

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112825.D
 Acq On : 4 Mar 2019 15:39
 Operator : JU/SJ
 Sample : K1688-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-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	5.351	550	555	566	rVB	2173906	2092178	27.50%	3.783%
2	6.375	725	729	736	rVB	2454814	2138915	28.11%	3.867%
3	6.510	746	752	756	rBV	2518469	2294705	30.16%	4.149%
4	6.575	760	763	765	rVV	134446	123613	1.62%	0.224%
5	6.598	765	767	773	rVB	303164	242266	3.18%	0.438%
6	6.745	788	792	795	rBV	1271786	989662	13.01%	1.789%
7	6.904	815	819	822	rBV	1875497	1678737	22.07%	3.035%
8	7.028	837	840	844	rVB2	77771	99922	1.31%	0.181%
9	7.069	844	847	850	rVB2	123000	105233	1.38%	0.190%
10	7.145	857	860	864	rBV	152503	123778	1.63%	0.224%
11	7.298	880	886	893	rBV	1370951	1475701	19.40%	2.668%
12	7.357	893	896	899	rVV	503888	398618	5.24%	0.721%
13	7.404	899	904	907	rVB5	72971	116852	1.54%	0.211%
14	7.557	926	930	934	rVB3	109547	164181	2.16%	0.297%
15	7.763	961	965	968	rBV3	117947	171761	2.26%	0.311%
16	7.792	968	970	974	rVB2	129877	138543	1.82%	0.251%
17	7.869	980	983	986	rVB2	118676	115148	1.51%	0.208%
18	8.028	1006	1010	1013	rBV	1783736	1656464	21.77%	2.995%
19	8.104	1021	1023	1025	rVB	169939	113347	1.49%	0.205%
20	8.328	1056	1061	1064	rBV5	130209	167802	2.21%	0.303%
21	8.386	1068	1071	1073	rBV2	130746	107200	1.41%	0.194%
22	8.416	1073	1076	1079	rBV2	152519	145132	1.91%	0.262%
23	8.463	1081	1084	1088	rBV2	182425	176719	2.32%	0.320%
24	8.533	1093	1096	1099	rBV2	168953	157202	2.07%	0.284%
25	8.633	1109	1113	1116	rBV	610215	551595	7.25%	0.997%
26	8.733	1126	1130	1136	rVB3	107404	179247	2.36%	0.324%
27	8.851	1144	1150	1152	rBV3	147986	176159	2.32%	0.319%
28	8.992	1172	1174	1178	rVB	118643	95187	1.25%	0.172%
29	9.033	1178	1181	1183	rBV	83054	80026	1.05%	0.145%
30	9.063	1183	1186	1189	rVB2	168708	146699	1.93%	0.265%
31	9.098	1189	1192	1198	rBV	2310059	2025065	26.62%	3.662%
32	9.192	1205	1208	1213	rBV	609401	526332	6.92%	0.952%
33	9.251	1214	1218	1220	rVV2	73328	83367	1.10%	0.151%
34	9.363	1232	1237	1244	rBV7	77540	161183	2.12%	0.291%

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35	9.492	1257	1259	1261	rBV	128389	147929	1.94%	0.267%
36	9.533	1264	1266	1270	rVV4	148276	159233	2.09%	0.288%
37	9.569	1270	1272	1275	rVB2	82841	76844	1.01%	0.139%
38	9.722	1295	1298	1301	rBV	586214	438140	5.76%	0.792%
39	9.775	1302	1307	1311	rBV2	1301371	1216613	15.99%	2.200%
40	9.963	1334	1339	1340	rBV2	66962	108898	1.43%	0.197%
41	9.980	1340	1342	1345	rVB	114855	106434	1.40%	0.192%
42	10.045	1350	1353	1357	rVB3	120736	127929	1.68%	0.231%
43	10.222	1379	1383	1386	rVB	471283	380898	5.01%	0.689%
44	10.322	1397	1400	1402	rBV	102501	100246	1.32%	0.181%
45	10.439	1416	1420	1423	rBV	150188	163914	2.15%	0.296%
46	10.557	1437	1440	1445	rVV	1382534	1215653	15.98%	2.198%
47	10.692	1460	1463	1470	rVB	447511	505357	6.64%	0.914%
48	10.886	1493	1496	1500	rBV3	48980	77834	1.02%	0.141%
49	11.139	1536	1539	1542	rBV2	363521	329241	4.33%	0.595%
50	11.169	1542	1544	1549	rVB	136818	125869	1.65%	0.228%
51	11.251	1555	1558	1560	rBV	1136778	991531	13.03%	1.793%
52	11.274	1560	1562	1566	rVV	569543	472820	6.21%	0.855%
53	11.327	1567	1571	1574	rVB	133962	140136	1.84%	0.253%
54	11.563	1608	1611	1613	rBV	327793	267218	3.51%	0.483%
55	11.580	1613	1614	1618	rVB2	124270	88246	1.16%	0.160%
56	11.663	1624	1628	1631	rBV	3088627	2659662	34.96%	4.809%
57	11.792	1646	1650	1653	rBV2	306920	316749	4.16%	0.573%
58	11.863	1659	1662	1665	rBV2	103811	132920	1.75%	0.240%
59	11.969	1675	1680	1685	rVB	263842	276075	3.63%	0.499%
60	12.063	1694	1696	1703	rVB4	72383	84013	1.10%	0.152%
61	12.345	1740	1744	1746	rBV	5787312	6443266	84.69%	11.650%
62	12.368	1746	1748	1754	rVV	7130321	7607847	100.00%	13.756%
63	12.451	1759	1762	1766	rBV2	1530557	1630230	21.43%	2.948%
64	12.498	1768	1770	1773	rVB	364799	300434	3.95%	0.543%
65	12.574	1781	1783	1788	rVB2	129167	117744	1.55%	0.213%
66	12.686	1797	1802	1806	rBV2	680798	737601	9.70%	1.334%
67	12.727	1806	1809	1812	rVV	167058	138106	1.82%	0.250%
68	12.833	1824	1827	1831	rBV	1962474	1739350	22.86%	3.145%
69	13.004	1853	1856	1858	rBV3	224356	237370	3.12%	0.429%
70	13.092	1866	1871	1874	rBV2	286459	422193	5.55%	0.763%
71	13.174	1882	1885	1889	rBV	237041	259769	3.41%	0.470%

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72	13.327	1908	1911	1916	rVB6	126654	149777	1.97%	0.271%
73	13.421	1924	1927	1930	rBV	177626	162210	2.13%	0.293%
74	13.739	1978	1981	1986	rBV2	267024	362096	4.76%	0.655%
75	13.839	1995	1998	2000	rBV	178359	161024	2.12%	0.291%
76	13.880	2000	2005	2008	rVV2	1419491	1470117	19.32%	2.658%
77	13.904	2008	2009	2012	rVB	200861	121591	1.60%	0.220%
78	14.063	2034	2036	2039	rVB2	218041	180696	2.38%	0.327%
79	14.345	2081	2084	2086	rBV3	161122	208550	2.74%	0.377%
80	14.368	2086	2088	2093	rVB	232129	231512	3.04%	0.419%
81	14.457	2101	2103	2107	rVB3	105143	102141	1.34%	0.185%
82	14.668	2136	2139	2143	rVB	255928	275607	3.62%	0.498%
83	14.768	2152	2156	2165	rVB	396415	594014	7.81%	1.074%
84	14.986	2190	2193	2200	rVB2	314275	354619	4.66%	0.641%
85	15.298	2241	2246	2249	rBV	782294	940680	12.36%	1.701%
86	15.345	2251	2254	2264	rVB	286809	390118	5.13%	0.705%
87	15.751	2320	2323	2327	rVB	188421	238965	3.14%	0.432%

