

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113006.D
 Acq On : 12 Mar 2019 16:46
 Operator : JU/SJ
 Sample : K1687-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-C

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.340	549	553	566	rBV	1366550	1281614	68.99%	4.730%
2	5.993	660	664	670	rBV2	33359	40503	2.18%	0.149%
3	6.275	708	712	714	rBV3	32415	34813	1.87%	0.128%
4	6.334	719	722	724	rBV	50295	44428	2.39%	0.164%
5	6.363	724	727	733	rVV	1450631	1246360	67.09%	4.600%
6	6.416	733	736	739	rVV2	24744	33704	1.81%	0.124%
7	6.498	743	750	758	rBV	1589131	1390780	74.86%	5.133%
8	6.563	758	761	762	rVV	53092	51395	2.77%	0.190%
9	6.581	762	764	769	rVB	282276	222829	11.99%	0.822%
10	6.734	786	790	793	rBV	1062040	951463	51.22%	3.511%
11	6.763	793	795	798	rVB2	82890	70418	3.79%	0.260%
12	6.793	798	800	805	rVB3	52830	59521	3.20%	0.220%
13	6.887	813	816	821	rBV	1264281	1038543	55.90%	3.833%
14	7.022	835	839	842	rVB3	74122	97182	5.23%	0.359%
15	7.057	842	845	847	rBV2	104280	92141	4.96%	0.340%
16	7.087	847	850	855	rVB	82785	76930	4.14%	0.284%
17	7.134	855	858	861	rBV	146520	124917	6.72%	0.461%
18	7.287	876	884	888	rVV	839900	863014	46.45%	3.185%
19	7.345	891	894	897	rVV	574235	497172	26.76%	1.835%
20	7.387	897	901	904	rVV4	81467	116766	6.29%	0.431%
21	7.422	904	907	910	rVV3	40257	58885	3.17%	0.217%
22	7.457	910	913	917	rVV3	70820	86034	4.63%	0.318%
23	7.504	917	921	923	rVV4	48374	70142	3.78%	0.259%
24	7.534	923	926	932	rVB3	95560	159684	8.60%	0.589%
25	7.645	939	945	949	rBV5	86557	170357	9.17%	0.629%
26	7.710	953	956	959	rVV2	80593	91356	4.92%	0.337%
27	7.745	959	962	966	rVV3	112886	172032	9.26%	0.635%
28	7.781	966	968	972	rVV2	143581	143689	7.73%	0.530%
29	7.822	972	975	977	rVV2	91868	83082	4.47%	0.307%
30	7.857	977	981	984	rVB3	82105	103430	5.57%	0.382%
31	7.887	984	986	988	rBV	36654	32295	1.74%	0.119%
32	7.928	988	993	996	rVV4	25493	32006	1.72%	0.118%
33	7.963	996	999	1000	rVV	37761	34573	1.86%	0.128%
34	7.975	1000	1001	1003	rVV2	56294	48873	2.63%	0.180%

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35	8.010	1003	1007	1015	rVV	1918499	1857761	100.00%	6.856%
36	8.092	1018	1021	1023	rVV	195508	196828	10.59%	0.726%
37	8.116	1023	1025	1028	rVV3	59689	68814	3.70%	0.254%
38	8.192	1032	1038	1039	rBV5	39844	62231	3.35%	0.230%
39	8.210	1039	1041	1043	rVV2	52149	57888	3.12%	0.214%
40	8.257	1047	1049	1051	rVV3	39685	40030	2.15%	0.148%
41	8.316	1054	1059	1062	rVV6	128307	201764	10.86%	0.745%
42	8.369	1066	1068	1071	rVV2	108188	99860	5.38%	0.369%
43	8.404	1071	1074	1077	rVV2	146957	146429	7.88%	0.540%
44	8.451	1078	1082	1086	rVV	218408	267875	14.42%	0.989%
45	8.487	1086	1088	1090	rVV	44719	39590	2.13%	0.146%
46	8.522	1090	1094	1097	rVV3	103967	104747	5.64%	0.387%
47	8.563	1097	1101	1103	rVV5	39754	49092	2.64%	0.181%
48	8.616	1107	1110	1115	rVV	716097	643361	34.63%	2.374%
49	8.675	1117	1120	1122	rVV3	104629	113507	6.11%	0.419%
50	8.716	1124	1127	1133	rVB3	87163	127887	6.88%	0.472%
51	8.839	1142	1148	1153	rVB5	62775	98989	5.33%	0.365%
52	8.898	1156	1158	1160	rBV	66713	60314	3.25%	0.223%
53	8.928	1160	1163	1165	rVV3	58758	67710	3.64%	0.250%
54	8.951	1165	1167	1170	rVV4	38102	39036	2.10%	0.144%
55	8.981	1170	1172	1175	rVB	94743	71510	3.85%	0.264%
56	9.022	1176	1179	1181	rBV2	53363	51490	2.77%	0.190%
57	9.045	1181	1183	1186	rVB	154875	128921	6.94%	0.476%
58	9.086	1186	1190	1195	rBV	1453482	1253663	67.48%	4.627%
59	9.128	1195	1197	1202	rVB5	33926	32477	1.75%	0.120%
60	9.181	1202	1206	1210	rBV	542020	474698	25.55%	1.752%
61	9.292	1222	1225	1229	rVB4	24402	32880	1.77%	0.121%
62	9.345	1230	1234	1235	rBV4	27480	30893	1.66%	0.114%
63	9.428	1245	1248	1250	rVV2	56762	79807	4.30%	0.295%
64	9.451	1250	1252	1255	rVV3	63126	68082	3.66%	0.251%
65	9.481	1255	1257	1259	rVV	116620	136520	7.35%	0.504%
66	9.498	1259	1260	1262	rVV	146291	106465	5.73%	0.393%
67	9.522	1262	1264	1267	rVV	70785	72001	3.88%	0.266%
68	9.557	1267	1270	1273	rVB3	39578	39152	2.11%	0.144%
69	9.710	1293	1296	1300	rBV	294294	254079	13.68%	0.938%
70	9.763	1300	1305	1319	rVB	1294463	1259021	67.77%	4.646%
71	9.939	1331	1335	1338	rBV5	26757	45136	2.43%	0.167%

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72	9.969	1338	1340	1343	rVB2	32940	29710	1.60%	0.110%
73	10.028	1348	1350	1354	rVB3	44941	46570	2.51%	0.172%
74	10.204	1377	1380	1383	rVB	178457	137828	7.42%	0.509%
75	10.428	1413	1418	1420	rBV	45830	53029	2.85%	0.196%
76	10.545	1434	1438	1447	rBV	722166	761587	40.99%	2.811%
77	10.675	1457	1460	1468	rVB	127232	154425	8.31%	0.570%
78	11.122	1533	1536	1539	rBV	71704	64634	3.48%	0.239%
79	11.151	1539	1541	1546	rVB	29813	29795	1.60%	0.110%
80	11.239	1552	1556	1565	rBV	1063473	1054094	56.74%	3.890%
81	11.545	1605	1608	1611	rBV	59130	51084	2.75%	0.189%
82	11.645	1621	1625	1631	rBV	196256	171252	9.22%	0.632%
83	11.775	1644	1647	1656	rBV	133533	171228	9.22%	0.632%
84	11.951	1674	1677	1680	rBV	52606	40402	2.17%	0.149%
85	12.322	1737	1740	1742	rBV	849182	750067	40.37%	2.768%
86	12.345	1742	1744	1753	rVB	654457	577908	31.11%	2.133%
87	12.433	1756	1759	1763	rBV2	102407	91903	4.95%	0.339%
88	12.557	1776	1780	1786	rBV	53837	93484	5.03%	0.345%
89	12.816	1820	1824	1832	rBV	1141522	1120681	60.32%	4.136%
90	13.063	1863	1866	1870	rVB2	43369	41181	2.22%	0.152%
91	13.404	1921	1924	1927	rBV	44282	39358	2.12%	0.145%
92	13.727	1976	1979	1987	rVB	98780	137655	7.41%	0.508%
93	13.863	1998	2002	2009	rBV	1249854	1239004	66.69%	4.572%
94	14.045	2030	2033	2036	rBV	82568	73957	3.98%	0.273%
95	14.345	2081	2084	2088	rBV	122226	134183	7.22%	0.495%
96	14.645	2132	2135	2138	rBV	151757	142796	7.69%	0.527%
97	14.957	2185	2188	2192	rBV	162911	174629	9.40%	0.644%
98	15.268	2237	2241	2246	rBV	881770	1208034	65.03%	4.458%
99	15.315	2246	2249	2254	rVB	175749	226759	12.21%	0.837%
100	15.721	2314	2318	2323	rBV	124424	178605	9.61%	0.659%

