

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138036.D
 Acq On : 23 May 2024 19:31
 Operator : CG\JU
 Sample : P2558-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138036.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.534	747	756	759	rBV	172045	329554	3.72%	0.289%
2	6.651	771	776	780	rVB2	174189	194803	2.20%	0.171%
3	6.857	808	811	815	rVB	220771	169897	1.92%	0.149%
4	7.034	838	841	844	rBV	775148	626084	7.06%	0.549%
5	7.345	892	894	901	rVB2	149798	176473	1.99%	0.155%
6	7.563	926	931	933	rBV	188718	178384	2.01%	0.157%
7	7.616	937	940	943	rVB	449056	348856	3.93%	0.306%
8	7.675	944	950	953	rBV3	210405	327451	3.69%	0.287%
9	7.775	953	967	969	rVV	587653	1698857	19.15%	1.491%
10	7.822	973	975	977	rBV	253323	184996	2.09%	0.162%
11	7.987	1000	1003	1006	rVB2	263248	223906	2.52%	0.196%
12	8.051	1011	1014	1016	rBV	566983	418140	4.71%	0.367%
13	8.128	1023	1027	1029	rVB2	147634	166377	1.88%	0.146%
14	8.210	1039	1041	1044	rBV2	156374	168337	1.90%	0.148%
15	8.287	1051	1054	1056	rBV	1042225	981621	11.07%	0.861%
16	8.322	1058	1060	1062	rVV2	897216	797967	9.00%	0.700%
17	8.339	1062	1063	1065	rVV	338952	168424	1.90%	0.148%
18	8.363	1065	1067	1068	rVV2	508575	424575	4.79%	0.373%
19	8.404	1068	1074	1076	rVV	3263383	4531412	51.09%	3.976%
20	8.469	1080	1085	1090	rBV4	239362	490939	5.53%	0.431%
21	8.604	1104	1108	1112	rVB3	533067	710867	8.01%	0.624%
22	8.645	1112	1115	1116	rBV3	270833	232326	2.62%	0.204%
23	8.698	1123	1124	1126	rVV	326611	215121	2.43%	0.189%
24	8.722	1126	1128	1131	rVB2	647850	520256	5.87%	0.456%
25	8.751	1131	1133	1135	rBV2	159685	181117	2.04%	0.159%
26	8.781	1135	1138	1143	rVB	1735066	1468688	16.56%	1.289%
27	8.822	1143	1145	1147	rBV	706072	508576	5.73%	0.446%
28	8.898	1155	1158	1162	rVB2	1974212	1546245	17.43%	1.357%
29	8.945	1162	1166	1170	rBV4	209742	296494	3.34%	0.260%
30	8.981	1170	1172	1176	rVB2	295233	328694	3.71%	0.288%
31	9.034	1178	1181	1184	rVB	991006	852353	9.61%	0.748%
32	9.092	1188	1191	1193	rBV2	151858	168804	1.90%	0.148%
33	9.139	1196	1199	1201	rVV2	984269	885497	9.98%	0.777%
34	9.181	1204	1206	1207	rVV	414501	316531	3.57%	0.278%
35	9.222	1210	1213	1216	rVB3	419347	483381	5.45%	0.424%
36	9.263	1216	1220	1222	rBV2	693013	681039	7.68%	0.598%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.304	1225	1227	1229	rVV	383543	293764	3.31%	0.258%
38	9.328	1229	1231	1234	rVV3	722004	556125	6.27%	0.488%
39	9.392	1239	1242	1246	rBV	528578	489221	5.52%	0.429%
40	9.469	1251	1255	1258	rBV	2318925	2063912	23.27%	1.811%
41	9.504	1258	1261	1264	rBV3	373821	352221	3.97%	0.309%
42	9.545	1266	1268	1270	rVB	503825	381110	4.30%	0.334%
43	9.657	1284	1287	1293	rBV5	490643	737128	8.31%	0.647%
44	9.739	1293	1301	1303	rBV3	887487	1540721	17.37%	1.352%
45	9.763	1303	1305	1306	rVV2	491575	434504	4.90%	0.381%
46	9.786	1306	1309	1311	rVV	988991	1122129	12.65%	0.985%
47	9.839	1314	1318	1325	rVV	3191394	3943783	44.46%	3.460%
48	9.892	1325	1327	1329	rVB2	335367	252115	2.84%	0.221%
49	9.939	1332	1335	1339	rBV5	428519	504664	5.69%	0.443%
50	9.998	1339	1345	1349	rBV2	3076350	3646360	41.11%	3.199%
51	10.039	1349	1352	1354	rBV3	267356	329834	3.72%	0.289%
52	10.063	1354	1356	1358	rVV2	301316	313739	3.54%	0.275%
53	10.086	1358	1360	1362	rVB	809171	570650	6.43%	0.501%
54	10.228	1381	1384	1387	rBV3	402101	551814	6.22%	0.484%
55	10.257	1387	1389	1391	rVV2	567129	473826	5.34%	0.416%
56	10.286	1391	1394	1397	rVV3	756520	908371	10.24%	0.797%
57	10.322	1397	1400	1404	rVV3	951334	1229468	13.86%	1.079%
58	10.357	1404	1406	1410	rVB	466913	398562	4.49%	0.350%
59	10.398	1410	1413	1416	rBV3	480949	589120	6.64%	0.517%
60	10.428	1416	1418	1424	rVV3	452287	568429	6.41%	0.499%
61	10.504	1427	1431	1433	rVV	3641618	3200621	36.08%	2.808%
62	10.528	1433	1435	1438	rVV3	375243	421887	4.76%	0.370%
63	10.563	1438	1441	1443	rVV3	334901	447986	5.05%	0.393%
64	10.580	1443	1444	1446	rVB	390740	210816	2.38%	0.185%
65	10.722	1463	1468	1470	rBV	1488475	1683713	18.98%	1.477%
66	10.739	1470	1471	1474	rVB2	373172	298434	3.36%	0.262%
67	10.775	1474	1477	1480	rBV3	651244	597184	6.73%	0.524%
68	10.804	1480	1482	1486	rBV3	471364	504339	5.69%	0.443%
69	10.845	1486	1489	1491	rVB3	627209	537911	6.06%	0.472%
70	10.875	1492	1494	1496	rBV	282685	266118	3.00%	0.234%
71	10.980	1508	1512	1521	rVB	3989601	5276770	59.49%	4.630%
72	11.169	1541	1544	1545	rBV2	748242	668601	7.54%	0.587%
73	11.186	1545	1547	1554	rVV3	1347922	1853380	20.89%	1.626%
74	11.263	1558	1560	1563	rVB2	851579	685918	7.73%	0.602%
75	11.298	1563	1566	1568	rBV3	725720	723049	8.15%	0.634%
76	11.322	1568	1570	1573	rVV2	410812	305803	3.45%	0.268%

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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 >
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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77	11.433	1585	1589	1591	rBV	3960514	3493962	39.39%	3.066%
78	11.463	1591	1594	1596	rVB	1538575	1419010	16.00%	1.245%
79	11.580	1612	1614	1616	rBV	652786	596349	6.72%	0.523%
80	11.604	1616	1618	1623	rVB	628668	732645	8.26%	0.643%
81	11.698	1632	1634	1638	rVB2	821461	741410	8.36%	0.651%
82	11.739	1638	1641	1644	rBV2	813529	789458	8.90%	0.693%
83	11.810	1650	1653	1656	rBV2	838601	879513	9.92%	0.772%
84	11.863	1658	1662	1665	rVV	4264545	3789996	42.73%	3.326%
85	11.963	1675	1679	1682	rVB	4481097	4139486	46.67%	3.632%
86	12.022	1687	1689	1694	rBV2	728444	1013757	11.43%	0.890%
87	12.092	1698	1701	1703	rBV	881529	884308	9.97%	0.776%
88	12.116	1703	1705	1709	rVB2	902620	778705	8.78%	0.683%
89	12.157	1709	1712	1714	rBV2	723635	937573	10.57%	0.823%
90	12.274	1728	1732	1735	rBV	4050138	4112911	46.37%	3.609%
91	12.422	1754	1757	1760	rBV3	918964	1241668	14.00%	1.090%
92	12.516	1771	1773	1775	rBV	547895	461301	5.20%	0.405%
93	12.557	1777	1780	1783	rVV2	931080	1105381	12.46%	0.970%
94	12.657	1793	1797	1799	rBV2	4957493	7014296	79.08%	6.155%
95	12.680	1799	1801	1810	rVB2	5730306	8870261	100.00%	7.783%
96	12.763	1812	1815	1819	rVB2	2200012	2008024	22.64%	1.762%
97	12.810	1819	1823	1826	rBV	1453504	2081721	23.47%	1.827%
98	12.880	1832	1835	1837	rBV3	940483	1073860	12.11%	0.942%
99	13.045	1860	1863	1865	rBV	2395486	2330526	26.27%	2.045%
100	13.180	1883	1886	1889	rBV4	1266543	1533329	17.29%	1.345%