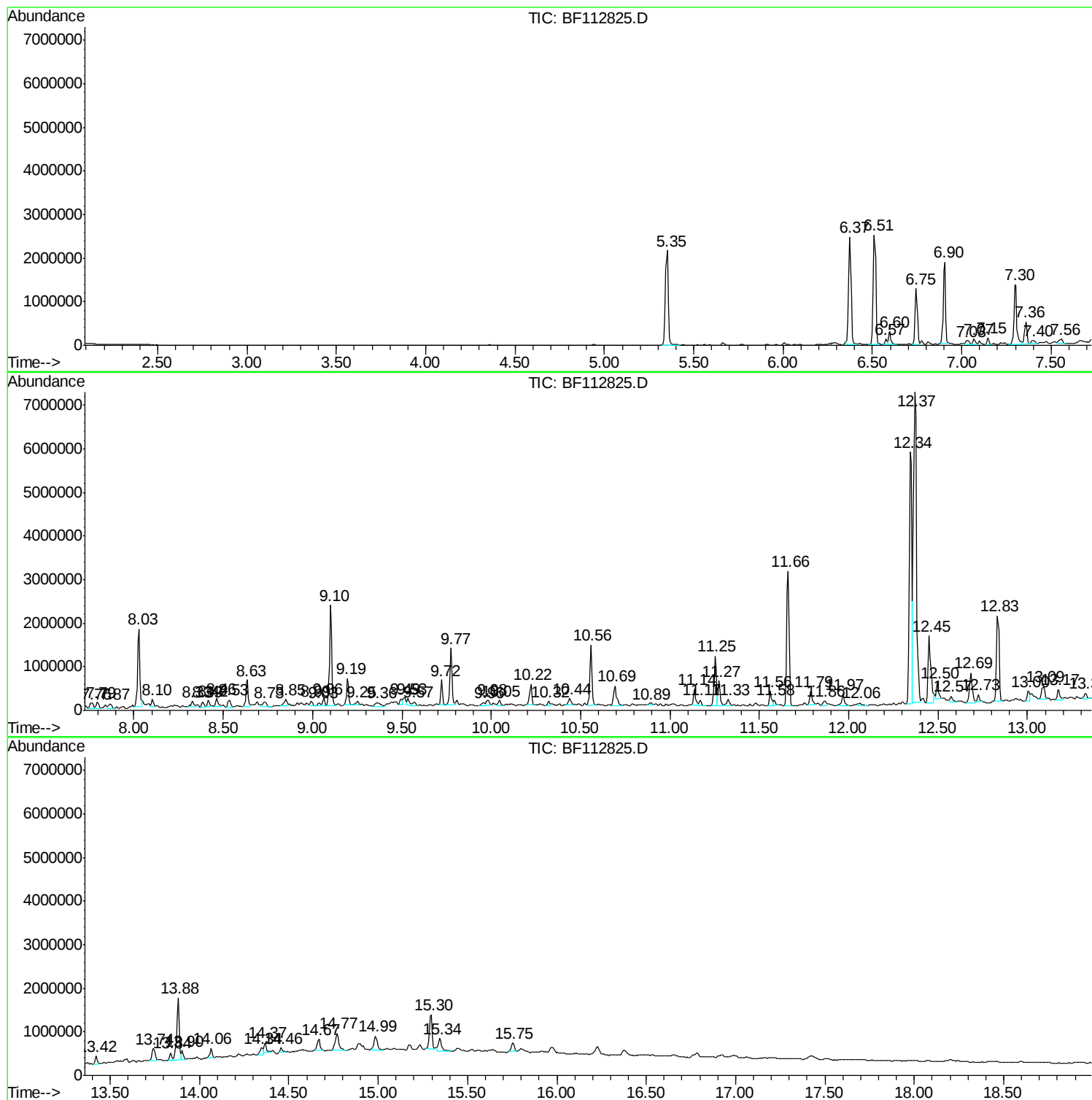
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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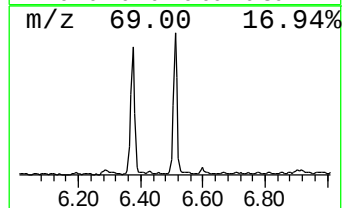
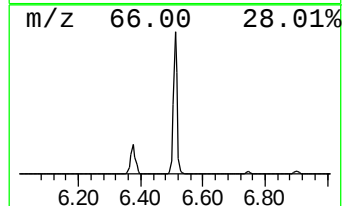
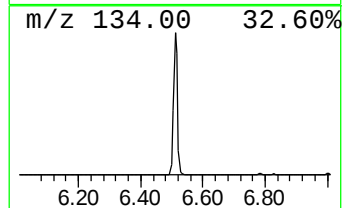
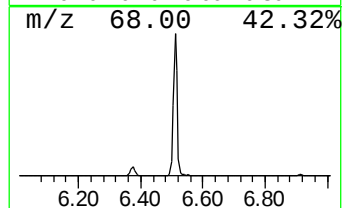
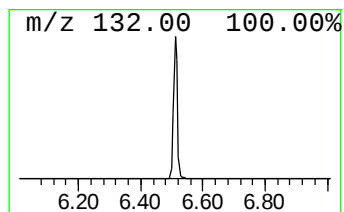
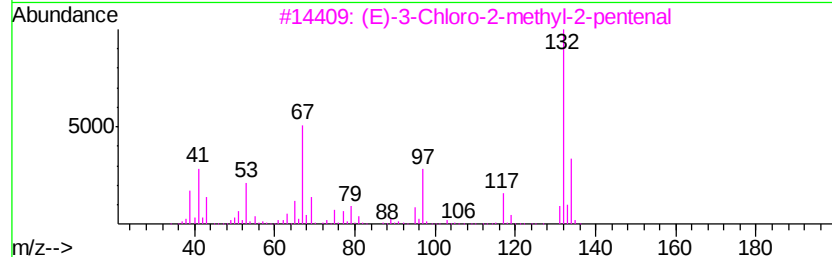
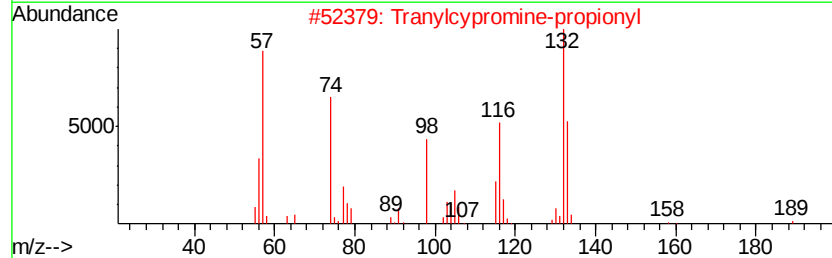
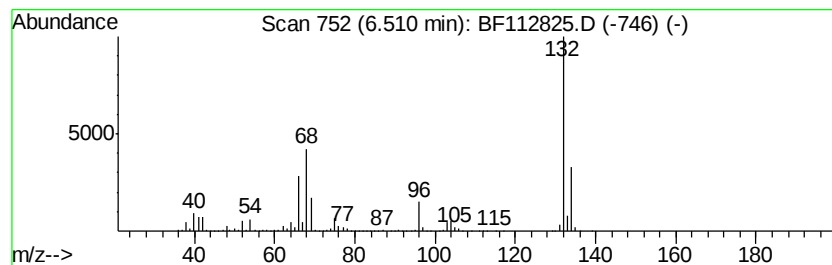
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.51 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	46.37 ng	2294710	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Tranvlcypropromine-propionyl	189	C12H15NO	1000123-86-3	10
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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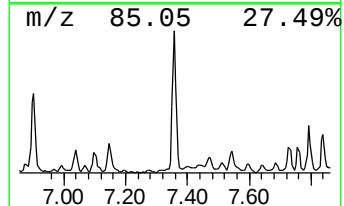
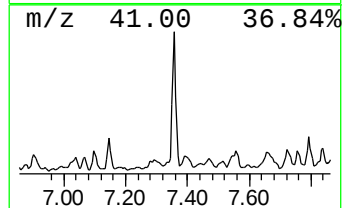
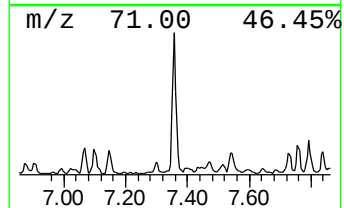
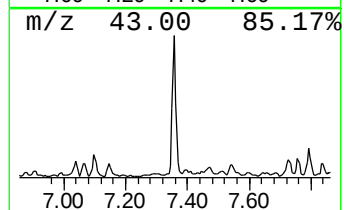
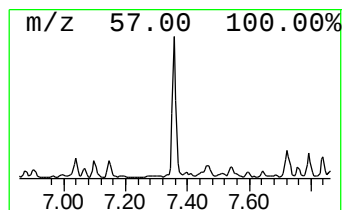
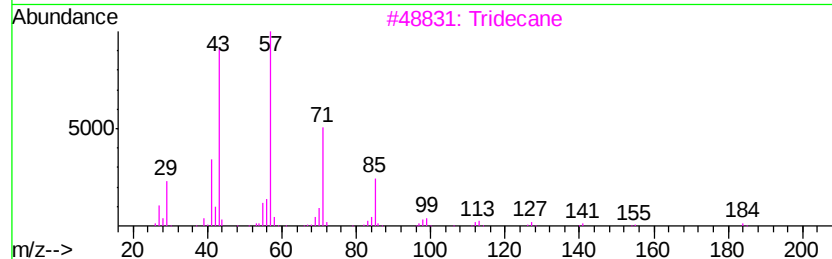
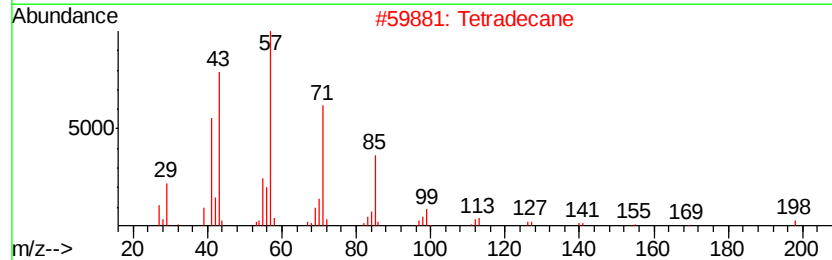
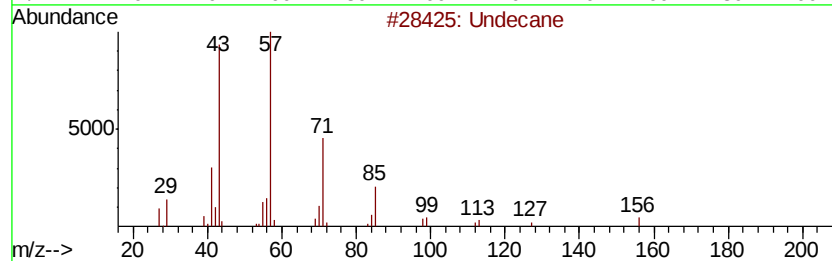
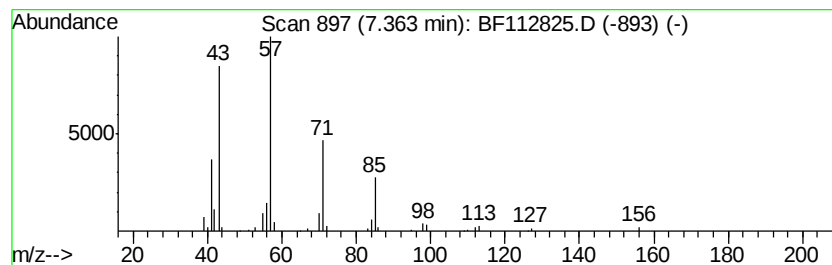
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	8.06 ng	398618	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	94
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	83
5	Decane		142	C10H22	000124-18-5	83



