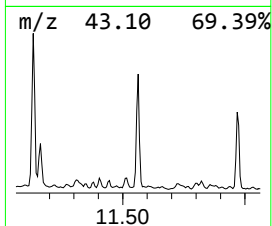
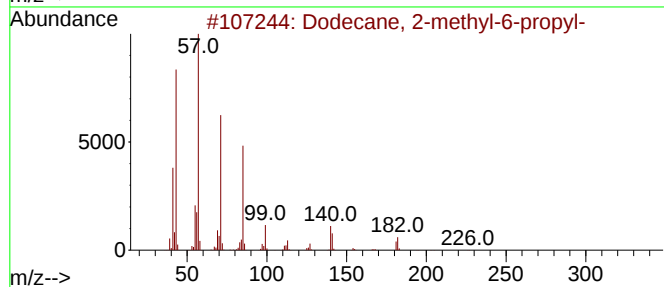
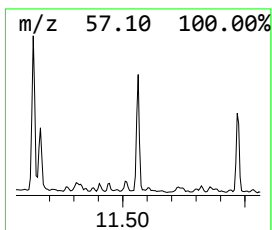
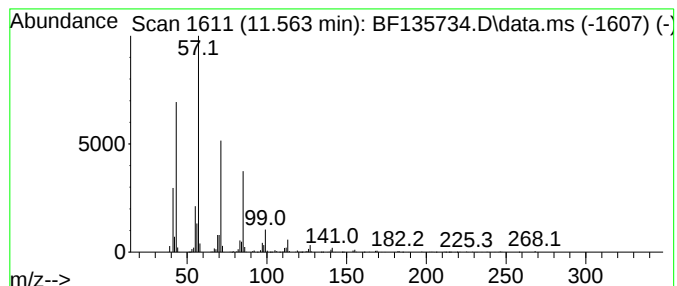
Instrument :
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ClientSampleId :
PP-20230928-B6A-7.5-15

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 Dodecane, 2-methyl-6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.563	25.51 ng	871509	Phenanthrene-d10		11.275	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
2	Tetracosane		338	C24H50	000646-31-1	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexadecane		226	C16H34	000544-76-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

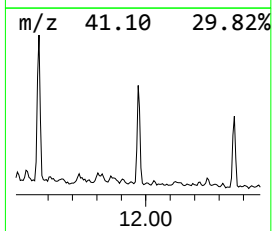
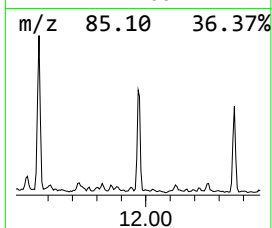
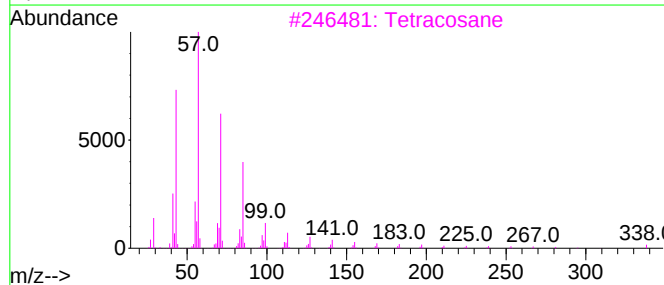
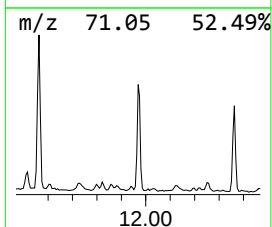
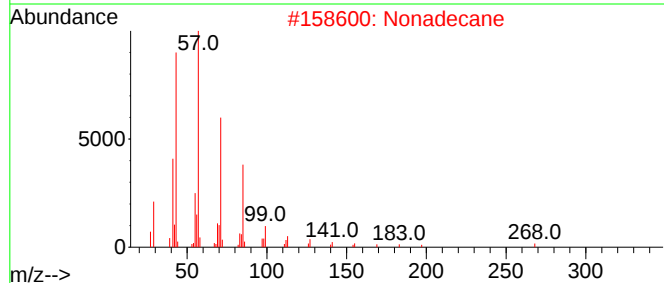
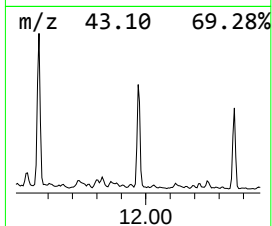
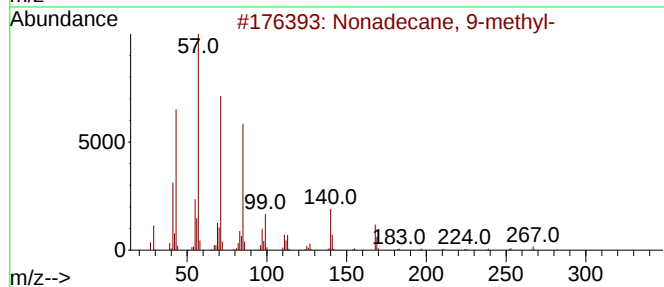
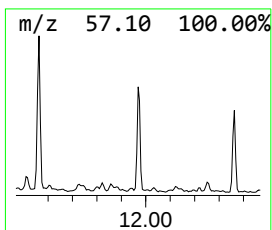
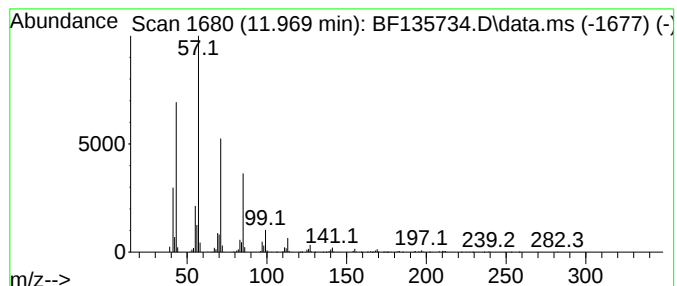