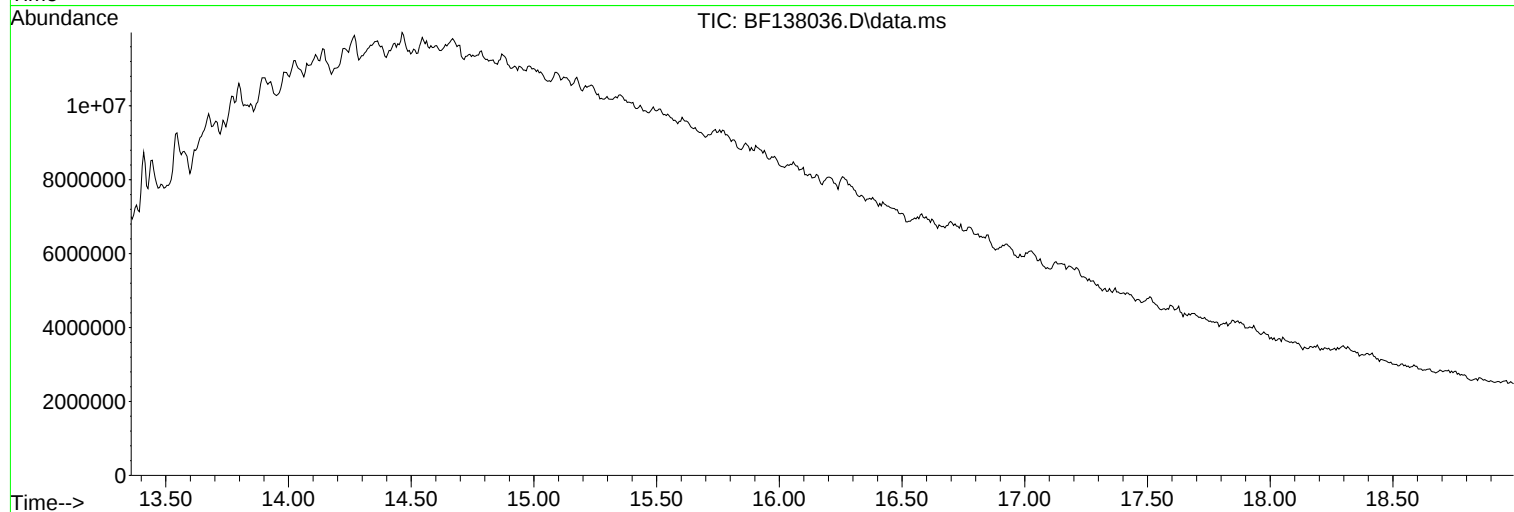
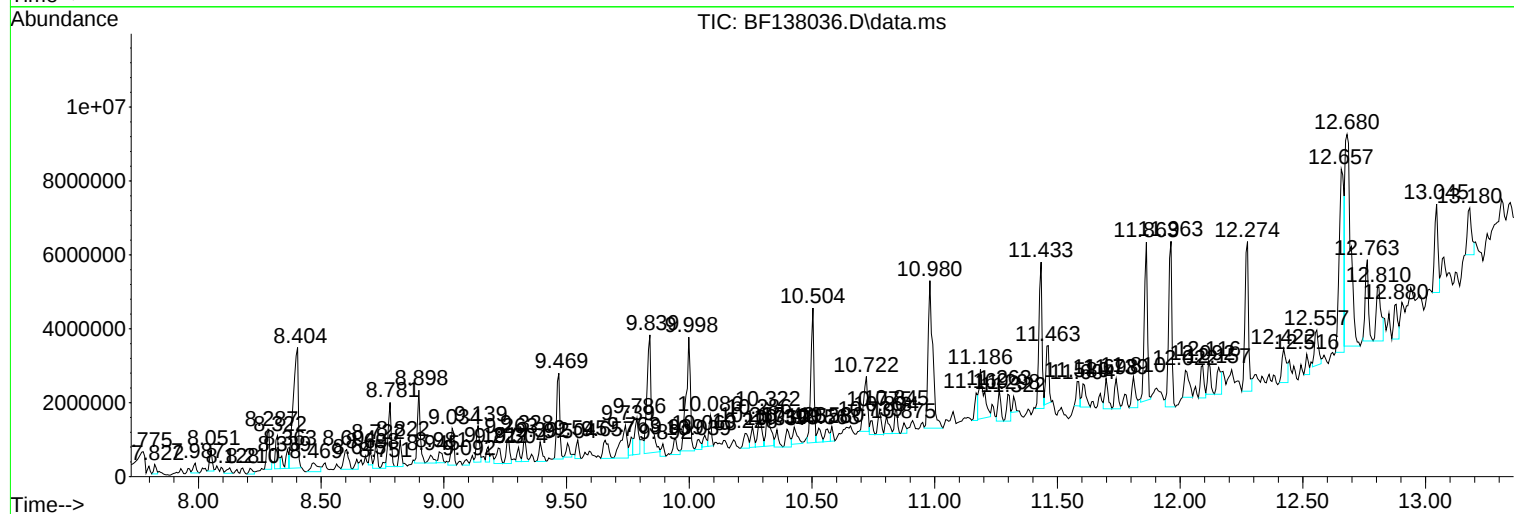
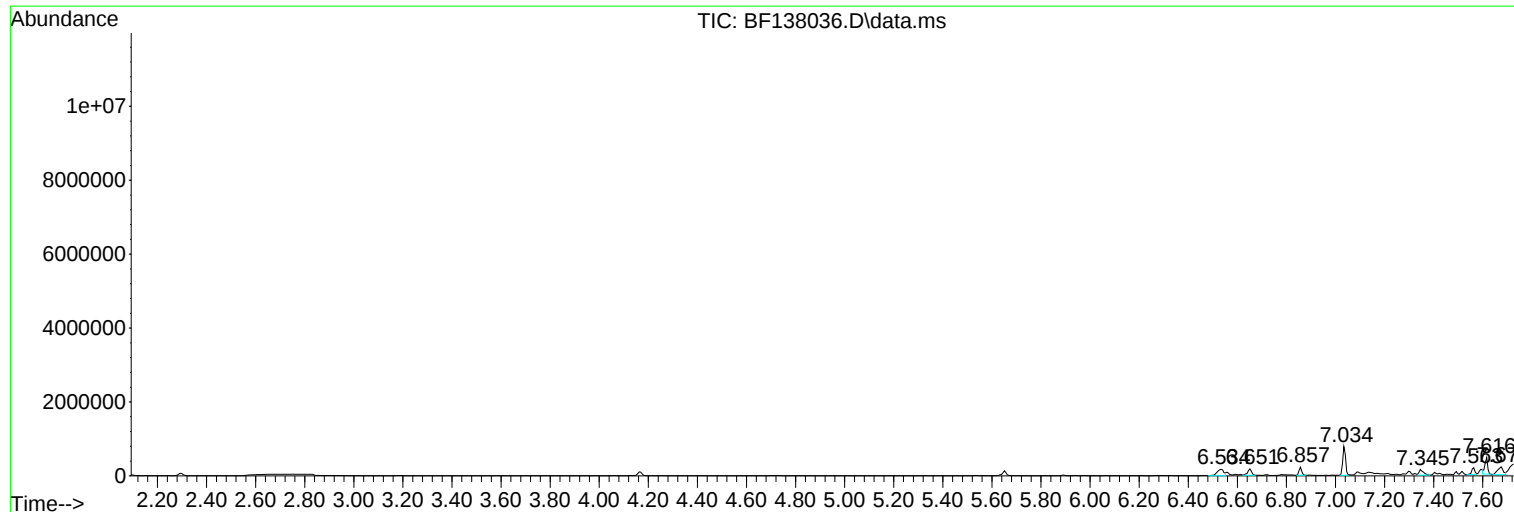
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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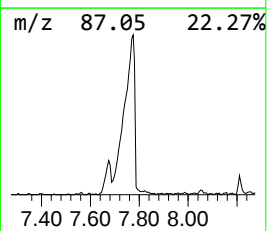
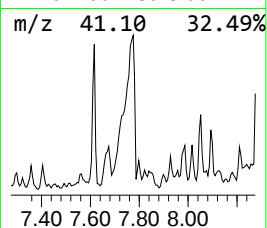
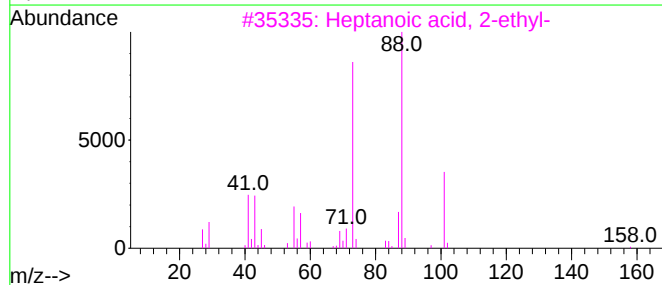
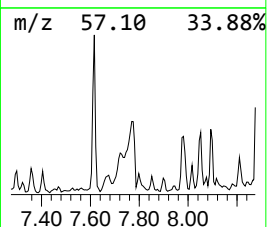
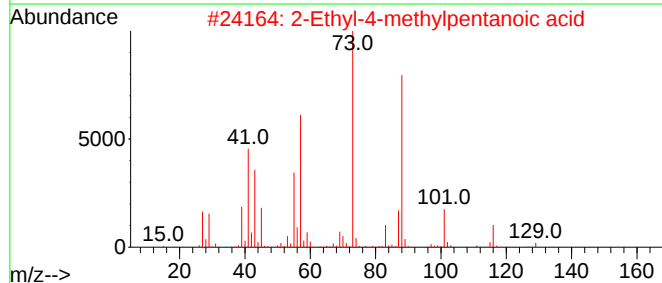
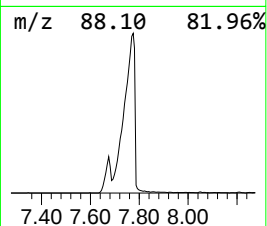
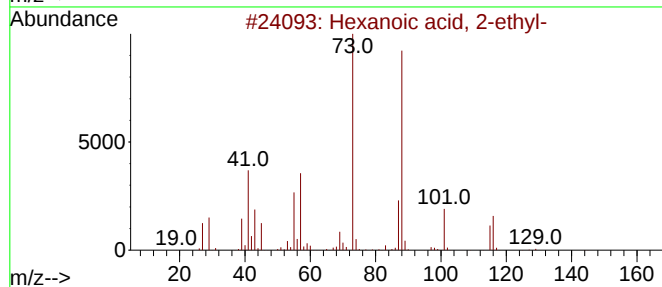
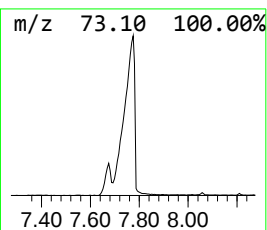
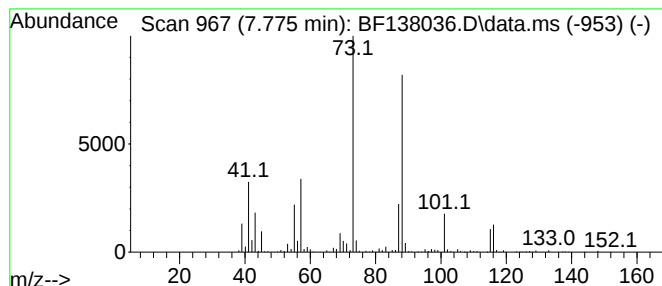
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.775	42.58 ng	1698860	Naphthalene-d8	8.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	64
3			Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
4			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
5			Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	47



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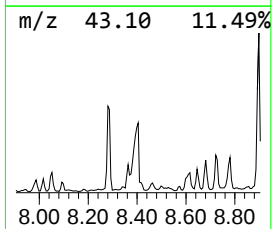
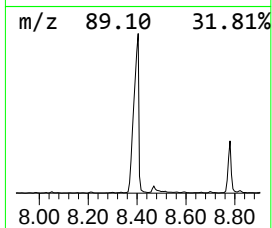
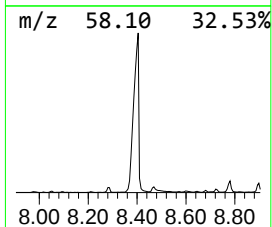
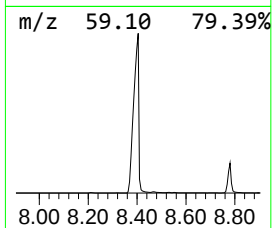
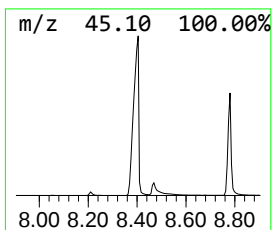
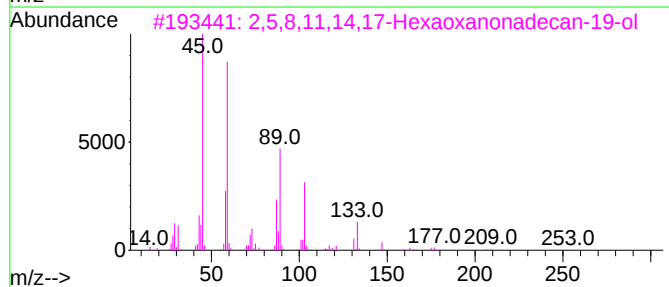
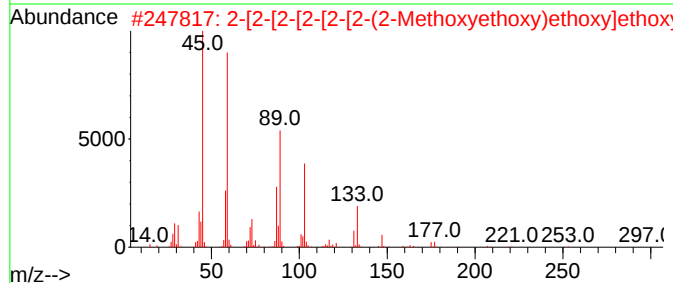
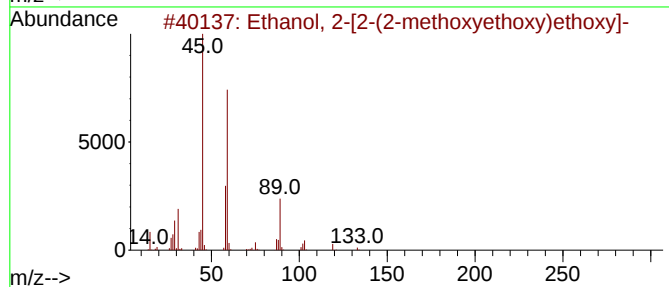
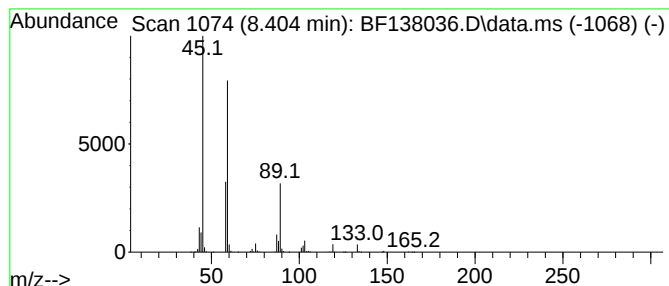
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.404	113.57 ng	4531410	Naphthalene-d8	8.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	90
2			2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	004437-01-8	78
3			2,5,8,11,14,17-Hexaoxonadecan-...	296	C13H28O7	023601-40-3	78
4			2,5,8,11,14-Pentaoxahehexadecan-16-ol	252	C11H24O6	023778-52-1	64
5			2-(2-(2-(2-Methoxyethoxy)ethoxy)...	222	C9H18O6	016024-60-5	56