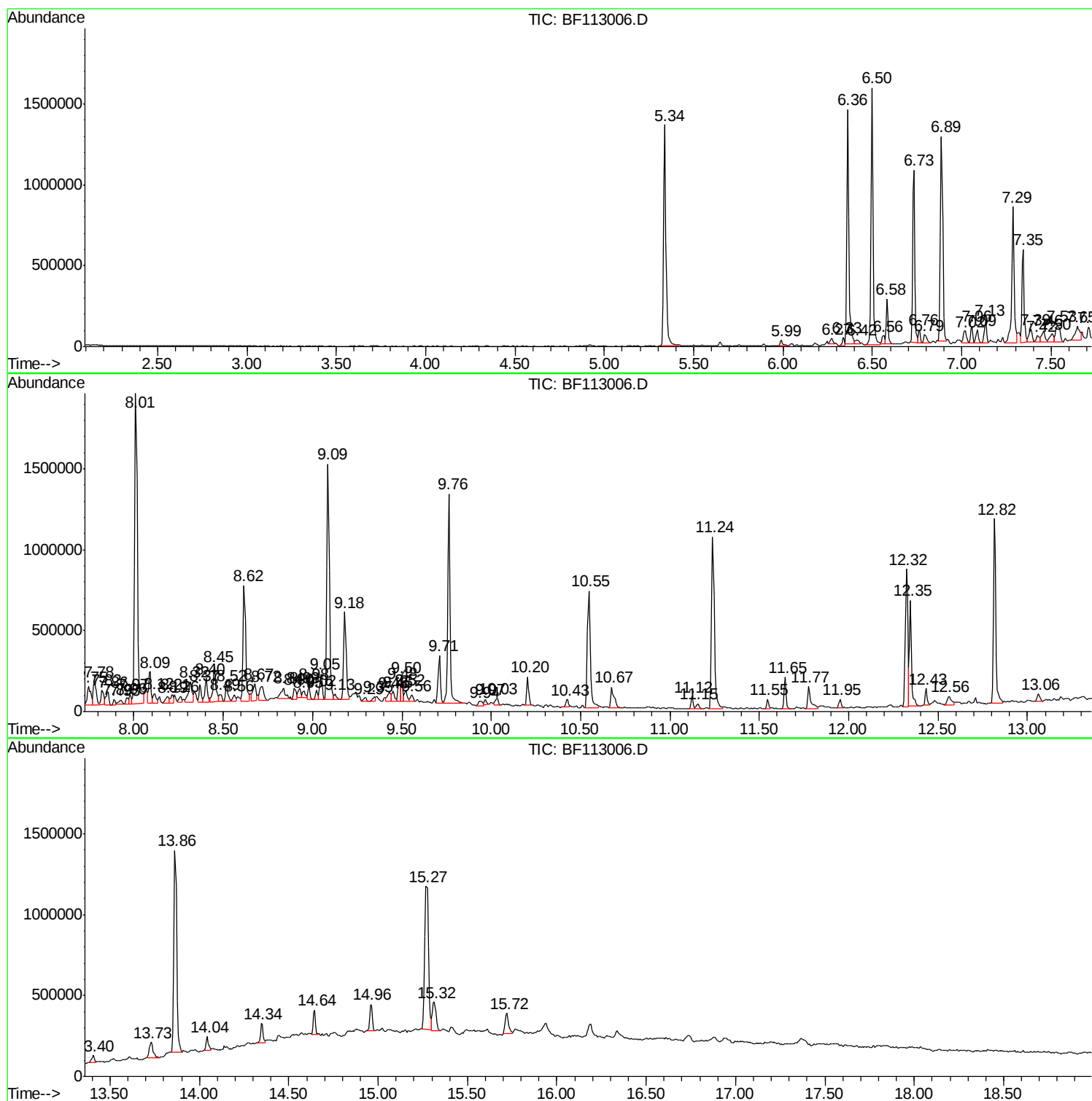
Sum of corrected areas: 27097281

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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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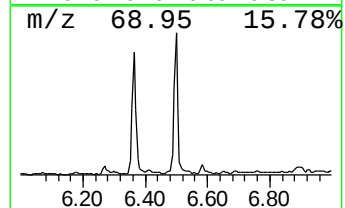
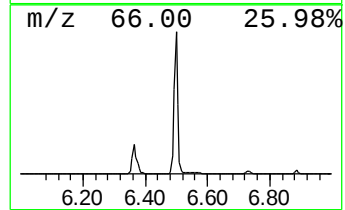
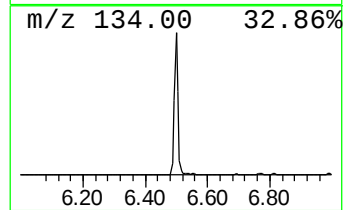
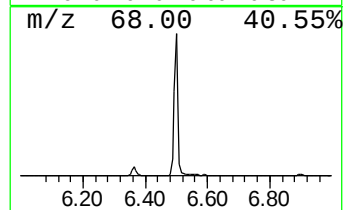
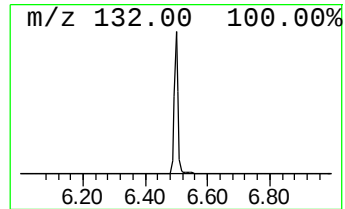
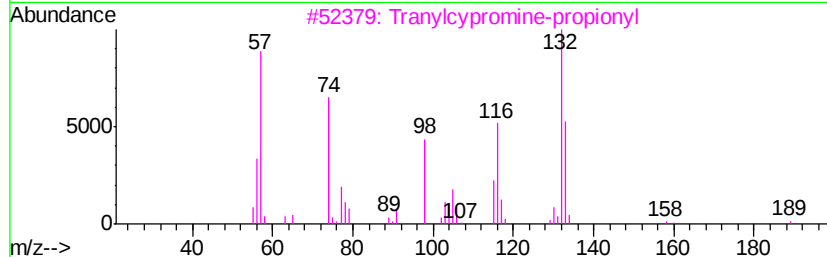
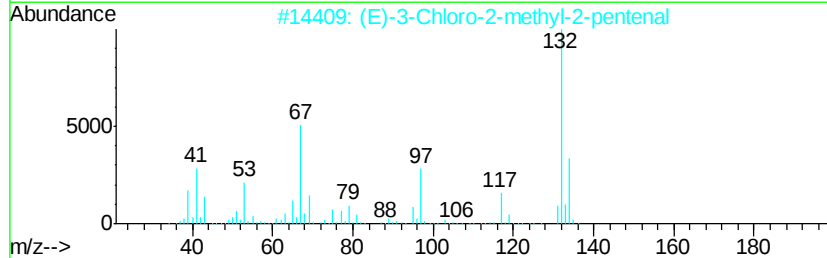
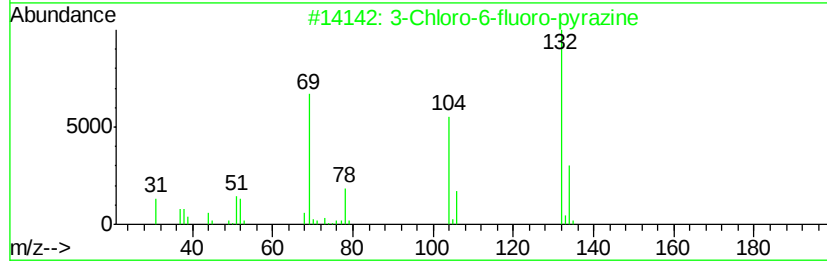
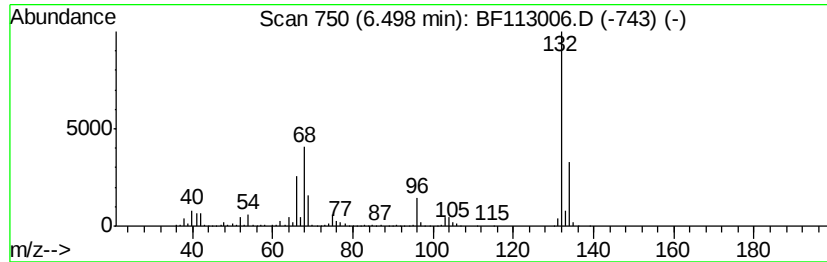
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	29.23 ng	1390780	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Amphetaminil	250	C17H18N2	017590-01-1	12



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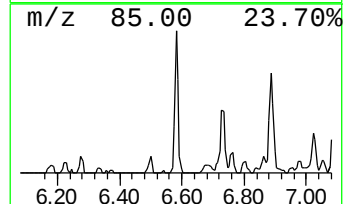
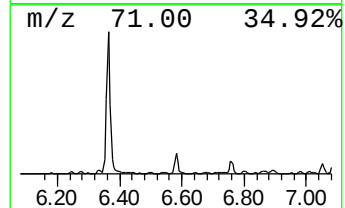
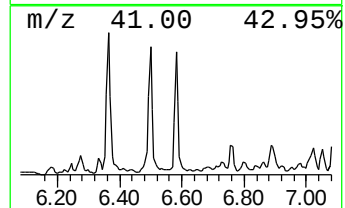
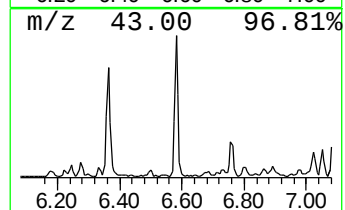
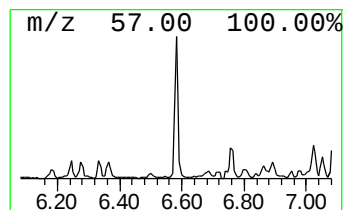
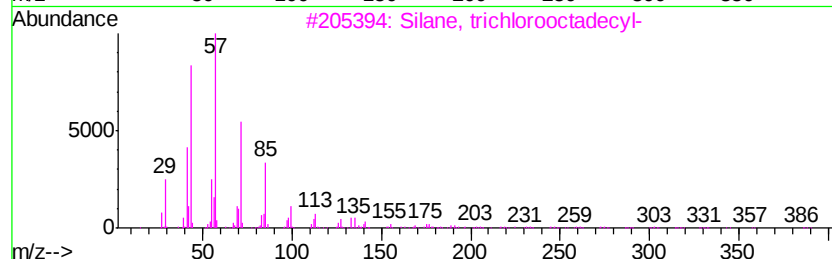
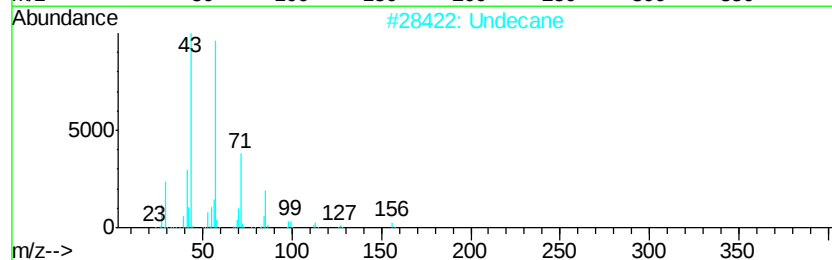
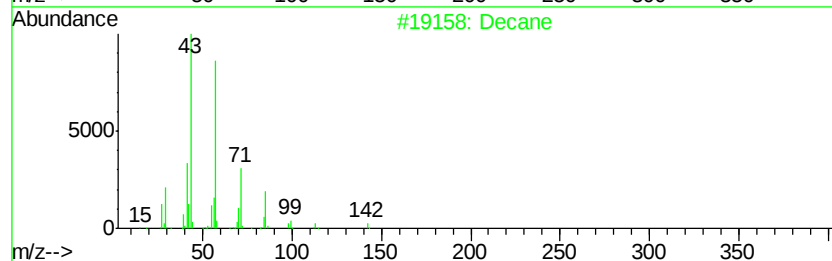
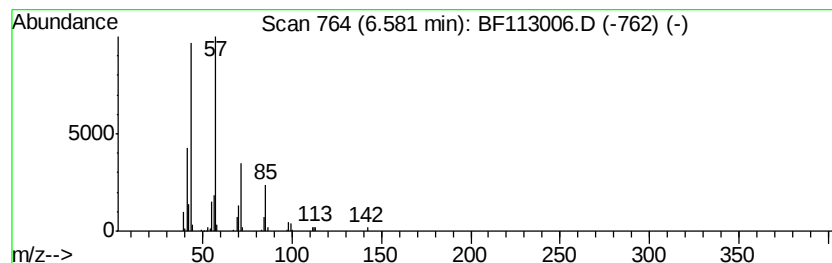
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	4.68 ng	222829	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Undecane	156	C11H24	001120-21-4	78
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4		Octane	114	C8H18	000111-65-9	72
5		Hexadecane	226	C16H34	000544-76-3	72



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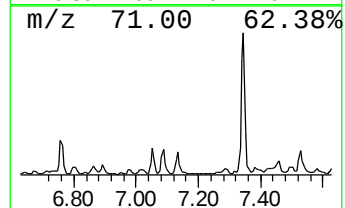
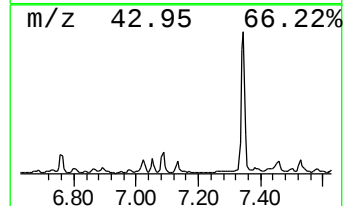
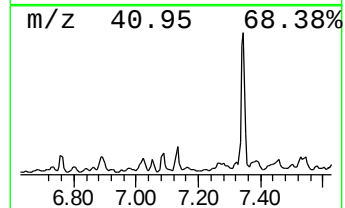
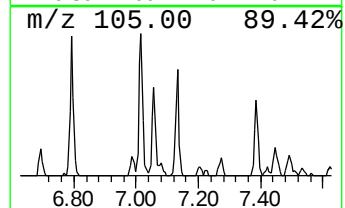
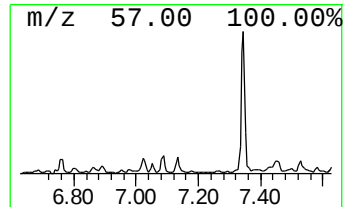
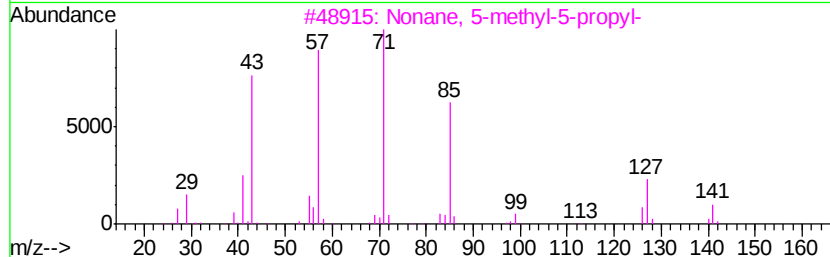
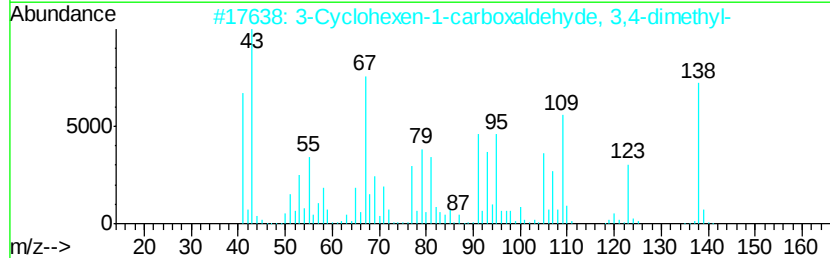
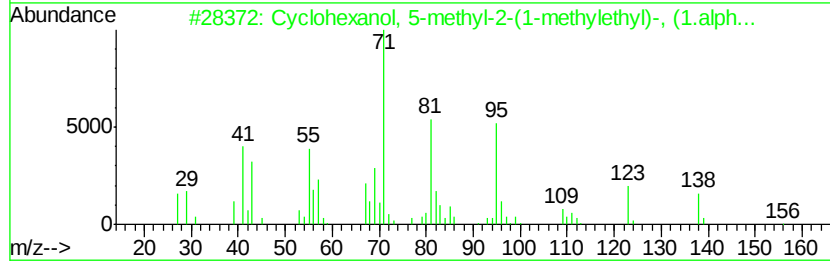
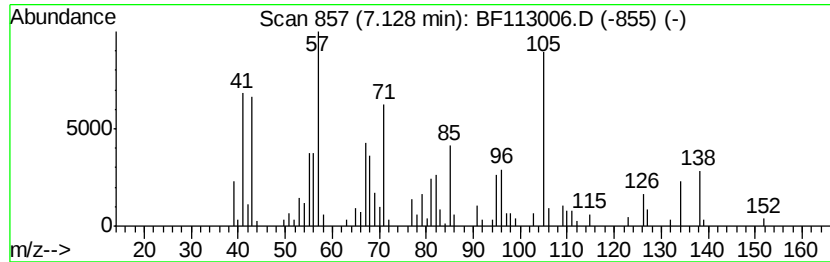
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.13 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.63 ng	124917	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	27
2		3-Cyclohexen-1-carboxaldehyde, 3...	138	C9H14O	1000131-99-4	25
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	22
4		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	22
5		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-031119-C