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ClientSampleId :
PP-20230928-B6A-7.5-15

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 18 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.969	19.04 ng	650435	Phenanthrene-d10		11.275	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	93
2	Nonadecane		268	C19H40	000629-92-5	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Heptacosane		380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

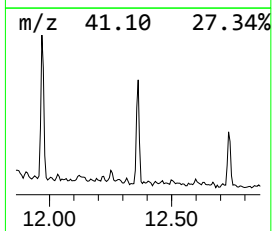
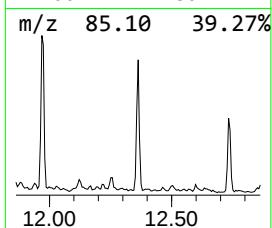
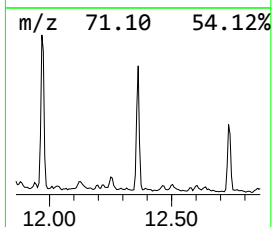
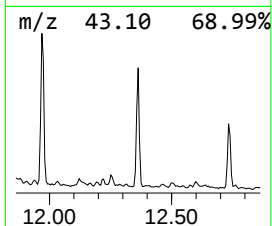
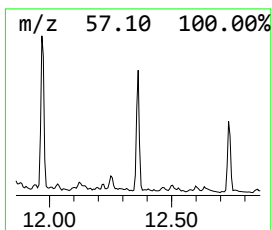
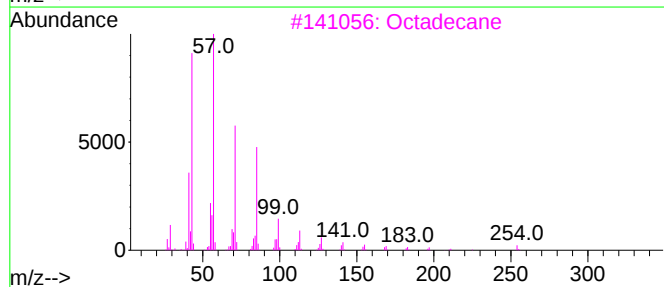
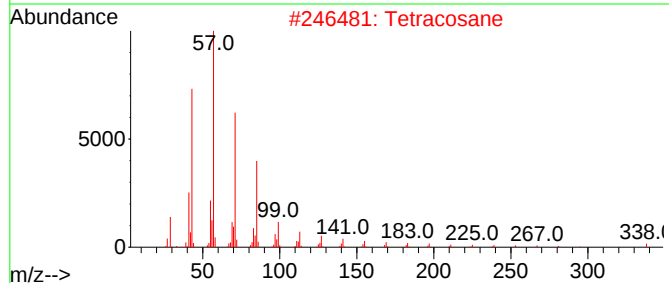
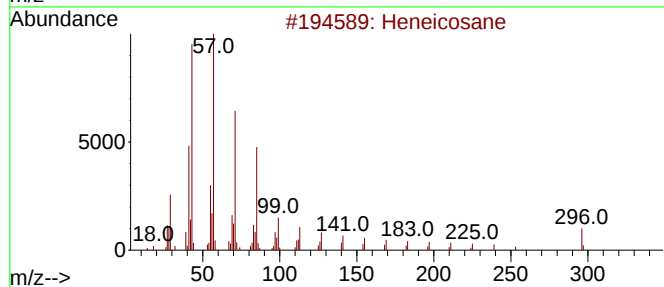
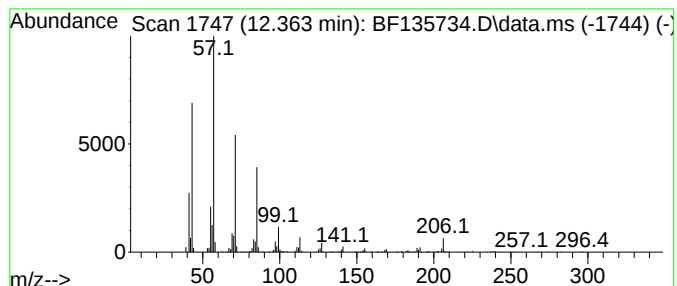
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.363	14.61 ng	499068	Phenanthrene-d10		11.275	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Tetracosane		338	C24H50	000646-31-1	91
3	Octadecane		254	C18H38	000593-45-3	90
