

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113202.D
 Acq On : 21 Mar 2019 12:15
 Operator : JU/SJ
 Sample : K1688-29 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-E

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	5.334	548	552	562	rBV	237667	277640	17.56%	1.629%
2	6.363	724	727	741	rBV	298479	345247	21.83%	2.025%
3	6.492	745	749	756	rVV	398155	360167	22.78%	2.113%
4	6.569	756	762	768	rVB2	44317	44720	2.83%	0.262%
5	6.722	784	788	791	rBV	1012513	855507	54.10%	5.019%
6	6.875	811	814	823	rVB	347888	317597	20.08%	1.863%
7	7.010	833	837	840	rVB3	18806	22766	1.44%	0.134%
8	7.122	853	856	859	rBV2	40023	34811	2.20%	0.204%
9	7.281	875	883	889	rBV	186381	252788	15.99%	1.483%
10	7.333	889	892	895	rVV	116588	104588	6.61%	0.614%
11	7.375	895	899	902	rVB5	26487	36361	2.30%	0.213%
12	7.533	922	926	929	rVB3	35981	48248	3.05%	0.283%
13	7.633	937	943	950	rBV6	22049	57965	3.67%	0.340%
14	7.733	957	960	964	rBV3	28202	41341	2.61%	0.243%
15	7.769	964	966	970	rVB2	34266	33654	2.13%	0.197%
16	7.845	975	979	981	rVB3	29415	34466	2.18%	0.202%
17	8.004	1002	1006	1013	rBV	1166486	1054113	66.66%	6.184%
18	8.081	1017	1019	1021	rVB	45923	34453	2.18%	0.202%
19	8.180	1031	1036	1038	rBV5	16378	21479	1.36%	0.126%
20	8.204	1038	1040	1044	rVB3	19641	25201	1.59%	0.148%
21	8.304	1052	1057	1060	rBV5	37038	54473	3.44%	0.320%
22	8.357	1064	1066	1069	rBV3	35811	33497	2.12%	0.197%
23	8.392	1069	1072	1075	rBV2	47281	41492	2.62%	0.243%
24	8.439	1076	1080	1082	rBV	53940	54251	3.43%	0.318%
25	8.510	1088	1092	1095	rBV2	50508	46904	2.97%	0.275%
26	8.604	1105	1108	1112	rBV	174987	145226	9.18%	0.852%
27	8.704	1122	1125	1127	rVB2	28186	27954	1.77%	0.164%
28	8.828	1142	1146	1151	rVB3	37850	45364	2.87%	0.266%
29	8.886	1153	1156	1158	rBV4	24438	24111	1.52%	0.141%
30	8.969	1168	1170	1173	rVB	37864	26933	1.70%	0.158%
31	9.033	1178	1181	1185	rVB2	53790	55468	3.51%	0.325%
32	9.075	1185	1188	1193	rBV	421947	368455	23.30%	2.162%
33	9.169	1200	1204	1208	rBV	154839	136481	8.63%	0.801%
34	9.333	1227	1232	1234	rBV6	12689	21688	1.37%	0.127%

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35	9.422	1244	1247	1249	rBV3	21827	25772	1.63%	0.151%
36	9.475	1253	1256	1257	rBV	41990	42812	2.71%	0.251%
37	9.510	1260	1262	1265	rVB2	30733	23431	1.48%	0.137%
38	9.698	1291	1294	1297	rBV	110575	93122	5.89%	0.546%
39	9.751	1298	1303	1313	rVV	1135978	1140481	72.12%	6.691%
40	9.927	1329	1333	1336	rBV6	16085	27006	1.71%	0.158%
41	9.957	1336	1338	1342	rVV3	32227	44718	2.83%	0.262%
42	10.022	1344	1349	1353	rVB7	24335	34677	2.19%	0.203%
43	10.192	1375	1378	1381	rVB	92861	73185	4.63%	0.429%
44	10.416	1413	1416	1421	rVB	37275	38977	2.46%	0.229%
45	10.539	1433	1437	1442	rBV	241699	241171	15.25%	1.415%
46	10.663	1456	1458	1467	rVB	86165	108981	6.89%	0.639%
47	11.110	1532	1534	1537	rBV	71260	60495	3.83%	0.355%
48	11.145	1537	1540	1543	rVB	33469	33059	2.09%	0.194%
49	11.233	1551	1555	1562	rBV	1303749	1136024	71.84%	6.664%
50	11.286	1562	1564	1573	rVB7	12394	22370	1.41%	0.131%
51	11.539	1604	1607	1609	rBV	58848	54268	3.43%	0.318%
52	11.633	1620	1623	1627	rBV	838426	673269	42.58%	3.950%
53	11.768	1642	1646	1655	rBV	433069	522574	33.05%	3.066%
54	11.945	1668	1676	1679	rBV	56048	82809	5.24%	0.486%
55	12.316	1736	1739	1741	rBV	1699504	1581370	100.00%	9.277%
56	12.339	1741	1743	1746	rVB	1980083	1510118	95.49%	8.859%
57	12.421	1754	1757	1760	rBV	314431	295135	18.66%	1.731%
58	12.474	1763	1766	1774	rVB2	78119	129462	8.19%	0.759%
59	12.551	1775	1779	1786	rBV	257545	301746	19.08%	1.770%
60	12.657	1794	1797	1802	rVV2	43178	63106	3.99%	0.370%
61	12.698	1802	1804	1807	rVB2	46954	38739	2.45%	0.227%
62	12.810	1820	1823	1834	rVB	367074	351163	22.21%	2.060%
63	12.980	1849	1852	1854	rBV5	43236	48545	3.07%	0.285%
64	13.057	1862	1865	1870	rVB2	63386	82125	5.19%	0.482%
65	13.145	1878	1880	1883	rBV	38669	32362	2.05%	0.190%
66	13.392	1920	1922	1925	rBV	44717	39850	2.52%	0.234%
67	13.568	1949	1952	1956	rVB5	29935	39863	2.52%	0.234%
68	13.721	1975	1978	1981	rBV	57259	50844	3.22%	0.298%
69	13.815	1991	1994	1997	rBV3	24109	22745	1.44%	0.133%
70	13.862	1998	2002	2009	rBV	890489	882826	55.83%	5.179%
71	14.039	2029	2032	2036	rVB	93395	87907	5.56%	0.516%

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72	14.339	2080	2083	2087	rBV	141142	148628	9.40%	0.872%
73	14.639	2130	2134	2137	rBV	166210	173333	10.96%	1.017%
74	14.951	2184	2187	2192	rVB	178971	202112	12.78%	1.186%
75	15.274	2237	2242	2245	rBV	700170	858749	54.30%	5.038%
76	15.304	2245	2247	2253	rVB	180427	224474	14.19%	1.317%
77	15.709	2313	2316	2323	rVB	135655	184510	11.67%	1.082%
78	16.174	2392	2395	2400	rVB	85172	131810	8.34%	0.773%

