

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101890.D
 Acq On : 4 Jan 2018 14:59
 Operator : SJ/JU
 Sample : J1011-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-A

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.987	489	493	507	rBV	91125	181815	1.21%	0.215%
2	5.404	561	564	579	rBV	613767	1302212	8.69%	1.541%
3	5.651	603	606	618	rVB	374783	368109	2.46%	0.436%
4	5.992	659	664	671	rBV3	216520	341783	2.28%	0.404%
5	6.186	692	697	700	rBV	144212	177107	1.18%	0.210%
6	6.245	705	707	710	rVB	265647	211132	1.41%	0.250%
7	6.281	710	713	718	rBV2	506725	650040	4.34%	0.769%
8	6.339	721	723	725	rVB	257369	190670	1.27%	0.226%
9	6.428	735	738	745	rBV2	759527	1403272	9.37%	1.660%
10	6.551	756	759	762	rBV	1093568	1242463	8.30%	1.470%
11	6.586	762	765	772	rVB	2358312	2115016	14.12%	2.503%
12	6.769	792	796	801	rBV2	885908	1012402	6.76%	1.198%
13	6.898	815	818	820	rBV	348940	350713	2.34%	0.415%
14	6.928	820	823	829	rVB	943622	1123649	7.50%	1.330%
15	7.028	834	840	843	rBV3	466472	749547	5.00%	0.887%
16	7.057	843	845	847	rVB	384739	277171	1.85%	0.328%
17	7.086	847	850	855	rBV2	684204	822456	5.49%	0.973%
18	7.139	855	859	871	rVB3	534112	953481	6.37%	1.128%
19	7.228	871	874	876	rBV	269982	239978	1.60%	0.284%
20	7.298	883	886	889	rVB2	371276	372695	2.49%	0.441%
21	7.351	889	895	899	rBV2	2687965	2765855	18.47%	3.273%
22	7.404	899	904	907	rVB5	259802	366441	2.45%	0.434%
23	7.451	907	912	919	rBV5	201692	380832	2.54%	0.451%
24	7.533	923	926	928	rBV	330296	252477	1.69%	0.299%
25	7.563	928	931	933	rVB	424848	347833	2.32%	0.412%
26	7.657	940	947	949	rBV5	320106	560159	3.74%	0.663%
27	7.722	952	958	960	rVV3	477427	600160	4.01%	0.710%
28	7.751	960	963	966	rVV2	325971	316776	2.11%	0.375%
29	7.786	966	969	972	rVV2	844804	845351	5.64%	1.000%
30	7.828	974	976	978	rVB	434085	312307	2.09%	0.370%
31	7.857	978	981	984	rBV3	242288	305440	2.04%	0.361%
32	7.910	988	990	993	rVB	217997	196918	1.31%	0.233%
33	8.022	1005	1009	1012	rVV	2211786	2242555	14.97%	2.654%
34	8.051	1012	1014	1019	rVV	1055531	1263828	8.44%	1.495%

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35	8.092	1019	1021	1024	rVB	950563	814135	5.44%	0.963%
36	8.127	1024	1027	1034	rVB4	239170	431982	2.88%	0.511%
37	8.192	1034	1038	1040	rBV3	147340	212072	1.42%	0.251%
38	8.239	1043	1046	1049	rVV3	290671	291335	1.95%	0.345%
39	8.327	1058	1061	1066	rVV4	631276	814539	5.44%	0.964%
40	8.375	1067	1069	1071	rVV2	282649	277398	1.85%	0.328%