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Nonadecane		268	C19H40	000629-92-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

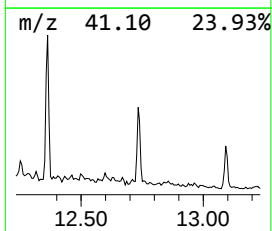
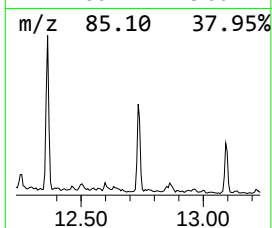
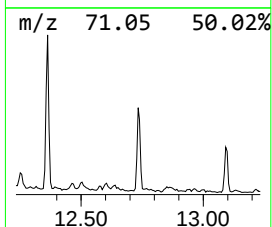
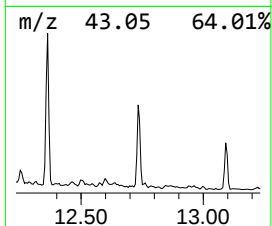
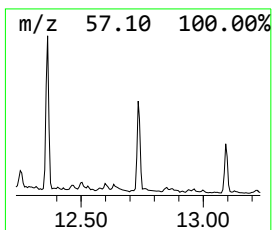
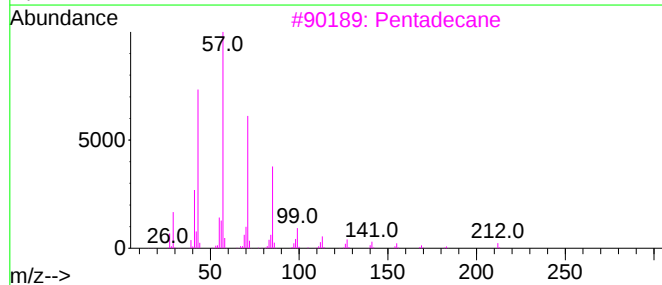
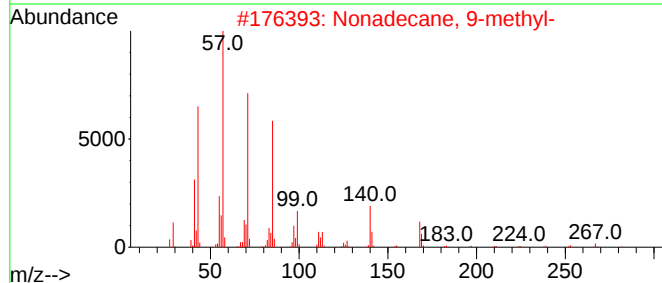
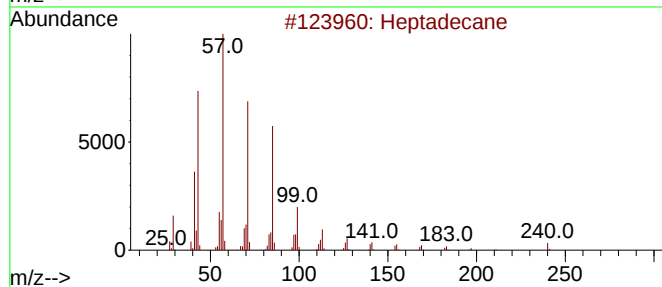
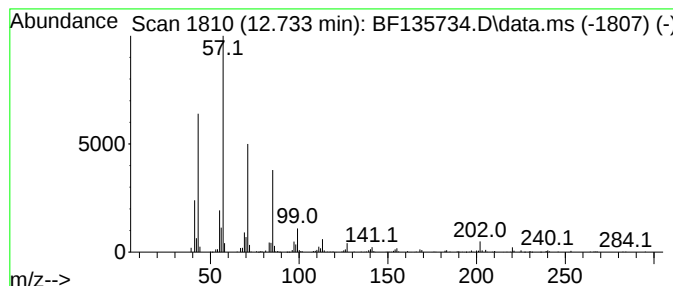
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.733	14.42 ng	325923	Chrysene-d12		13.933	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	91
3	Pentadecane		212	C15H32	000629-62-9	87
4	Heptacosane		380	C27H56	000593-49-7	87
5	Tetracosane		338	C24H50	000646-31-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
Data File : BF135734.D
Acq On : 12 Oct 2023 14:53
Operator : CG\JU
Sample : 04685-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PP-20230928-B6A-7.5-15

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
Undecane, 2,6-d...	8.075	12.4	ng	365761	2	8.016	592331	20.0