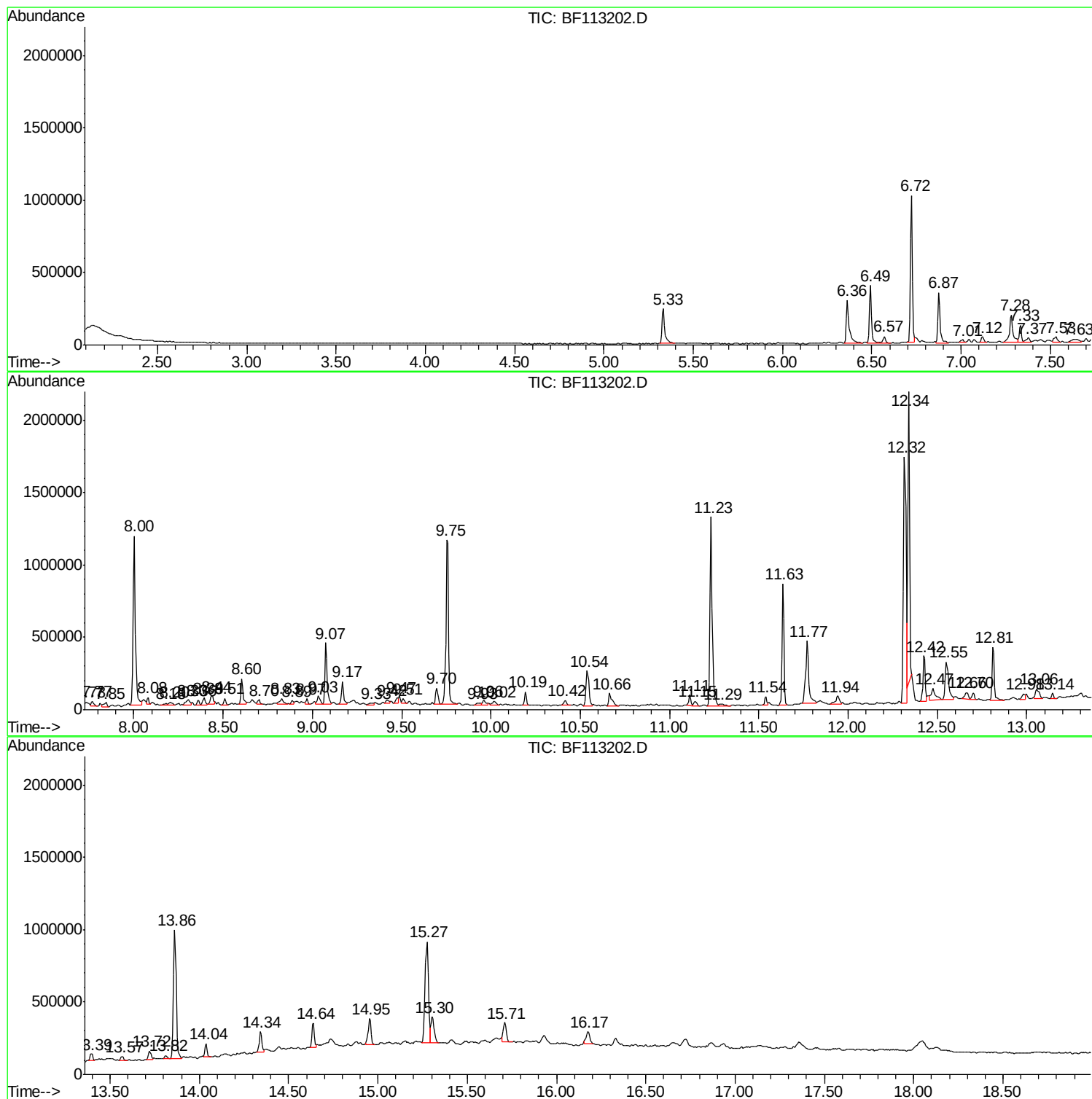
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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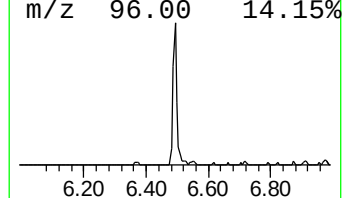
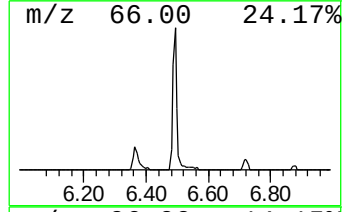
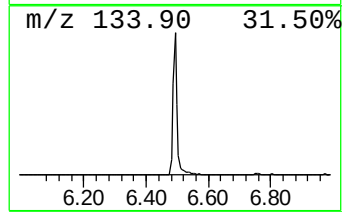
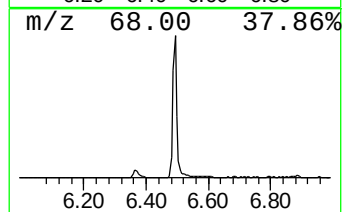
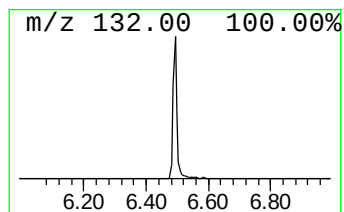
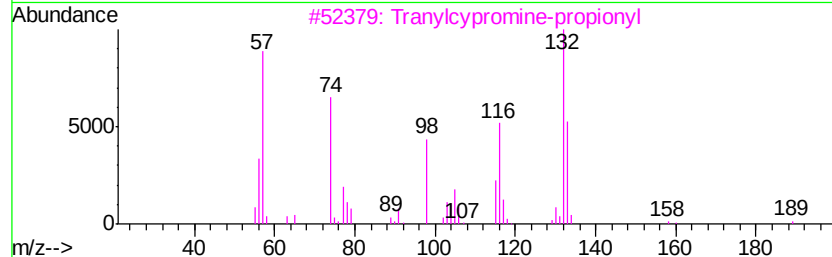
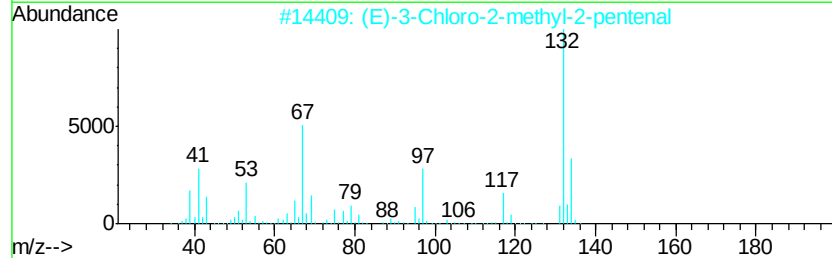
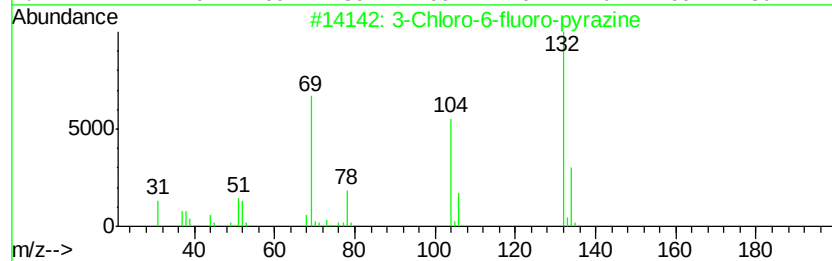
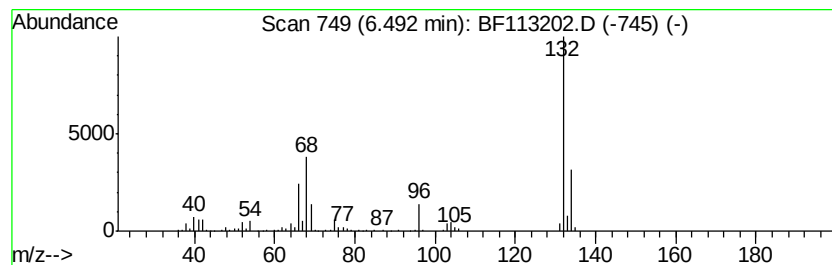
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	8.42 ng	360167	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		1-Aminoindan	133	C9H11N	034698-41-4	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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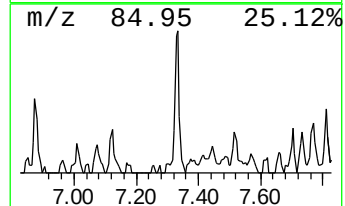
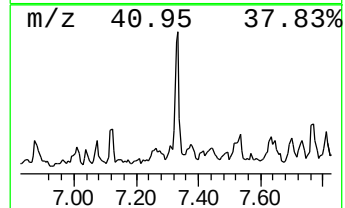
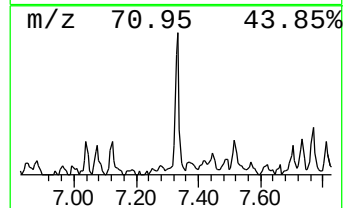
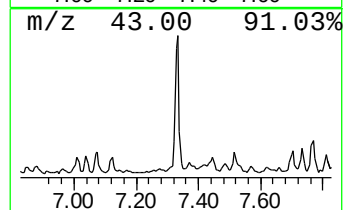
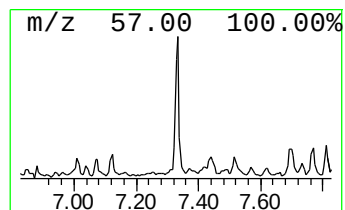
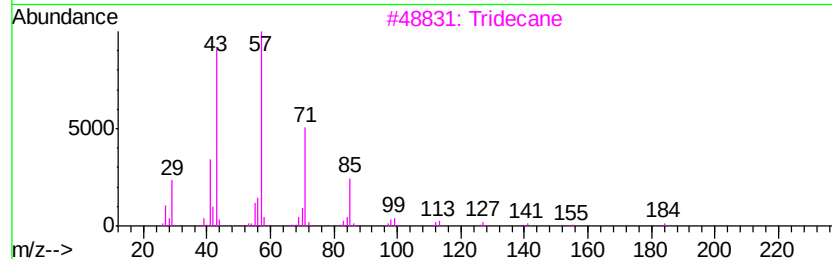
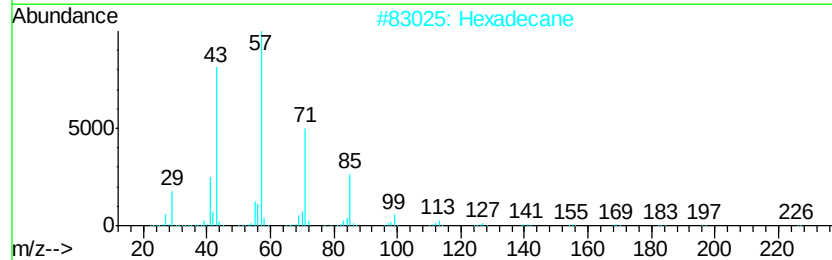
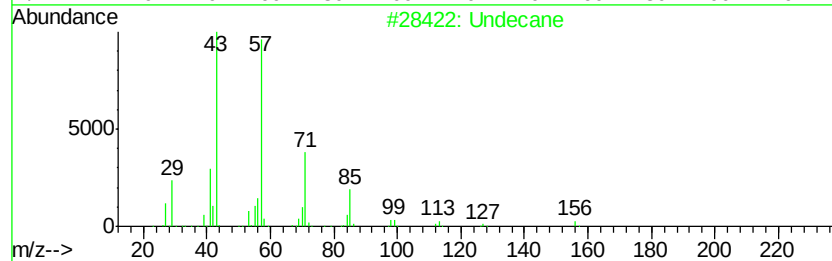
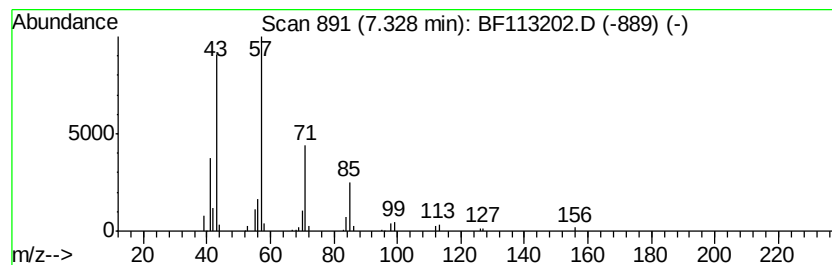
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Undecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	2.45 ng	104588	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	94
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tridecane		184	C13H28	000629-50-5	78
4	Undecane, 4,7-dimethyl-		184	C13H28	017301-32-5	72
5	Decane		142	C10H22	000124-18-5	72