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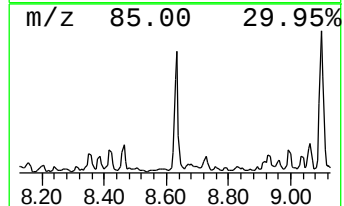
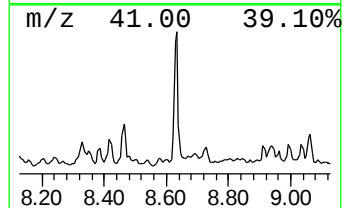
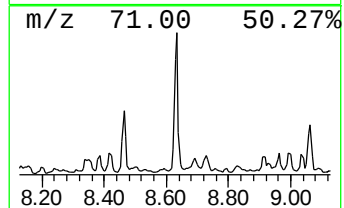
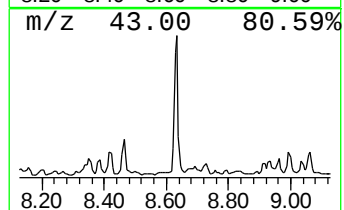
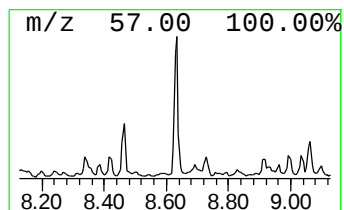
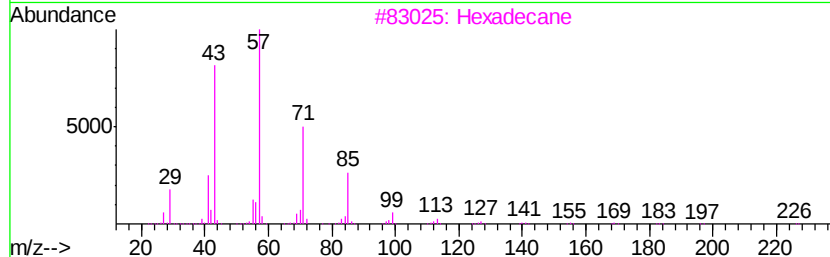
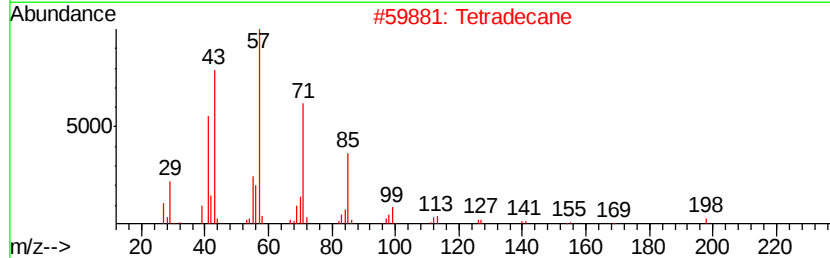
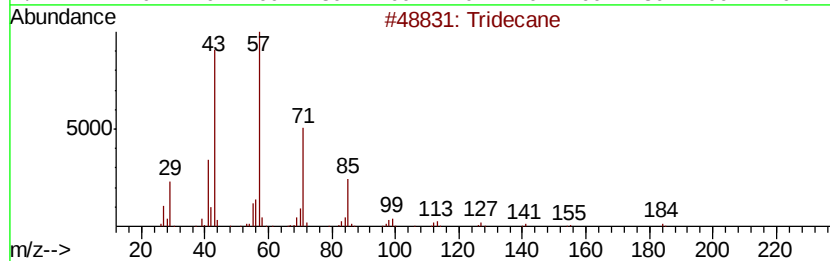
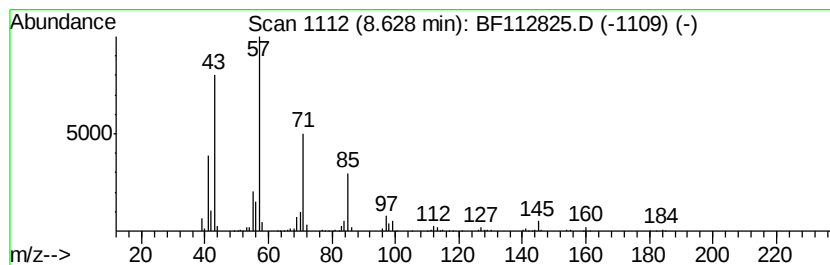
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.63	6.66 ng	551595	Napthalene-d8	8.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



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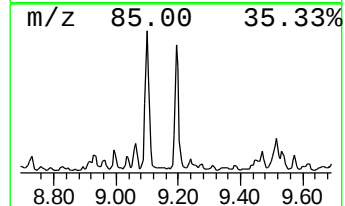
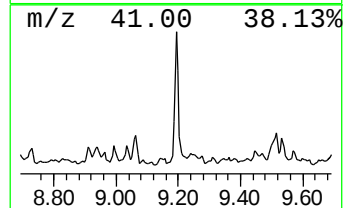
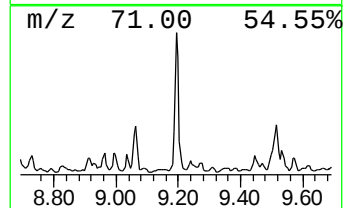
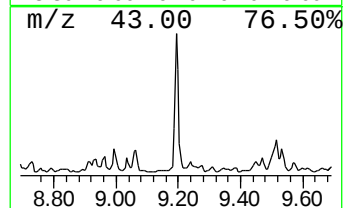
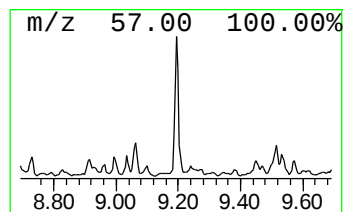
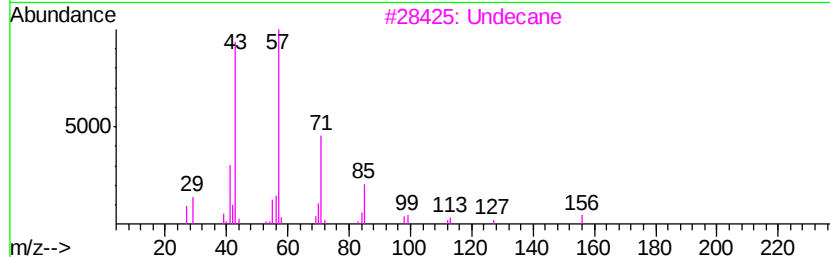
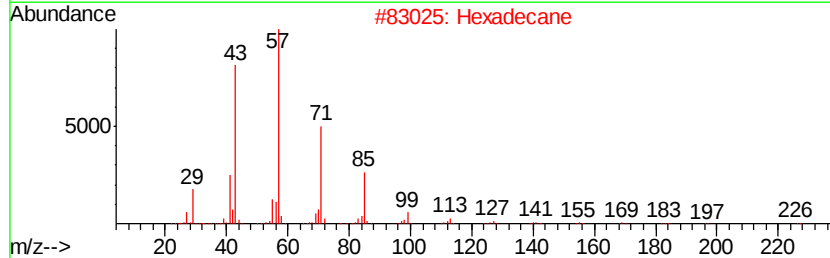
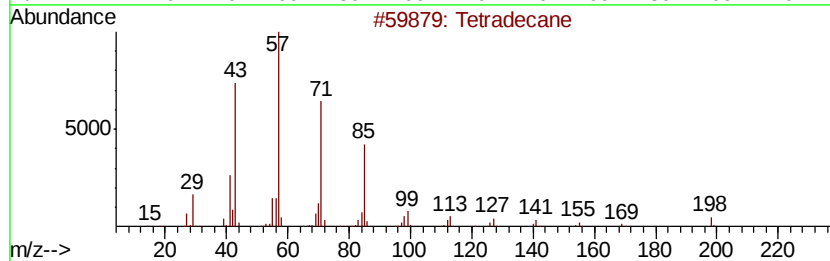
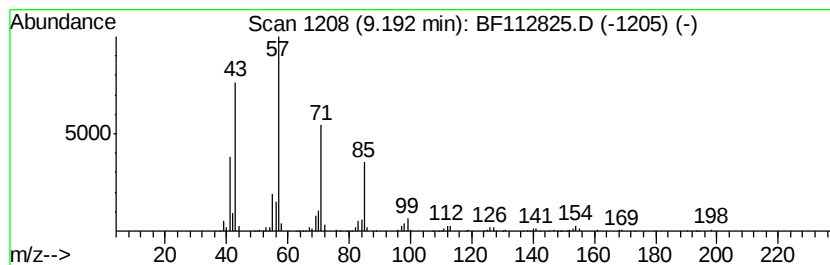
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	8.65 ng	526332	Acenaphthene-d10	9.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Undecane	156	C11H24	001120-21-4	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