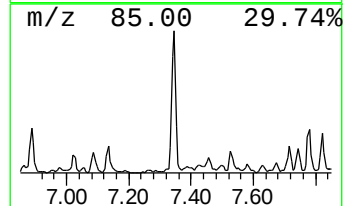
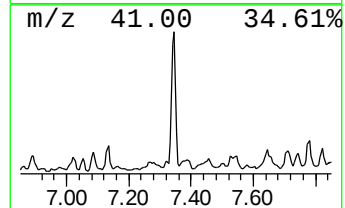
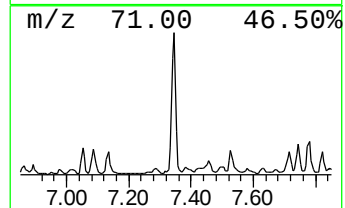
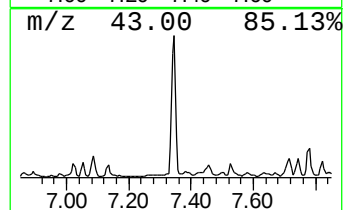
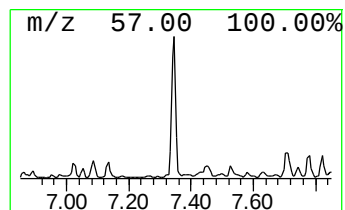
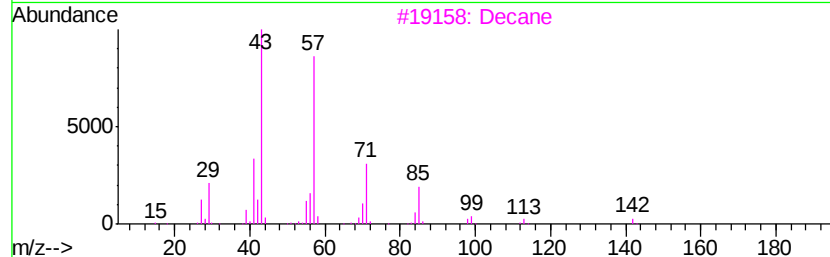
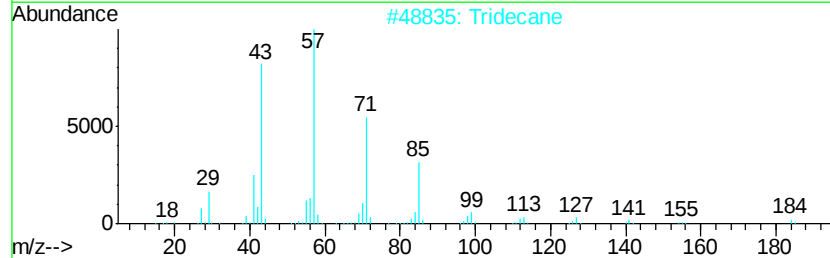
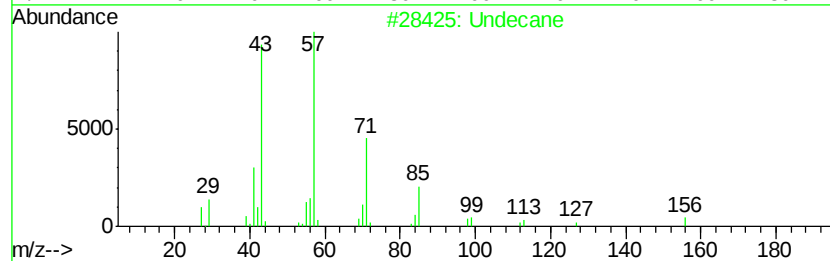
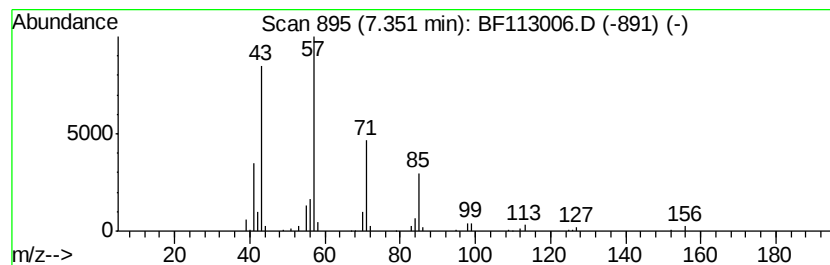
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	10.45 ng	497172	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	94
2	Tridecane		184	C13H28	000629-50-5	90
3	Decane		142	C10H22	000124-18-5	83
4	Decane, 2-methyl-		156	C11H24	006975-98-0	80
5	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
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ClientSampleId :
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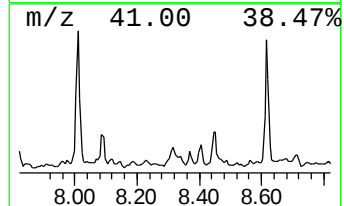
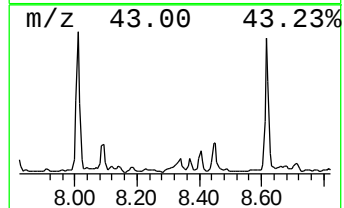
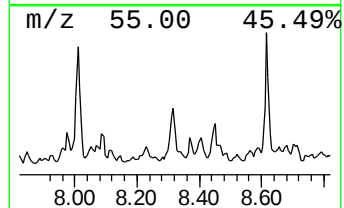
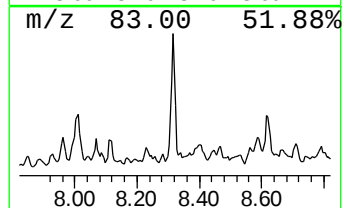
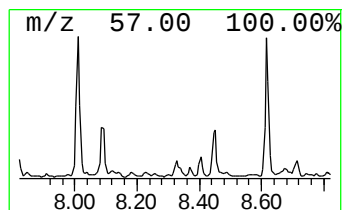
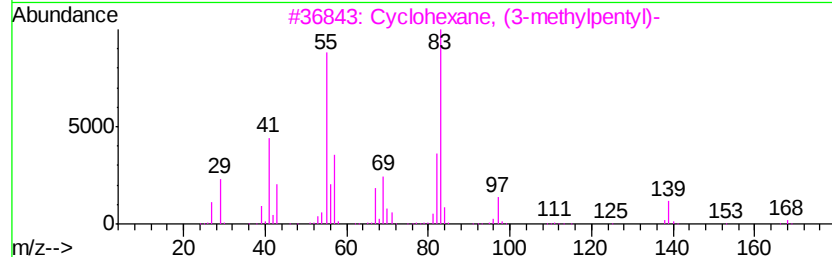
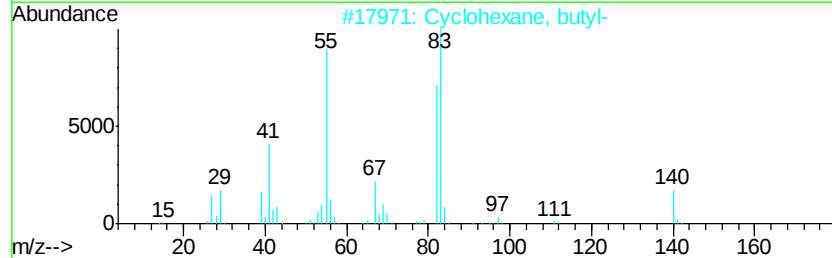
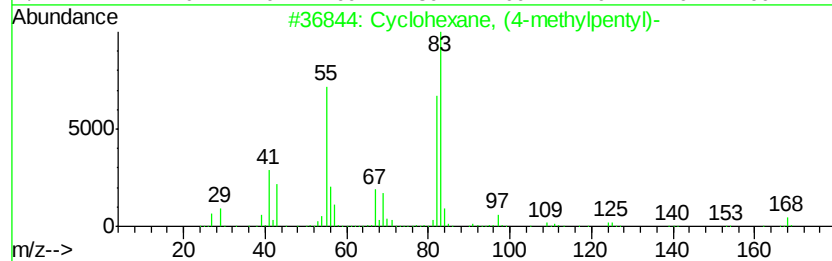
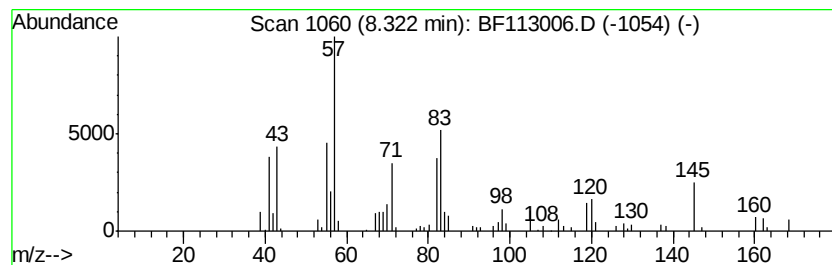
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	2.17 ng	201764	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
3		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	59
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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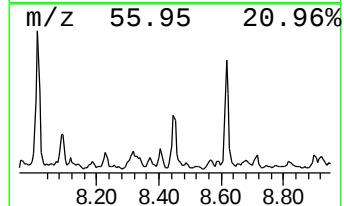
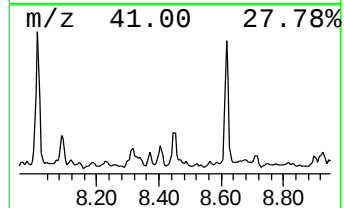
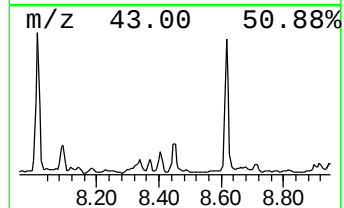
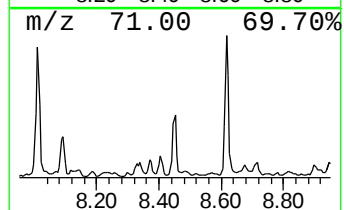
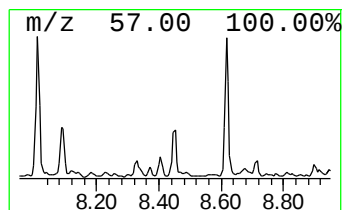
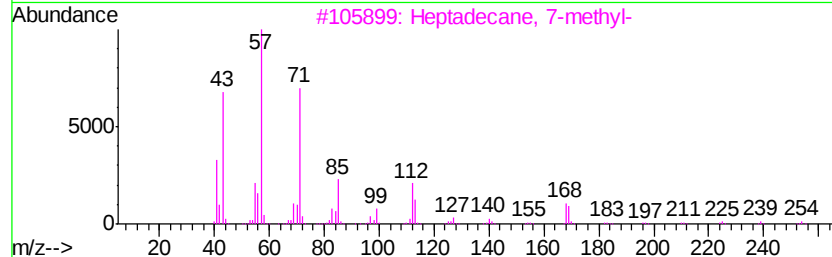
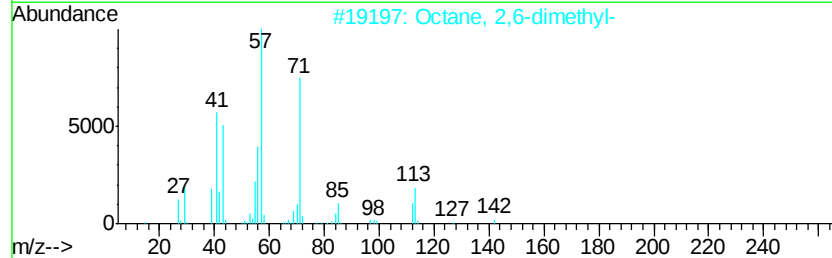
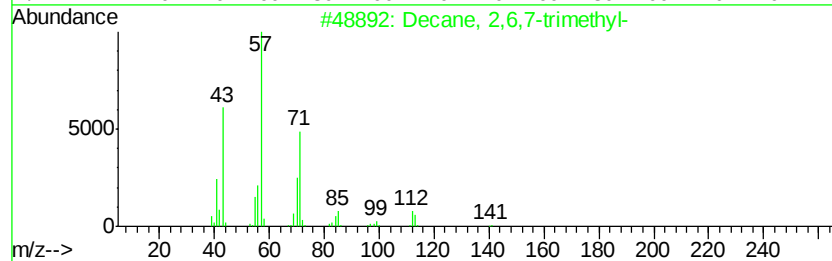
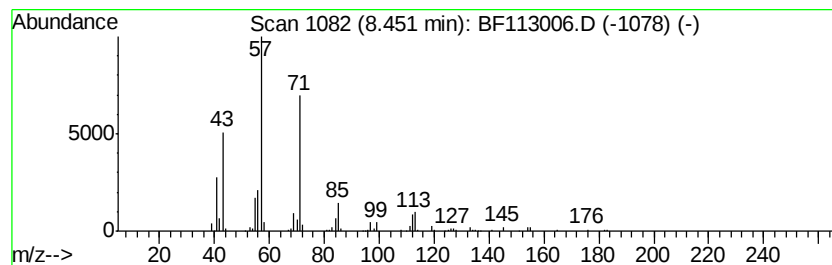
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	2.88 ng	267875	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