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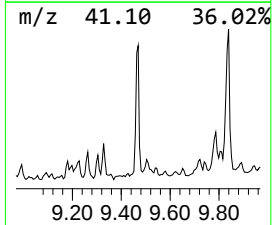
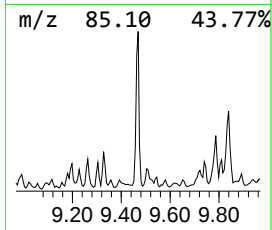
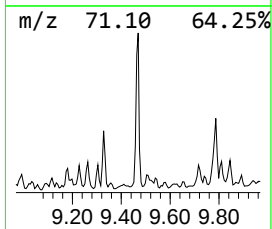
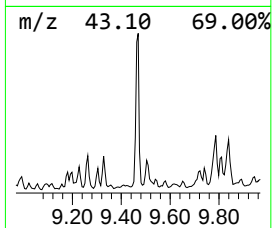
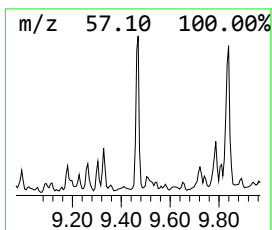
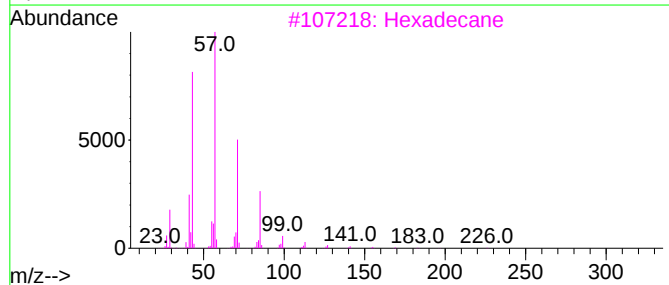
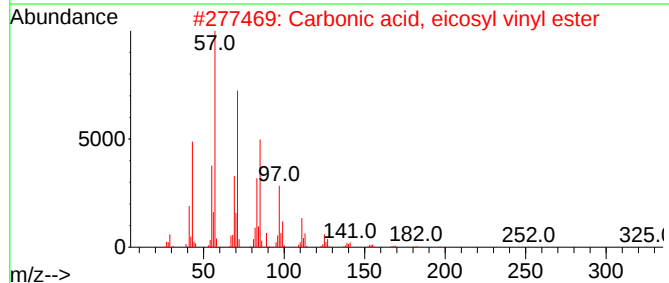
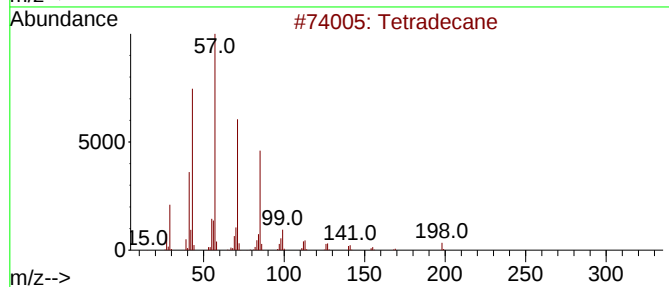
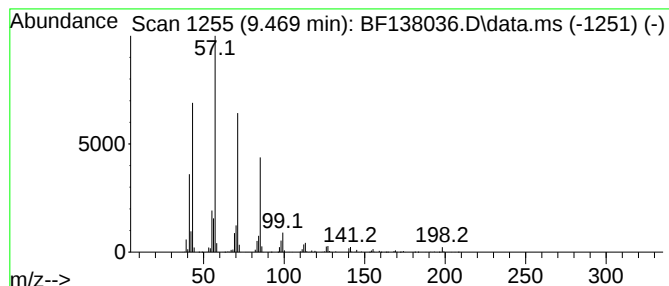
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.469	72.34 ng	2063910	Acenaphthene-d10	10.086	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Dodecane	170	C12H26	000112-40-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

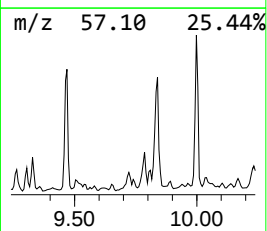
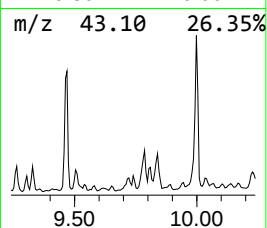
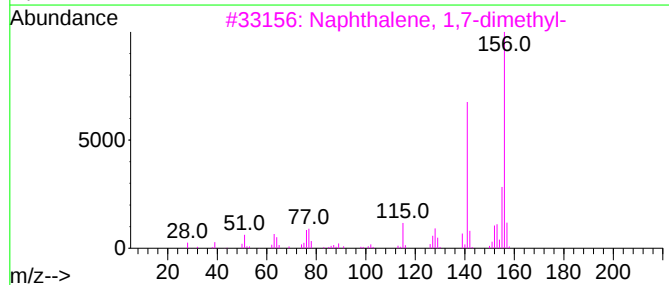
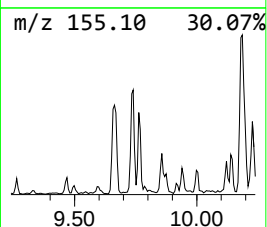
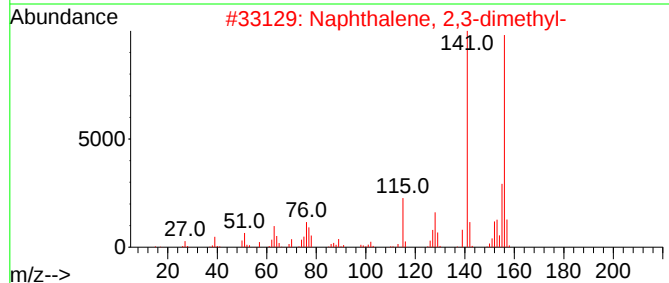
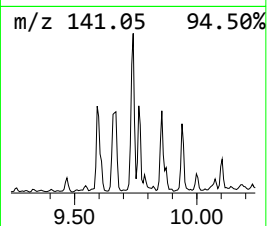
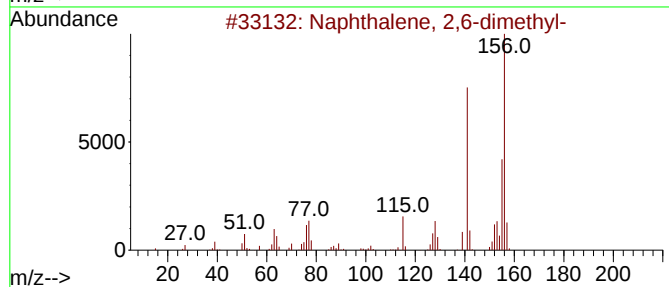
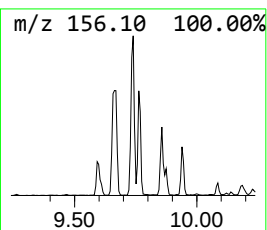
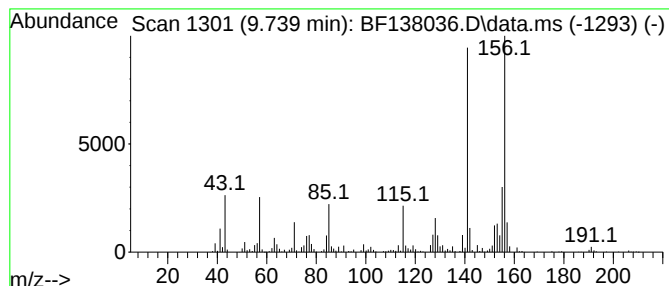
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	54.00 ng	1540720	Acenaphthene-d10	10.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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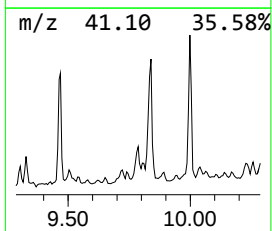
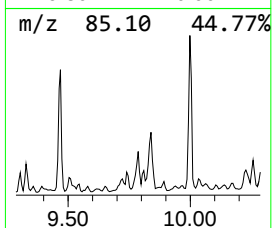
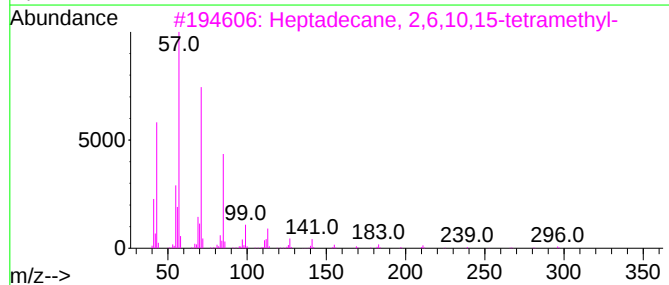
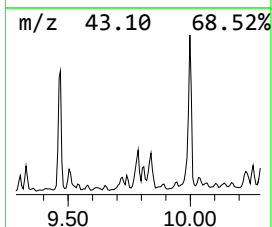
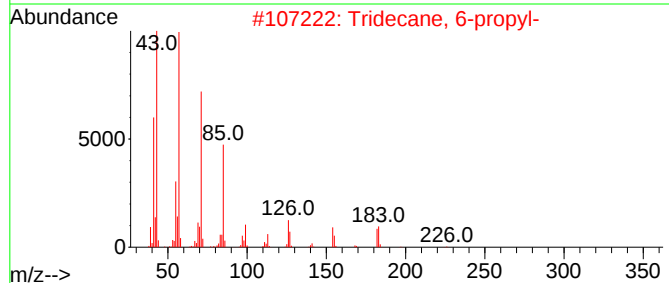
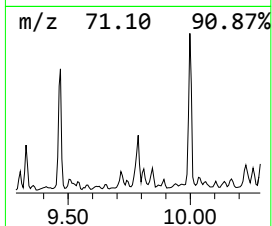
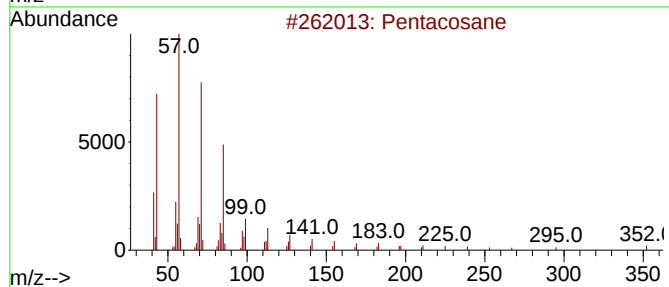
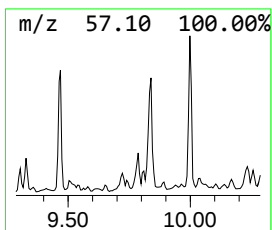
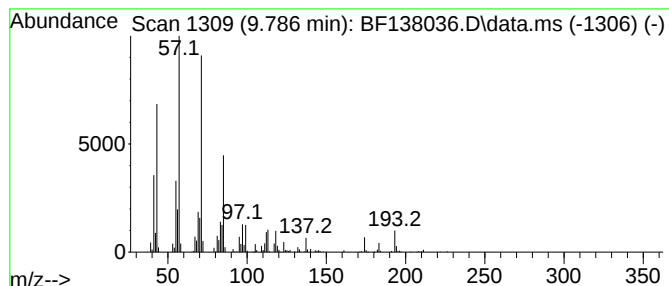
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	39.33 ng	1122130	Acenaphthene-d10	10.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	80
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4			Decane, 5-propyl-	184	C13H28	017312-62-8	72
5			Dodecane, 4-methyl-	184	C13H28	006117-97-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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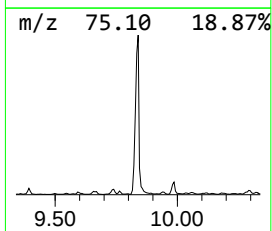
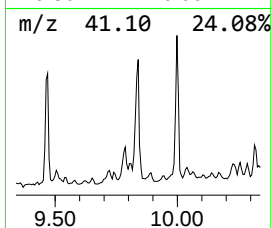
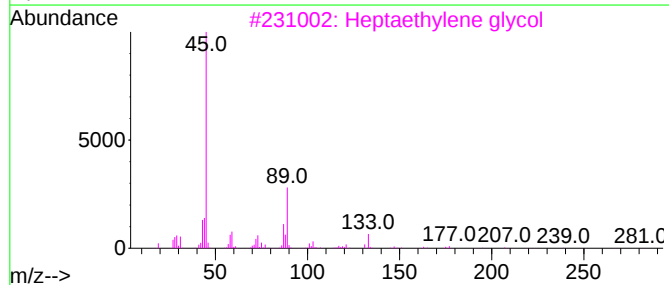
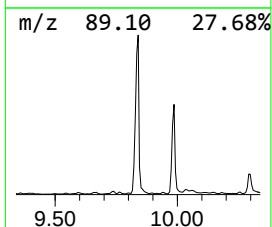
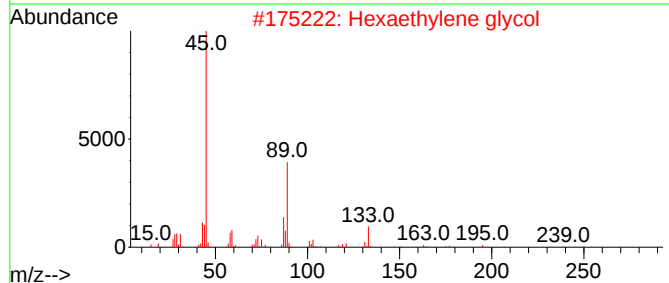
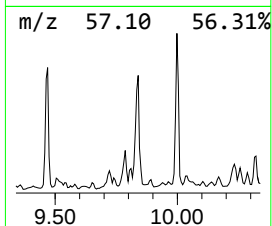
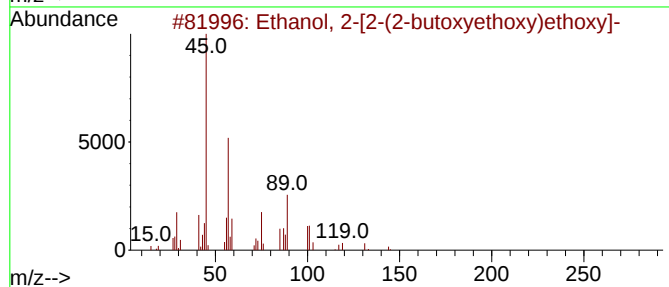
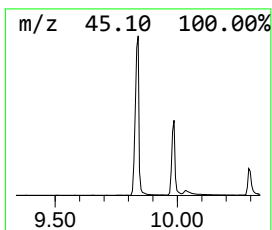
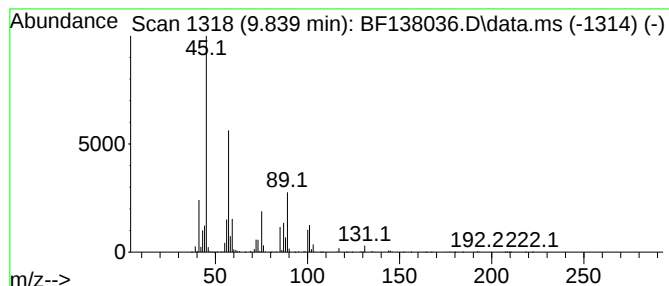
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	138.22 ng	3943780	Acenaphthene-d10	10.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2			Hexaethylene glycol	282	C12H26O7	002615-15-8	64
3			Heptaethylene glycol	326	C14H30O8	005617-32-3	64
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5			2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
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Sample : P2558-01
Misc :
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Instrument :
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ClientSampleId :
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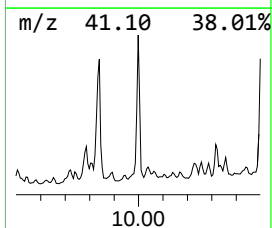
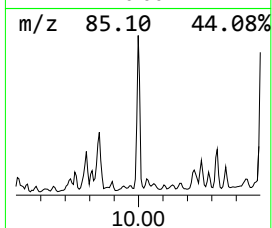
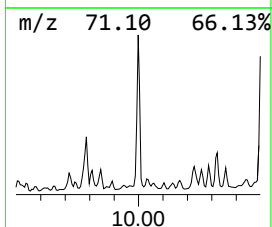
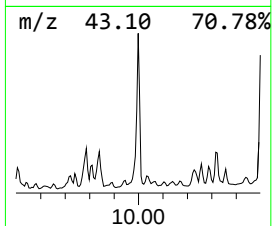
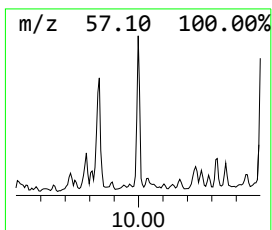
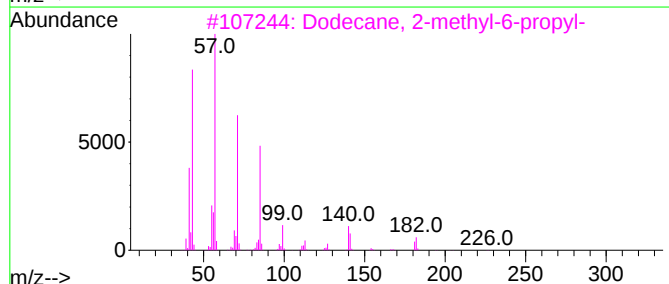
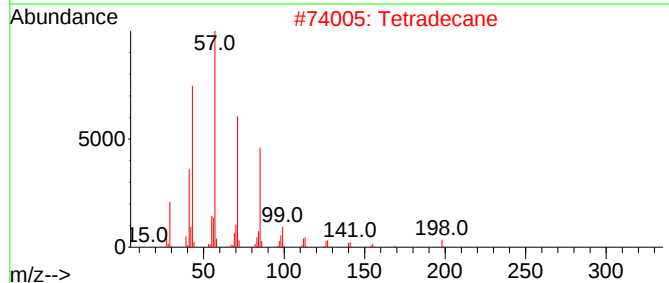
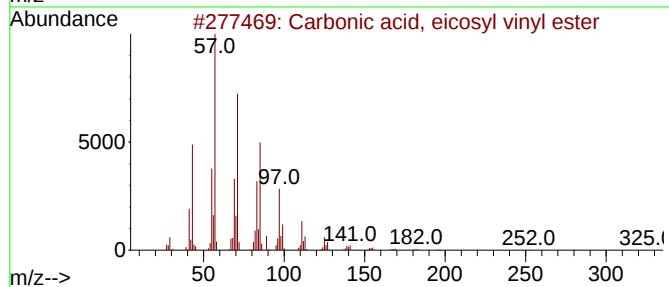
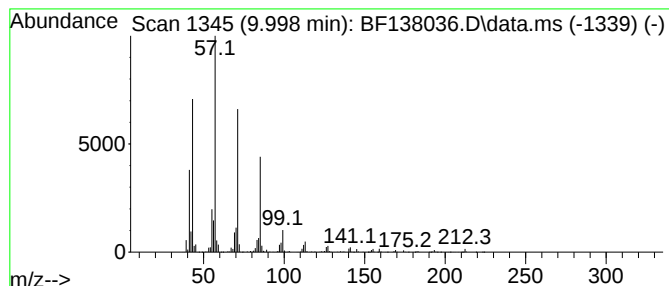
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Carbonic acid, eicosyl vinyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.998	127.80 ng	3646360	Acenaphthene-d10	10.086