Cyclohexane, (4...	8.304	14.5	ng	430056	2	8.016	592331	20.0
Pentadecane, 7-...	8.434	16.8	ng	497153	2	8.016	592331	20.0
Tridecane	8.610	46.4	ng	1374930	2	8.016	592331	20.0
Hexadecane	9.175	33.8	ng	1788960	3	9.775	1059930	20.0
Naphthalene, 1,...	9.363	10.5	ng	554413	3	9.775	1059930	20.0
Naphthalene, 2,...	9.434	12.3	ng	649473	3	9.775	1059930	20.0
Tridecane, 1-iodo-	9.492	14.9	ng	788487	3	9.775	1059930	20.0
Pentadecane	9.710	31.9	ng	1693290	3	9.775	1059930	20.0
Naphthalene, 2,...	9.981	13.1	ng	693560	3	9.775	1059930	20.0
Dodecane	10.028	13.4	ng	711880	3	9.775	1059930	20.0
Tetradecane	10.210	31.2	ng	1651280	3	9.775	1059930	20.0
3,5-Dimethyldod...	10.428	15.9	ng	842811	3	9.775	1059930	20.0
Nonadecane	10.686	70.9	ng	2423710	4	11.275	683390	20.0
Octadecane	11.133	34.2	ng	1169870	4	11.275	683390	20.0
Tridecane, 2-me...	11.163	16.7	ng	570988	4	11.275	683390	20.0
Dodecane, 2-met...	11.563	25.5	ng	871509	4	11.275	683390	20.0
Nonadecane, 9-m...	11.969	19.0	ng	650435	4	11.275	683390	20.0
Heneicosane	12.363	14.6	ng	499068	4	11.275	683390	20.0
Heptadecane	12.733	14.4	ng	325923	5	13.933	452175	20.0