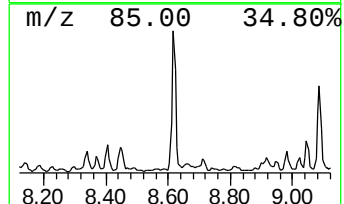
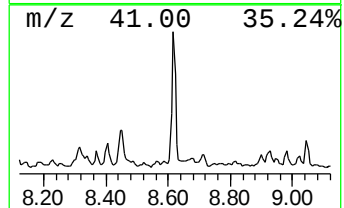
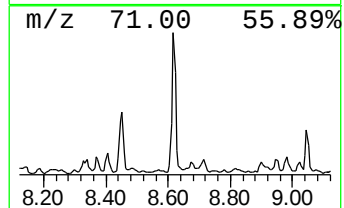
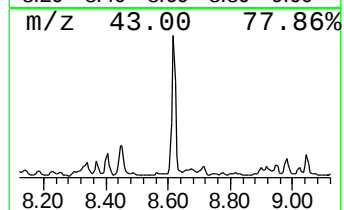
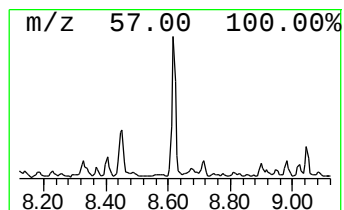
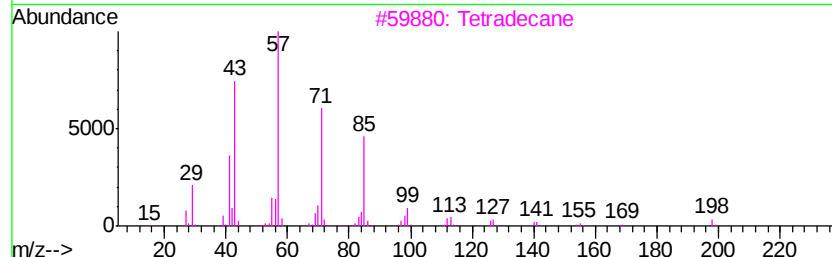
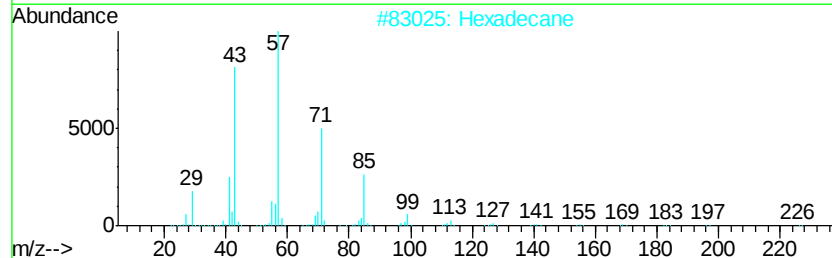
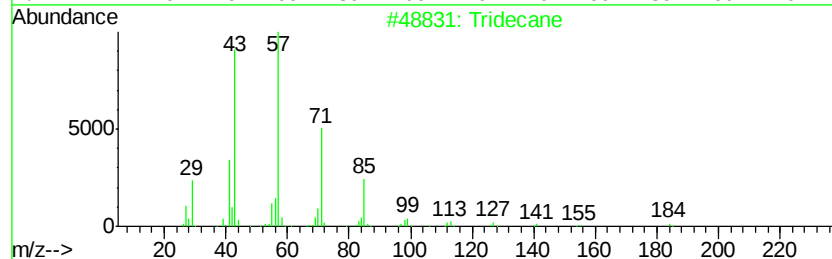
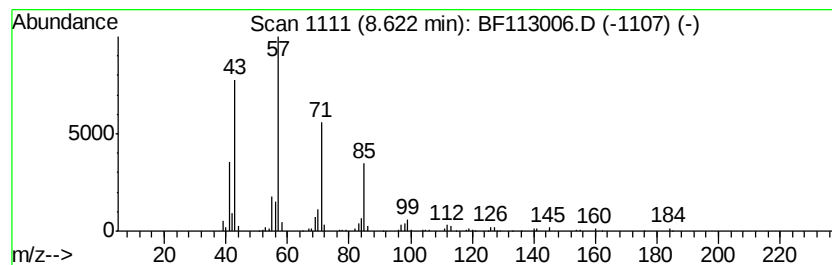
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	6.93 ng	643361	Naphthalene-d8	8.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	87
2	Hexadecane	226 C16H34	000544-76-3	86
3	Tetradecane	198 C14H30	000629-59-4	86
4	Undecane, 2,3-dimethyl-	184 C13H28	017312-77-5	78
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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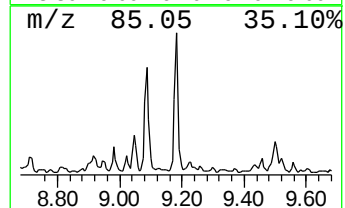
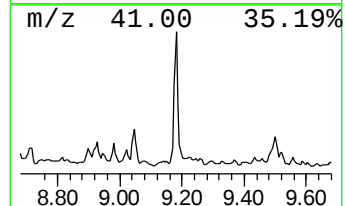
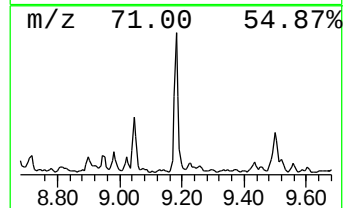
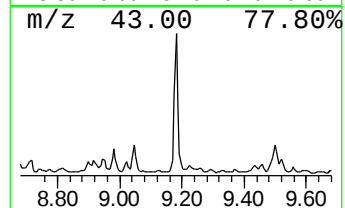
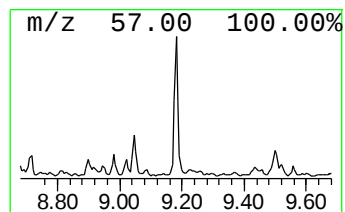
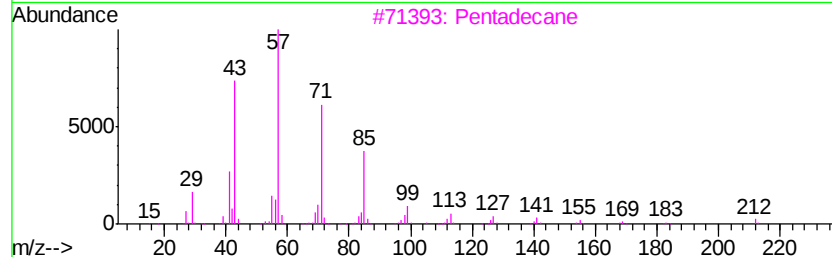
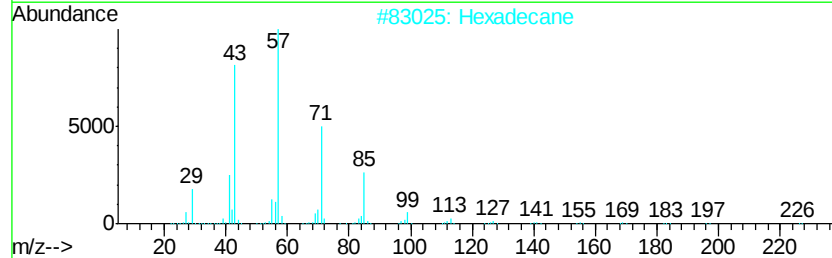
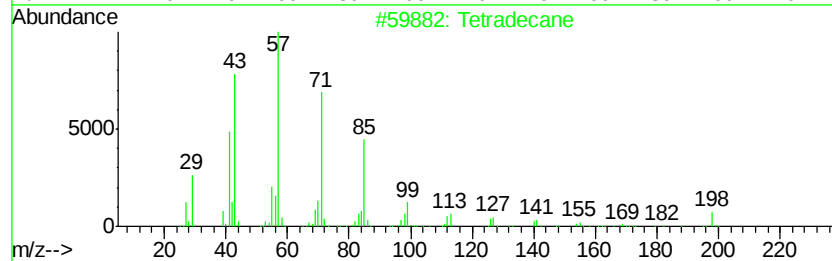
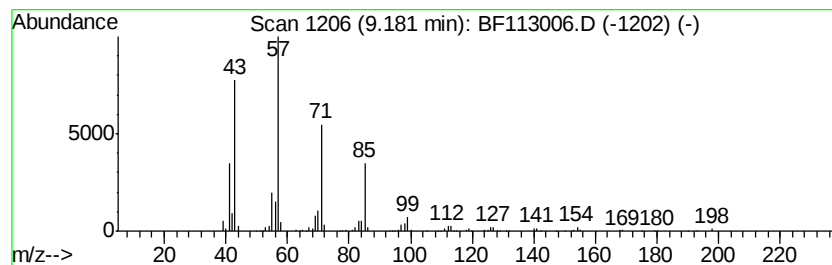
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	7.54 ng	474698	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Undecane	156	C11H24	001120-21-4	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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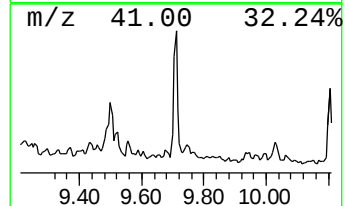
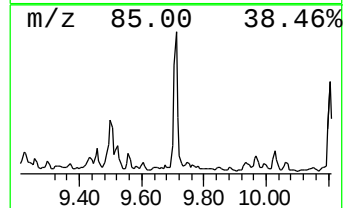
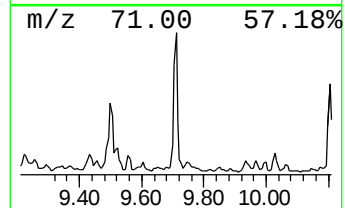
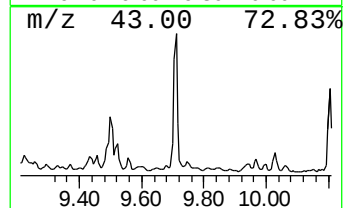
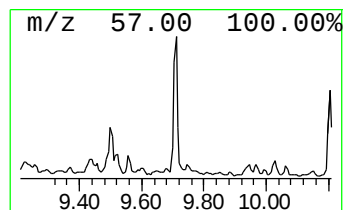
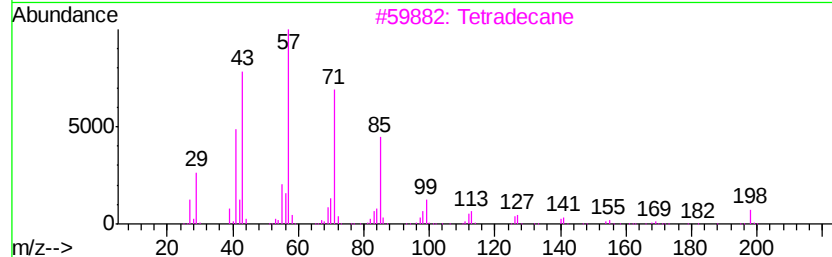
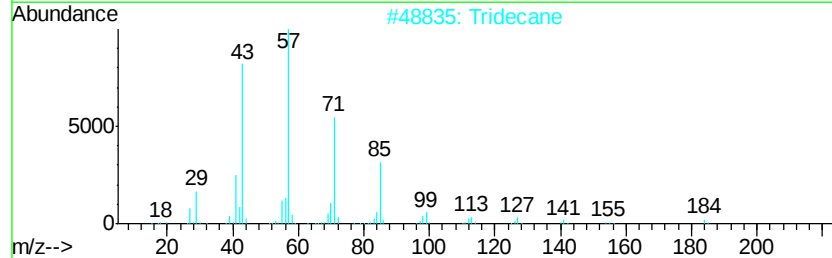
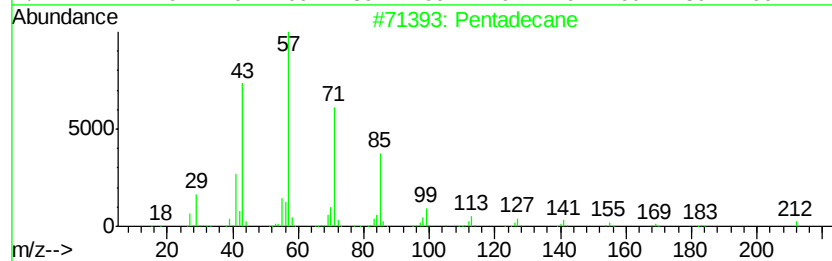
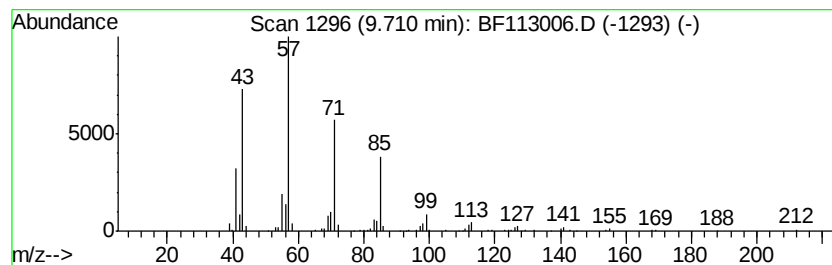
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 10 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.04 ng	254079	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	97
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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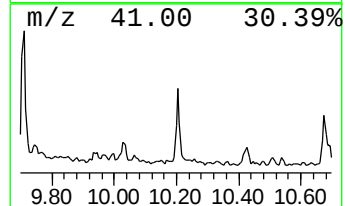
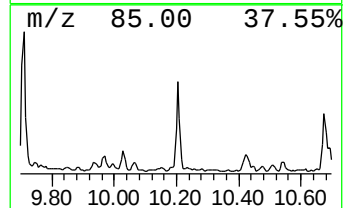
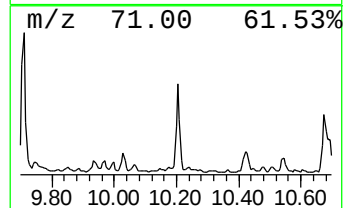
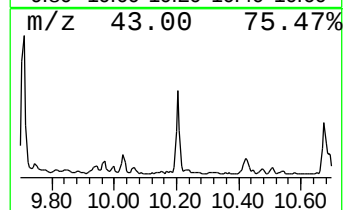
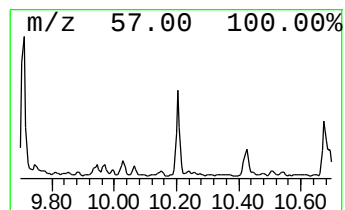
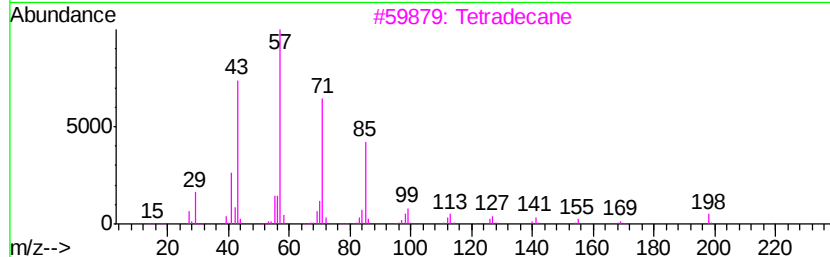
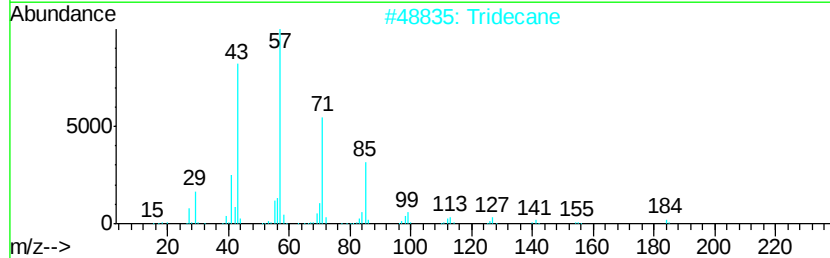
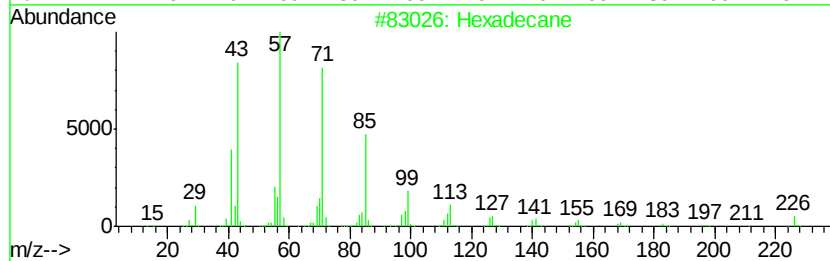
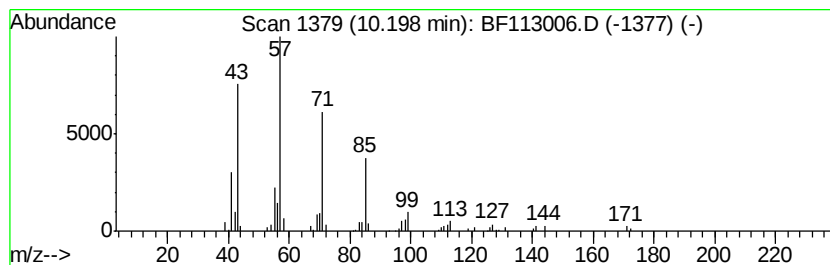
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.19 ng	137828	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Octadecane	254	C18H38	000593-45-3	86
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-C