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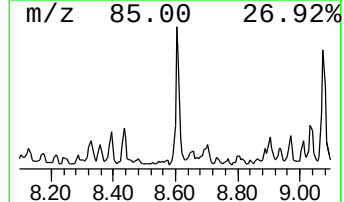
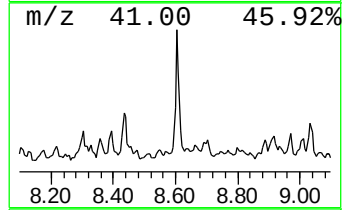
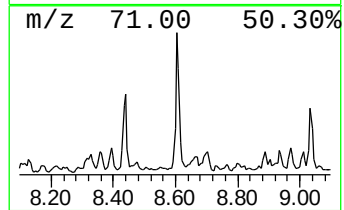
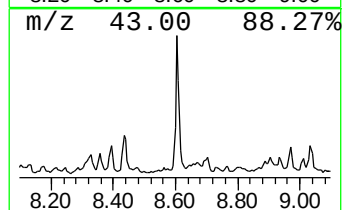
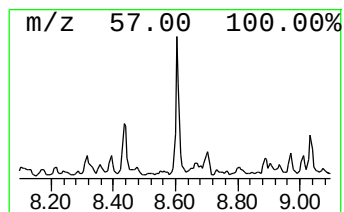
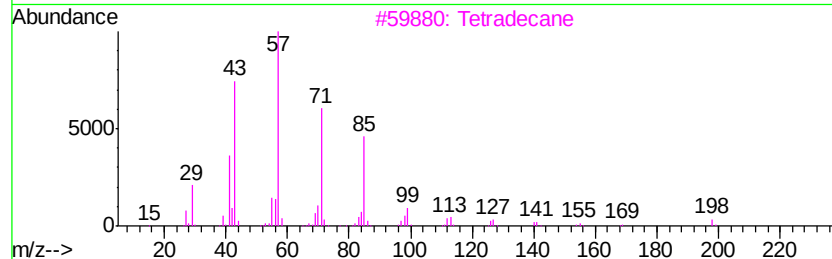
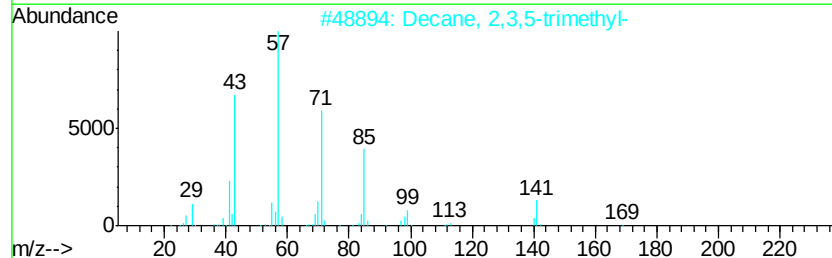
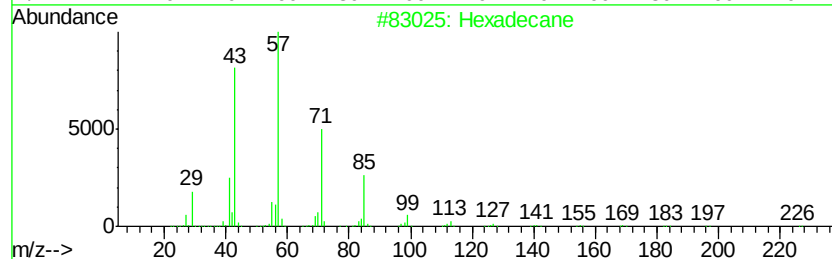
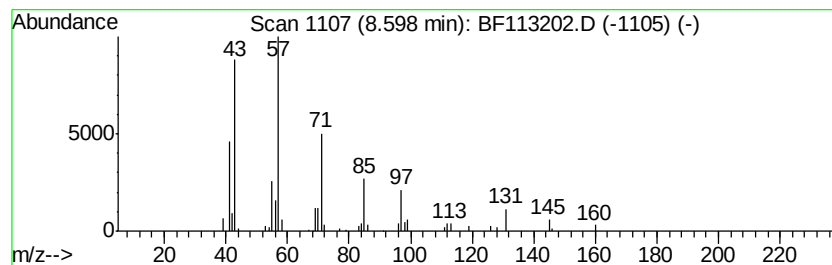
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.76 ng	145226	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Dodecane	170	C12H26	000112-40-3	78
5		Tridecane	184	C13H28	000629-50-5	76



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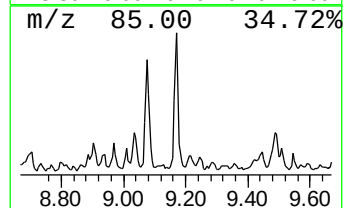
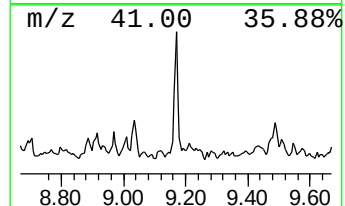
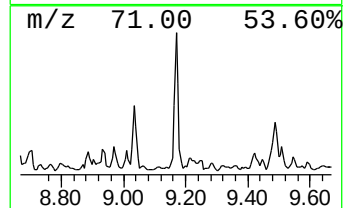
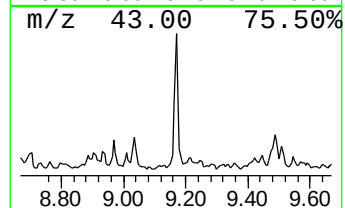
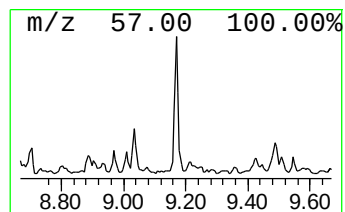
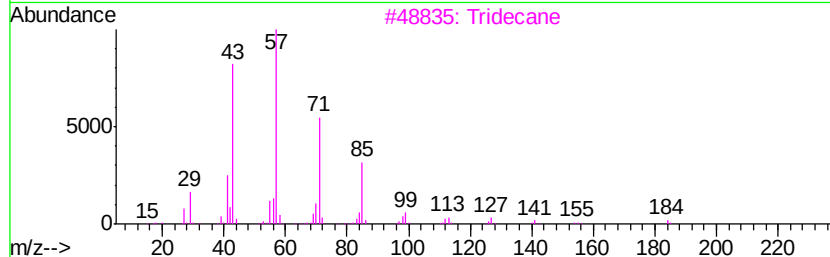
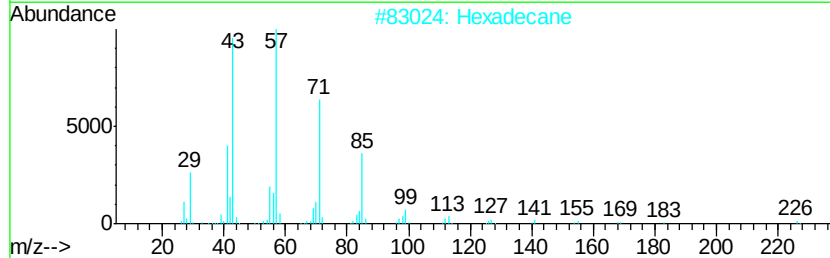
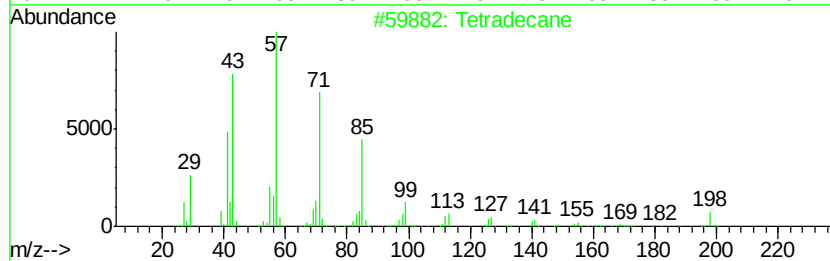
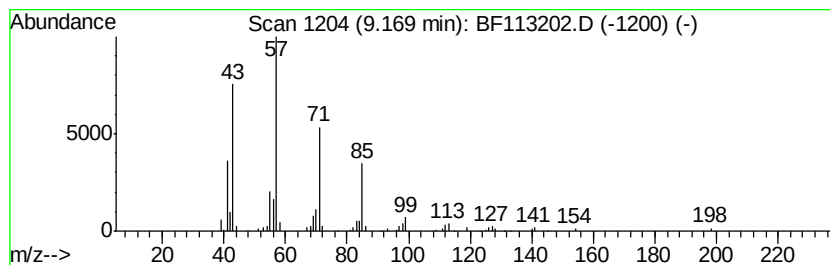
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.39 ng	136481	Acenaphthene-d10	9.75

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
Acq On : 21 Mar 2019 12:15
Operator : JU/SJ
Sample : K1688-29 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-031919-E