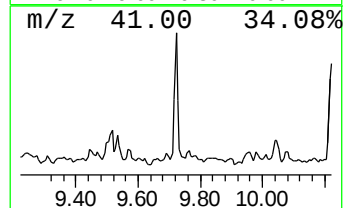
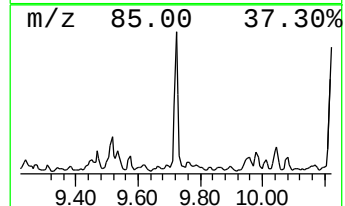
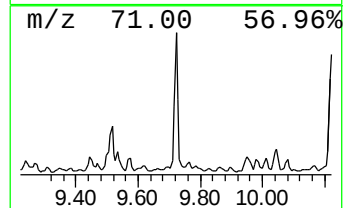
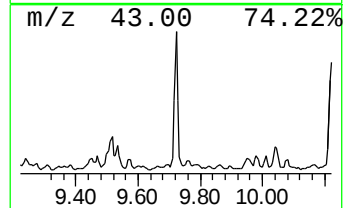
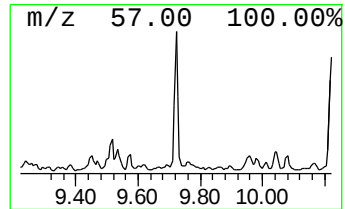
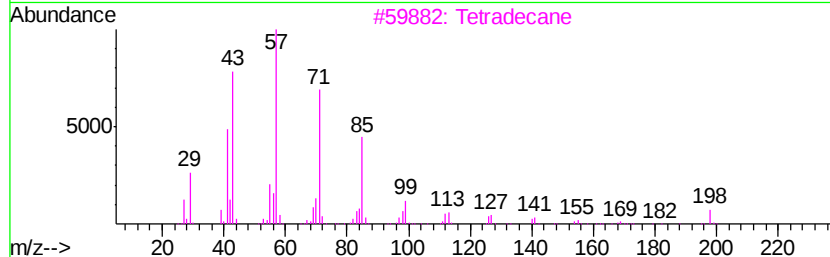
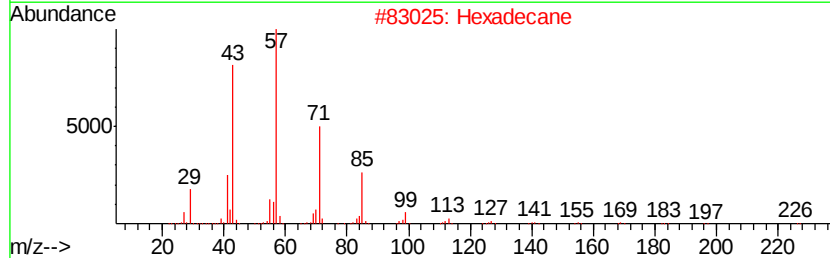
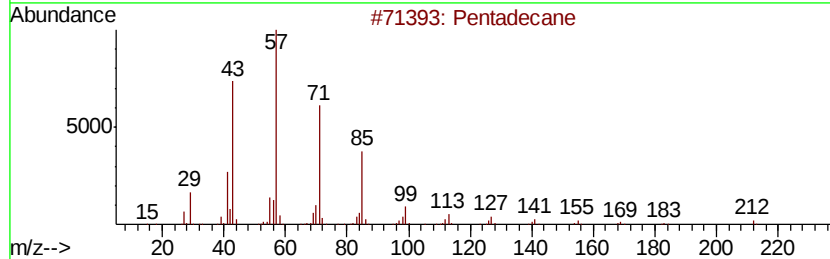
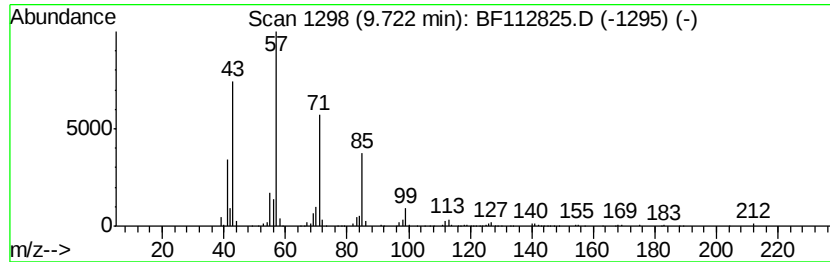
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.20 ng	438140	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
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Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

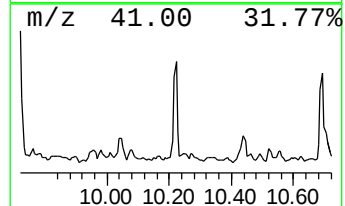
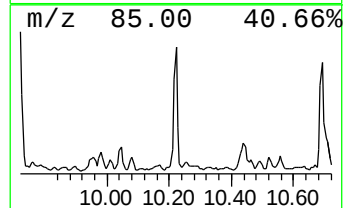
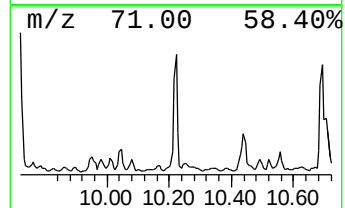
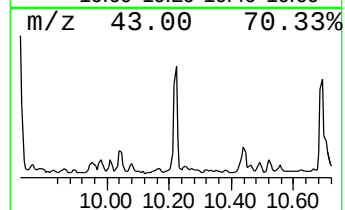
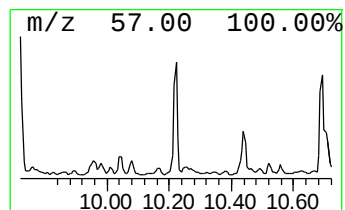
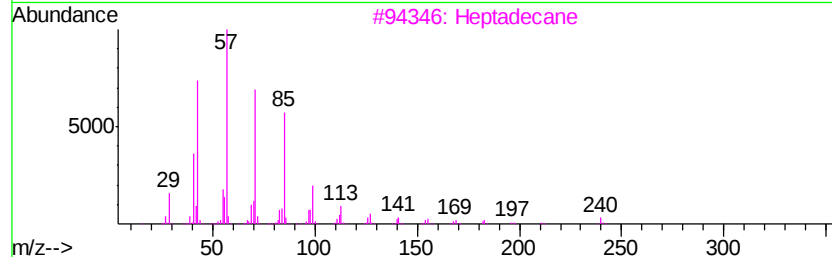
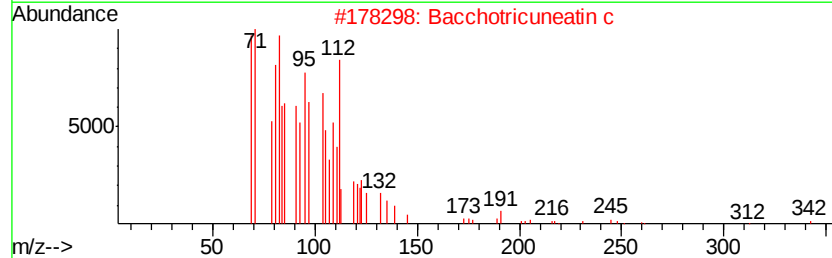
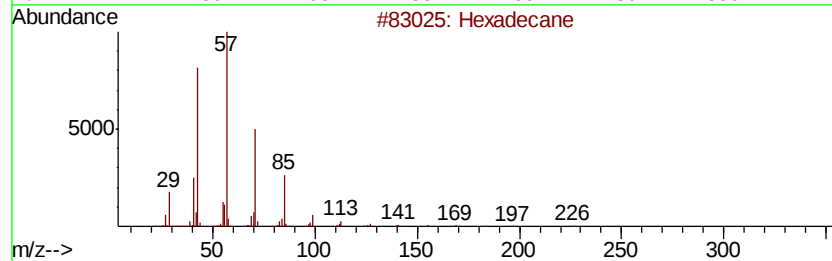
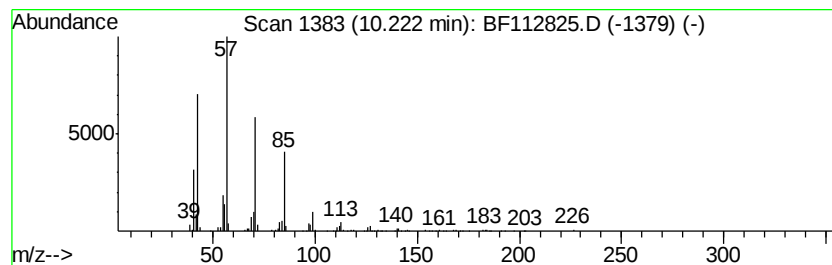
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.22	6.26 ng	380898	Acenaphthene-d10		9.77	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	97
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
3		Heptadecane	240	C17H36	000629-78-7	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
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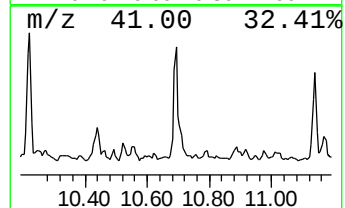
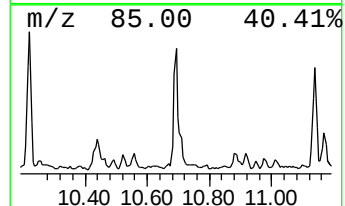
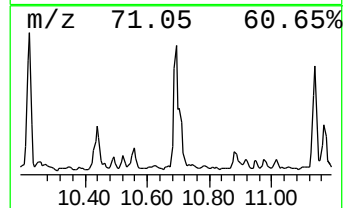
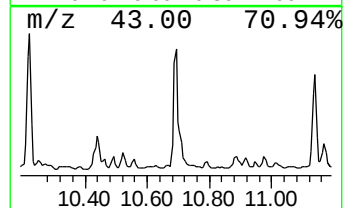
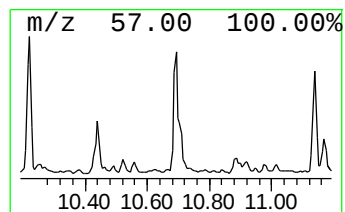
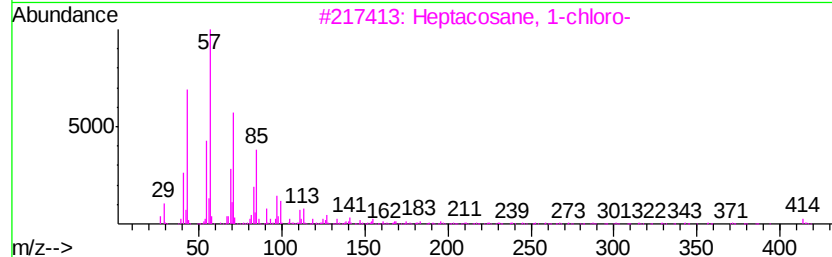
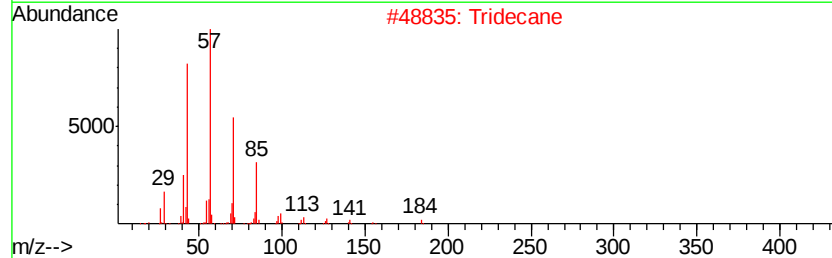
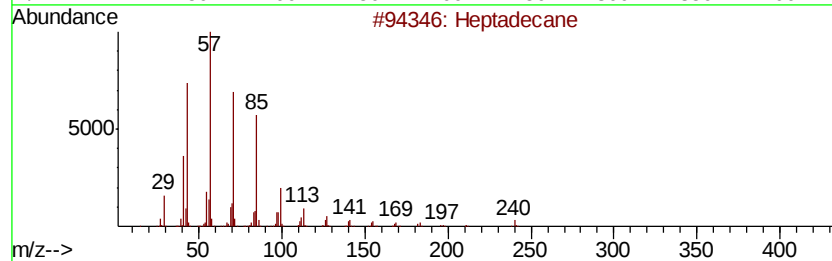
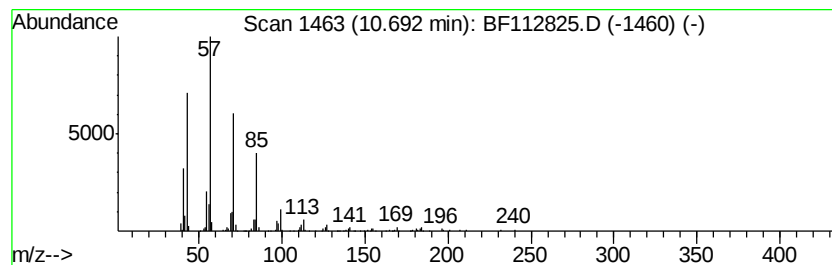
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JC-03-030119-C