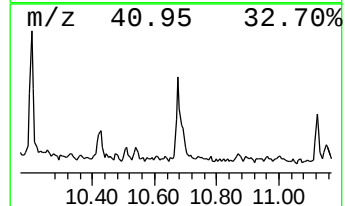
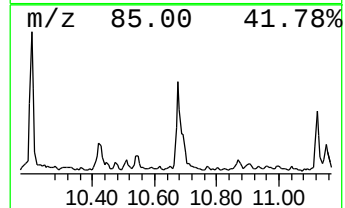
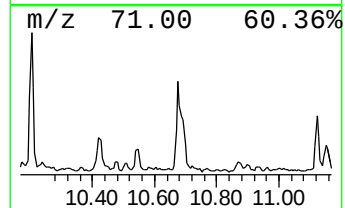
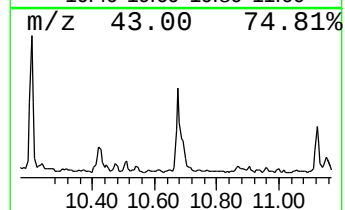
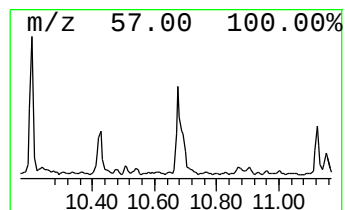
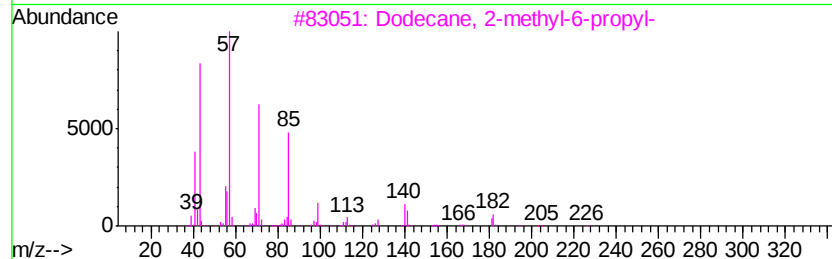
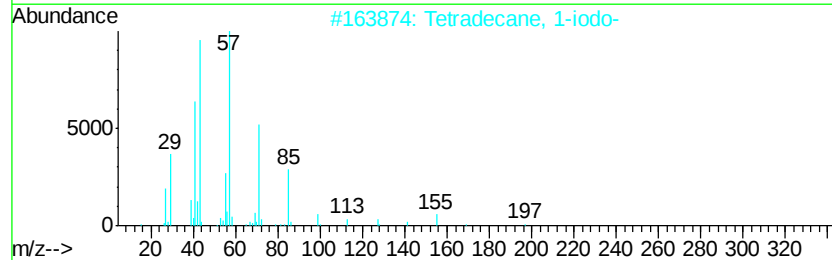
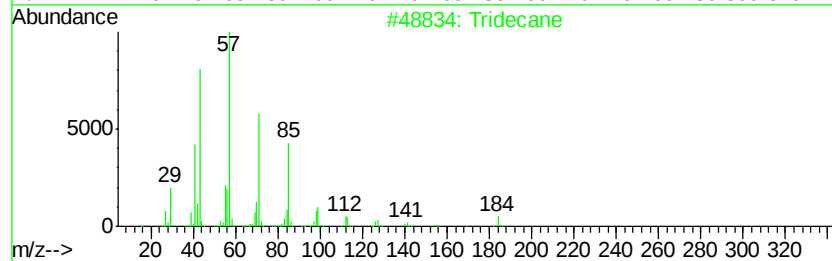
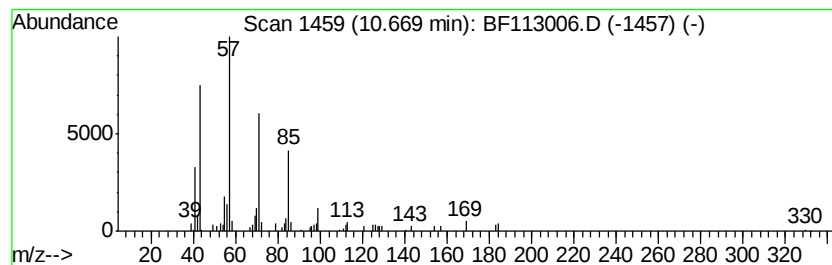
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.93 ng	154425	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