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Nonadecane	268	C19H40	000629-92-5	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

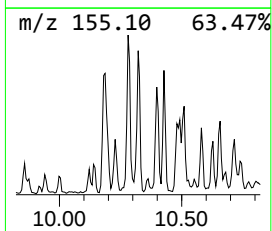
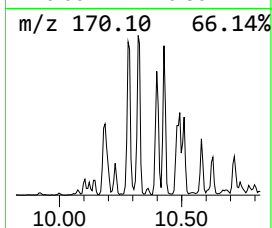
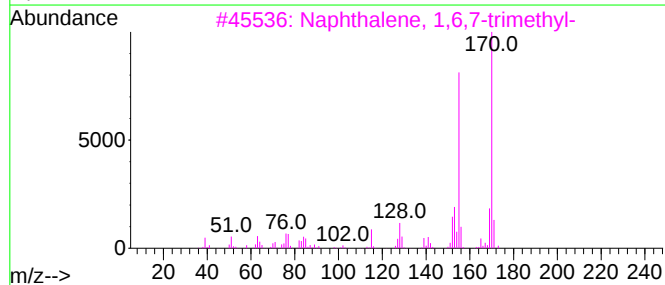
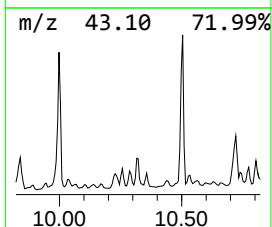
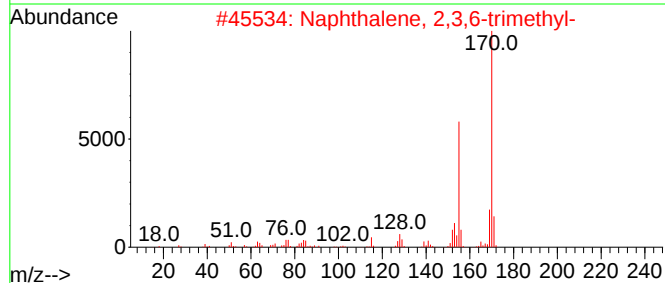
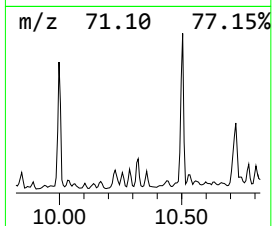
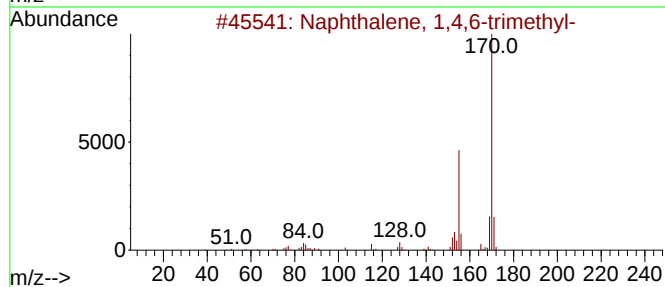
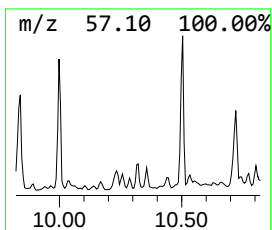
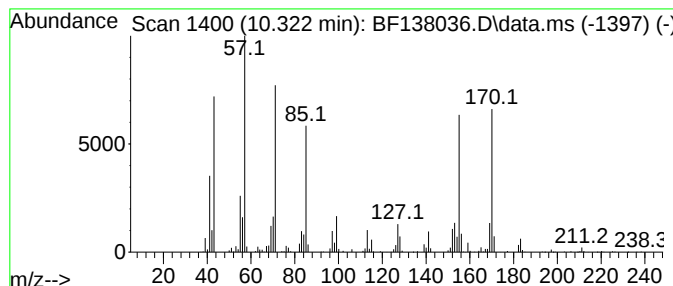
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.322	43.09 ng	1229470	Acenaphthene-d10	10.086	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	84
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
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Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