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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 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.69	10.19 ng	505357	Phenanthrene-d10		11.25	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Tridecane		184	C13H28	000629-50-5	93
3	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Tritetracontane		605	C43H88	007098-21-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-C

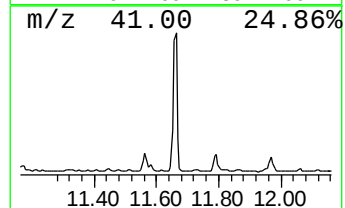
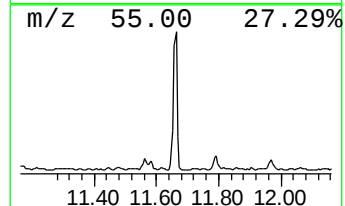
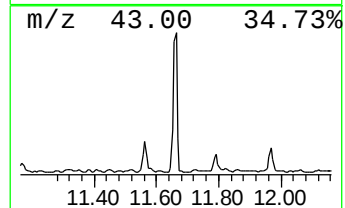
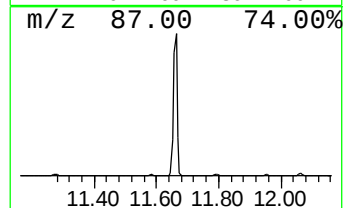
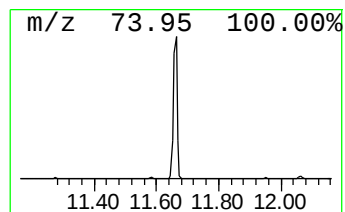
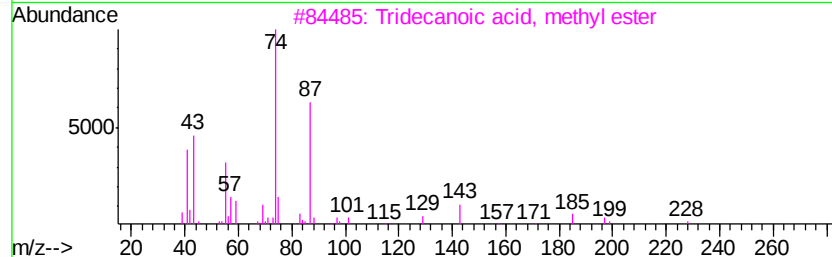
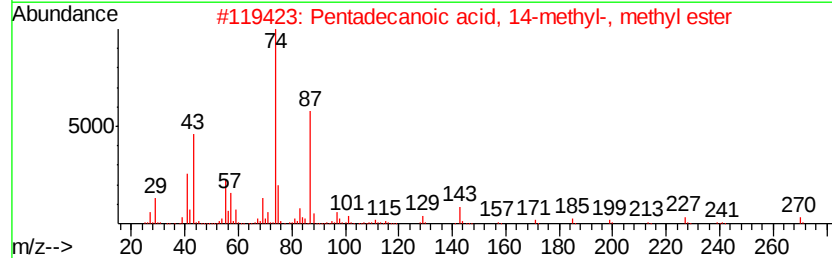
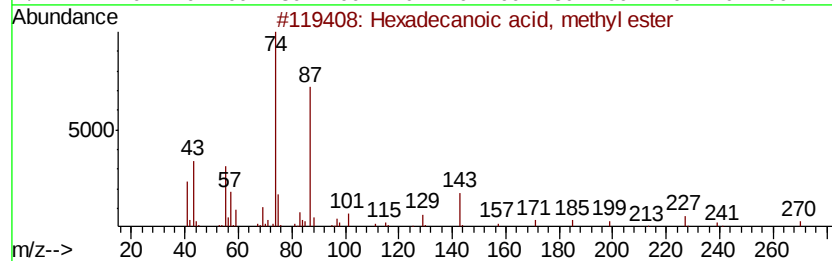
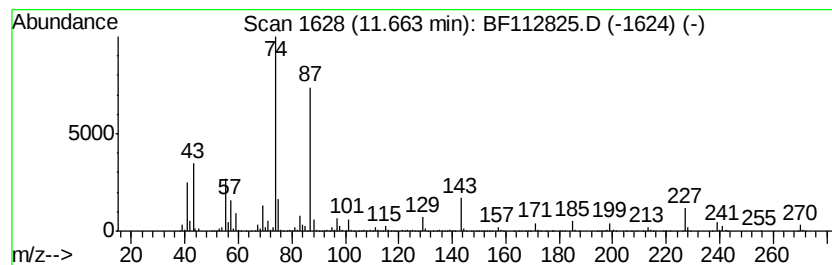
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	53.65 ng	2659660	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-C