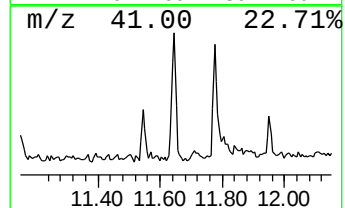
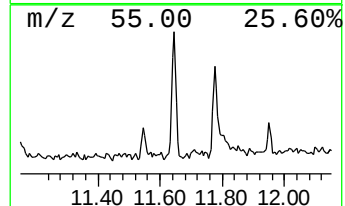
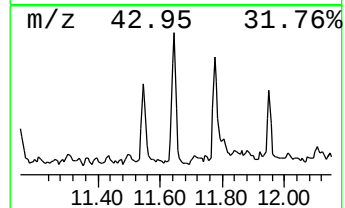
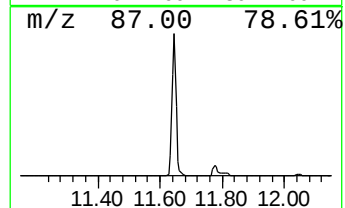
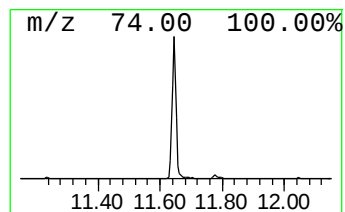
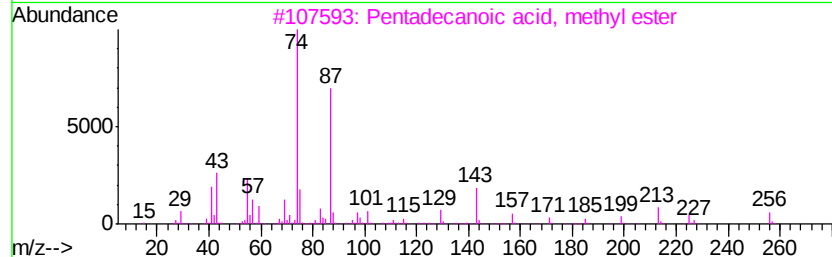
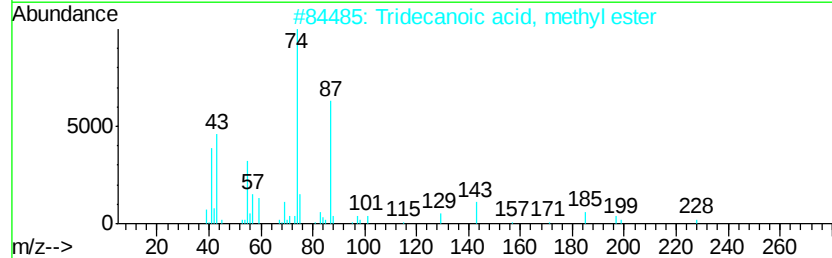
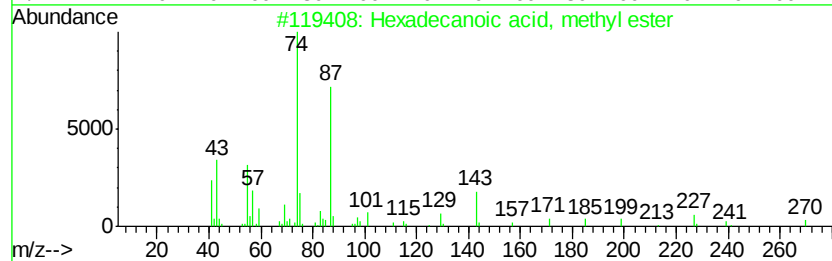
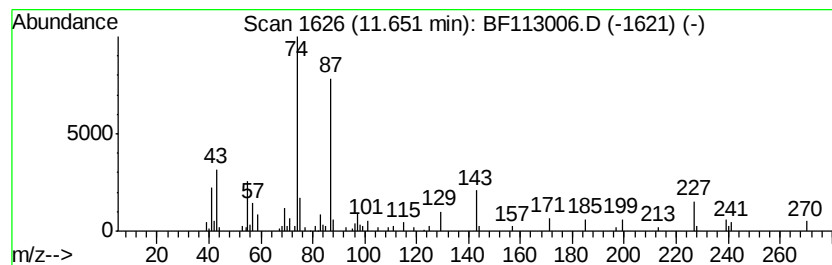
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.65	3.25 ng	171252	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	92
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

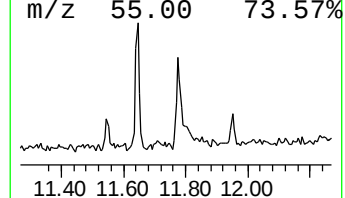
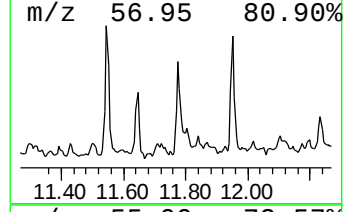
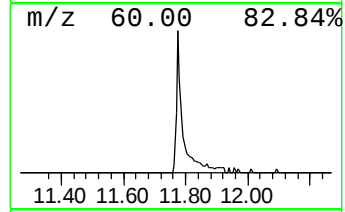
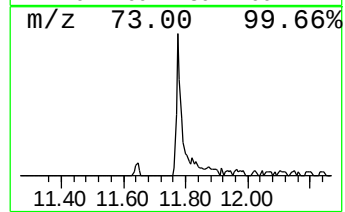
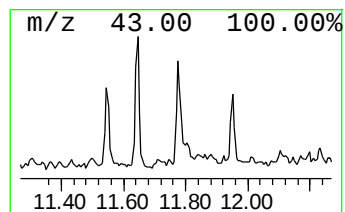
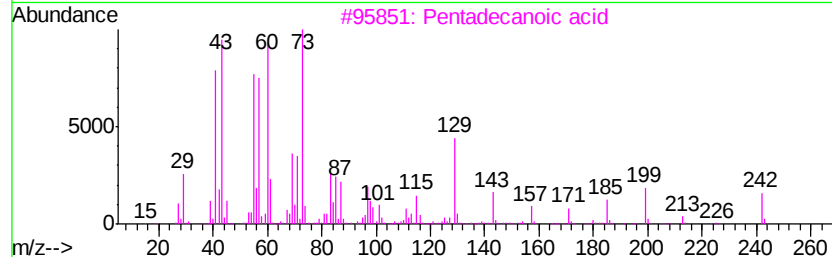
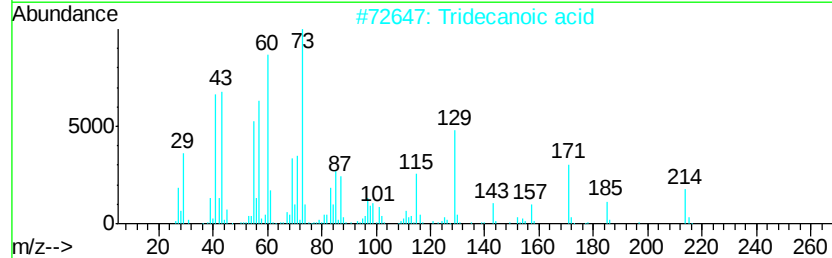
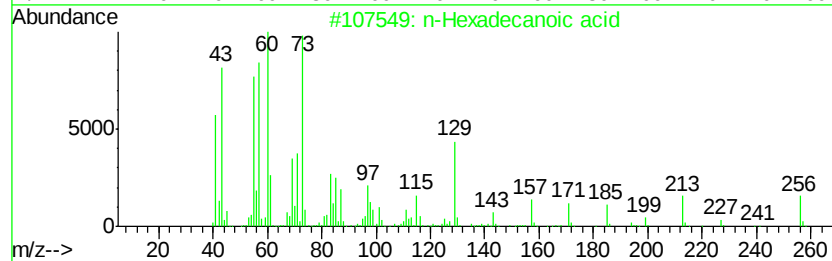
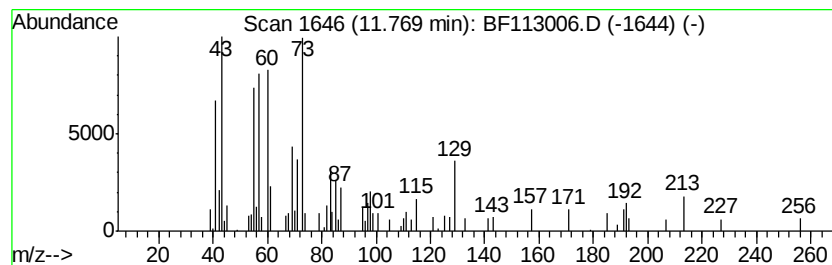
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	3.25 ng	171228	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