41	8.410	1073	1075	1078	rVV	437025	424966	2.84%	0.503%
42	8.451	1080	1082	1085	rVV	882705	736803	4.92%	0.872%
43	8.480	1085	1087	1091	rVB4	180823	204088	1.36%	0.241%
44	8.545	1095	1098	1101	rBV2	474341	496512	3.31%	0.588%
45	8.627	1108	1112	1116	rVV	2205736	1893381	12.64%	2.240%
46	8.663	1116	1118	1121	rVV4	164924	264444	1.77%	0.313%
47	8.710	1123	1126	1132	rVB3	328961	499937	3.34%	0.592%
48	8.869	1150	1153	1157	rBV3	438193	483462	3.23%	0.572%
49	8.904	1157	1159	1161	rBV2	297225	279240	1.86%	0.330%
50	8.986	1170	1173	1176	rBV	504302	467144	3.12%	0.553%
51	9.027	1178	1180	1182	rVV	350652	276406	1.85%	0.327%
52	9.051	1182	1184	1187	rVV	559258	496285	3.31%	0.587%
53	9.122	1193	1196	1200	rVV	1341092	1191358	7.95%	1.410%
54	9.192	1204	1208	1211	rBV	1895299	1663386	11.11%	1.968%
55	9.233	1212	1215	1217	rVV3	213677	242283	1.62%	0.287%
56	9.269	1218	1221	1224	rVV3	272559	276749	1.85%	0.327%
57	9.445	1246	1251	1252	rVV3	199040	264342	1.76%	0.313%
58	9.463	1252	1254	1258	rVV4	236144	260419	1.74%	0.308%
59	9.504	1258	1261	1264	rVV3	498604	688236	4.60%	0.814%
60	9.527	1264	1265	1270	rVV4	329784	284585	1.90%	0.337%
61	9.722	1295	1298	1301	rVB	1352991	1194892	7.98%	1.414%
62	9.804	1309	1312	1317	rVV2	912609	961247	6.42%	1.137%
63	9.857	1317	1321	1325	rVB6	111616	188809	1.26%	0.223%
64	9.951	1334	1337	1339	rVV2	143002	187038	1.25%	0.221%
65	10.039	1349	1352	1356	rVV2	259052	375255	2.51%	0.444%
66	10.216	1379	1382	1385	rVV	1285923	1052745	7.03%	1.246%
67	10.433	1414	1419	1422	rBV	407467	519245	3.47%	0.614%
68	10.521	1431	1434	1437	rBV3	207228	204671	1.37%	0.242%
69	10.610	1445	1449	1455	rBV	413236	531424	3.55%	0.629%
70	10.686	1459	1462	1467	rBV	986814	1078538	7.20%	1.276%
71	11.133	1535	1538	1541	rBV	741092	660998	4.41%	0.782%

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72	11.163	1541	1543	1550	rVB	292862	322733	2.15%	0.382%
73	11.304	1563	1567	1573	rBV	661082	772264	5.16%	0.914%
74	11.563	1608	1611	1614	rBV	635108	510327	3.41%	0.604%
75	11.592	1614	1616	1621	rVV2	184411	173833	1.16%	0.206%
76	11.680	1625	1631	1634	rVV	4913061	6800003	45.40%	8.046%
77	11.821	1652	1655	1659	rBV	319990	334716	2.23%	0.396%
78	11.968	1677	1680	1682	rBV	469714	375755	2.51%	0.445%
79	12.392	1741	1752	1753	rBV3	4991632	14977848	100.00%	17.723%
80	12.468	1761	1765	1768	rVB	3806540	3703405	24.73%	4.382%
81	12.515	1768	1773	1774	rBV	906909	1187885	7.93%	1.406%
82	12.533	1774	1776	1782	rVV3	1177350	1378006	9.20%	1.631%