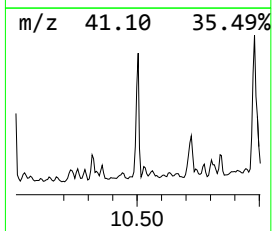
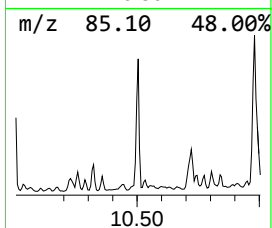
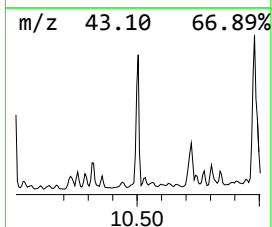
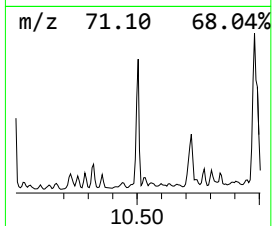
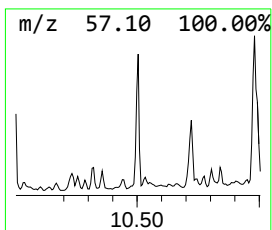
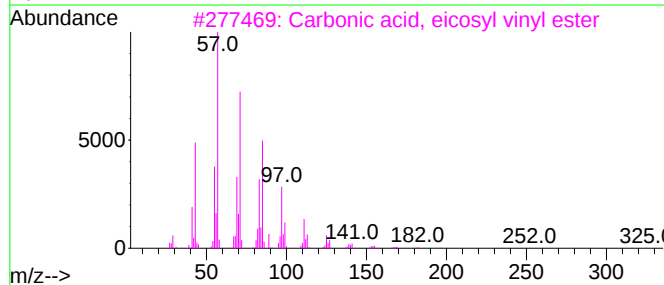
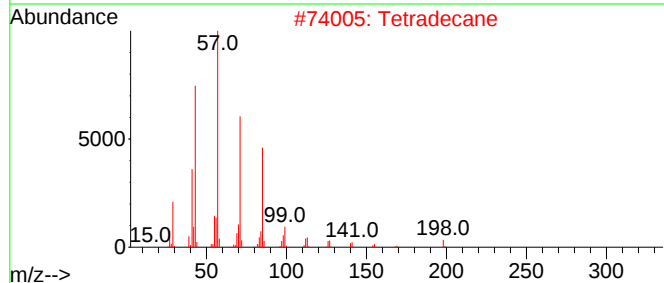
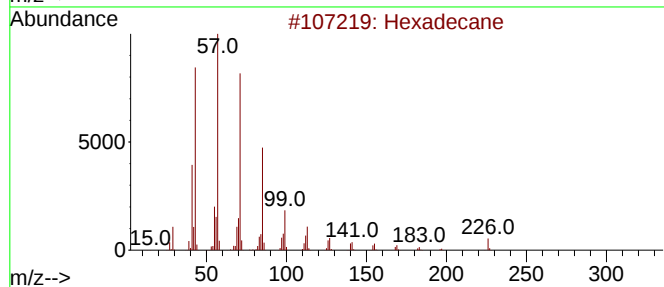
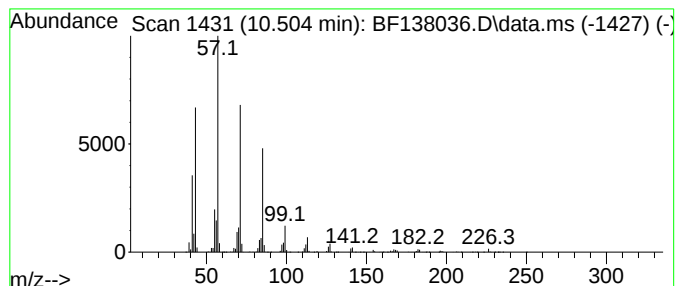
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ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.504	112.18 ng	3200620	Acenaphthene-d10		10.086	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	95
2		Tetradecane	198	C14H30	000629-59-4	91
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4		Tritetracontane	605	C43H88	007098-21-7	90
5		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

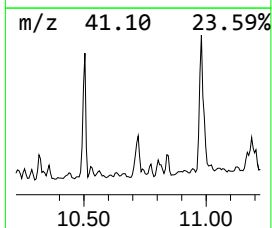
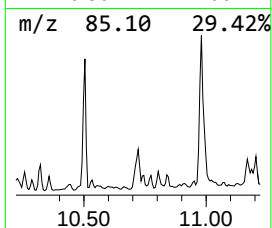
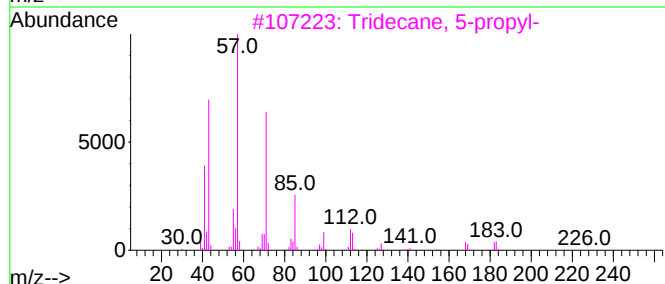
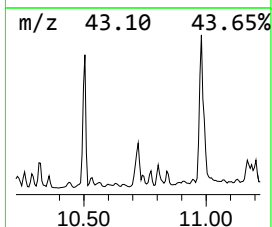
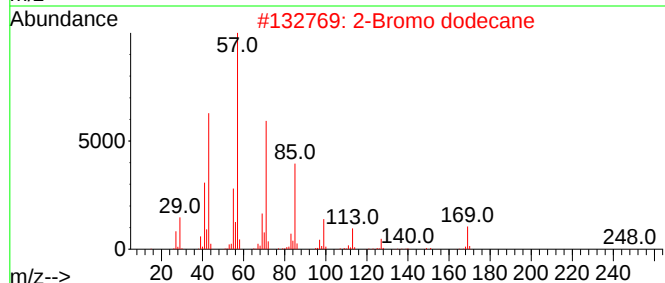
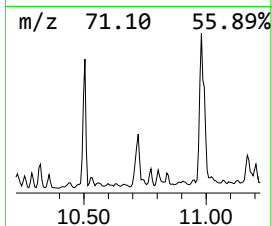
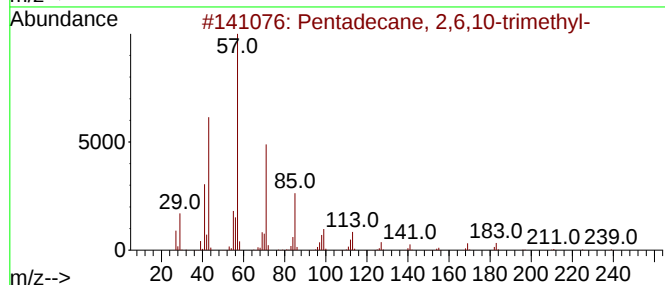
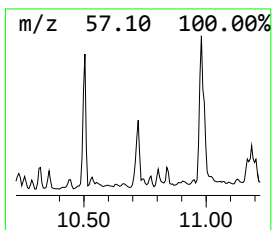
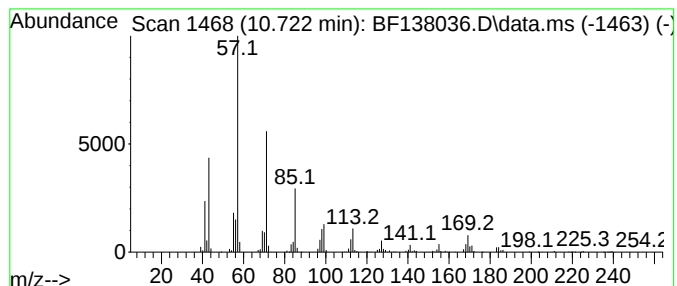
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	59.01 ng	1683710	Acenaphthene-d10	10.086

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

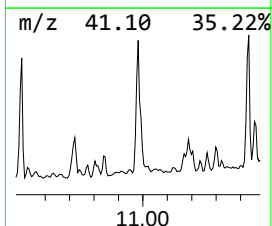
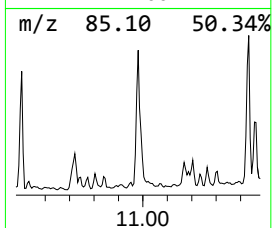
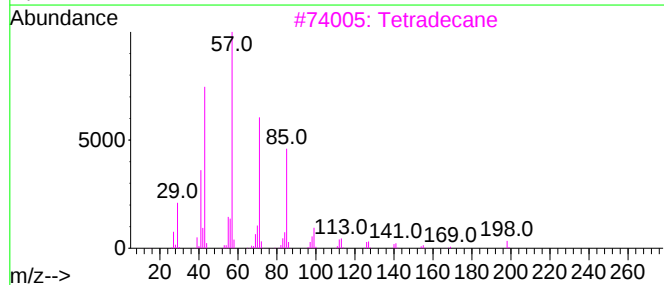
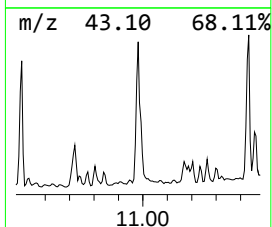
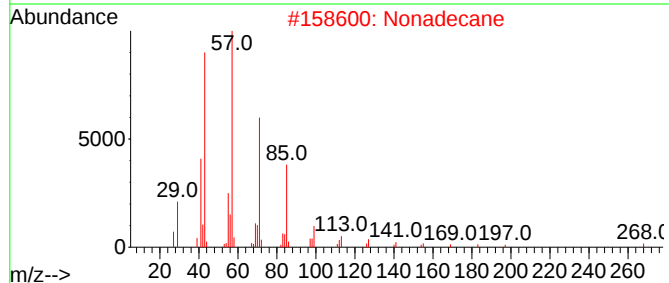
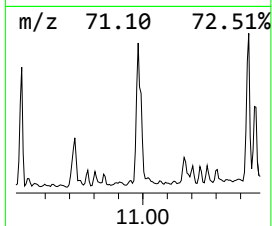
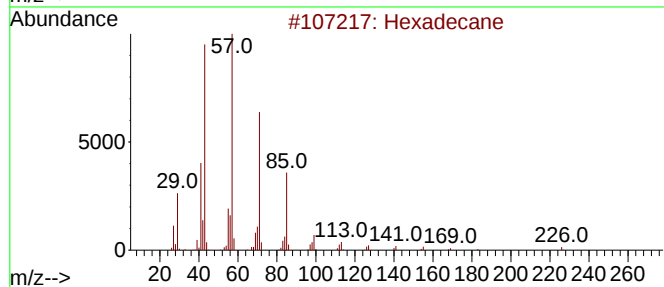
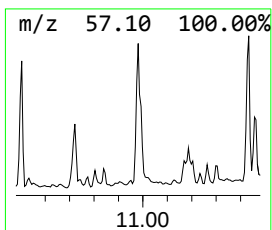
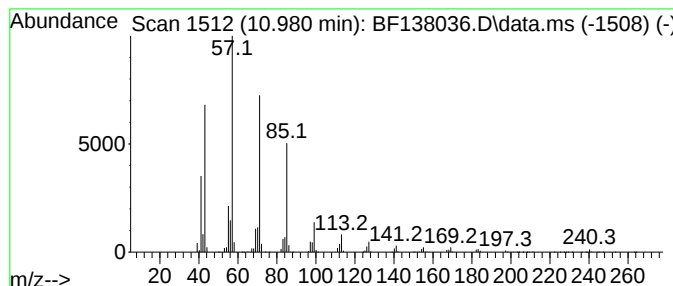
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	176.97 ng	5276770	Phenanthrene-d10	11.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Nonadecane	268	C19H40	000629-92-5	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