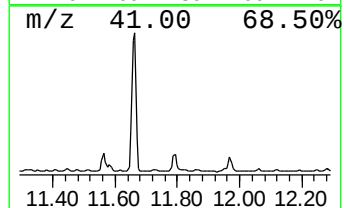
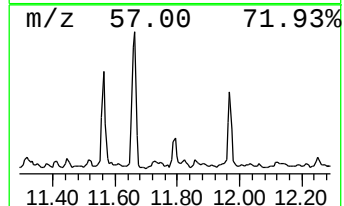
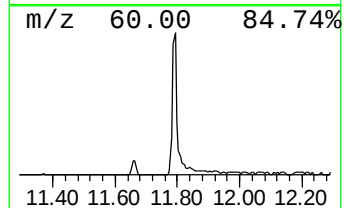
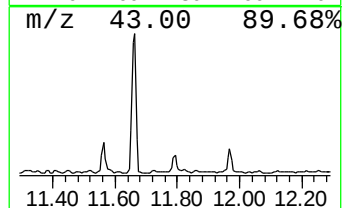
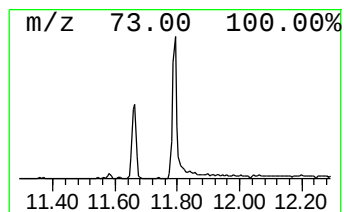
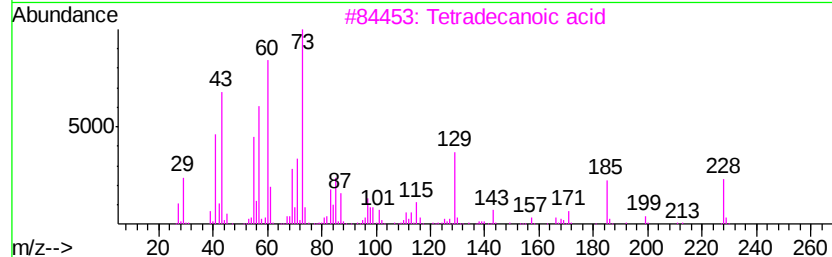
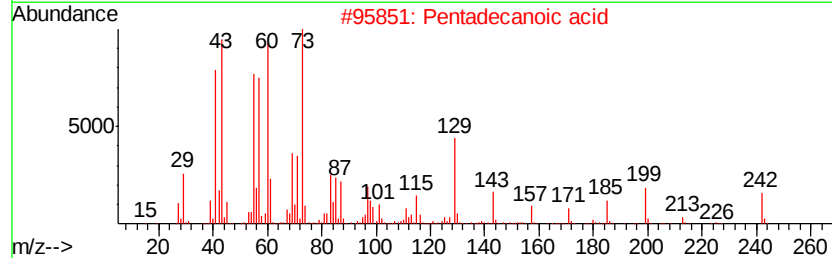
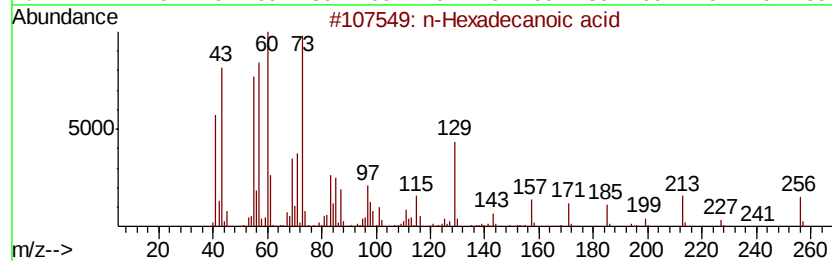
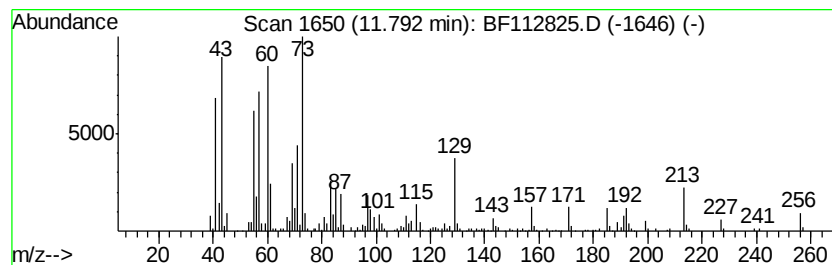
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.39 ng	316749	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-C

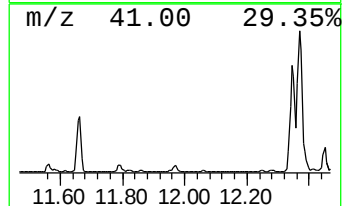
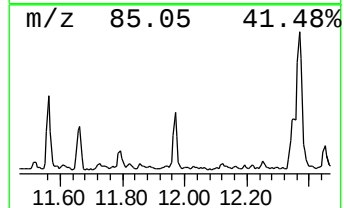
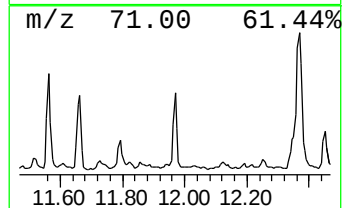
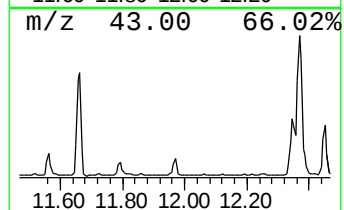
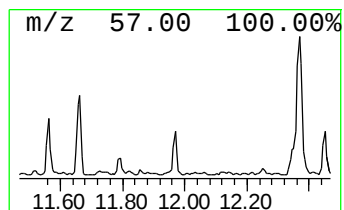
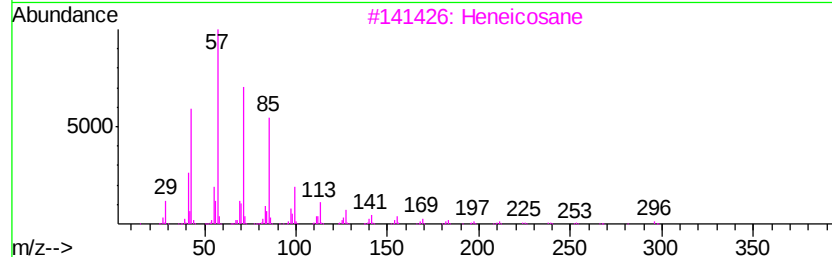
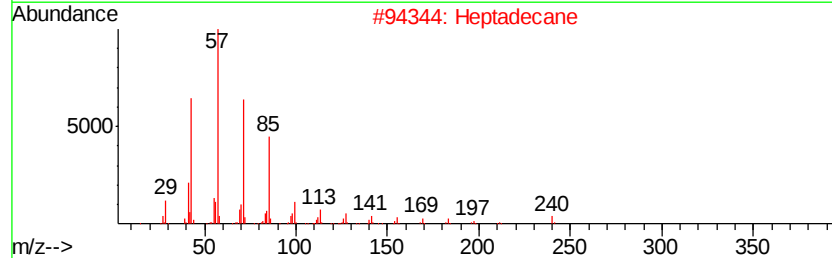
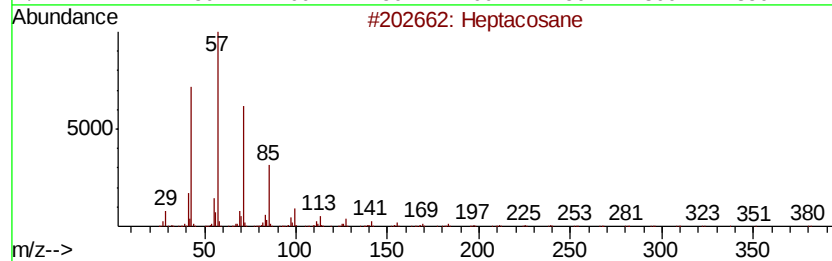
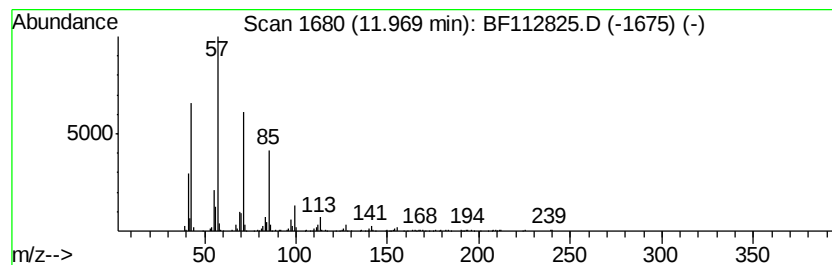
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.57 ng	276075	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Heptadecane	240	C17H36	000629-78-7	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5			Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-C