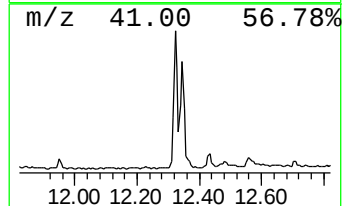
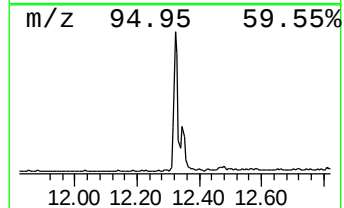
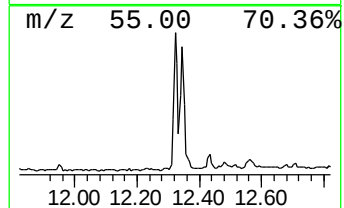
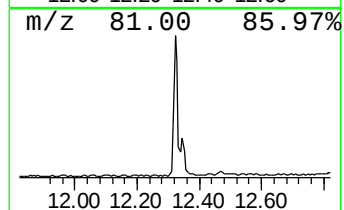
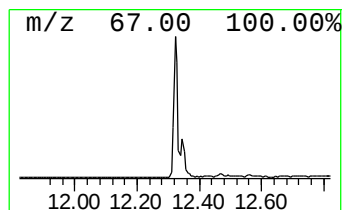
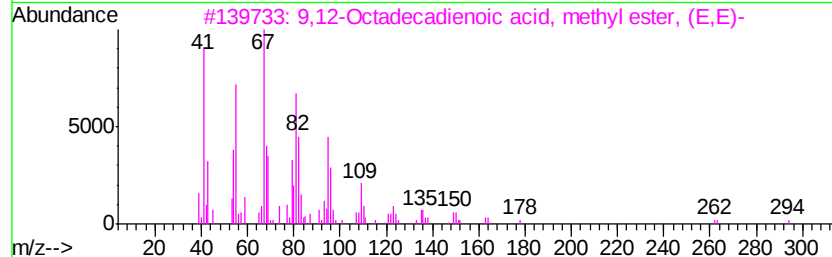
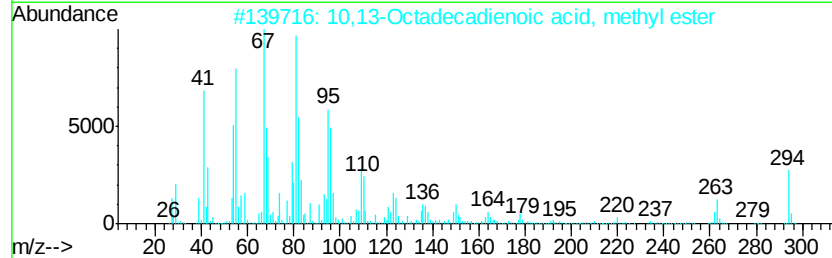
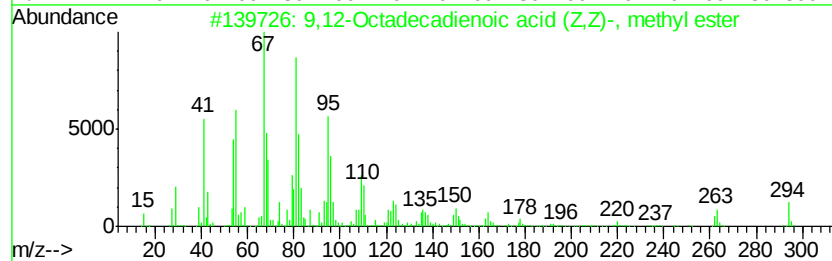
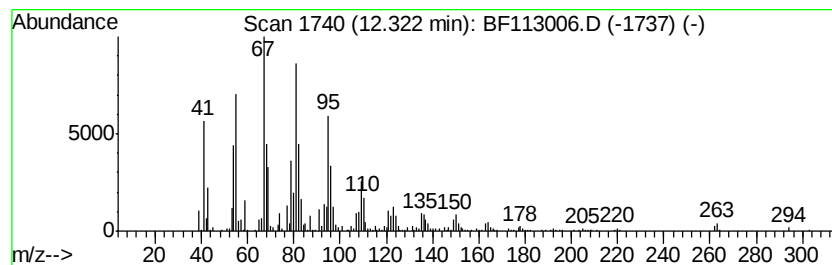
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.32	14.23 ng	750067	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	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	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113006.D
 Acq On : 12 Mar 2019 16:46
 Operator : JU/SJ
 Sample : K1687-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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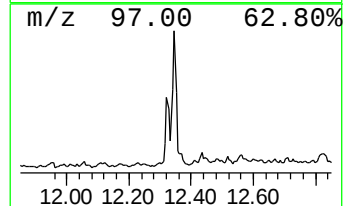
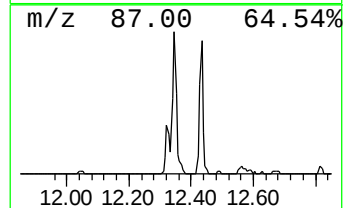
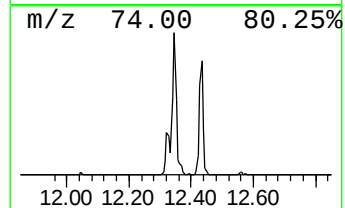
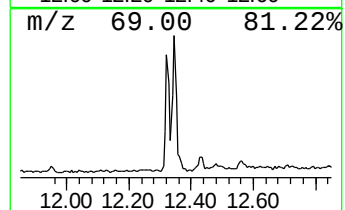
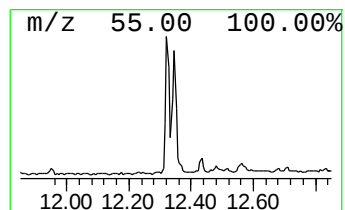
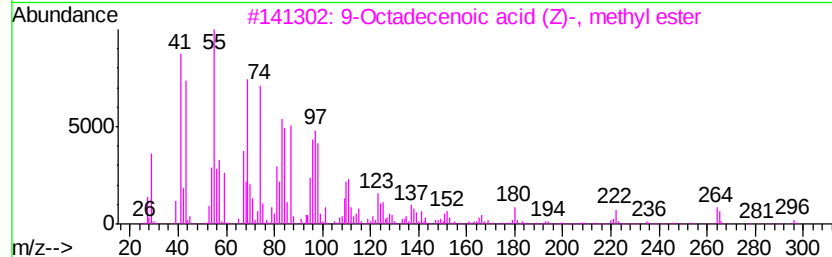
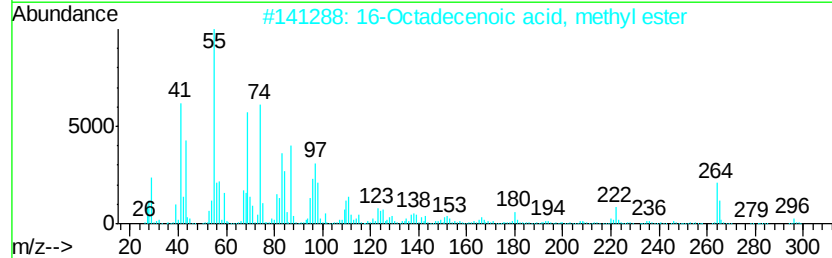
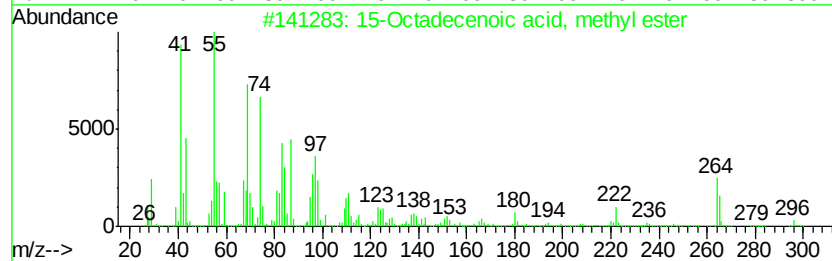
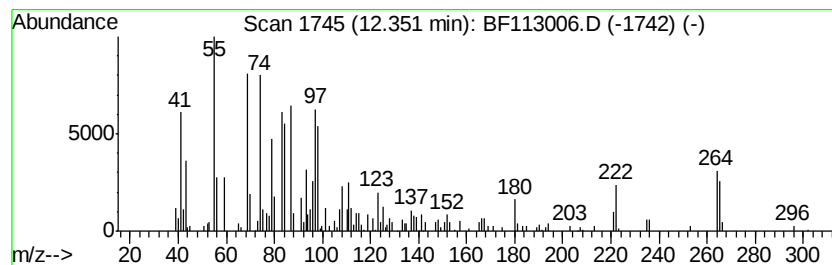
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 15-Octadecenoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	10.97 ng	577908	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		9-Octadecenoic acid (Z)-, methyl ester	296	C19H36O2	000112-62-9	99
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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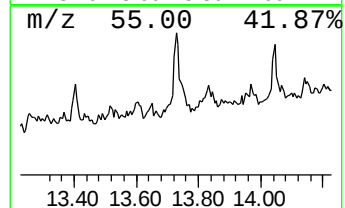
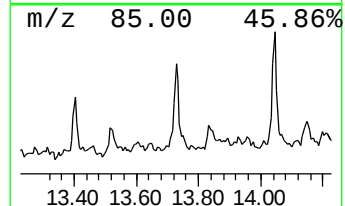
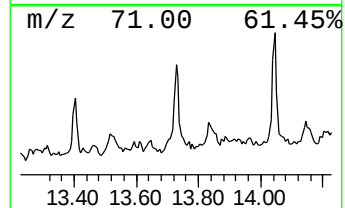
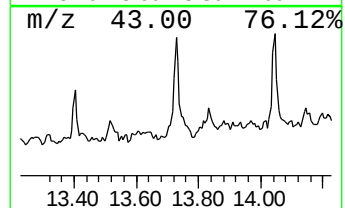
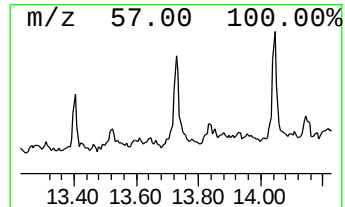
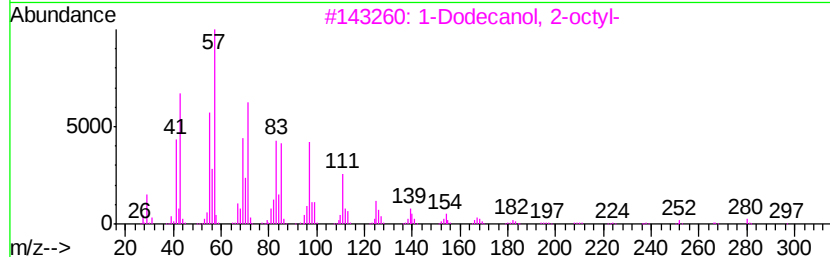
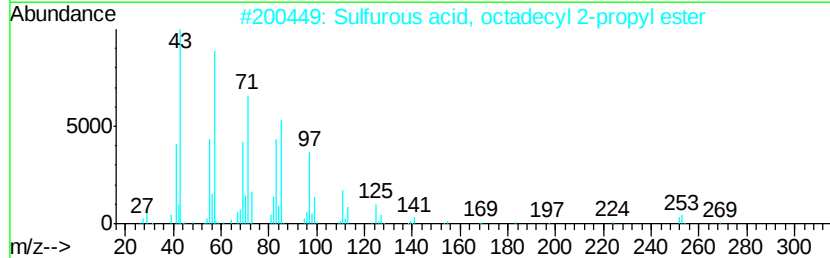
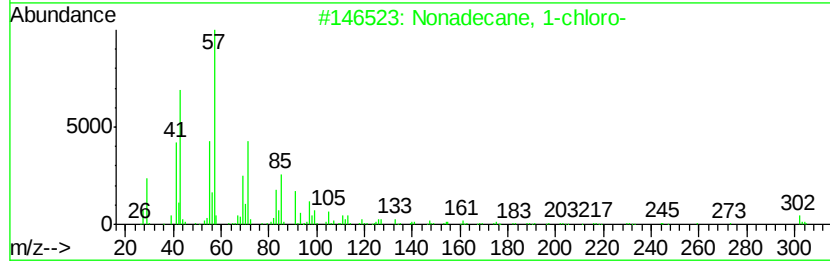
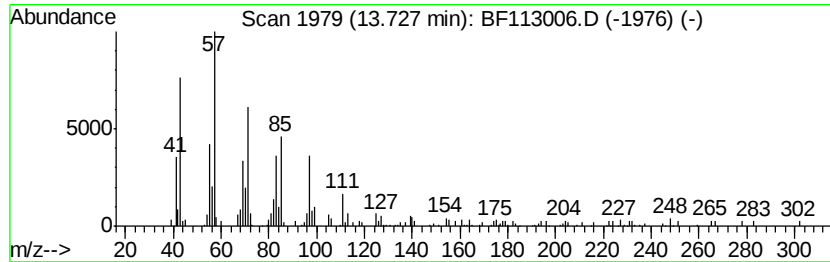
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.73	2.22 ng	137655	Chrysene-d12	13.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	87
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
3		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	80
4		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	80
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-031119-C

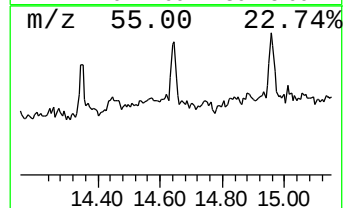
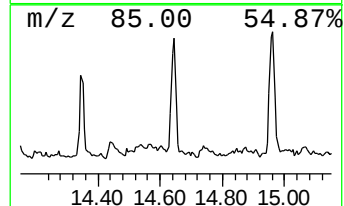
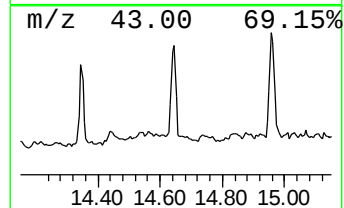
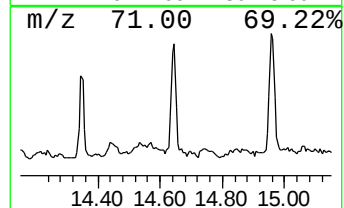
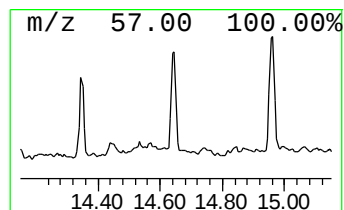
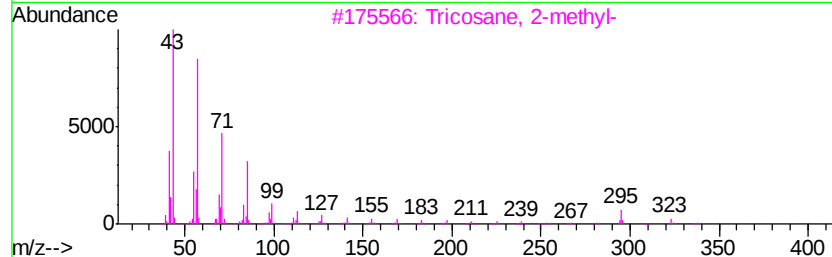
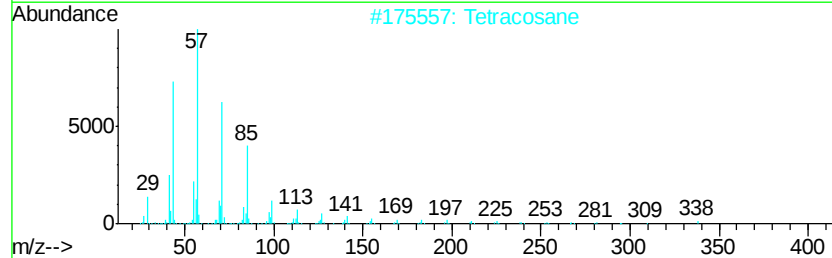
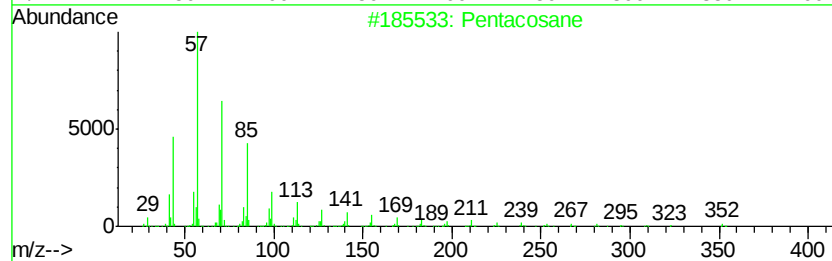
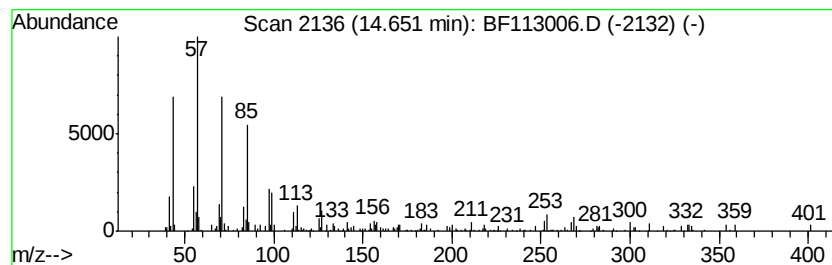
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.36 ng	142796	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	93
2			Tetracosane	338	C24H50	000646-31-1	93
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-C