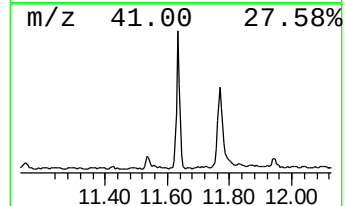
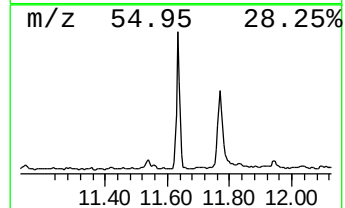
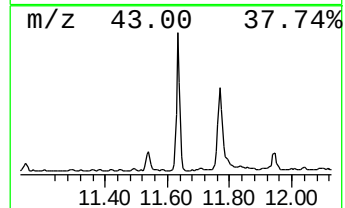
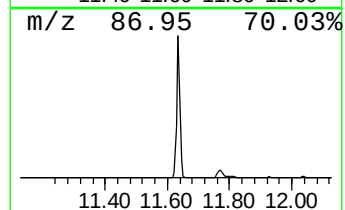
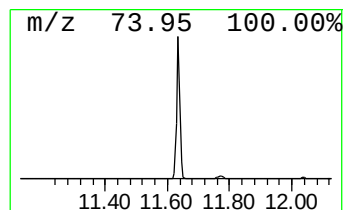
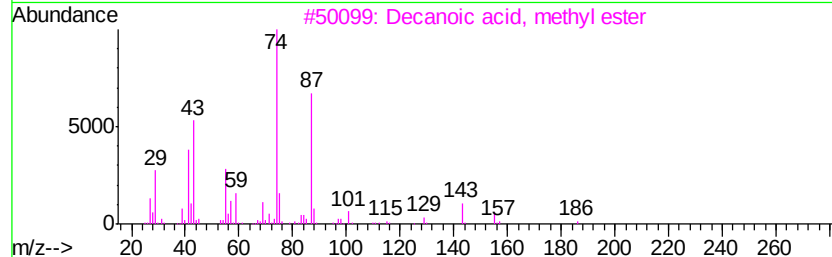
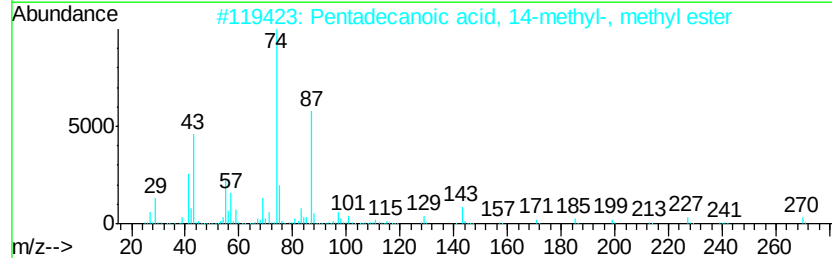
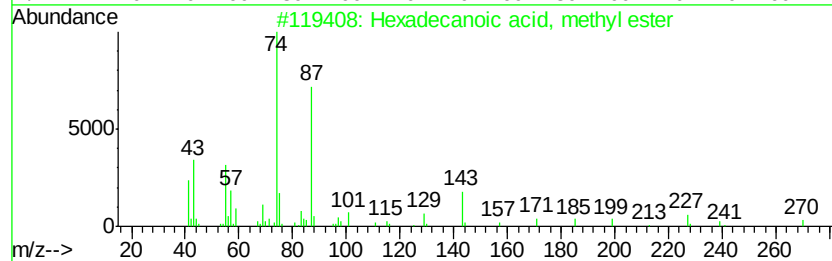
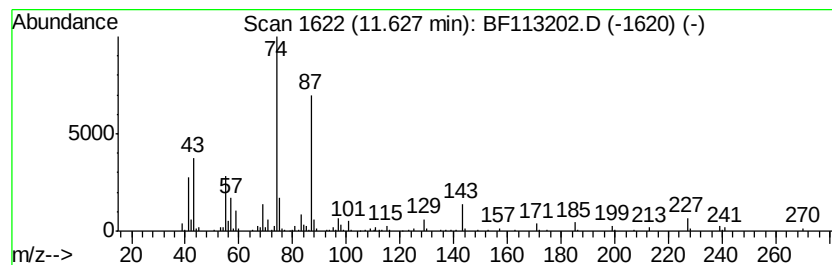
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	11.85 ng	673269	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
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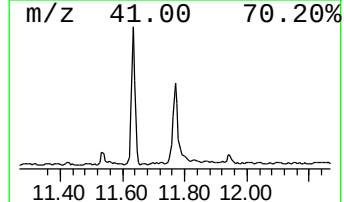
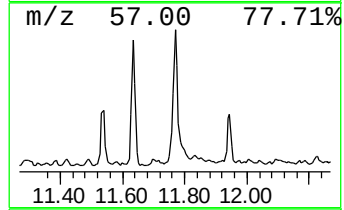
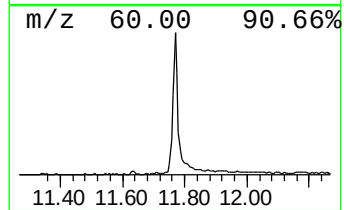
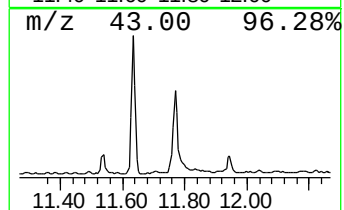
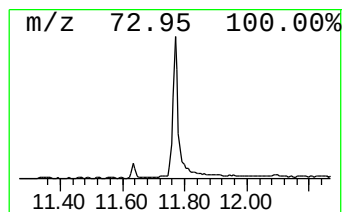
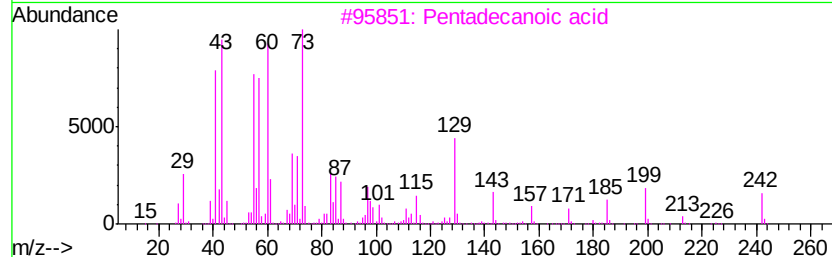
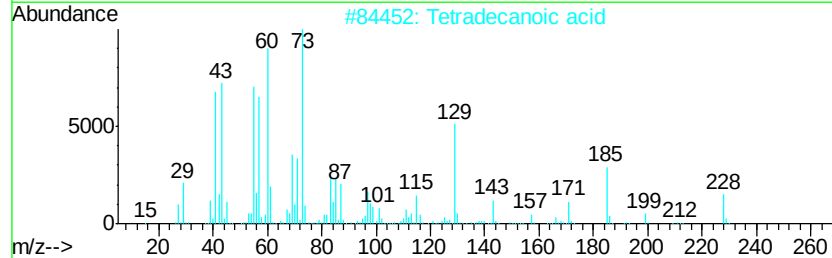
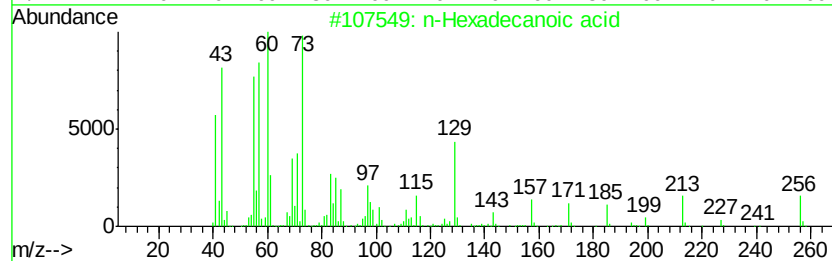
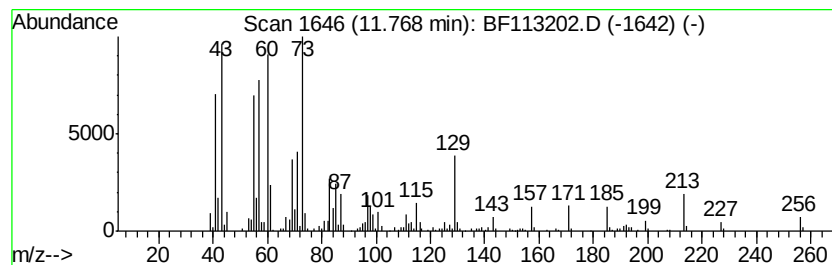
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.20 ng	522574	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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Operator : JU/SJ
Sample : K1688-29 10X
Misc :
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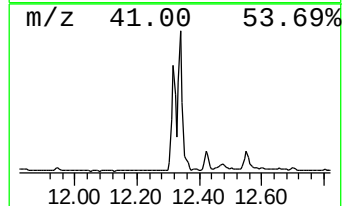
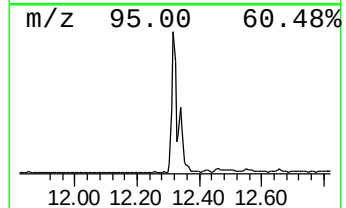
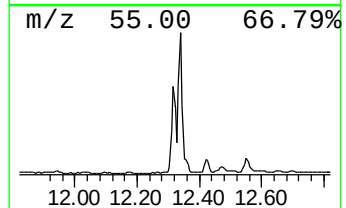
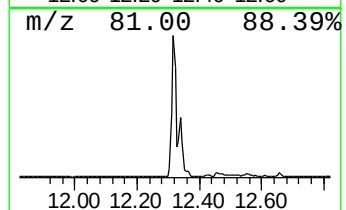
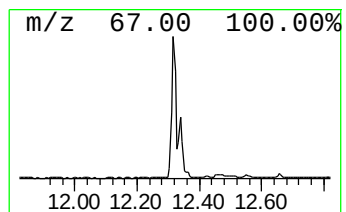
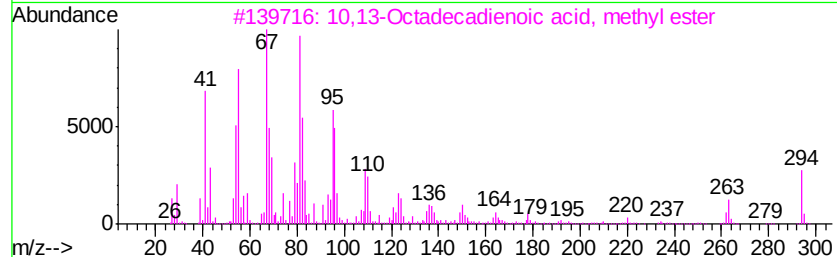
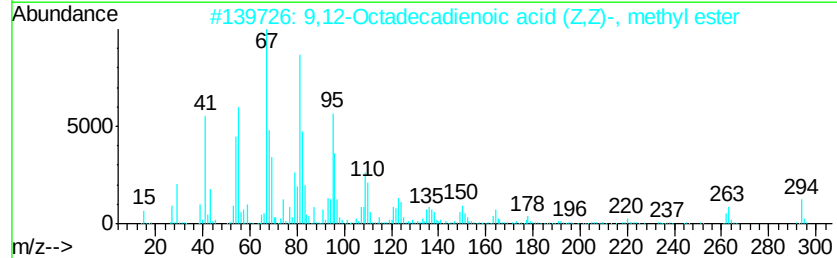
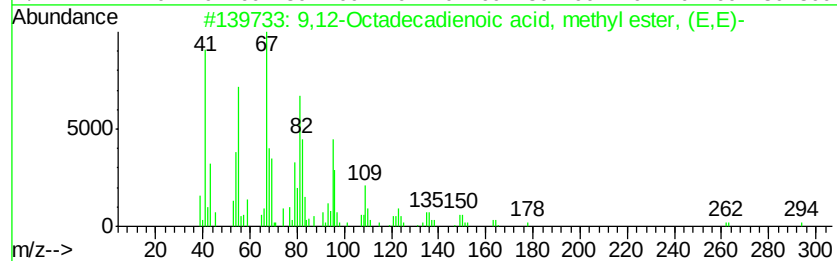
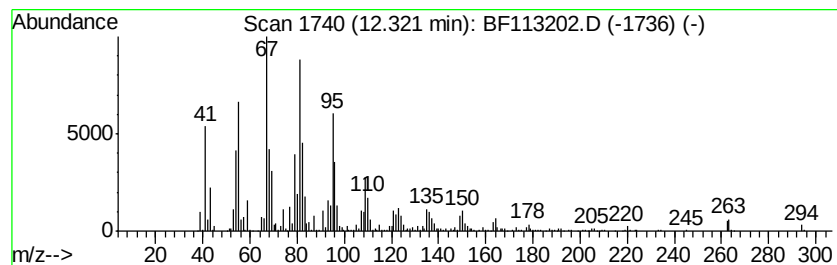
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.32	27.84 ng	1581370	Phenanthrene-d10	11.23		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99	
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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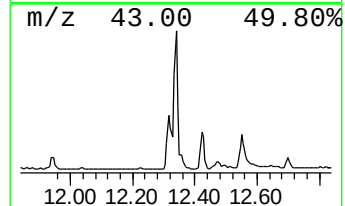
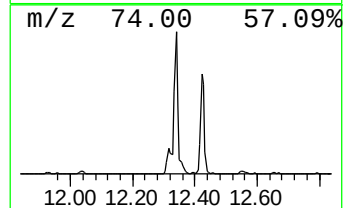
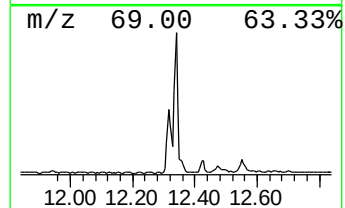
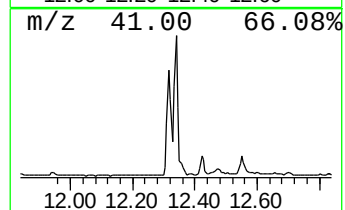
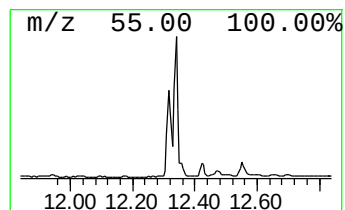
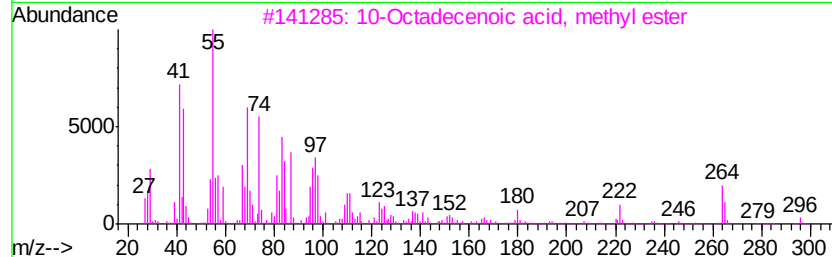
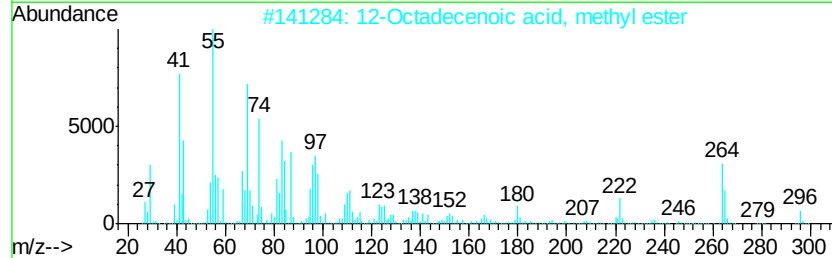
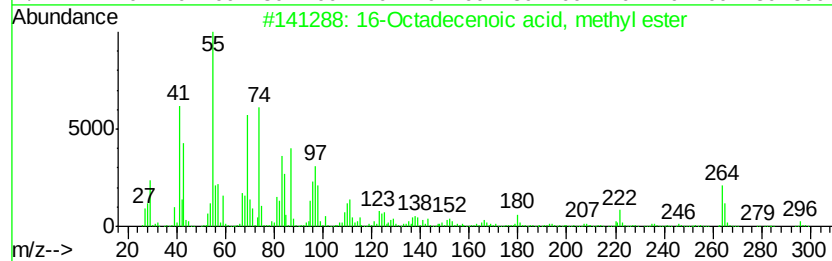
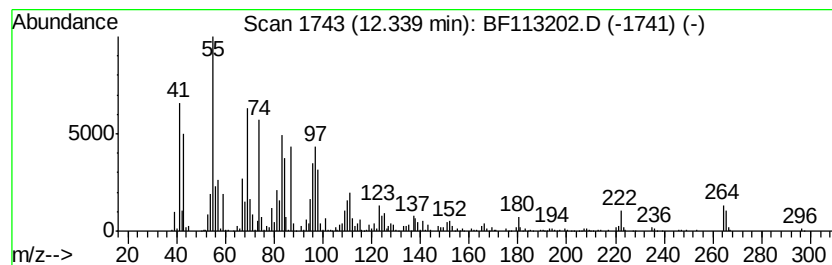
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 16-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	26.59 ng	1510120	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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Sample : K1688-29 10X
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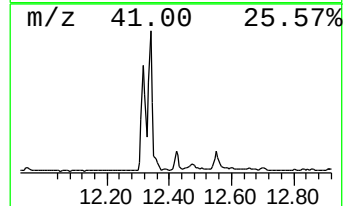
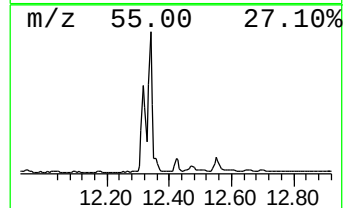
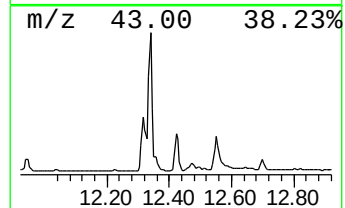
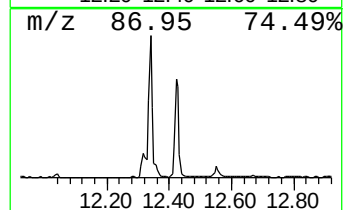
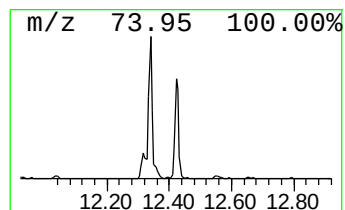
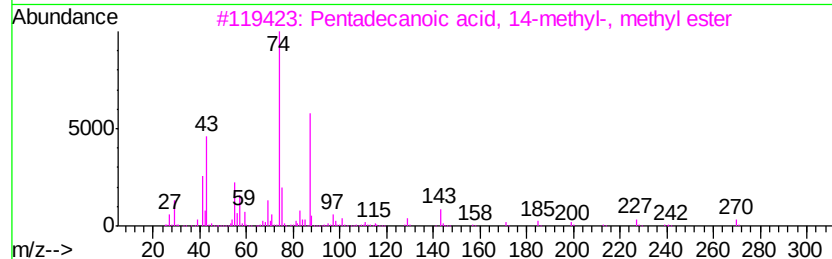
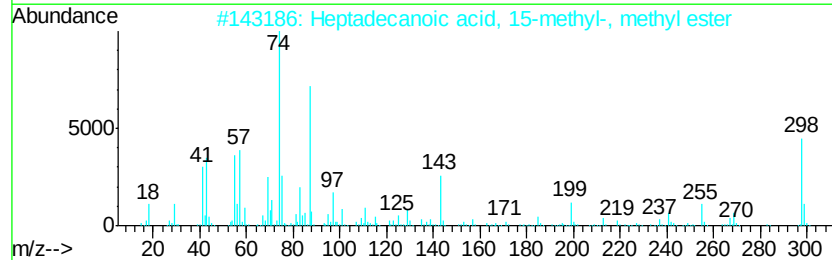
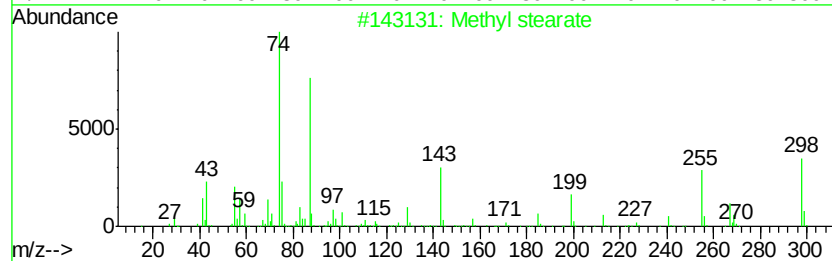
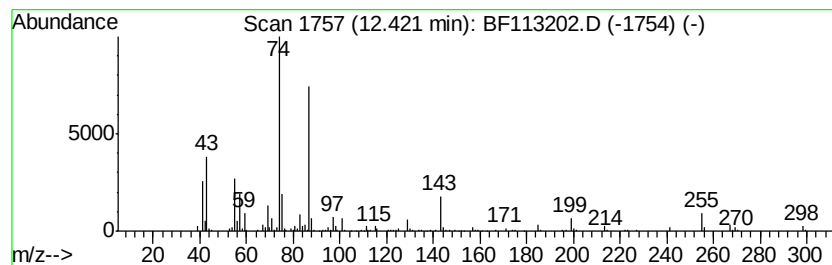
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl stearate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.20 ng	295135	Phenanthrene-d10	11.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 94
3		Pentadecanoic acid, 14-methyl-, ...	270 C17H34O2	005129-60-2 93
4		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 92
5		Heptadecanoic acid, methyl ester	284 C18H36O2	001731-92-6 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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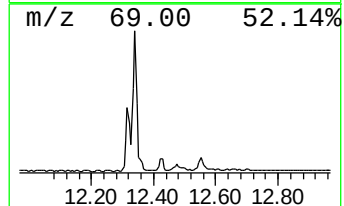
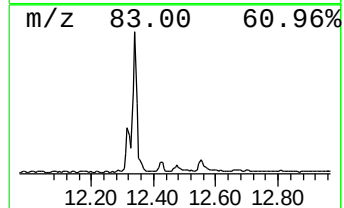
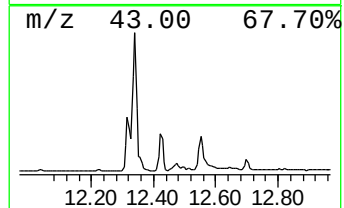
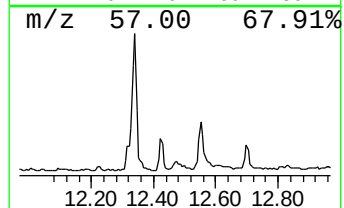
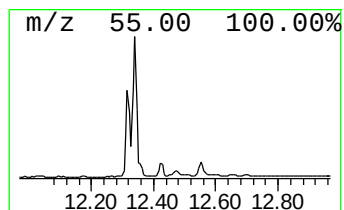
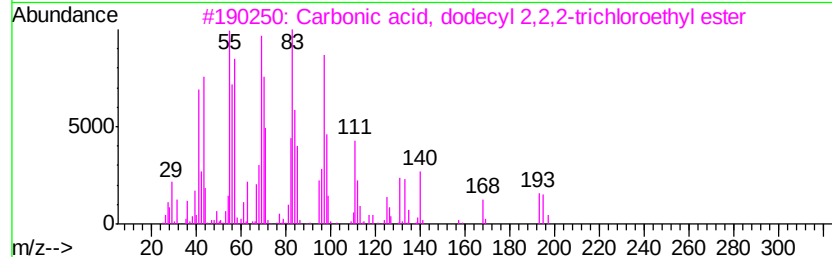
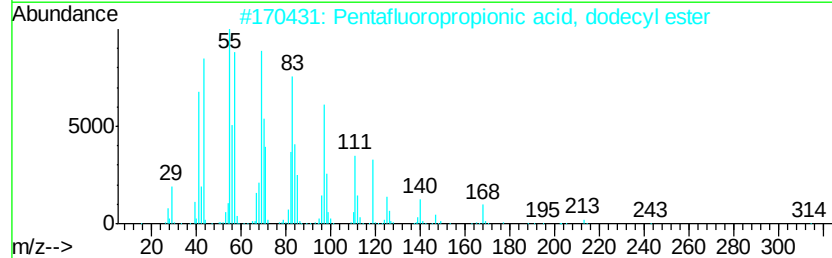
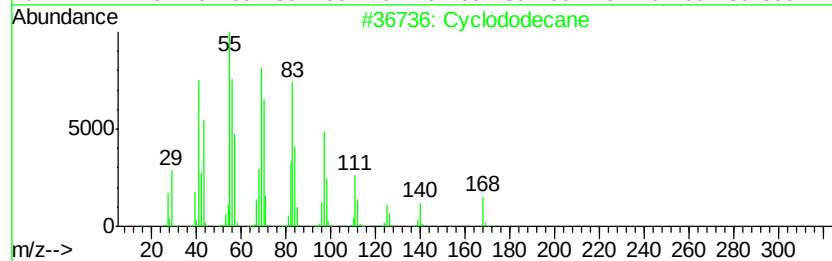
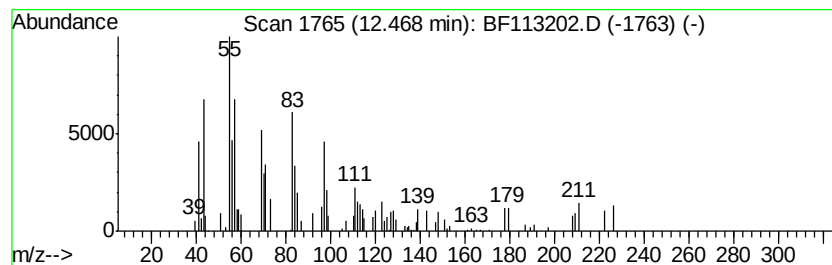
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclododecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.28 ng	129462	Phenanthrene-d10	11.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclododecane	168 C12H24	000294-62-2 93
2		Pentafluoropropionic acid, dodec...	332 C15H25F5O2	006222-04-4 87
3		Carbonic acid, dodecyl 2,2,2-tri...	360 C15H27Cl3O3	1000314-55-8 87
4		Carbonic acid, tridecyl 2,2,2-tr...	374 C16H29Cl3O3	1000314-55-9 87
5		Chloroacetic acid, tetradecyl ester	290 C16H31ClO2	018277-86-6 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
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Sample : K1688-29 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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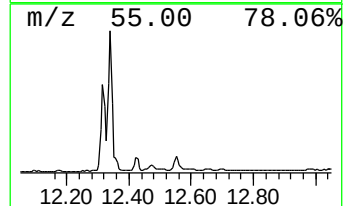
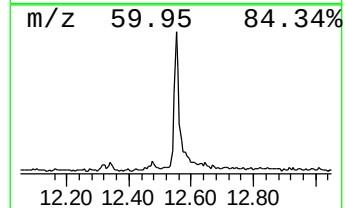
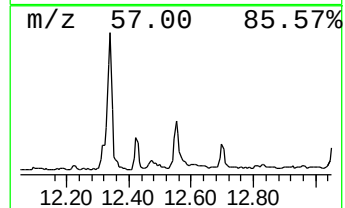
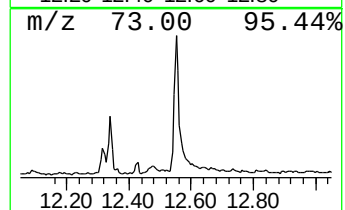
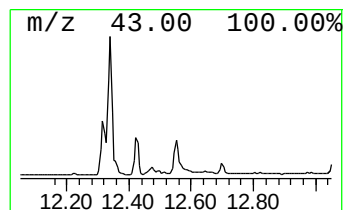
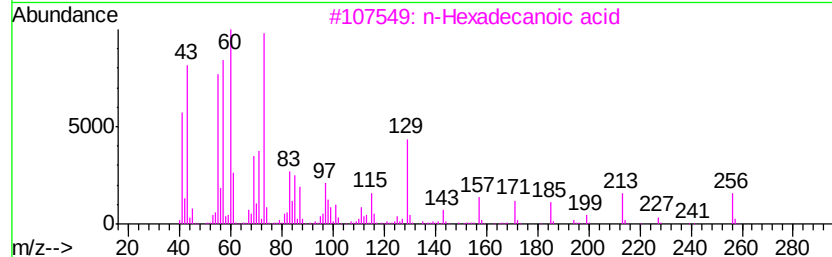
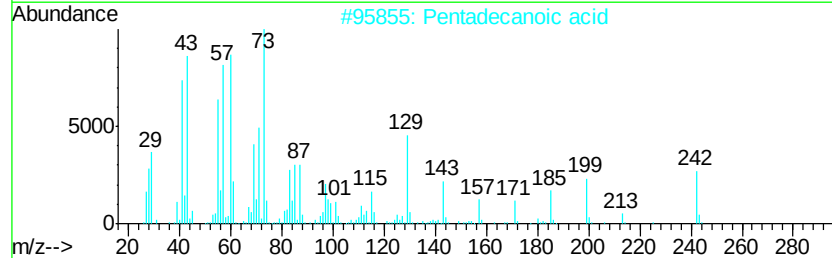
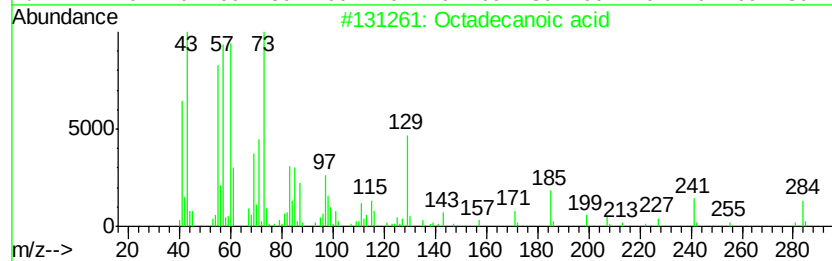
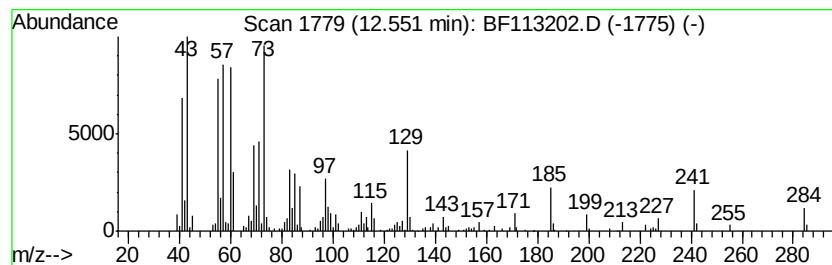
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	6.84 ng	301746	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
Acq On : 21 Mar 2019 12:15
Operator : JU/SJ
Sample : K1688-29 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-E