83	12.598	1785	1787	1800	rVB	338588	432414	2.89%	0.512%
84	12.727	1807	1809	1812	rBV	206142	187113	1.25%	0.221%
85	12.880	1832	1835	1839	rVB	855580	687401	4.59%	0.813%
86	13.104	1871	1873	1882	rVB	437417	532876	3.56%	0.631%
87	13.180	1883	1886	1890	rBV	590573	561948	3.75%	0.665%
88	13.298	1902	1906	1911	rBV5	114767	183817	1.23%	0.218%
89	13.351	1911	1915	1924	rVB6	139340	330924	2.21%	0.392%
90	13.427	1925	1928	1935	rVB	153209	173998	1.16%	0.206%
91	13.621	1957	1961	1965	rVB3	156561	225359	1.50%	0.267%
92	13.851	1996	2000	2005	rBV	619779	550037	3.67%	0.651%
93	13.957	2014	2018	2022	rBV	708871	721540	4.82%	0.854%
94	14.368	2084	2088	2095	rBV2	249078	388502	2.59%	0.460%
95	14.468	2102	2105	2109	rBV2	262436	253630	1.69%	0.300%
96	14.798	2156	2161	2171	rVB	894292	1229330	8.21%	1.455%
97	14.992	2191	2194	2204	rBV2	158698	260816	1.74%	0.309%
98	15.421	2263	2267	2275	rBV	521269	708796	4.73%	0.839%
99	15.768	2323	2326	2332	rVB	147738	197428	1.32%	0.234%
100	16.021	2365	2369	2379	rVB2	154795	316912	2.12%	0.375%

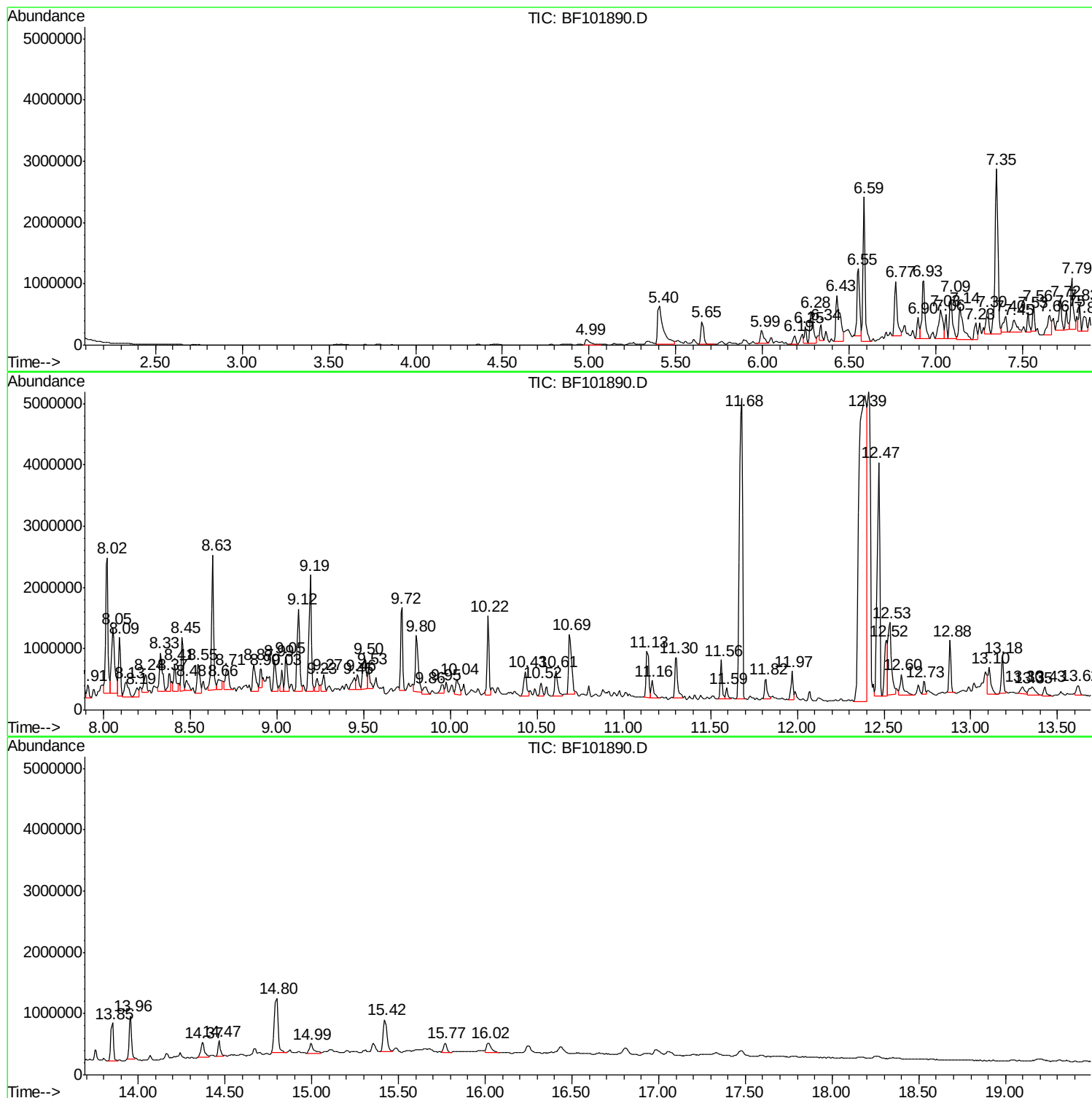
Sum of corrected areas: 84512608

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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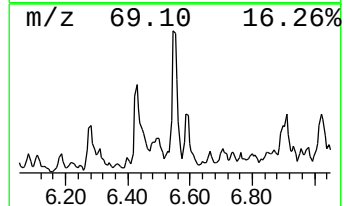
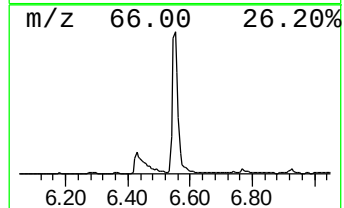
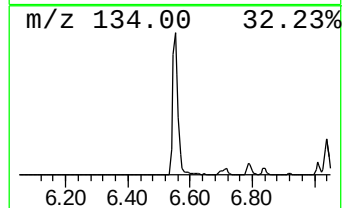
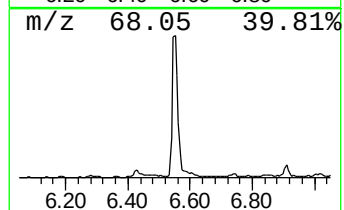
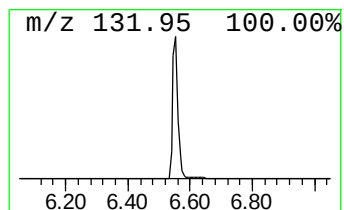
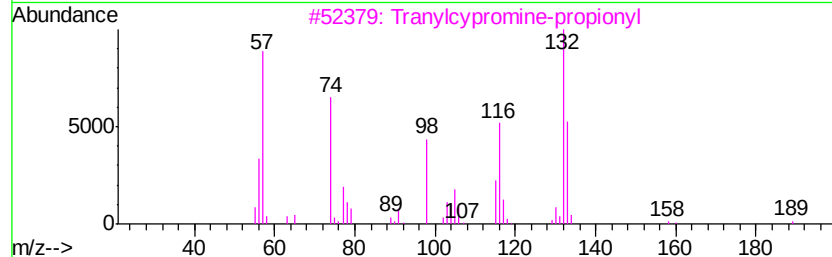
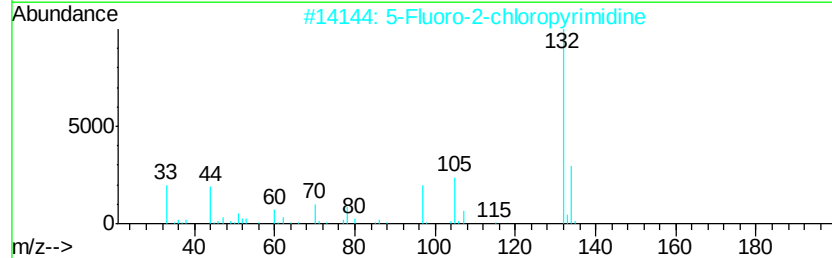
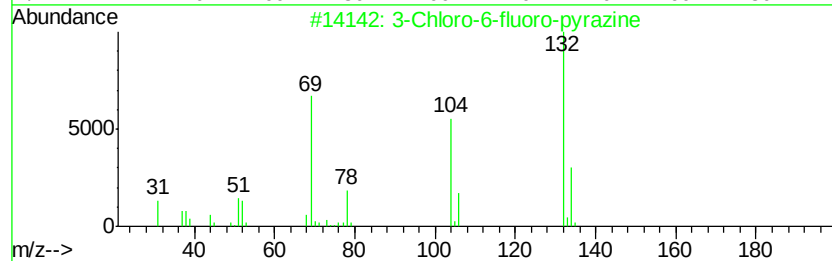
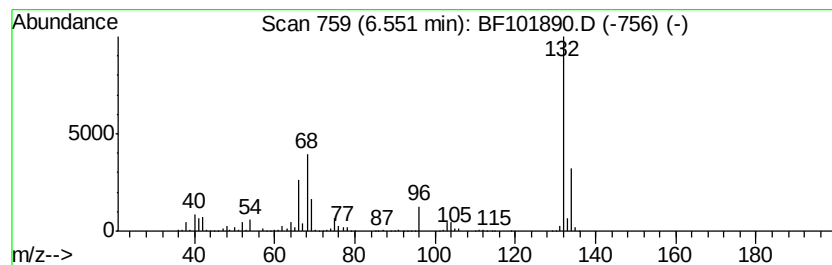
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.55 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	24.54 ng	1242460	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		2H-Cyclopentadlpvridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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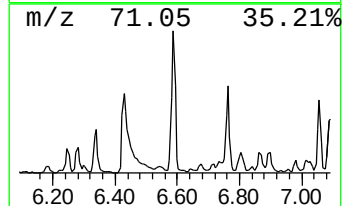
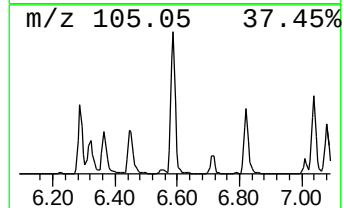
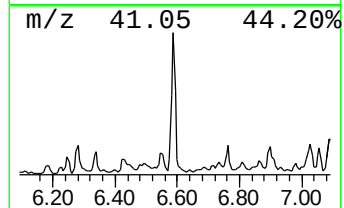
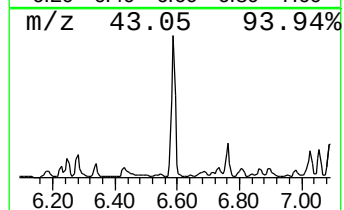
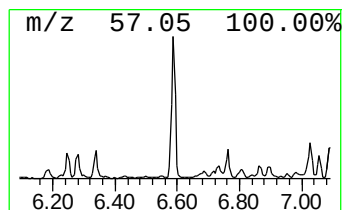
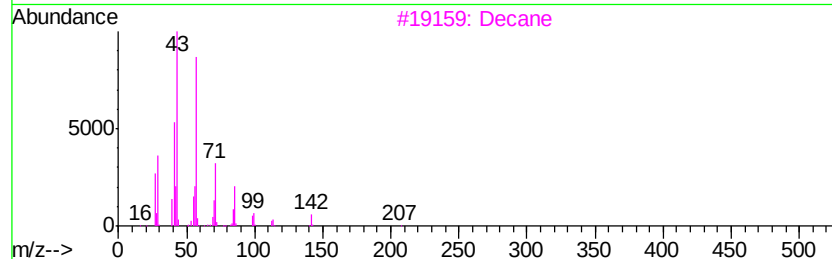
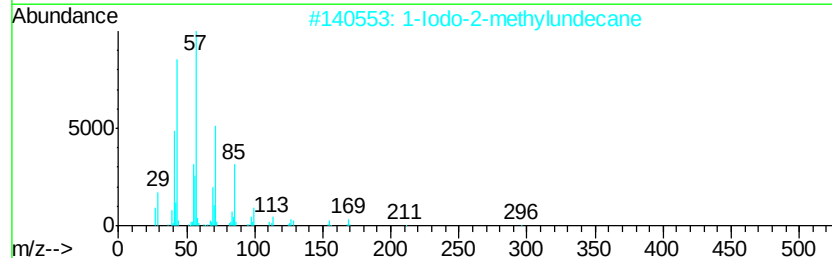
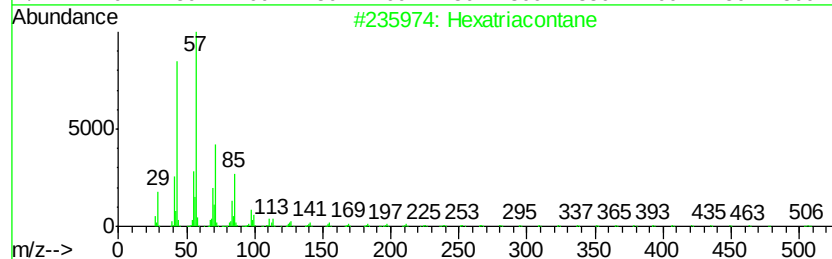
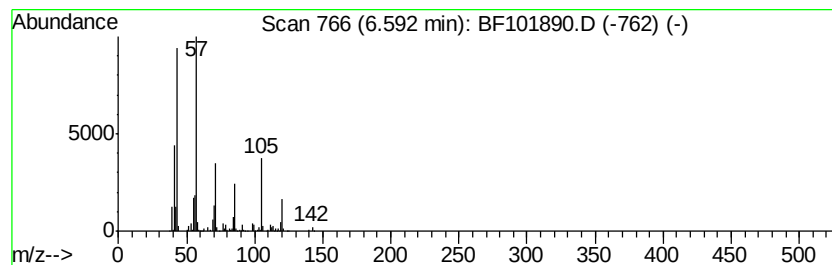
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexatriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	41.78 ng	2115020	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexatriacontane	507	C36H74	000630-06-8	59