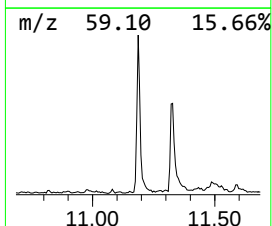
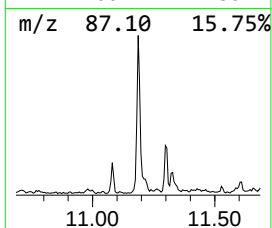
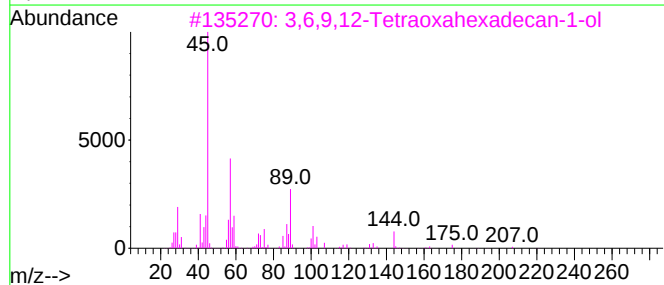
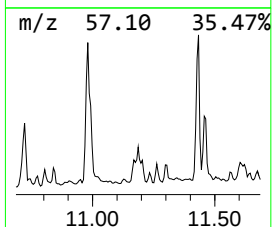
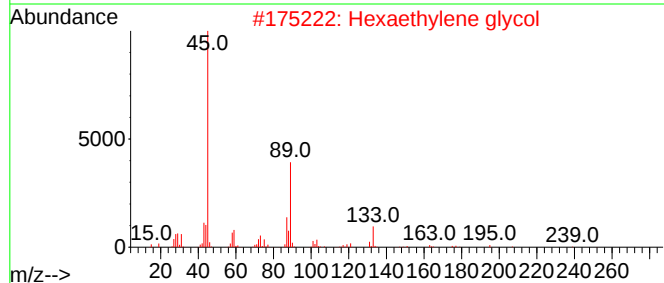
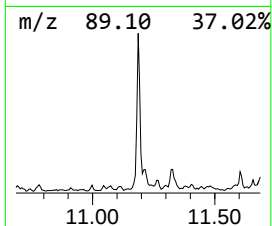
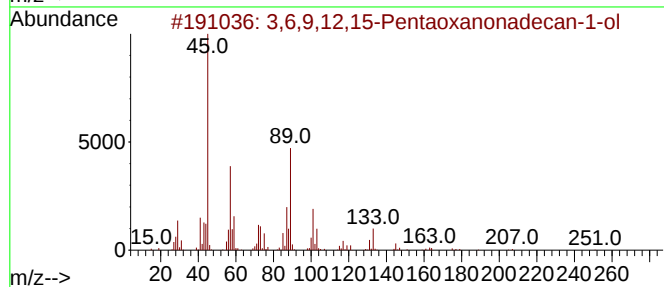
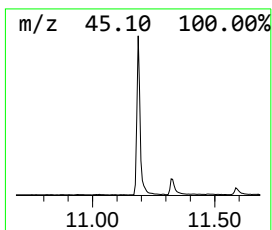
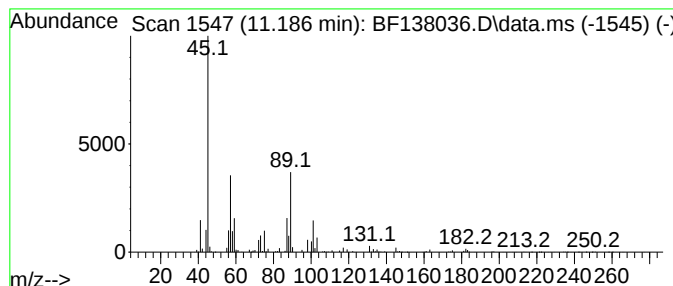
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,6,9,12,15-Pentaoxonadec... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.186	62.16 ng	1853380	Phenanthrene-d10		11.586	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxonadecan-1-ol		294	C14H30O6	001786-94-3	86
2	Hexaethylene glycol		282	C12H26O7	002615-15-8	83
3	3,6,9,12-Tetraoxahexadecan-1-ol		250	C12H26O5	001559-34-8	78
4	Ethanol, 2-[2-(2-butoxyethoxy)et...		206	C10H22O4	000143-22-6	72
5	Pentaethylene glycol		238	C10H22O6	004792-15-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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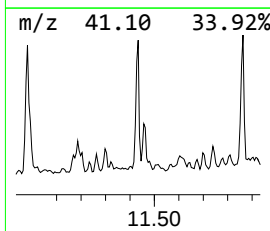
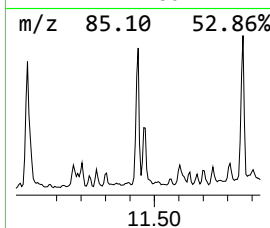
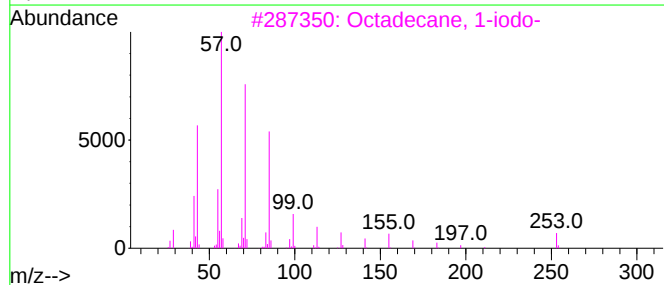
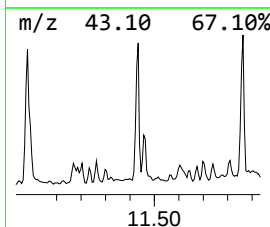
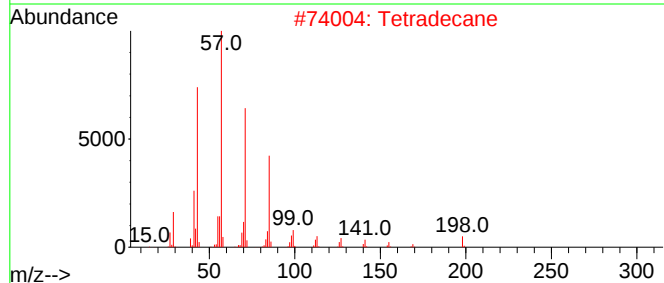
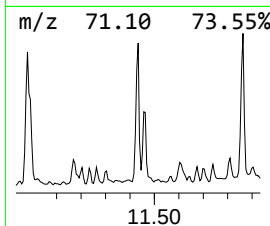
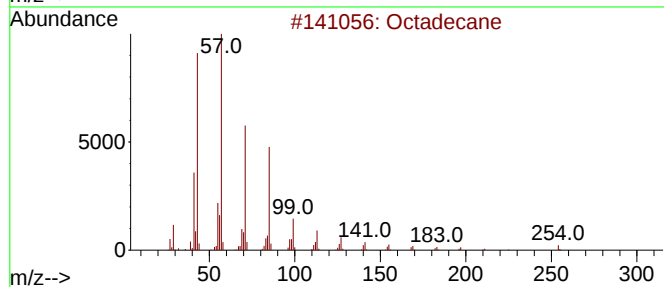
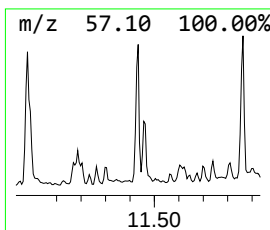
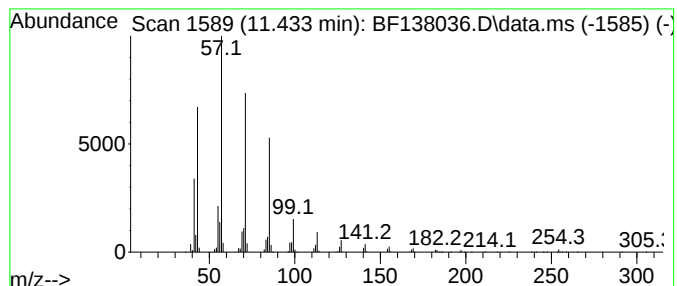
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	117.18 ng	3493960	Phenanthrene-d10	11.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Tetradecane	198	C14H30	000629-59-4	91
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
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Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

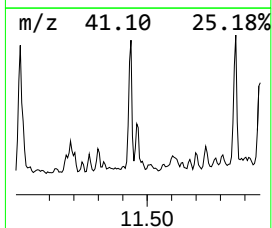
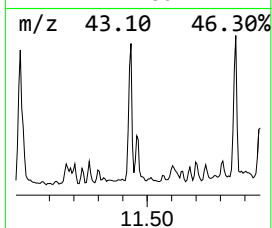
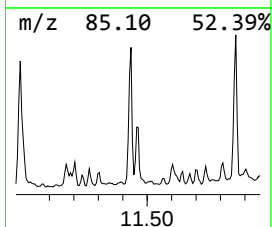
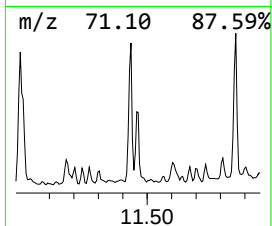
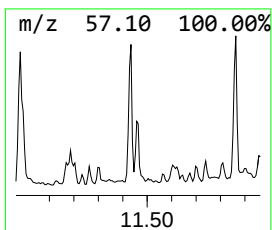
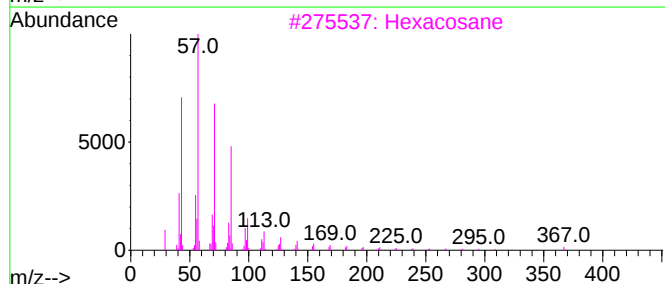
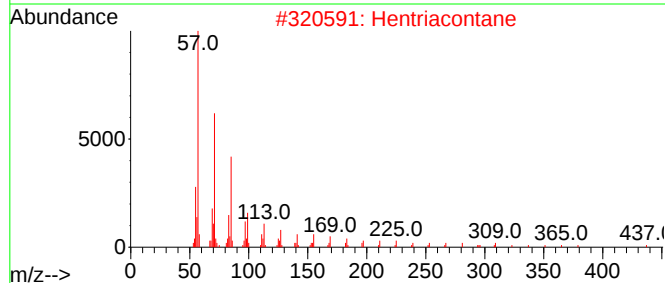
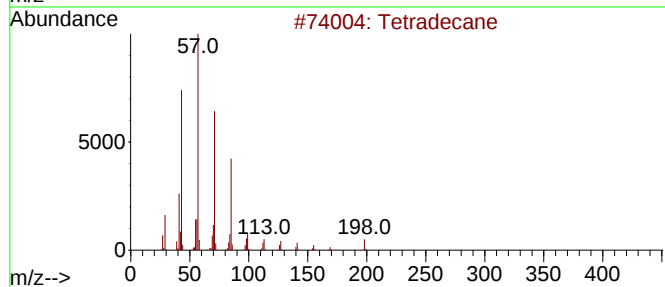
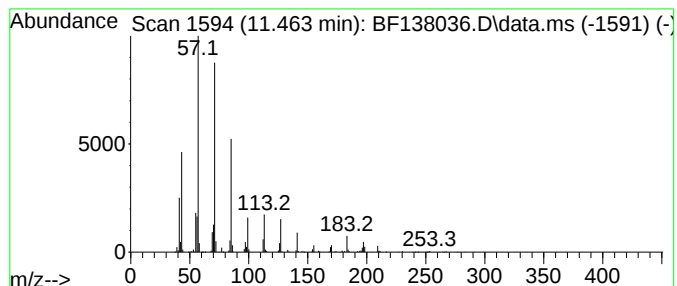
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hentriacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.463	47.59 ng	1419010	Phenanthrene-d10	11.586	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Hexacosane	366	C26H54	000630-01-3	83
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	78
5	Octadecane	254	C18H38	000593-45-3	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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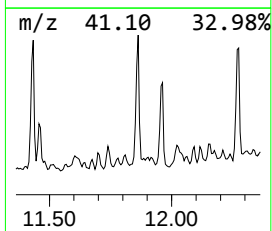
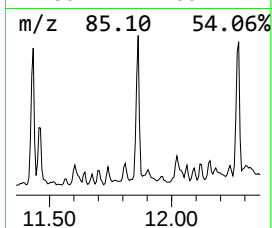
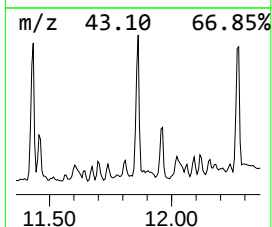
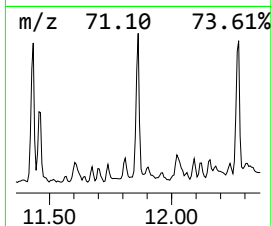
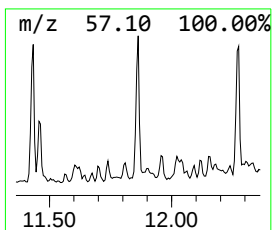
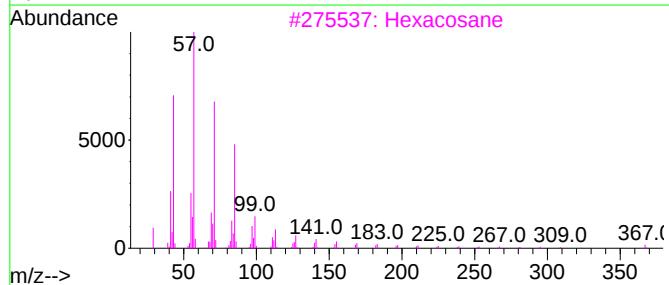
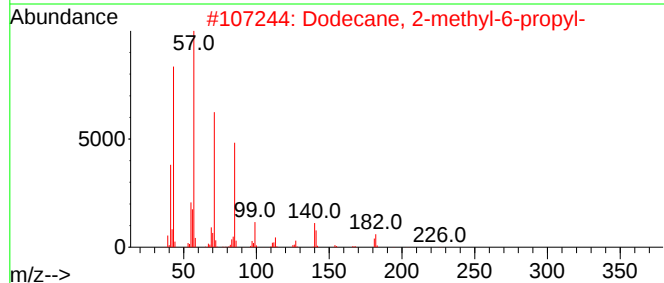
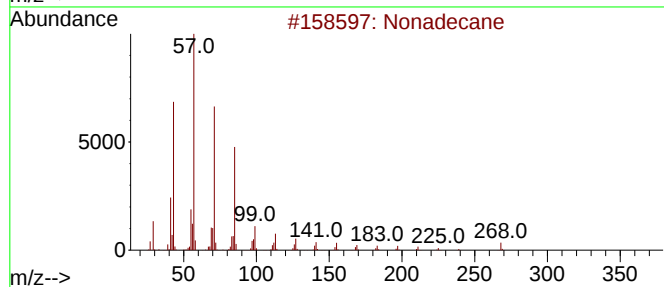
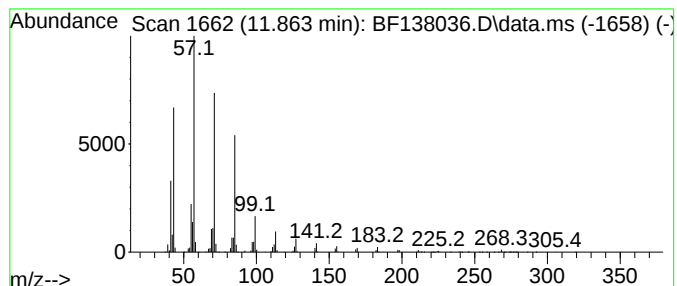
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2-methyl-6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	127.11 ng	3790000	Phenanthrene-d10	11.586