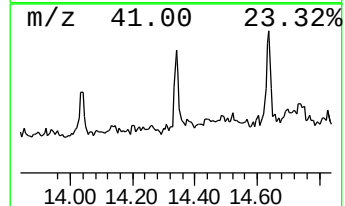
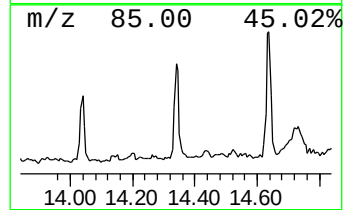
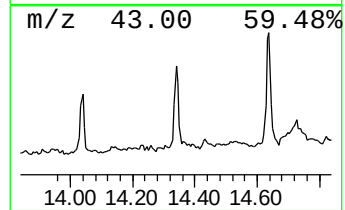
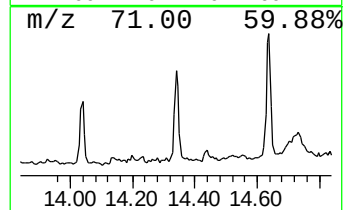
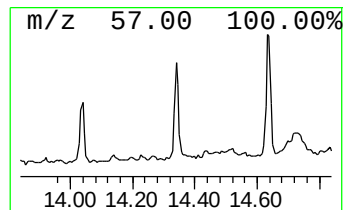
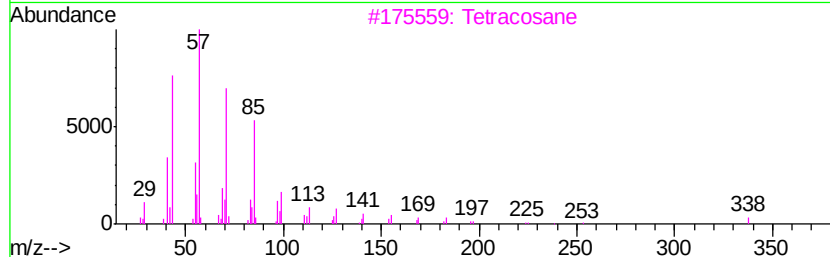
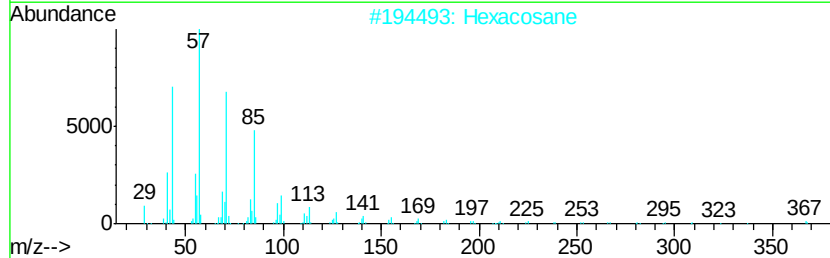
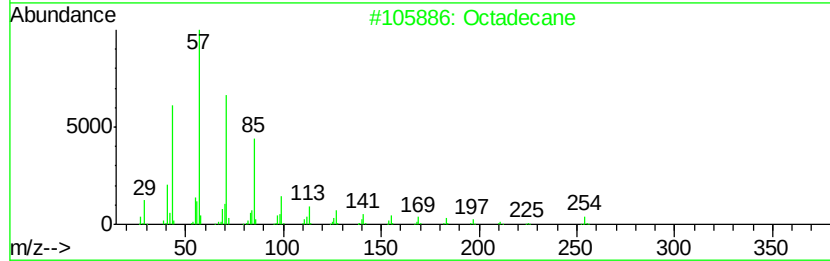
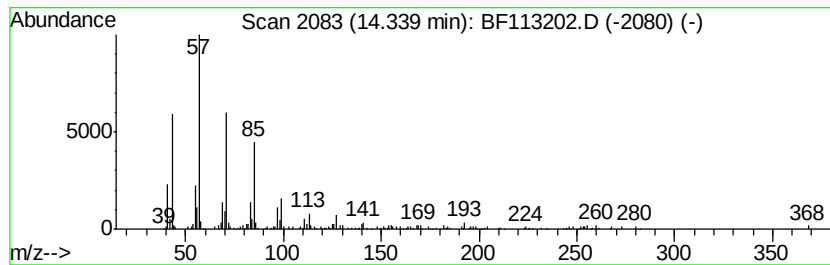
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.37 ng	148628	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
Acq On : 21 Mar 2019 12:15
Operator : JU/SJ
Sample : K1688-29 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-031919-E