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53
3			Decane	142	C10H22	000124-18-5	52
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50
5			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50



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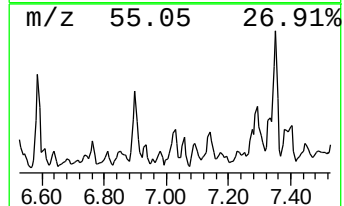
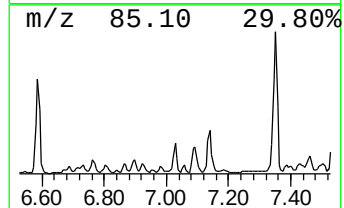
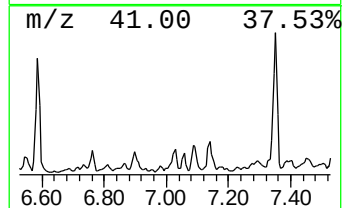
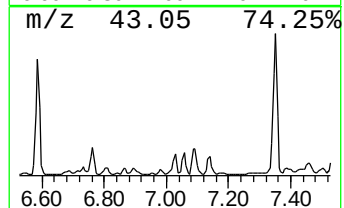
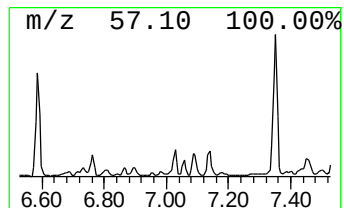
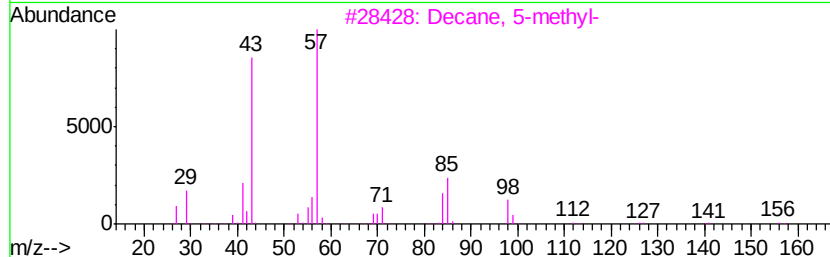
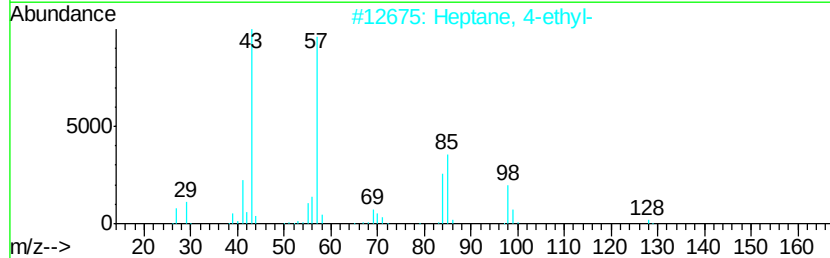
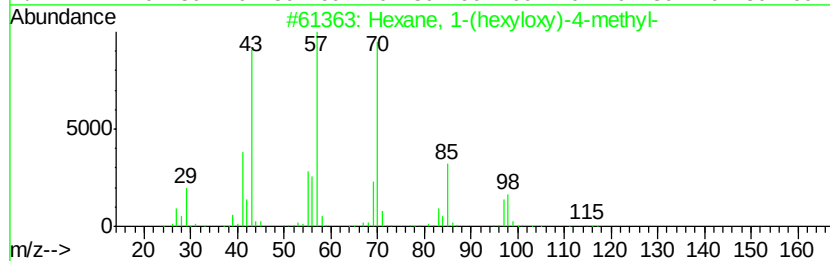
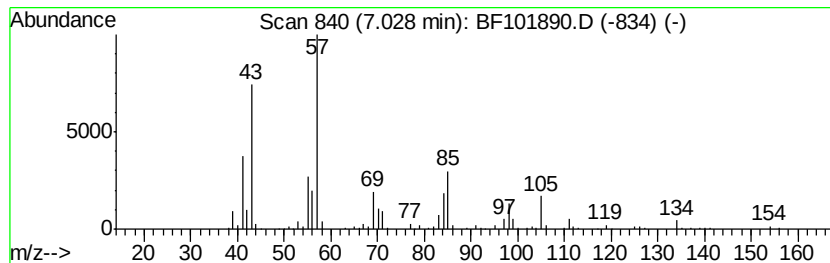
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexane, 1-(hexyloxy)-4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	14.81 ng	749547	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	53
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
3		Decane, 5-methyl-	156	C11H24	013151-35-4	47
4		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	47
5		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-A

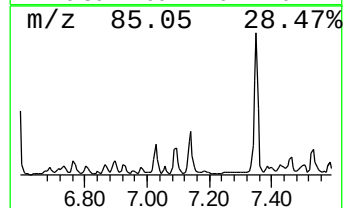
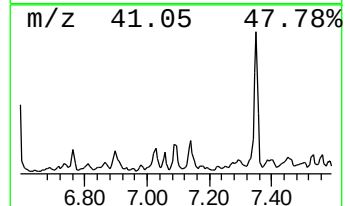
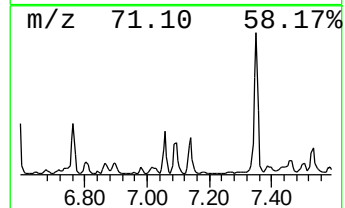
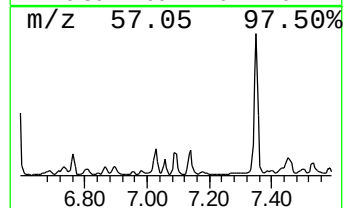
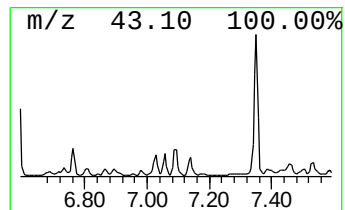
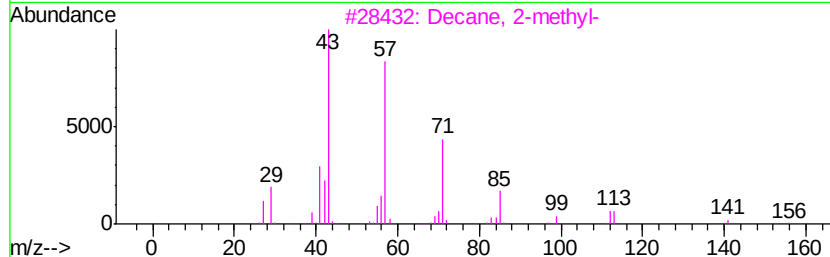
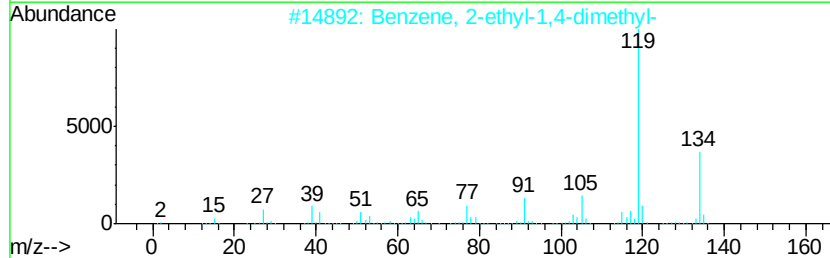
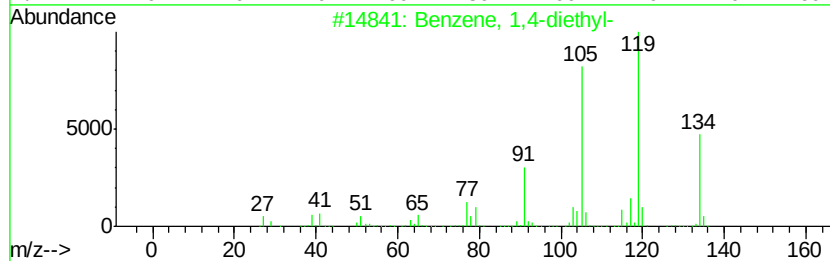
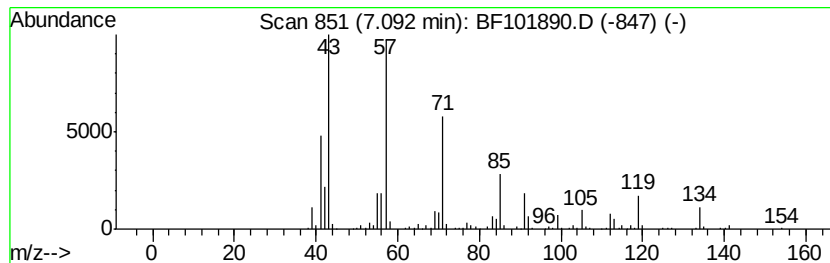
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	16.25 ng	822456	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	42
3		Decane, 2-methyl-	156	C11H24	006975-98-0	41
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	41
5		o-Cymene	134	C10H14	000527-84-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
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Acq On : 4 Jan 2018 14:59
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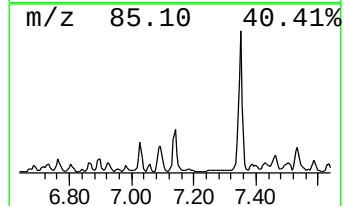
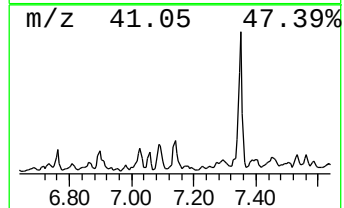
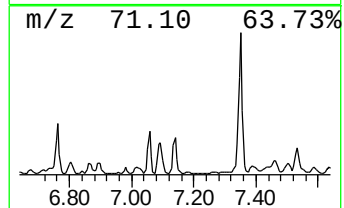
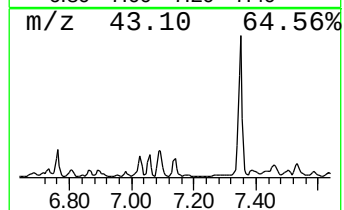
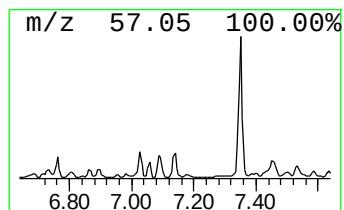
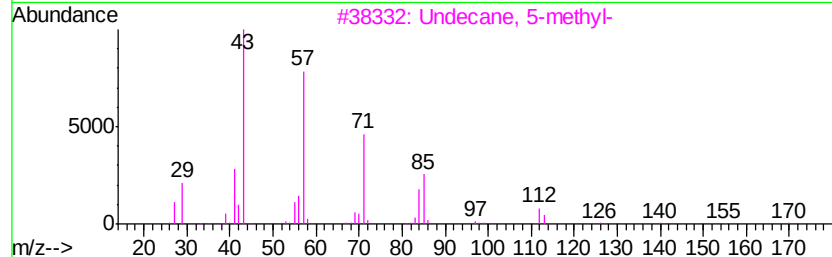
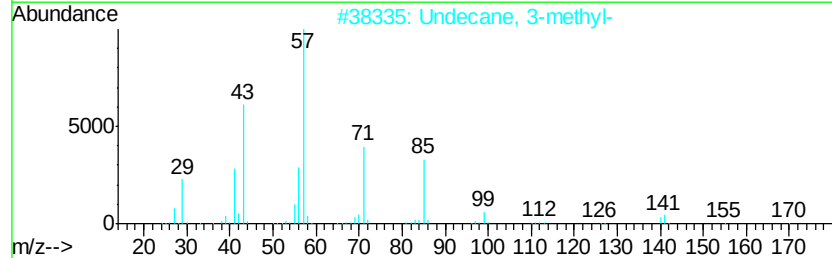
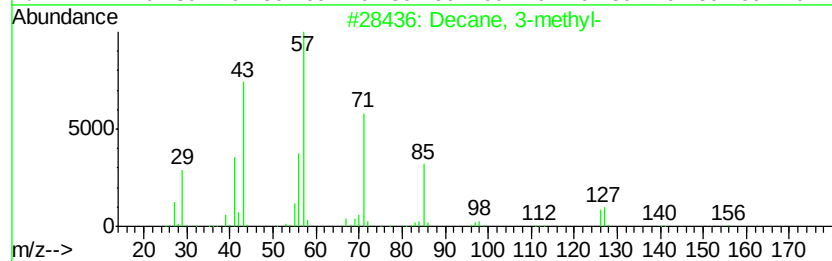
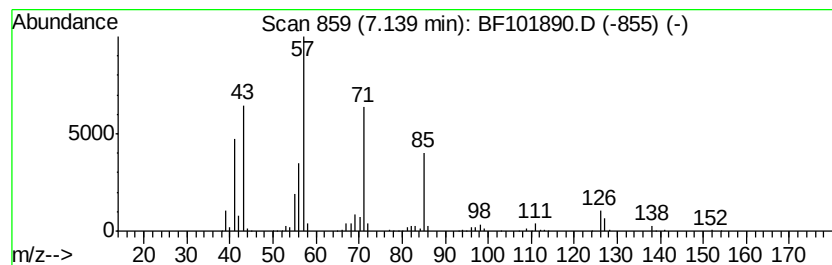
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	18.84 ng	953481	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	78
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	59