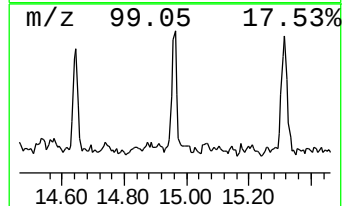
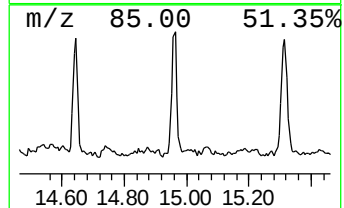
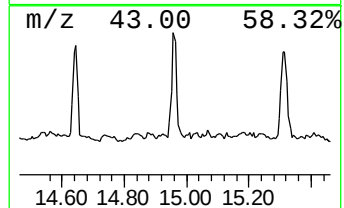
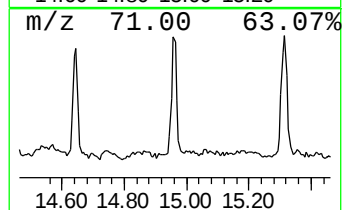
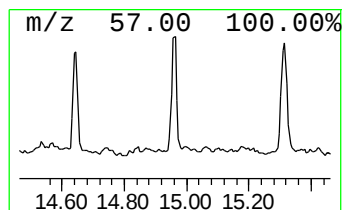
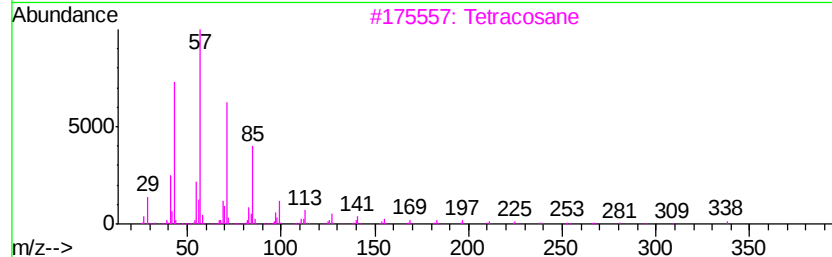
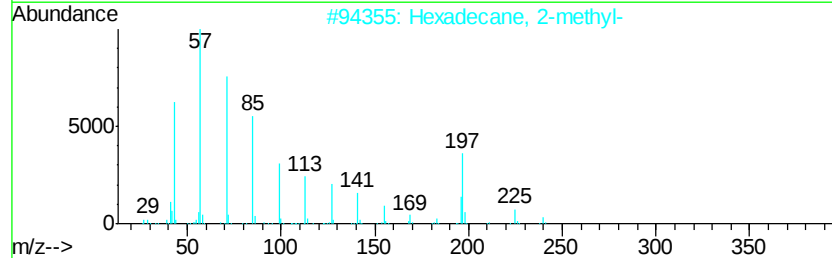
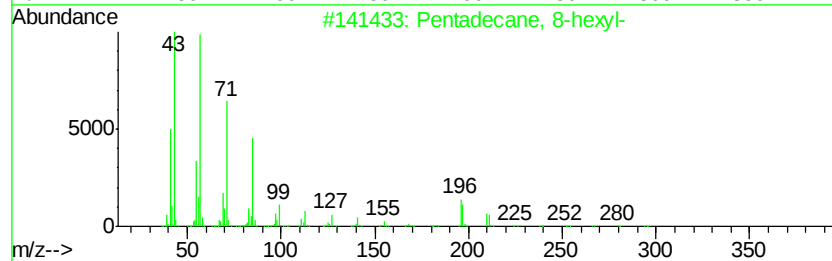
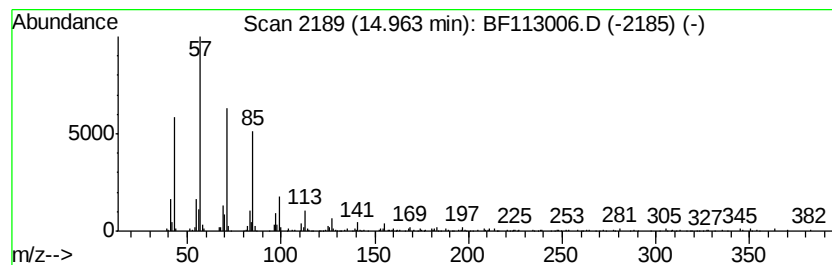
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 8-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.89 ng	174629	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
3		Tetracosane	338	C24H50	000646-31-1	90
4		triacontane	422	C30H62	000638-68-6	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113006.D
Acq On : 12 Mar 2019 16:46
Operator : JU/SJ
Sample : K1687-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-031119-C

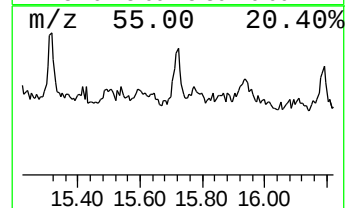
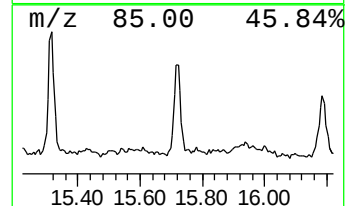
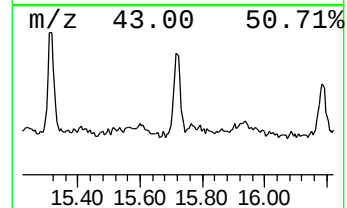
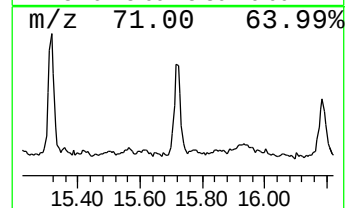
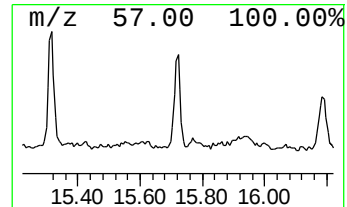
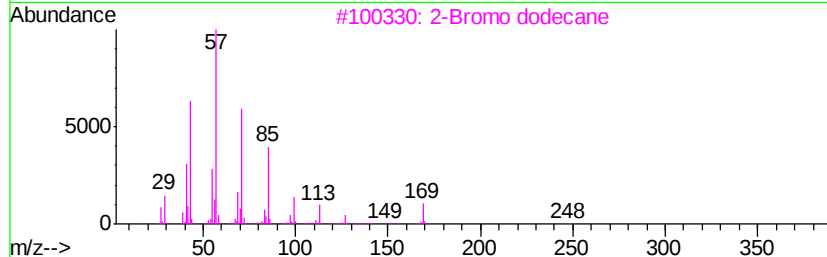
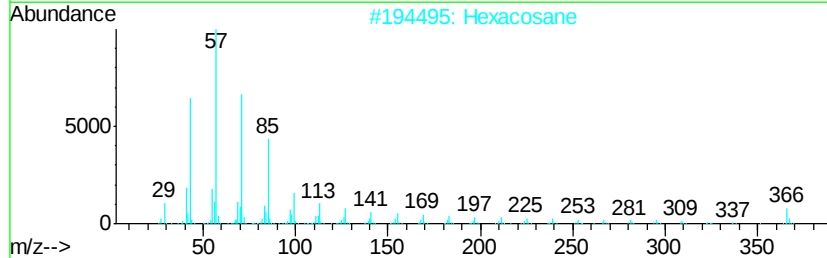
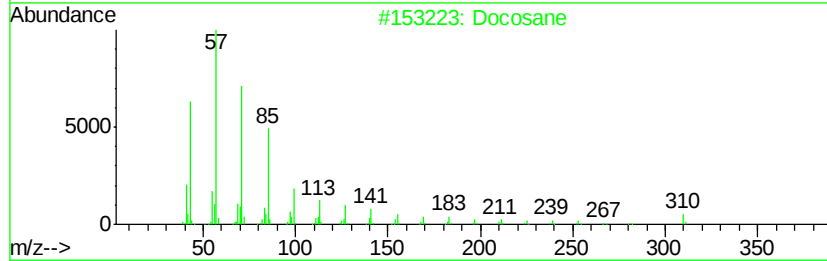
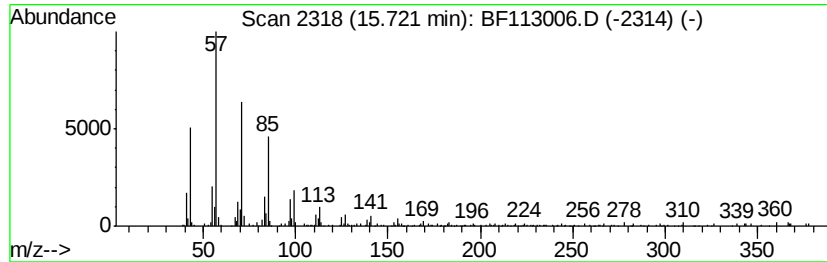
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.96 ng	178605	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Octacosane	394	C28H58	000630-02-4	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
 Data File : BF113006.D
 Acq On : 12 Mar 2019 16:46
 Operator : JU/SJ
 Sample : K1687-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-031119-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	29.2	ng	1390780	1	6.73	951463	20.0
Decane	6.58	4.7	ng	222829	1	6.73	951463	20.0
unknown7.13	7.13	2.6	ng	124917	1	6.73	951463	20.0
Undecane	7.35	10.4	ng	497172	1	6.73	951463	20.0
Cyclohexane, (4-m...	8.32	2.2	ng	201764	2	8.01	1857760	20.0
Decane, 2,6,7-tri...	8.45	2.9	ng	267875	2	8.01	1857760	20.0
Tridecane	8.62	6.9	ng	643361	2	8.01	1857760	20.0
Tetradecane	9.18	7.5	ng	474698	3	9.76	1259020	20.0
Pentadecane	9.71	4.0	ng	254079	3	9.76	1259020	20.0
Hexadecane	10.20	2.2	ng	137828	3	9.76	1259020	20.0
Tetradecane, 1-iodo-	10.67	2.9	ng	154425	4	11.24	1054090	20.0
Hexadecanoic acid...	11.65	3.3	ng	171252	4	11.24	1054090	20.0
n-Hexadecanoic acid	11.77	3.3	ng	171228	4	11.24	1054090	20.0
9,12-Octadecadien...	12.32	14.2	ng	750067	4	11.24	1054090	20.0
15-Octadecenoic a...	12.35	11.0	ng	577908	4	11.24	1054090	20.0
Nonadecane, 1-chl...	13.73	2.2	ng	137655	5	13.86	1239000	20.0
Pentacosane	14.65	2.4	ng	142796	6	15.27	1208030	20.0
Pentadecane, 8-he...	14.96	2.9	ng	174629	6	15.27	1208030	20.0
Docosane	15.72	3.0	ng	178605	6	15.27	1208030	20.0