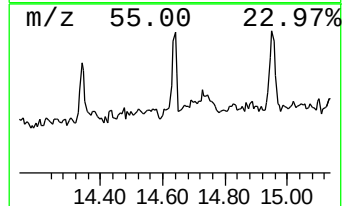
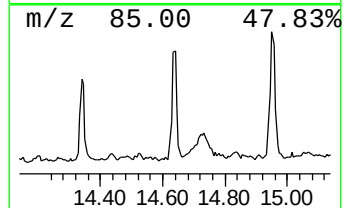
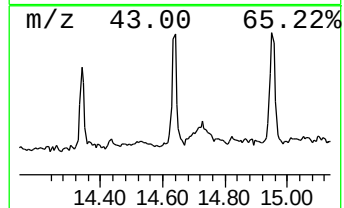
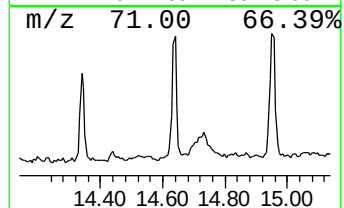
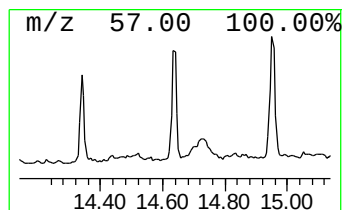
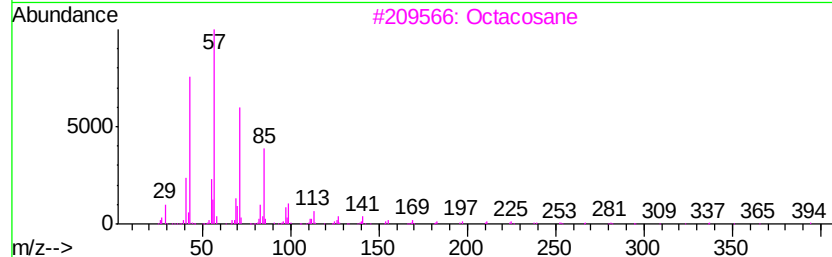
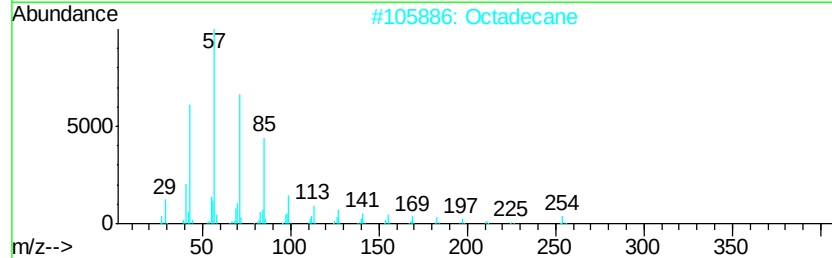
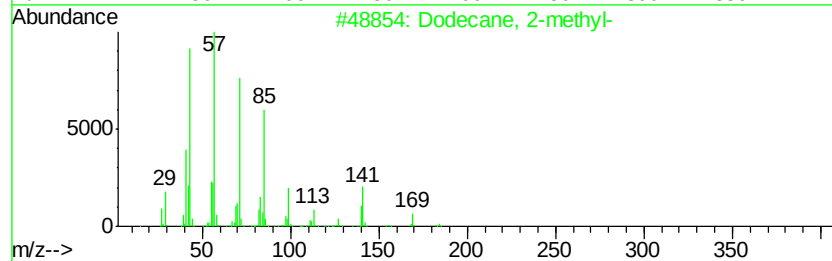
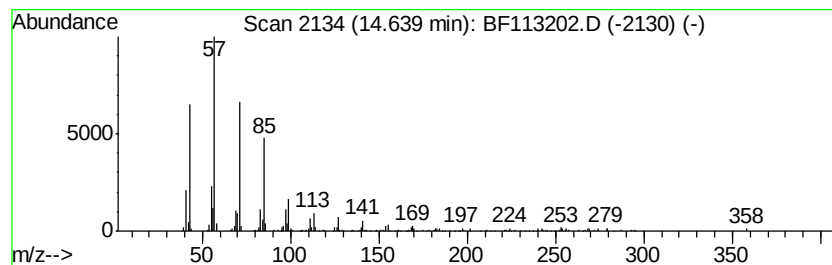
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.04 ng	173333	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2		Octadecane	254	C18H38	000593-45-3	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Hentriacontane	437	C31H64	000630-04-6	86
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
Acq On : 21 Mar 2019 12:15
Operator : JU/SJ
Sample : K1688-29 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-E