4		Heptacosane	380	C27H56	000593-49-7	59
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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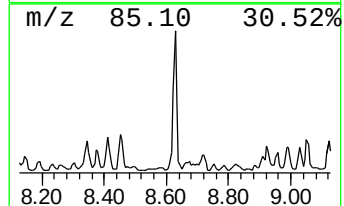
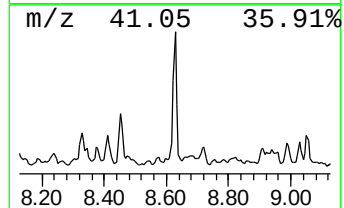
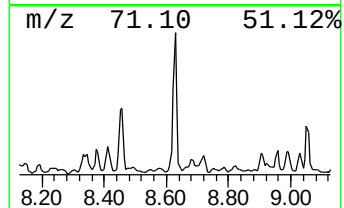
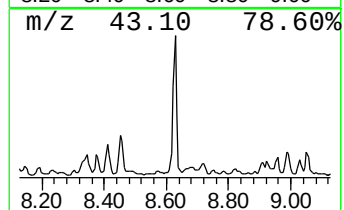
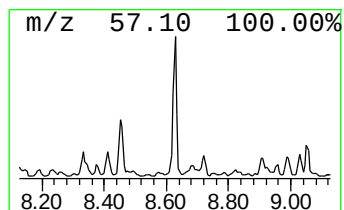
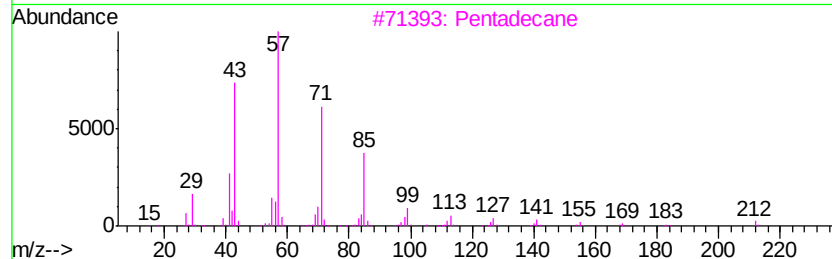
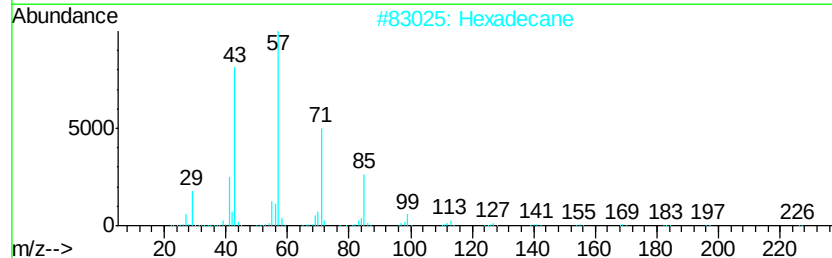
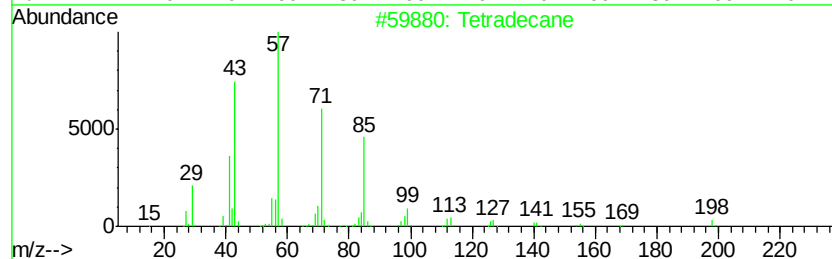
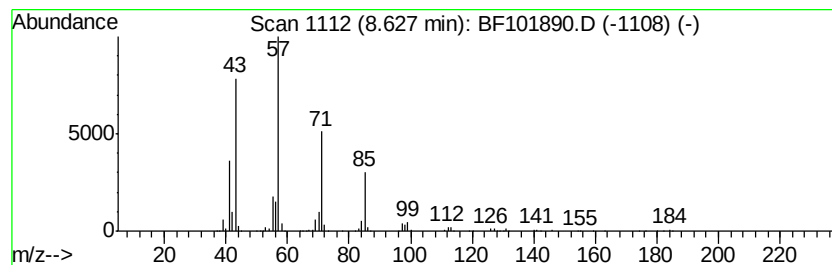
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	29.96 ng	1893380	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Pentadecane	212	C15H32	000629-62-9	78
4		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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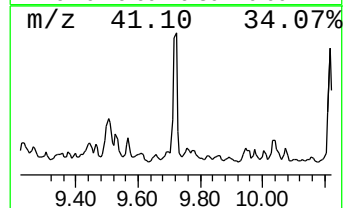
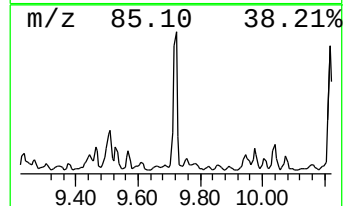
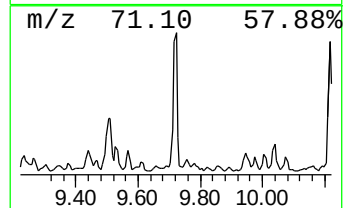
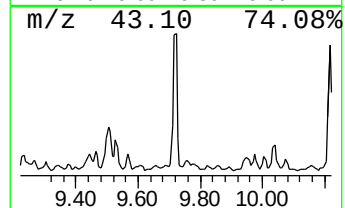
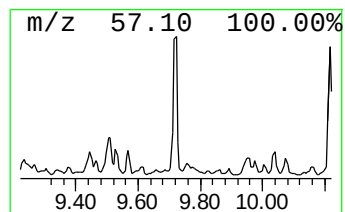
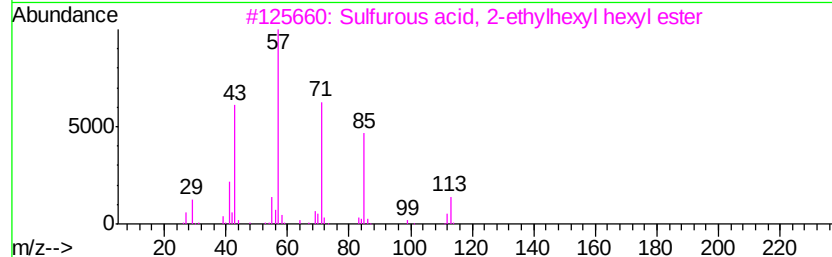
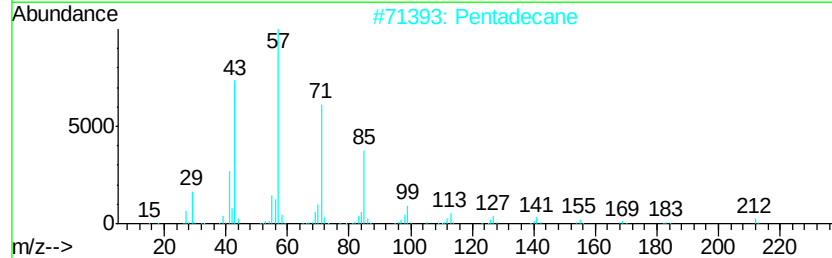
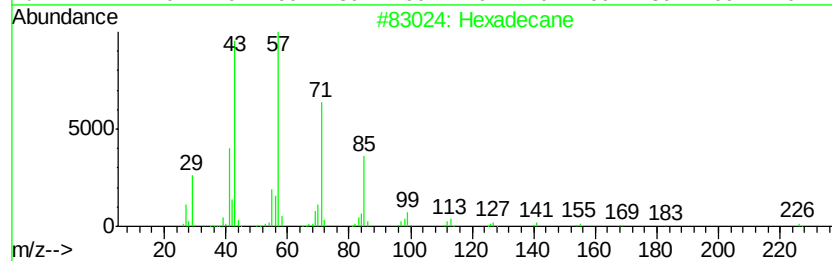
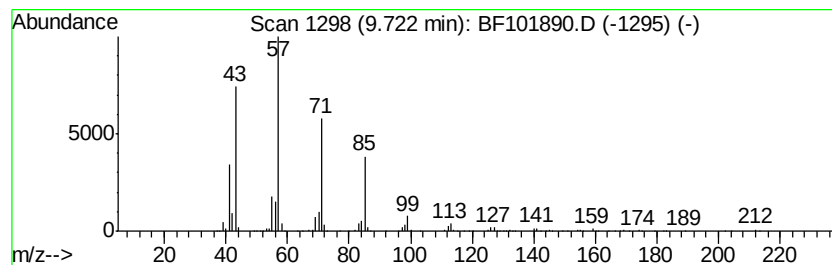
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	24.86 ng	1194890	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Pentadecane		212	C15H32	000629-62-9	86
3	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	78
4	Tridecane		184	C13H28	000629-50-5	78
5	Tetradecane		198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
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Misc :
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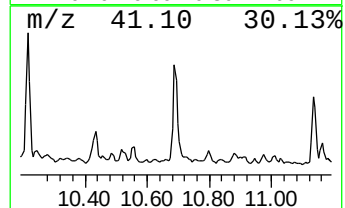
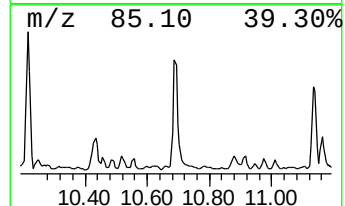
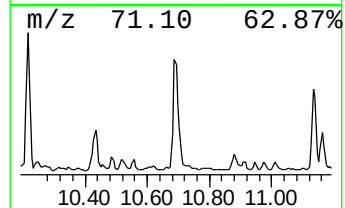
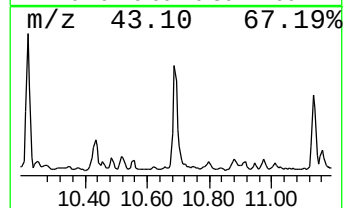
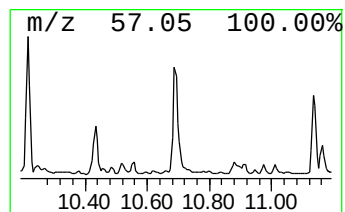
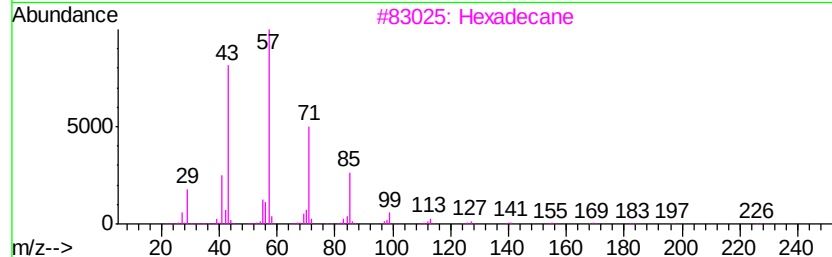
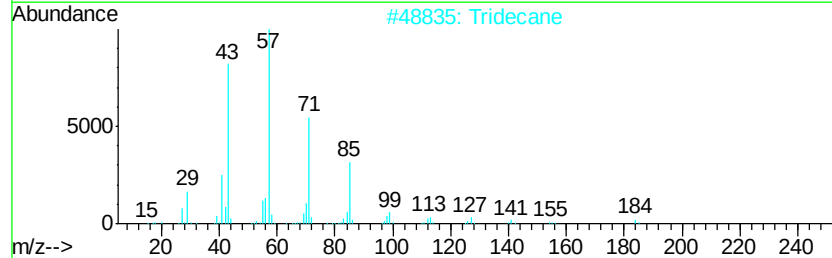
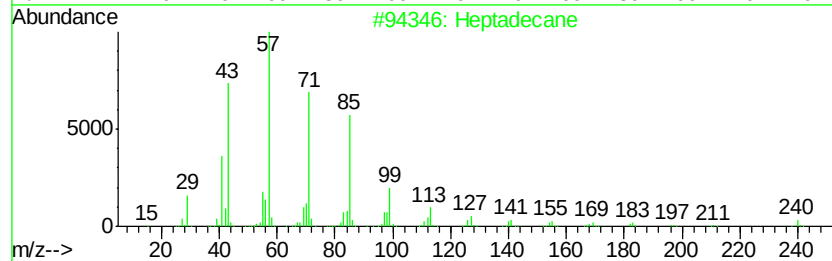
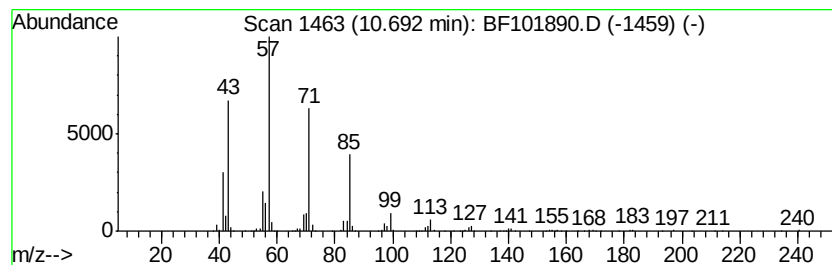
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	27.93 ng	1078540	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	83
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
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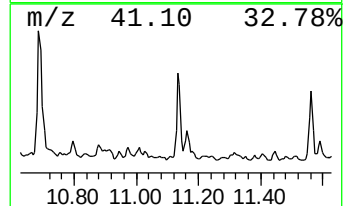
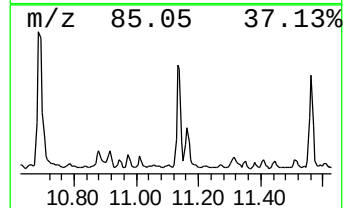
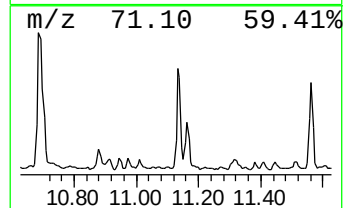
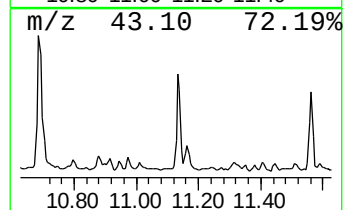
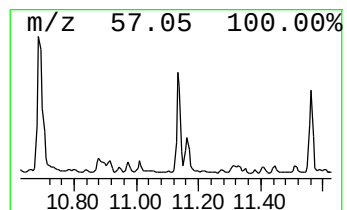