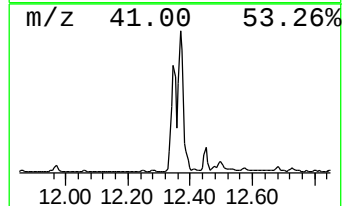
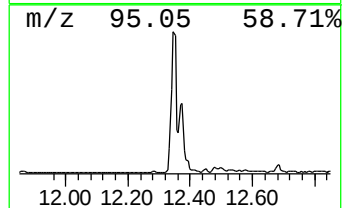
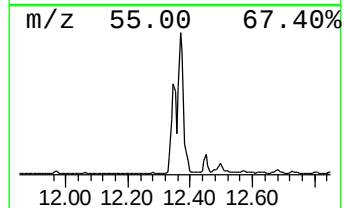
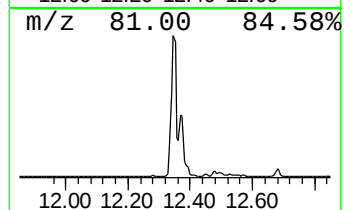
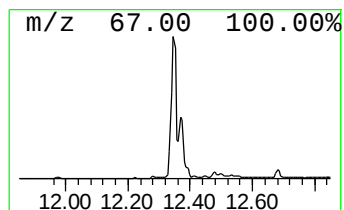
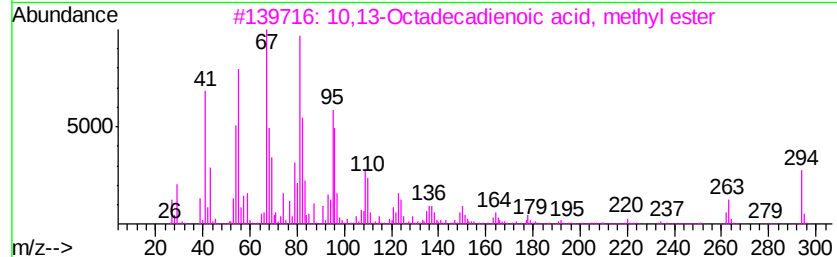
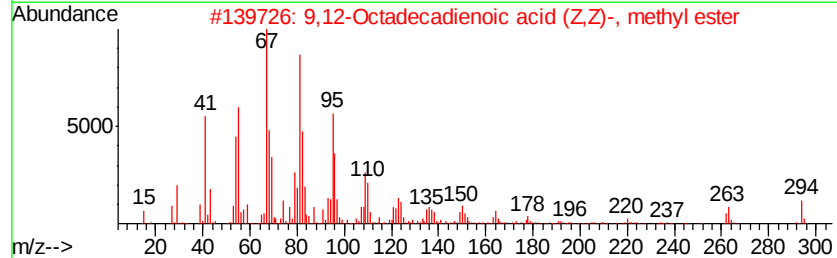
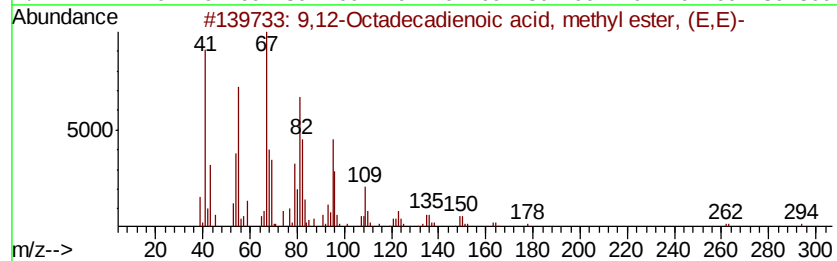
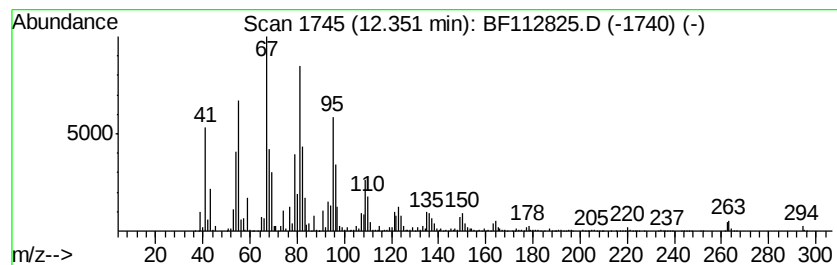
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	129.97 ng	6443270	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-C

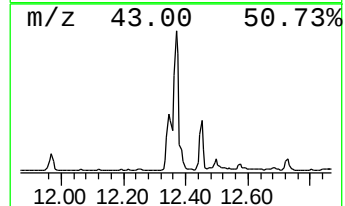
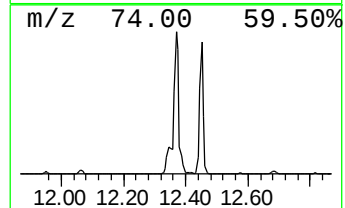
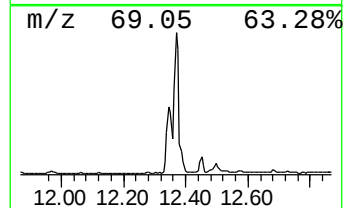
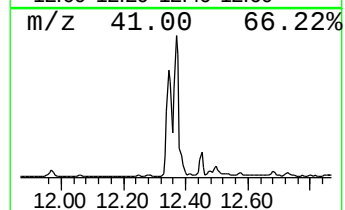
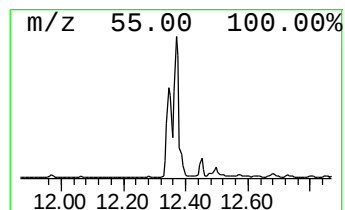
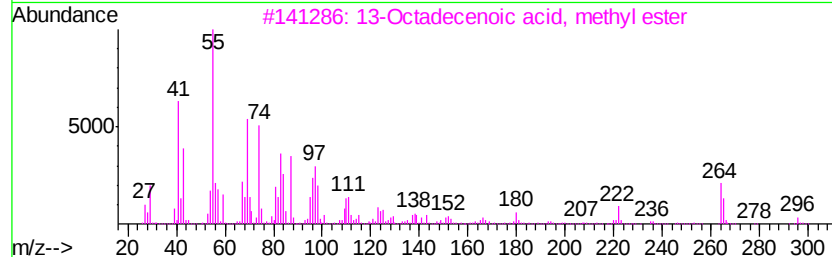
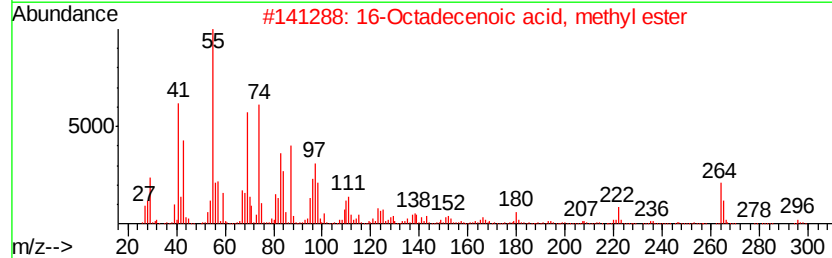
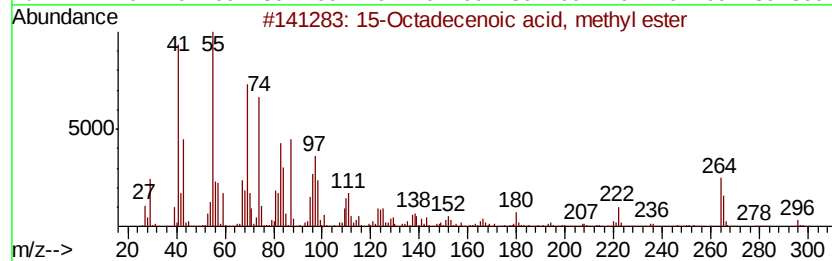
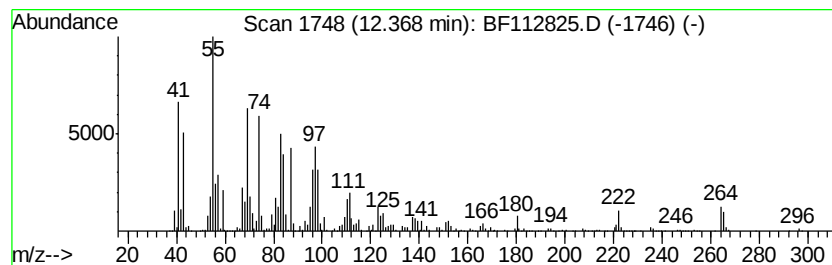
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 15-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	153.46 ng	7607850	Phenanthrene-d10	11.25

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	97
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
4		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	94
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

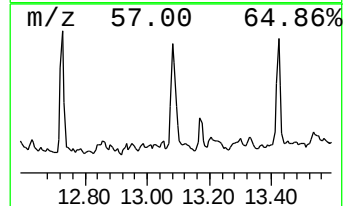
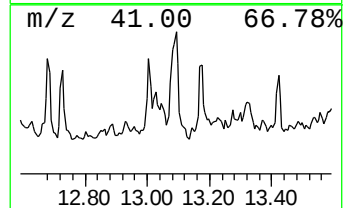
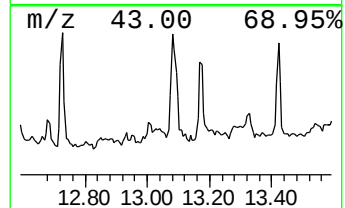
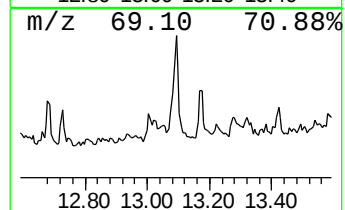
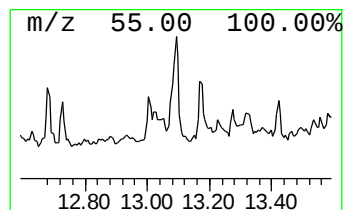
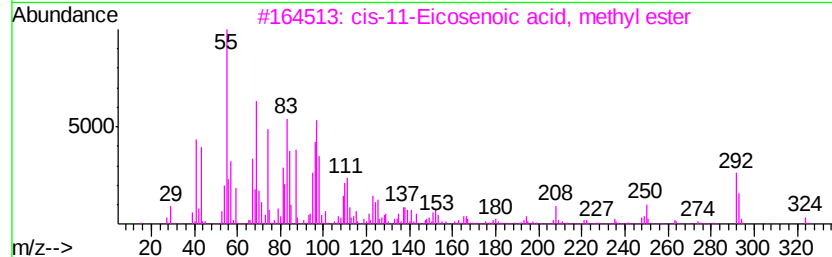
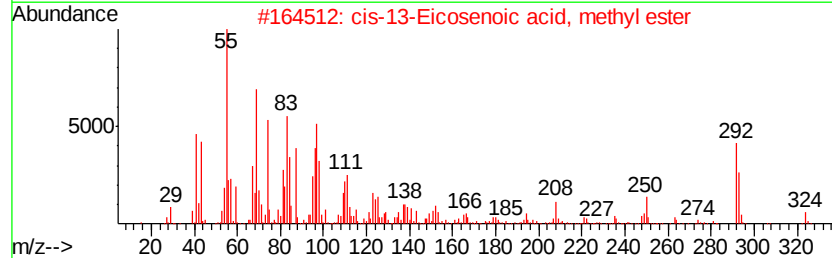
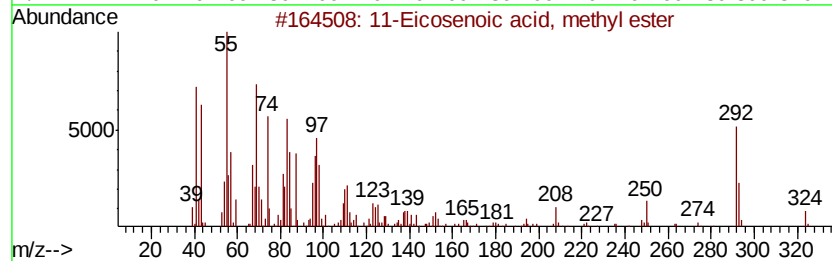
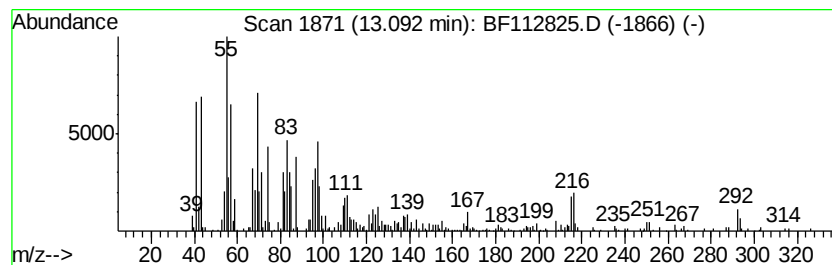
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11-Eicosenoic acid, methyl ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	5.74 ng	422193	Chrysene-d12	13.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	81
2			cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	81
3			cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	76
4			Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	74
5			cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-030119-C