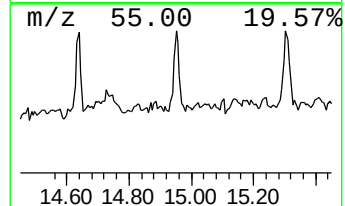
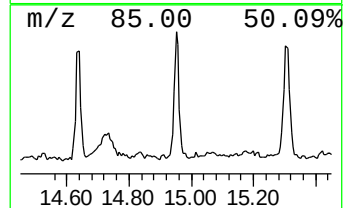
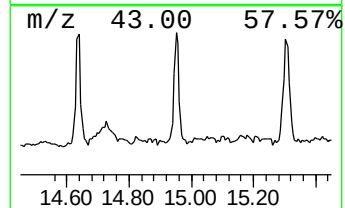
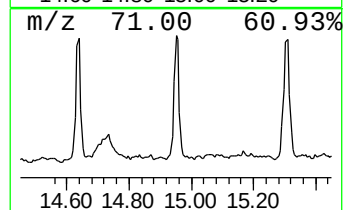
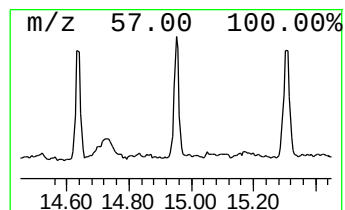
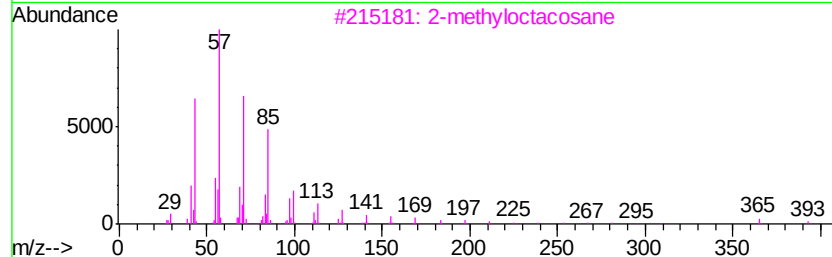
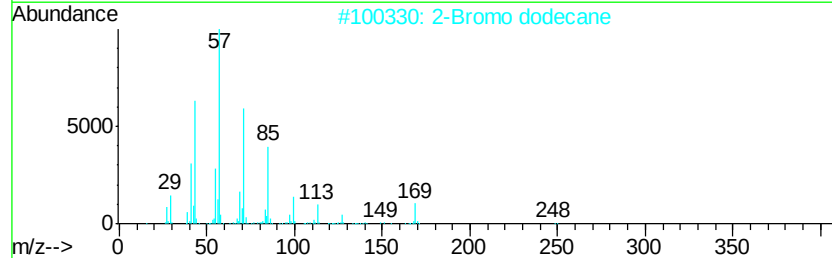
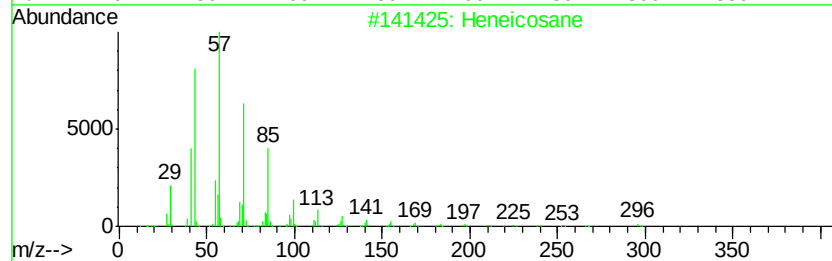
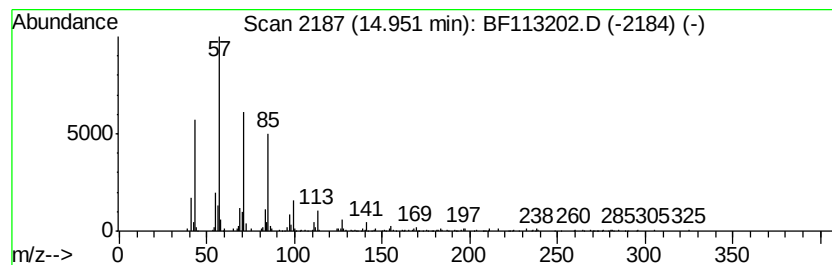
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.71 ng	202112	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	92
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
Acq On : 21 Mar 2019 12:15
Operator : JU/SJ
Sample : K1688-29 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-031919-E