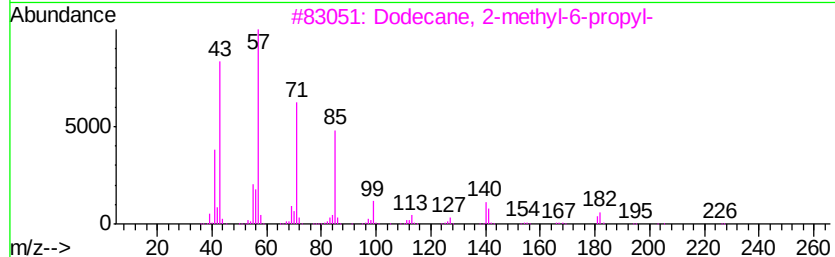
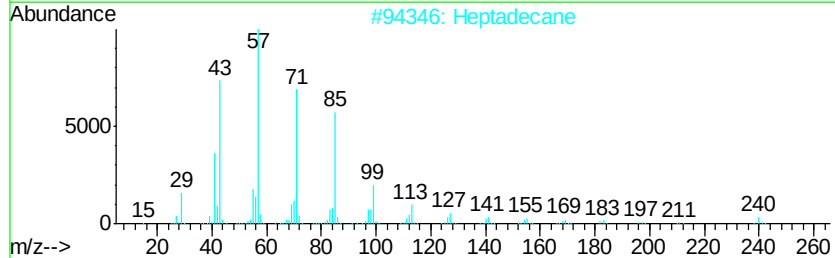
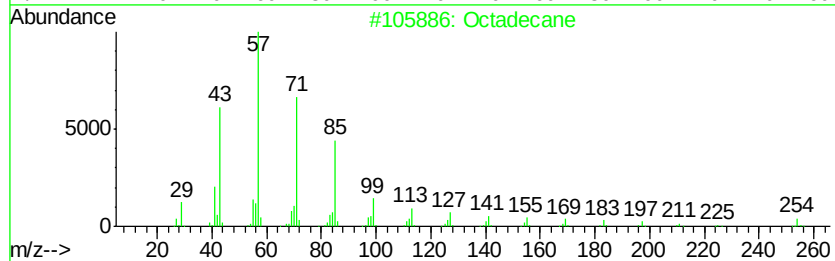
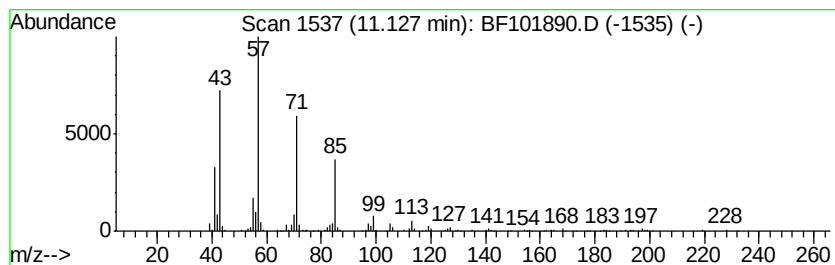
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	17.12 ng	660998	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane	240	C17H36	000629-78-7	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Tetradecane	198	C14H30	000629-59-4	76
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
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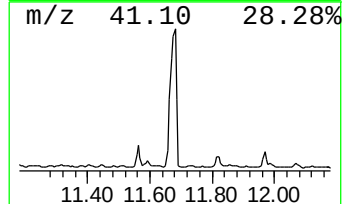
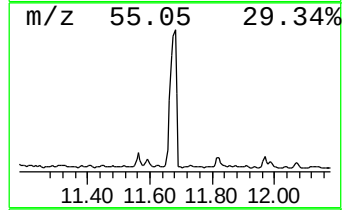
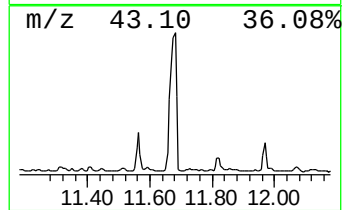
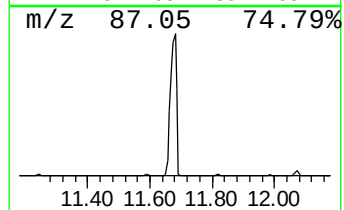
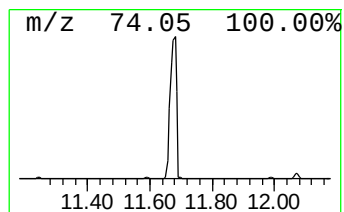
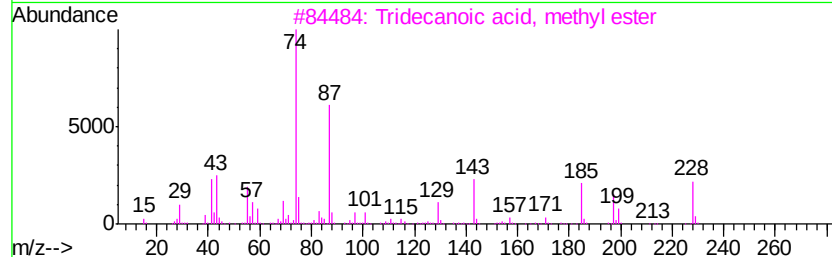
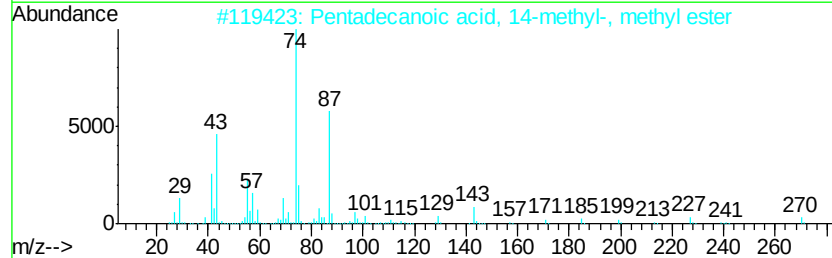
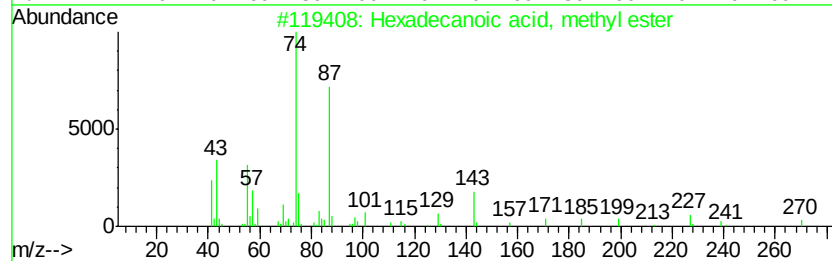
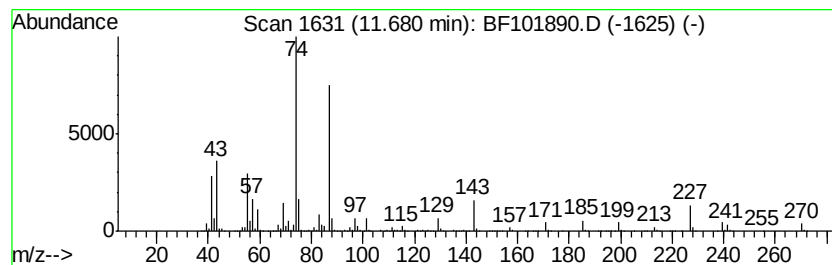
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	176.11 ng	6800000	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-A

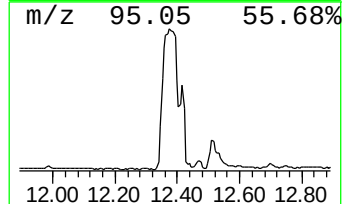
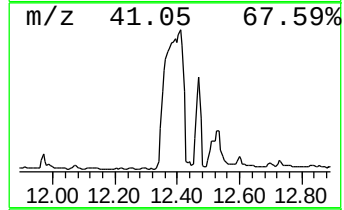
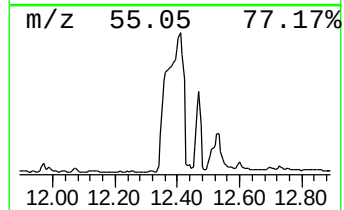
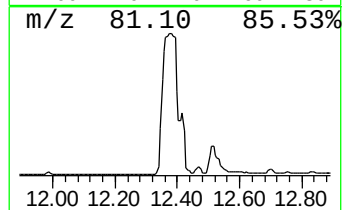
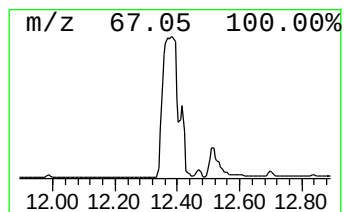
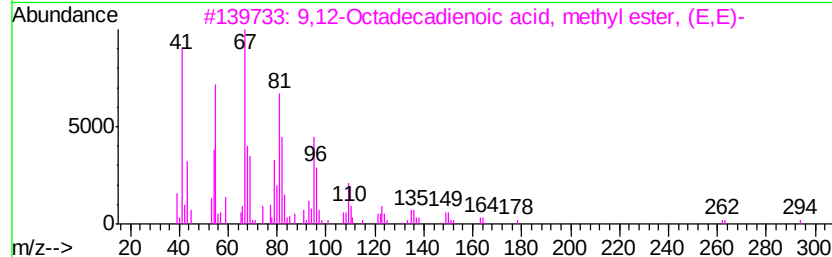
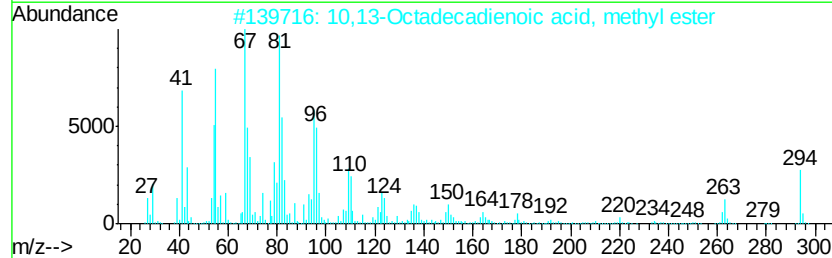
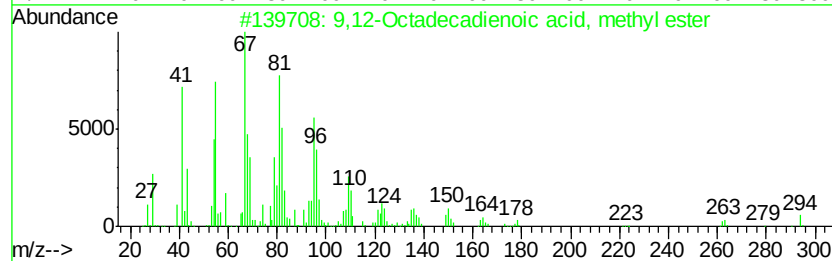
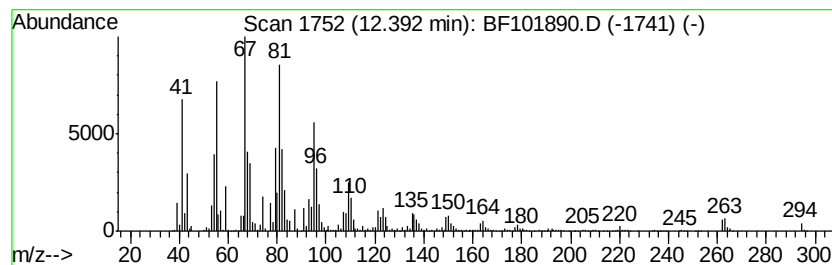
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	387.90 ng	14977800	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010318-A

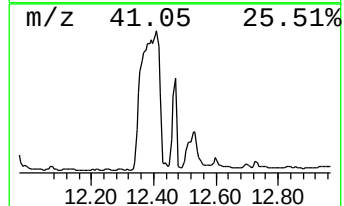
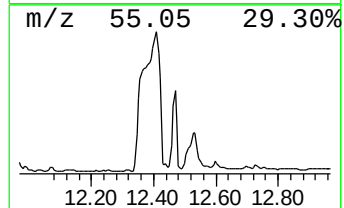
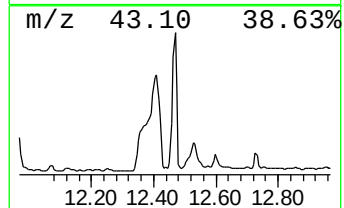
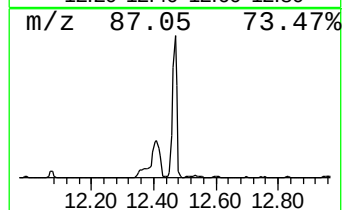
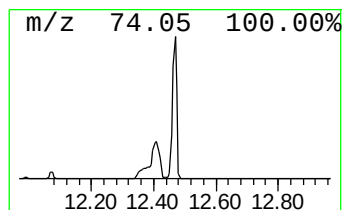
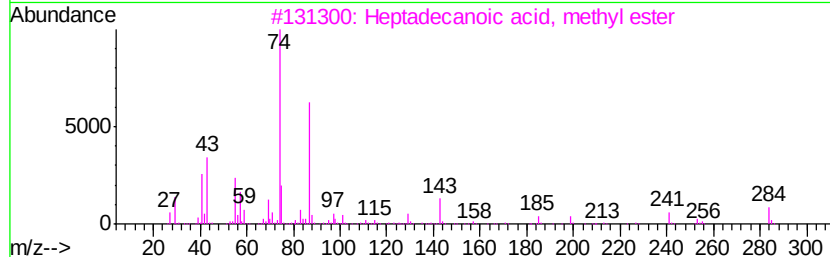
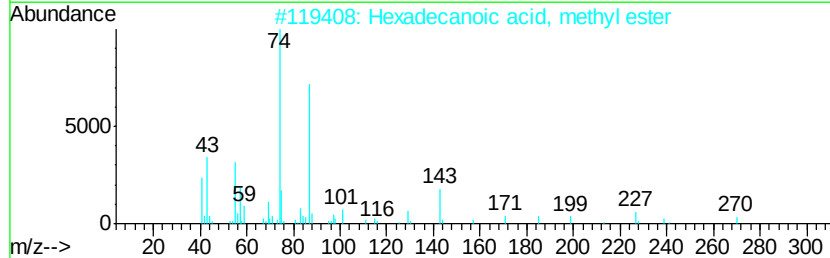
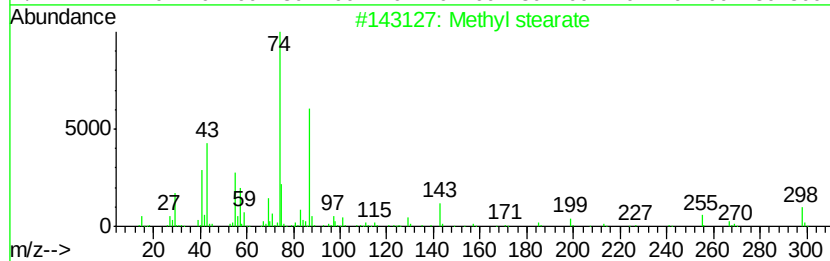
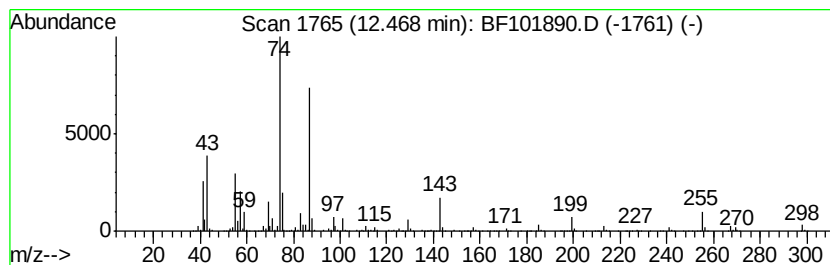
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	95.91 ng	3703410	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl stearate	298	C19H38O2	000112-61-8	97
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
3		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-A

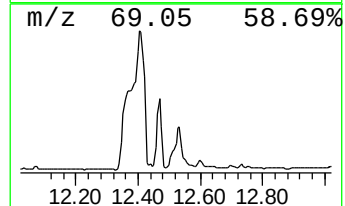
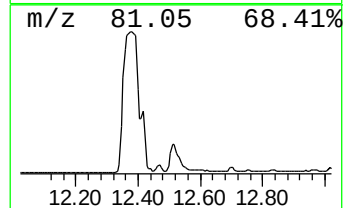
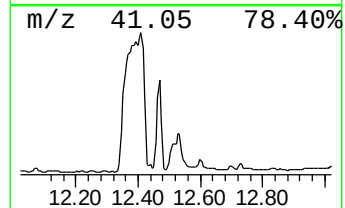
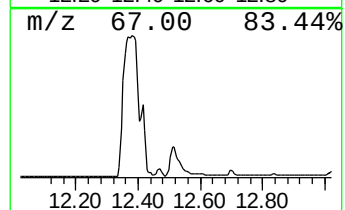
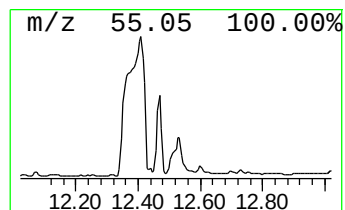
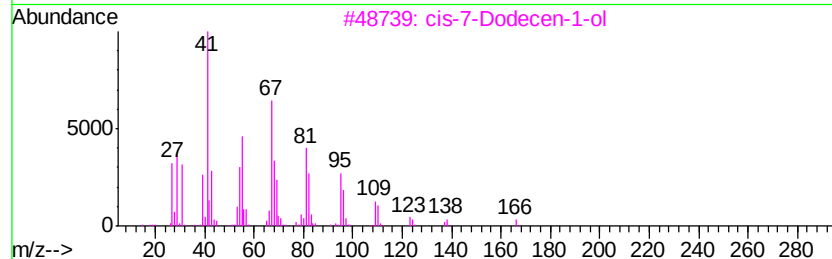
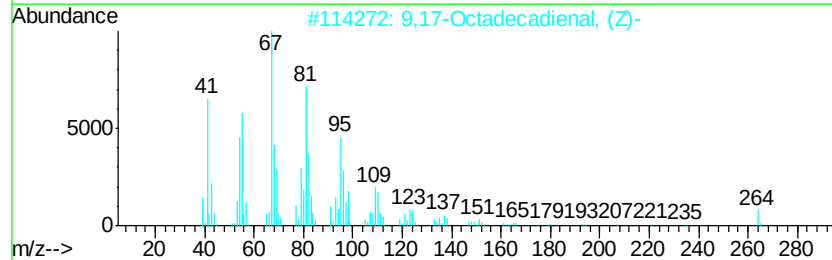