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	94
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
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Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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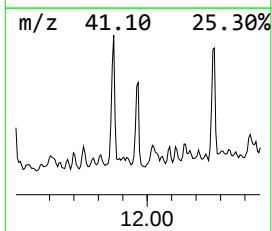
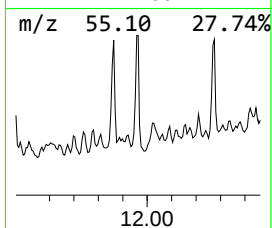
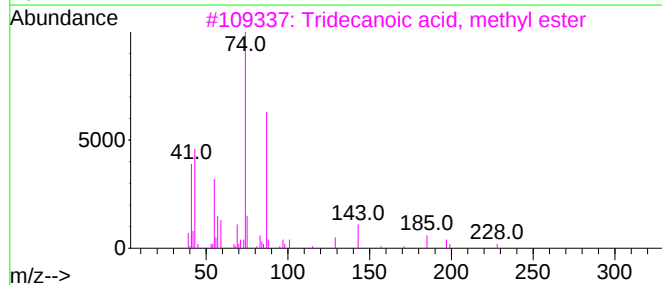
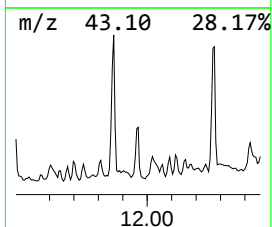
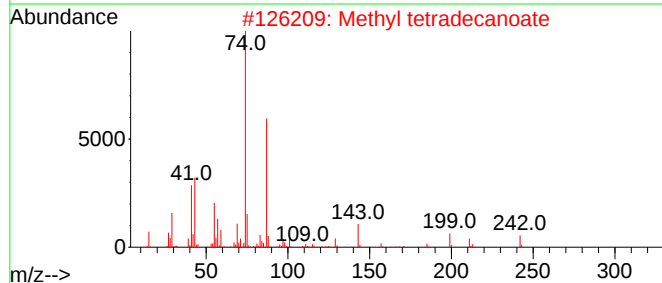
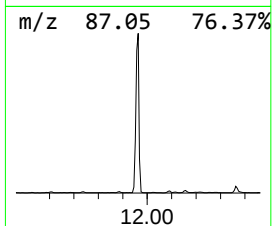
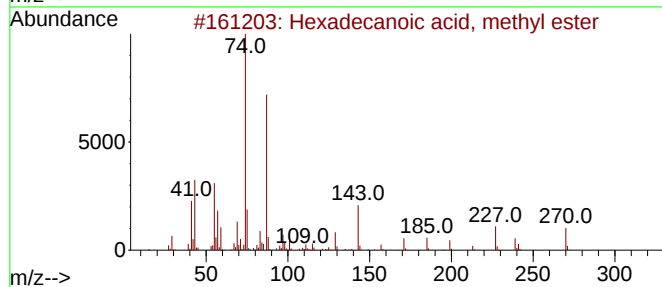
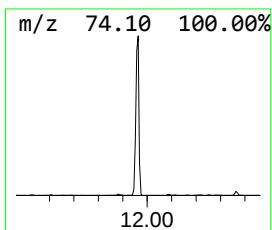
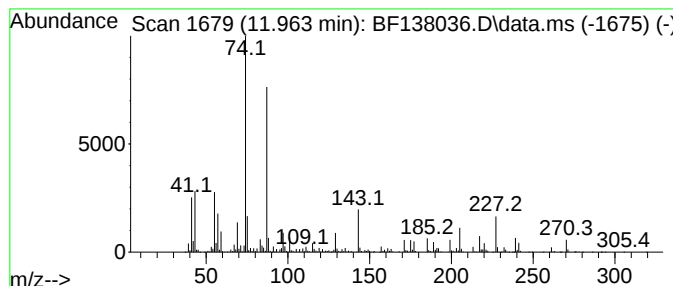
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	138.83 ng	4139490	Phenanthrene-d10	11.586

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

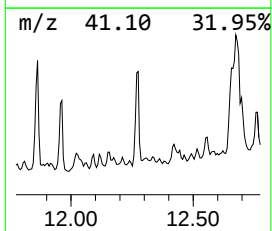
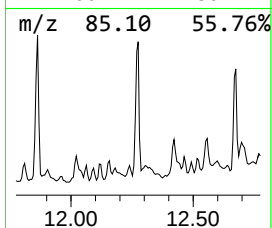
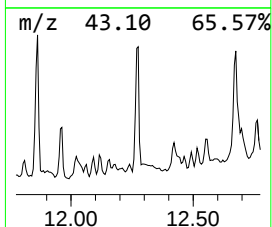
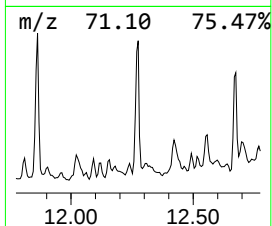
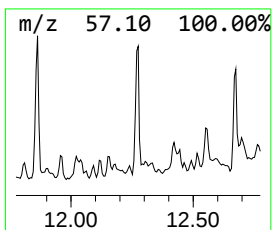
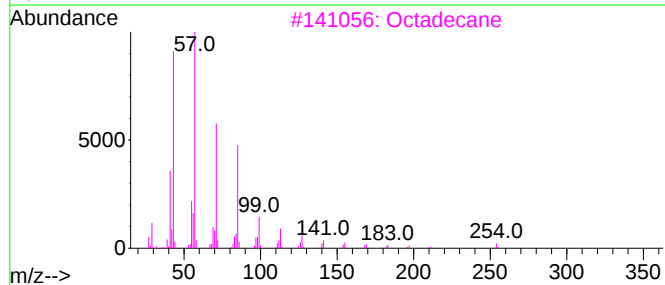
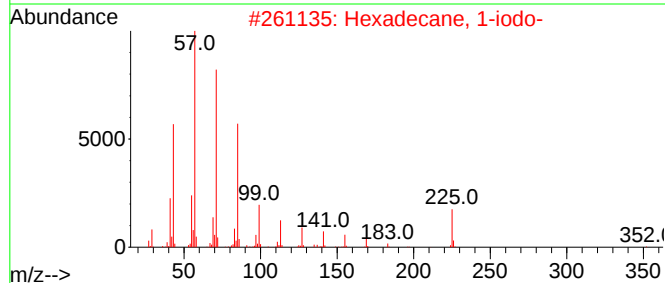
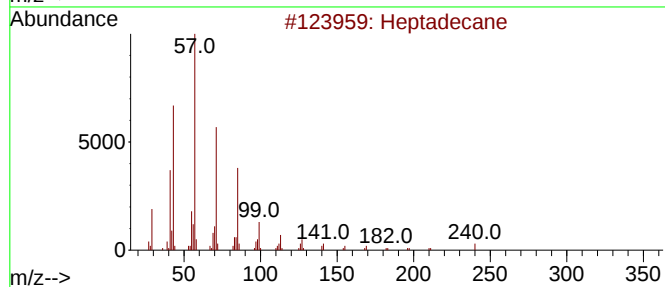
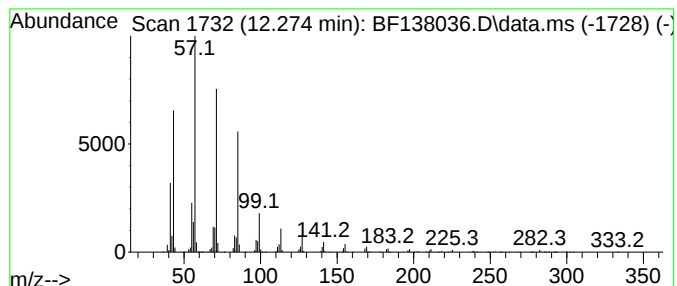
Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.275	137.94 ng	4112910	Phenanthrene-d10		11.586	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Nonadecane		268	C19H40	000629-92-5	91
5	Hexacosane		366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