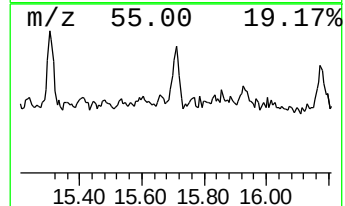
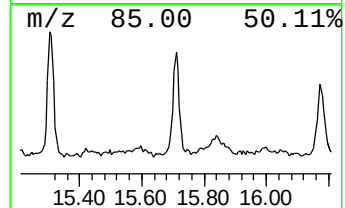
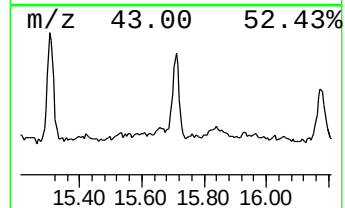
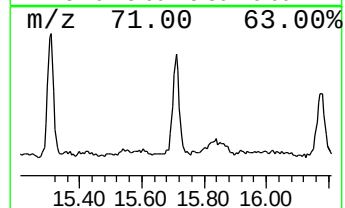
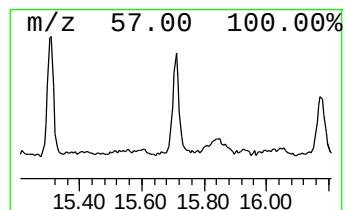
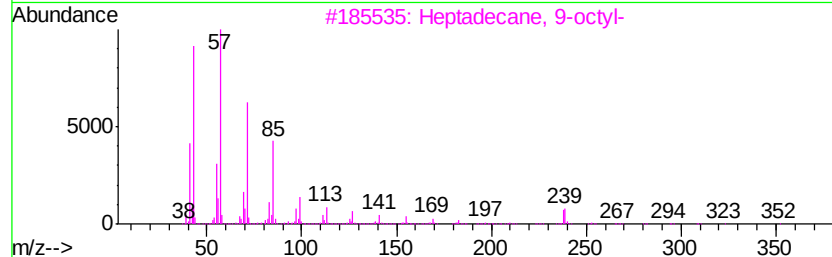
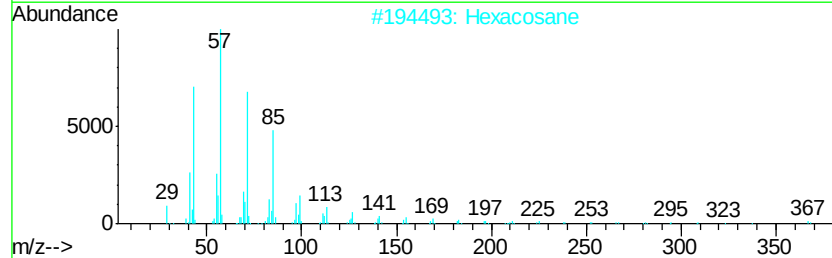
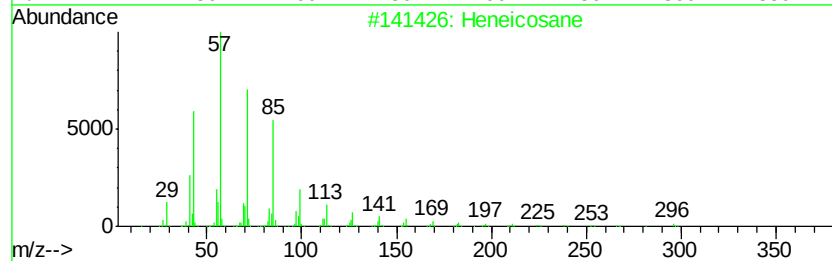
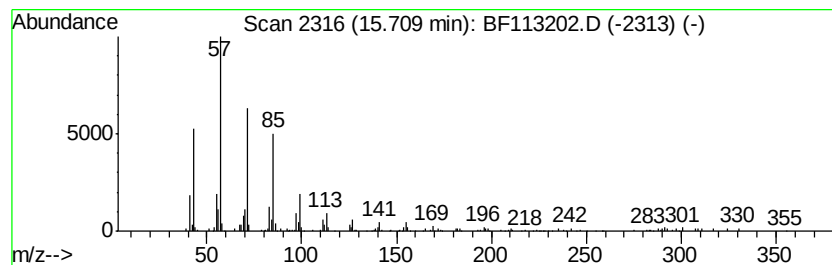
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	4.30 ng	184510	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5		Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113202.D
Acq On : 21 Mar 2019 12:15
Operator : JU/SJ
Sample : K1688-29 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-031919-E

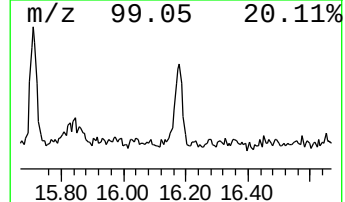
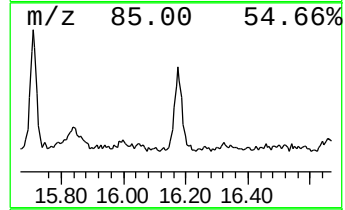
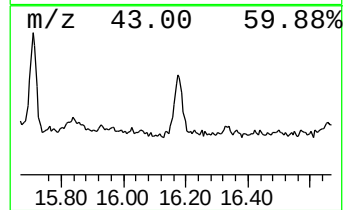
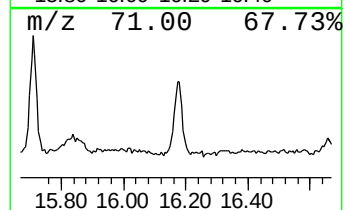
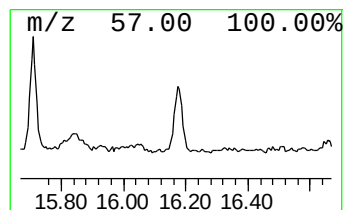
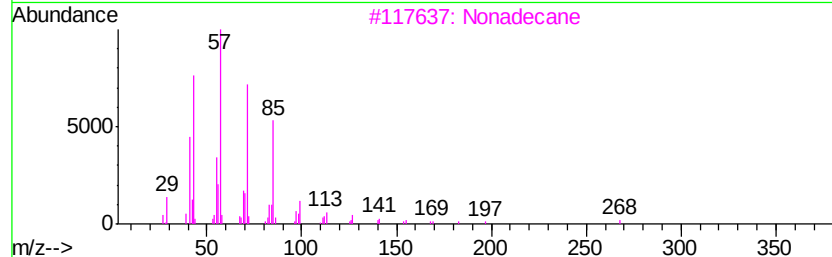
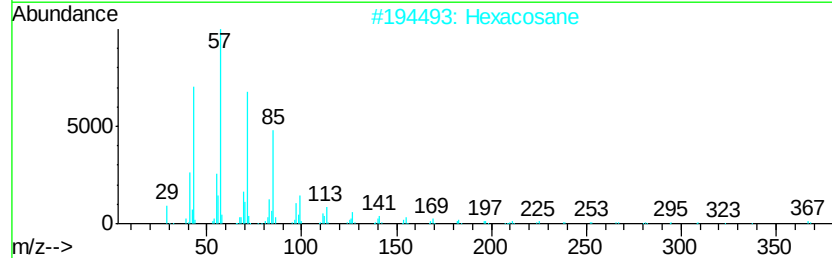
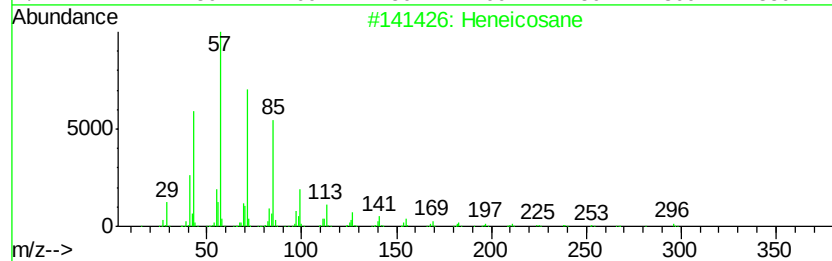
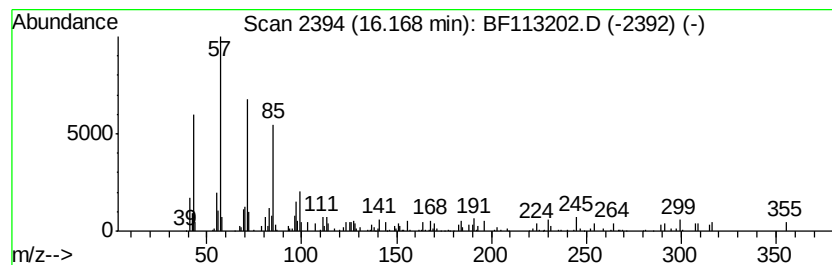
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	3.07 ng	131810	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	80
2		Hexacosane	366	C26H54	000630-01-3	72
3		Nonadecane	268	C19H40	000629-92-5	62
4		Hentriacontane	437	C31H64	000630-04-6	58
5		Tetratetracontane	619	C44H90	007098-22-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113202.D
 Acq On : 21 Mar 2019 12:15
 Operator : JU/SJ
 Sample : K1688-29 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-E

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
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Undecane	7.33	2.5	ng	104588	1	6.72	855507	20.0
Hexadecane	8.60	2.8	ng	145226	2	8.00	1054110	20.0
Tetradecane	9.17	2.4	ng	136481	3	9.75	1140480	20.0
Hexadecanoic acid...	11.63	11.9	ng	673269	4	11.23	1136020	20.0
n-Hexadecanoic acid	11.77	9.2	ng	522574	4	11.23	1136020	20.0
9,12-Octadecadien...	12.32	27.8	ng	1581370	4	11.23	1136020	20.0
16-Octadecenoic a...	12.34	26.6	ng	1510120	4	11.23	1136020	20.0
Methyl stearate	12.42	5.2	ng	295135	4	11.23	1136020	20.0
Cyclododecane	12.47	2.3	ng	129462	4	11.23	1136020	20.0
Octadecanoic acid	12.55	6.8	ng	301746	5	13.86	882826	20.0
Octadecane	14.34	3.4	ng	148628	5	13.86	882826	20.0
Dodecane, 2-methyl-	14.64	4.0	ng	173333	6	15.27	858749	20.0
Heneicosane	14.95	4.7	ng	202112	6	15.27	858749	20.0
Hexacosane	15.71	4.3	ng	184510	6	15.27	858749	20.0
Nonadecane	16.17	3.1	ng	131810	6	15.27	858749	20.0