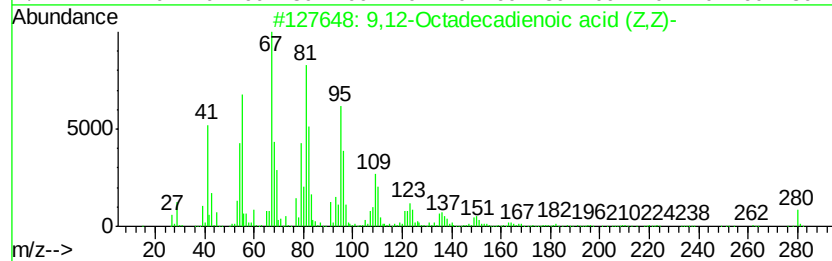
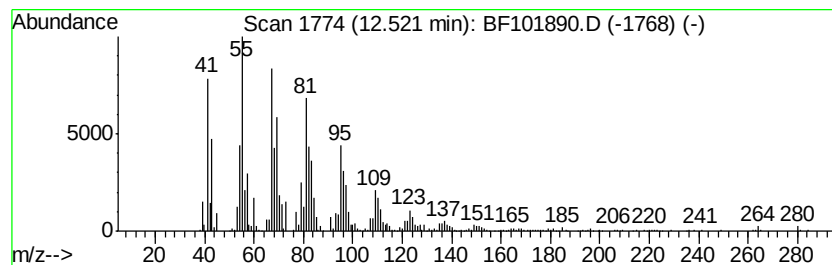
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	30.76 ng	1187890	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2		9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	95
3		cis-7-Dodecen-1-ol	184	C12H24O	020056-92-2	90
4		7-Hexadecyne	222	C16H30	074685-28-2	87
5		1-Tridecyne	180	C13H24	026186-02-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-010318-A

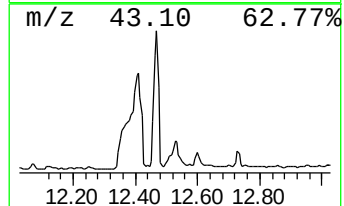
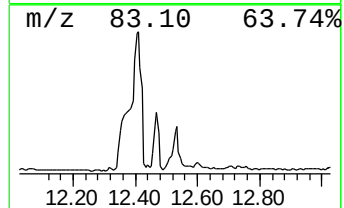
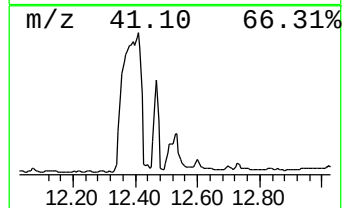
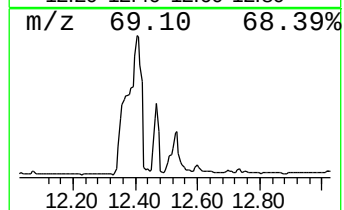
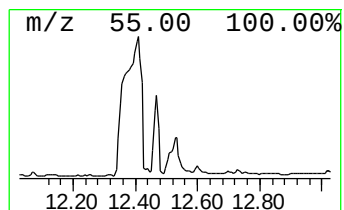
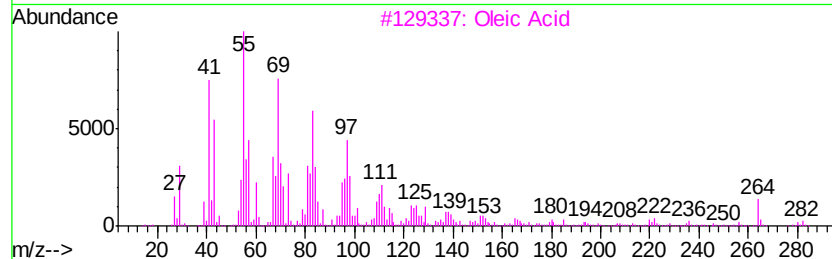
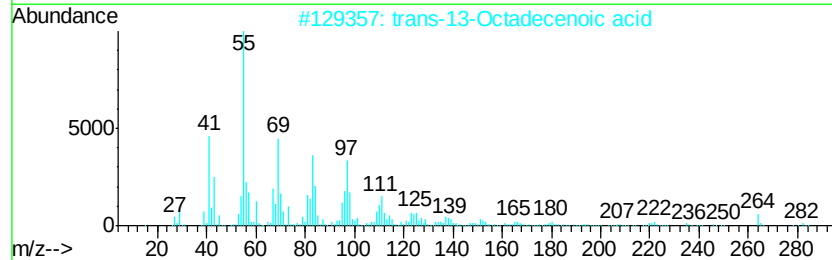
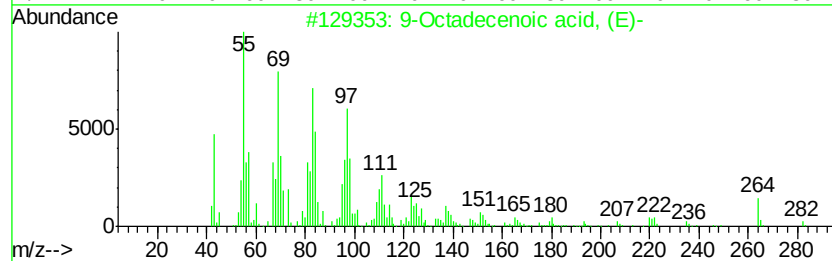
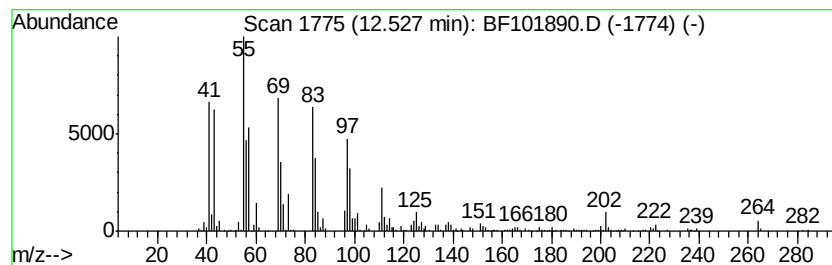
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	35.69 ng	1378010	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	89
2			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	78
3			Oleic Acid	282	C18H34O2	000112-80-1	76
4			Cyclotetradecane	196	C14H28	000295-17-0	64
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
Data File : BF01890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010318-A

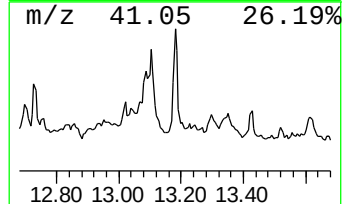
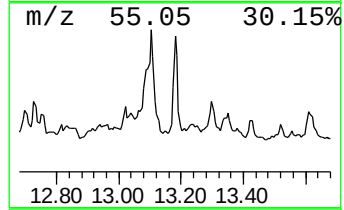
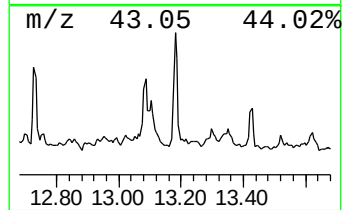
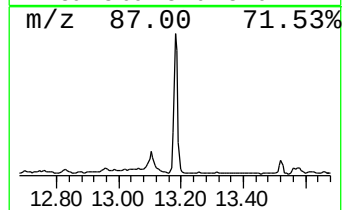
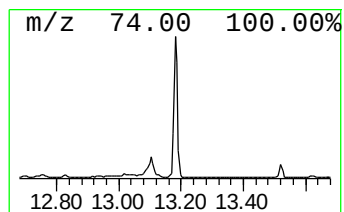
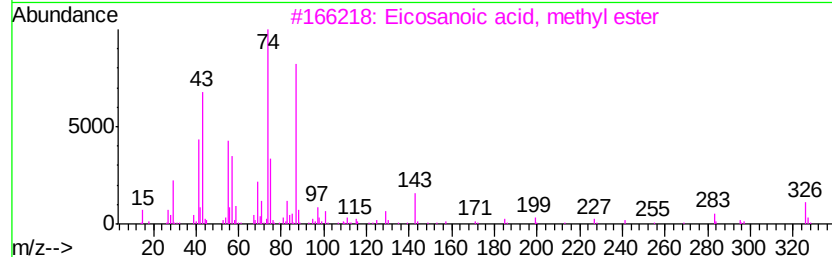
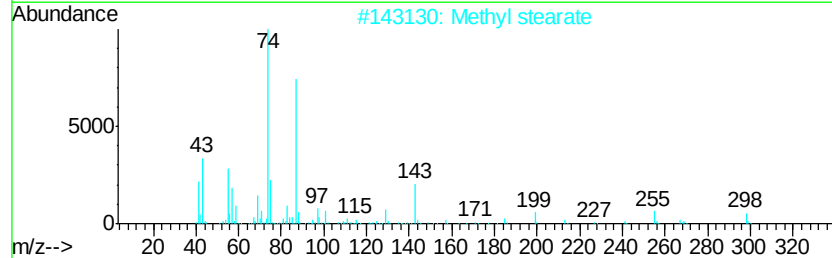
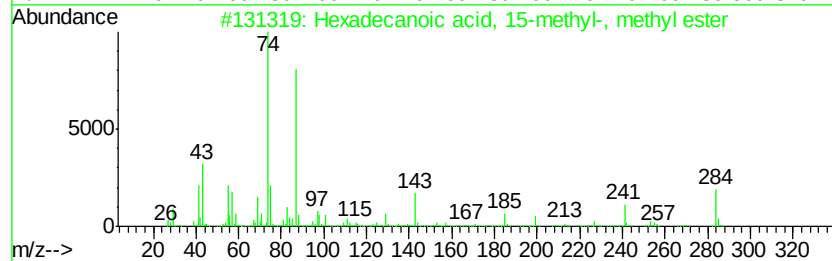
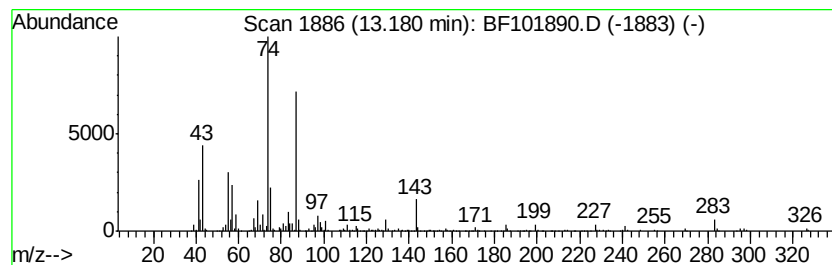
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, 15-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	15.58 ng	561948	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	97
2		Methyl stearate	298	C19H38O2	000112-61-8	96
3		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
4		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
5		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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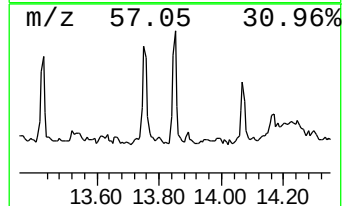
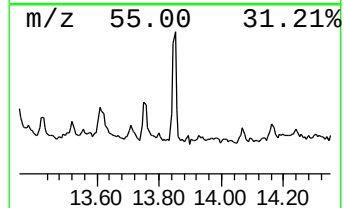
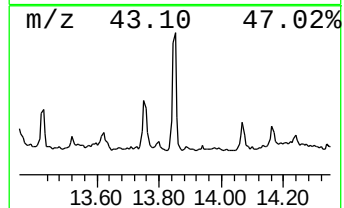
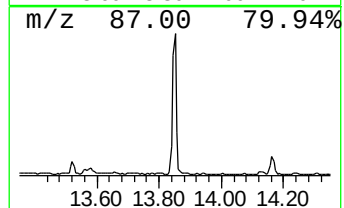
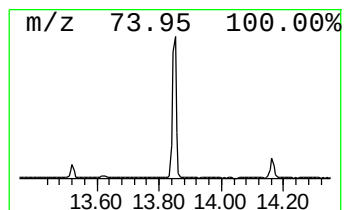
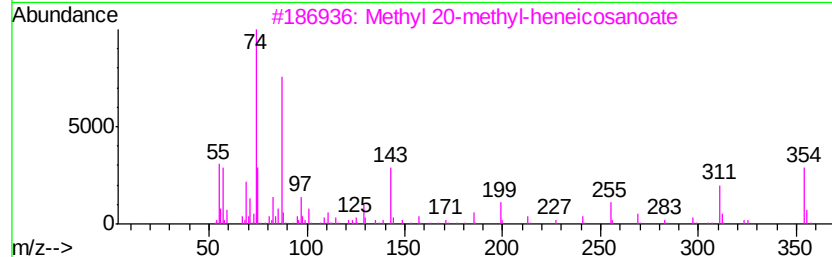
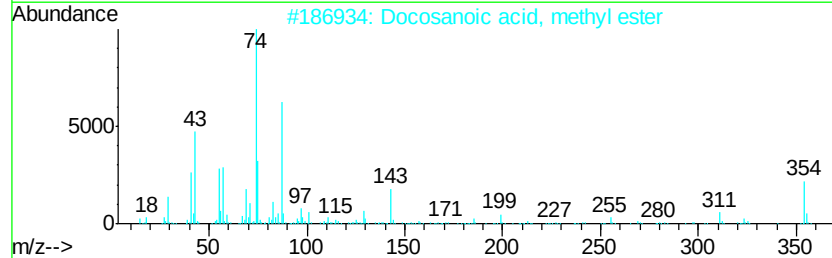
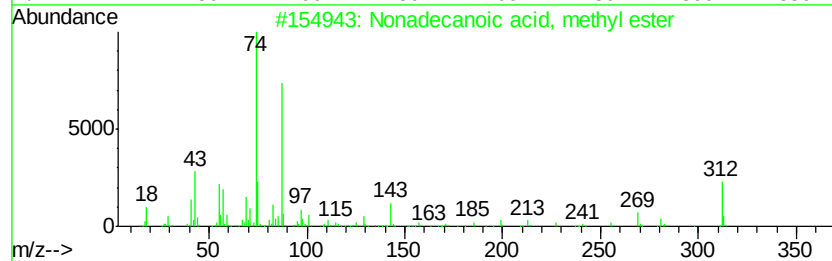
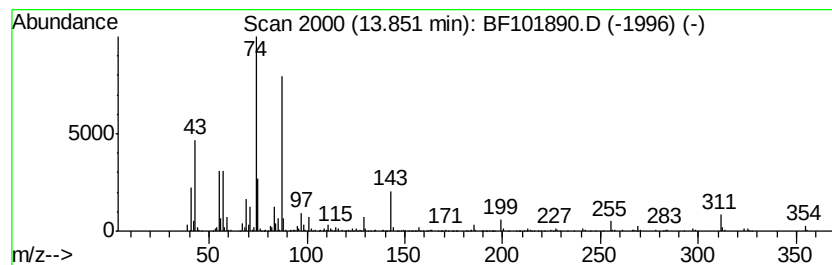