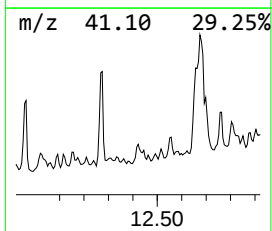
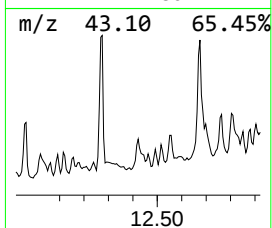
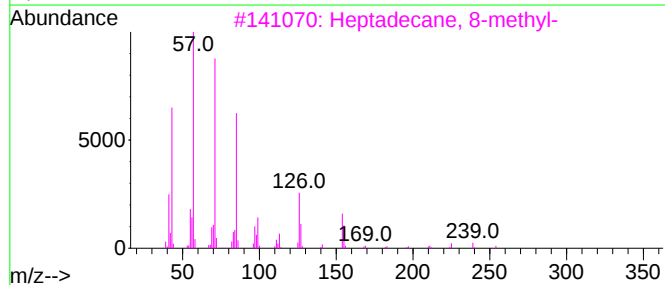
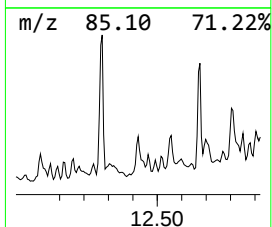
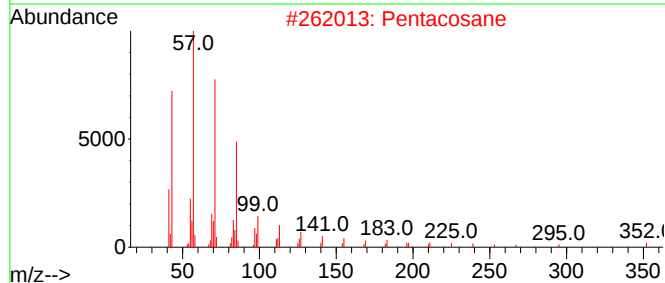
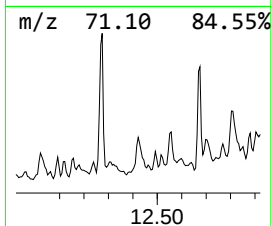
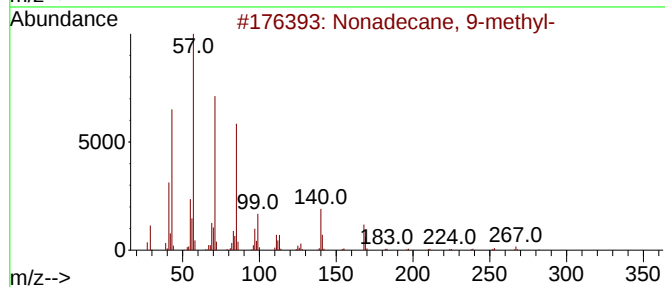
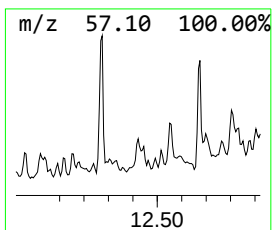
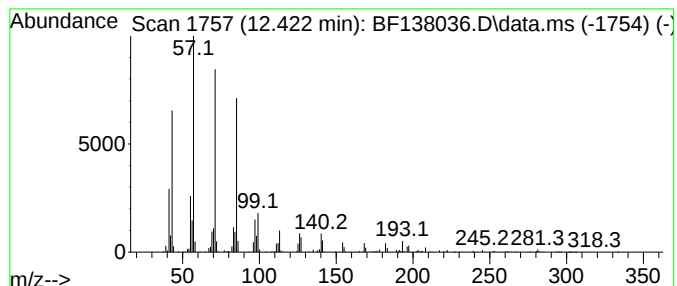
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	41.64 ng	1241670	Phenanthrene-d10	11.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2			Pentacosane	352	C25H52	000629-99-2	91
3			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

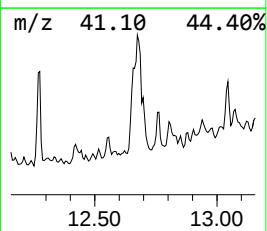
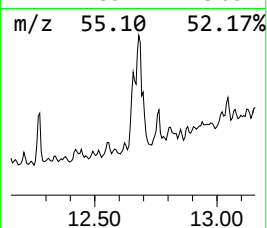
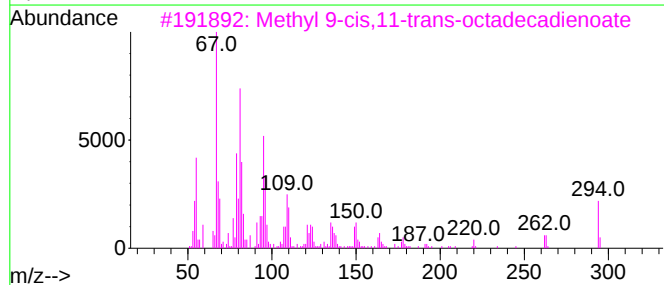
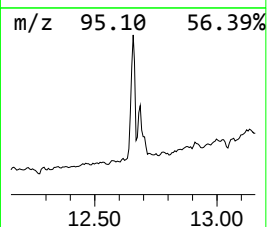
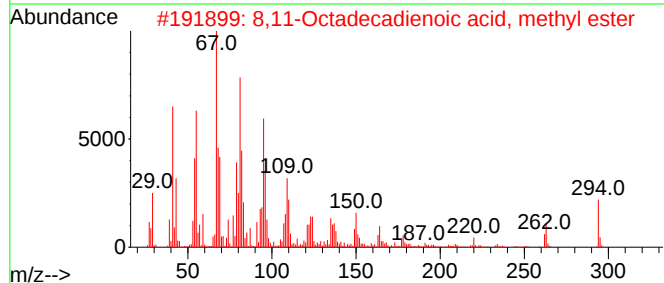
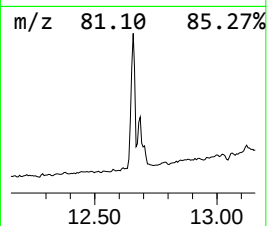
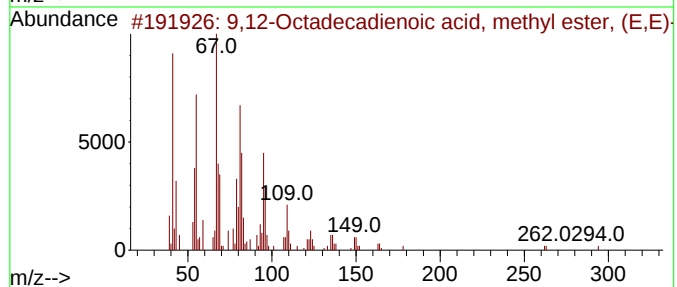
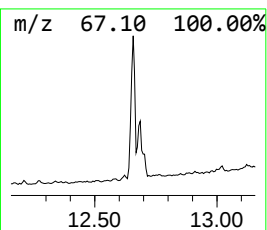
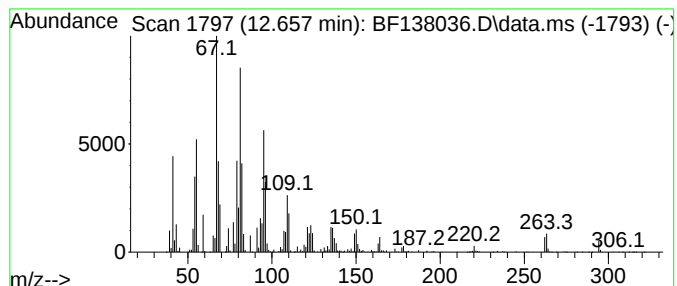
Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.657	235.24 ng	7014300	Phenanthrene-d10	11.586	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

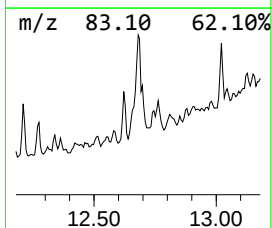
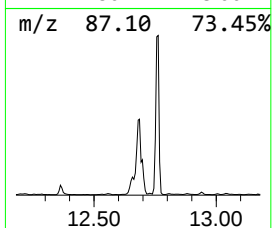
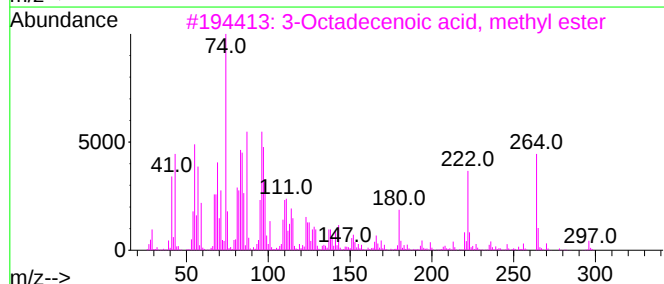
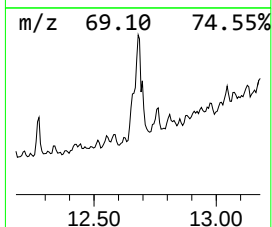
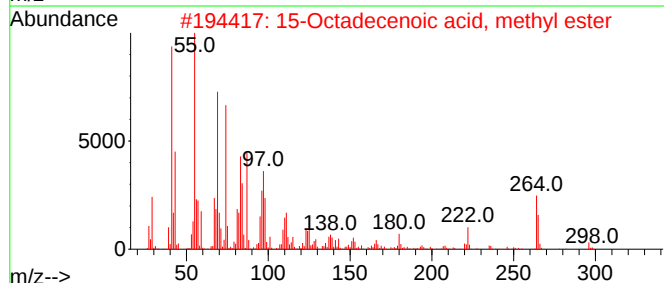
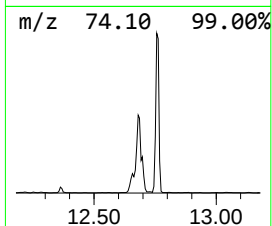
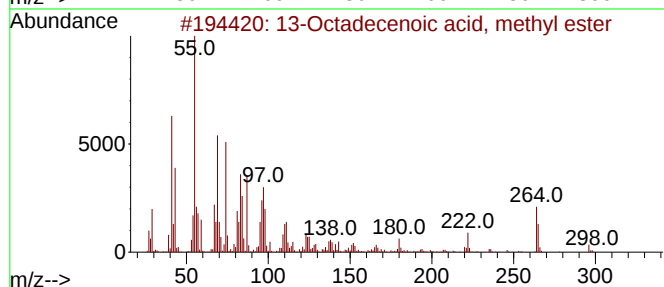
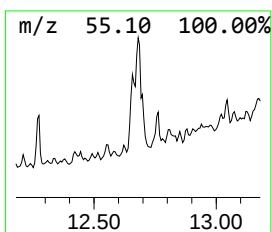
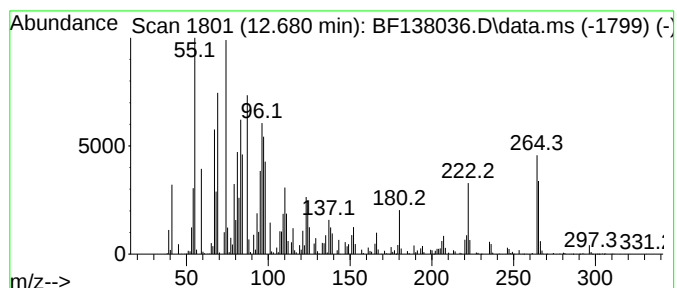
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 13-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.680	297.49 ng	8870260	Phenanthrene-d10		11.586	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
2		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
3		3-Octadecenoic acid, methyl ester	296	C19H36O2	056599-33-8	93
4		5-Octadecenoic acid, methyl ester	296	C19H36O2	056554-45-1	93
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138036.D
Acq On : 23 May 2024 19:31
Operator : CG\JU
Sample : P2558-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.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
Hexanoic acid, ...	7.775	42.6	ng	1698860	2	8.322	797967	20.0
Ethanol, 2-[2-(...	8.404	113.6	ng	4531410	2	8.322	797967	20.0
Tetradecane	9.469	72.3	ng	2063910	3	10.086	570650	20.0
Naphthalene, 2,...	9.739	54.0	ng	1540720	3	10.086	570650	20.0
Pentacosane	9.786	39.3	ng	1122130	3	10.086	570650	20.0
Ethanol, 2-[2-(...	9.839	138.2	ng	3943780	3	10.086	570650	20.0
Carbonic acid, ...	9.998	127.8	ng	3646360	3	10.086	570650	20.0
Naphthalene, 1,...	10.322	43.1	ng	1229470	3	10.086	570650	20.0
Hexadecane	10.504	112.2	ng	3200620	3	10.086	570650	20.0
Pentadecane, 2,...	10.722	59.0	ng	1683710	3	10.086	570650	20.0
Nonadecane	10.980	177.0	ng	5276770	4	11.586	596349	20.0
3,6,9,12,15-Pen...	11.186	62.2	ng	1853380	4	11.586	596349	20.0
Octadecane	11.433	117.2	ng	3493960	4	11.586	596349	20.0
Hentriacontane	11.463	47.6	ng	1419010	4	11.586	596349	20.0
Dodecane, 2-met...	11.863	127.1	ng	3790000	4	11.586	596349	20.0
Hexadecanoic ac...	11.963	138.8	ng	4139490	4	11.586	596349	20.0
Heptadecane	12.275	137.9	ng	4112910	4	11.586	596349	20.0
Nonadecane, 9-m...	12.422	41.6	ng	1241670	4	11.586	596349	20.0
9,12-Octadecadi...	12.657	235.2	ng	7014300	4	11.586	596349	20.0
13-Octadecenoic...	12.680	297.5	ng	8870260	4	11.586	596349	20.0