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecanoic acid, methyl e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	15.25 ng	550037	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	96
2		Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
3		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
4		Methyl stearate	298	C19H38O2	000112-61-8	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101890.D
Acq On : 4 Jan 2018 14:59
Operator : SJ/JU
Sample : J1011-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-010318-A

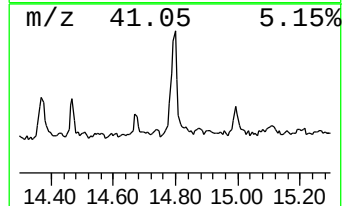
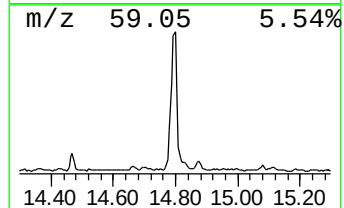
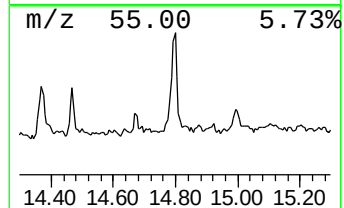
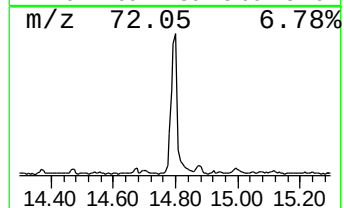
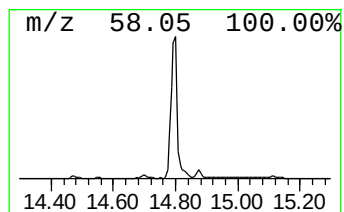
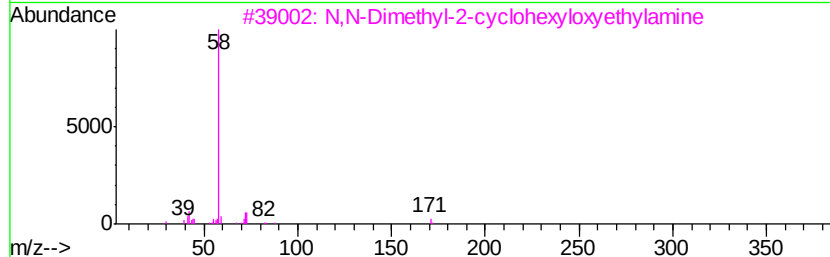
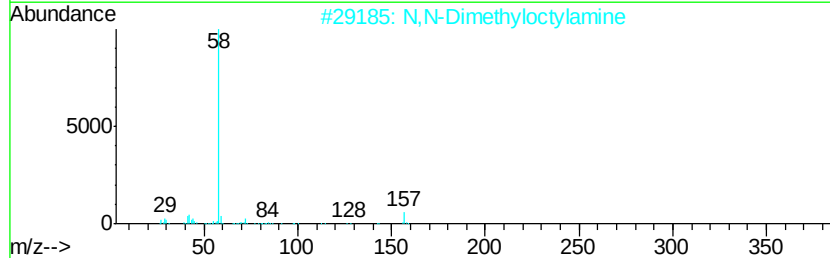
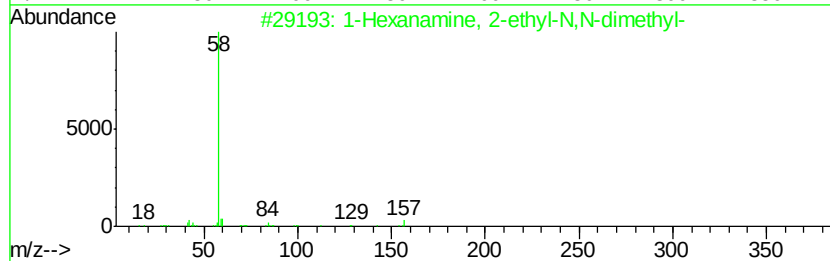
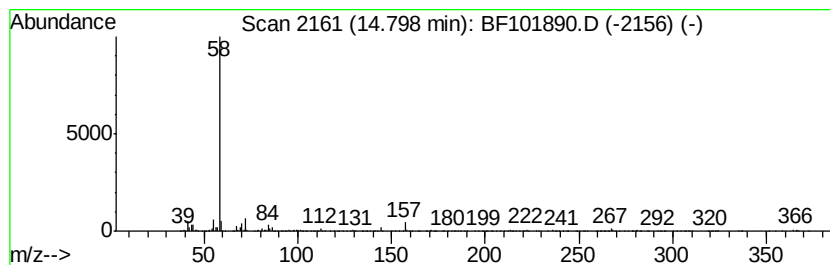
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Hexanamine, 2-ethyl-N,N-d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	34.69 ng	1229330	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3		N,N-Dimethyl-2-cyclohexyloxvethv...	171	C10H21NO	071126-60-8	72
4		S-[2-[N,N-Dimethylamino]ethyl]mo...	261	C10H19N3O3S	1000212-14-3	64
5		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
 Data File : BF101890.D
 Acq On : 4 Jan 2018 14:59
 Operator : SJ/JU
 Sample : J1011-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.55	6.55	24.5	ng	1242460	1	6.77	1012400	20.0
Hexatriacontane	6.59	41.8	ng	2115020	1	6.77	1012400	20.0
Hexane, 1-(hexylo...	7.03	14.8	ng	749547	1	6.77	1012400	20.0
unknown7.09	7.09	16.3	ng	822456	1	6.77	1012400	20.0
Decane, 3-methyl-	7.14	18.8	ng	953481	1	6.77	1012400	20.0
Tetradecane	8.63	30.0	ng	1893380	2	8.05	1263830	20.0
Hexadecane	9.72	24.9	ng	1194890	3	9.80	961247	20.0
Heptadecane	10.69	27.9	ng	1078540	4	11.30	772264	20.0
Octadecane	11.13	17.1	ng	660998	4	11.30	772264	20.0
Hexadecanoic acid...	11.68	176.1	ng	6800000	4	11.30	772264	20.0
9,12-Octadecadien...	12.39	387.9	ng	14977800	4	11.30	772264	20.0
Methyl stearate	12.47	95.9	ng	3703410	4	11.30	772264	20.0
9,12-Octadecadien...	12.52	30.8	ng	1187890	4	11.30	772264	20.0
9-Octadecenoic ac...	12.53	35.7	ng	1378010	4	11.30	772264	20.0
Hexadecanoic acid...	13.18	15.6	ng	561948	5	13.96	721540	20.0
Nonadecanoic acid...	13.85	15.3	ng	550037	5	13.96	721540	20.0
1-Hexanamine, 2-e...	14.80	34.7	ng	1229330	6	15.42	708796	20.0