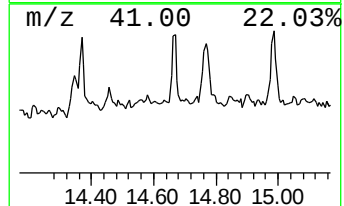
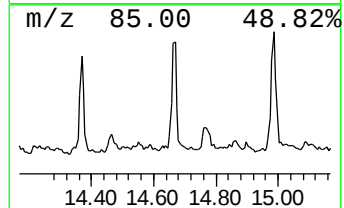
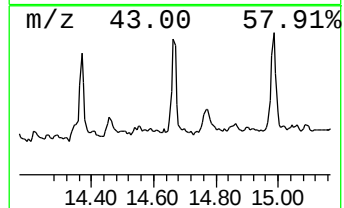
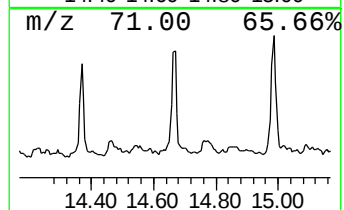
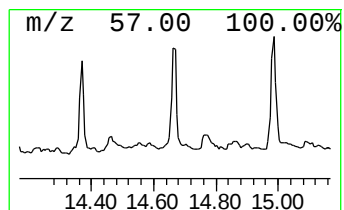
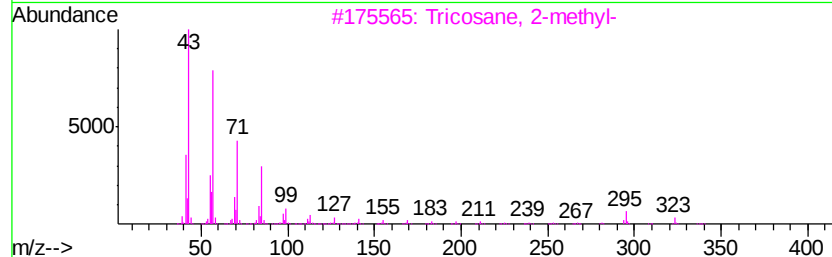
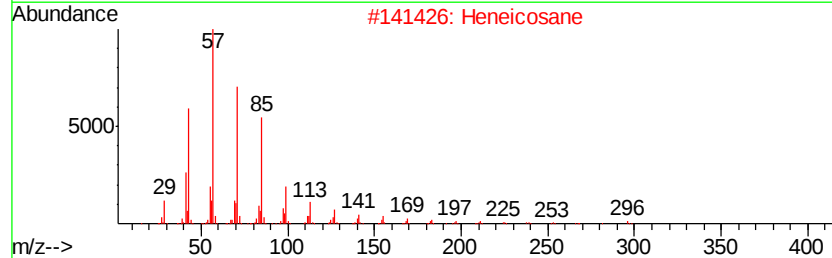
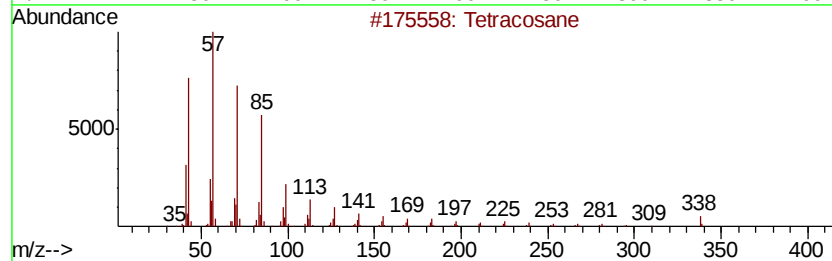
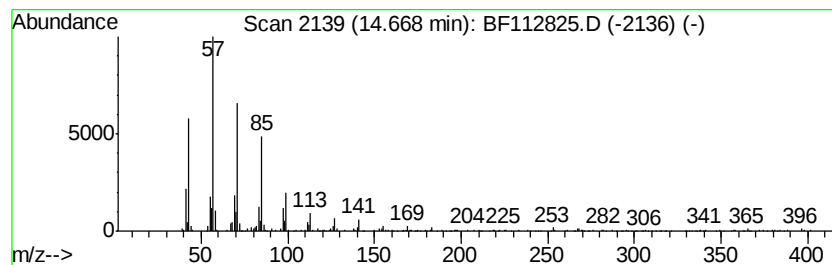
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.86 ng	275607	Perylene-d12	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	96
2			Heneicosane	296	C21H44	000629-94-7	90
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
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ClientSampleId :
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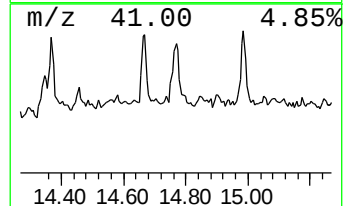
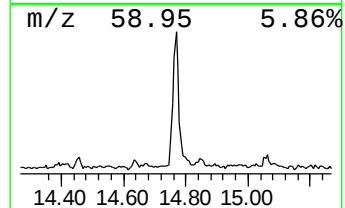
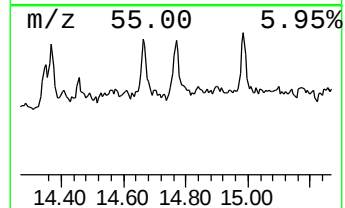
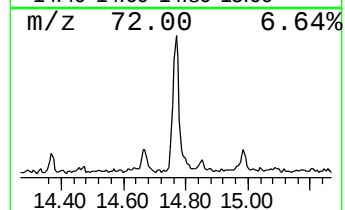
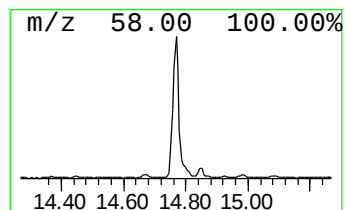
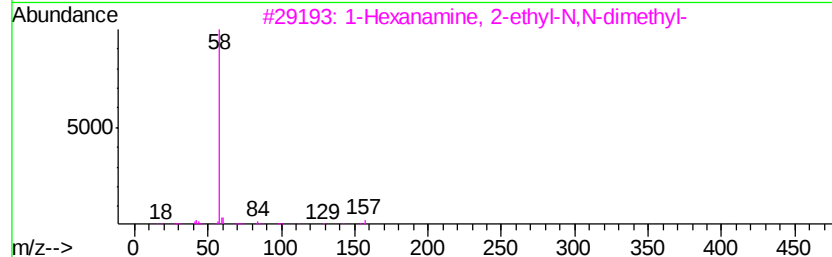
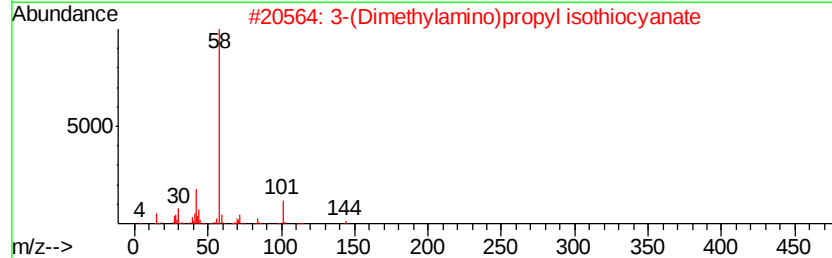
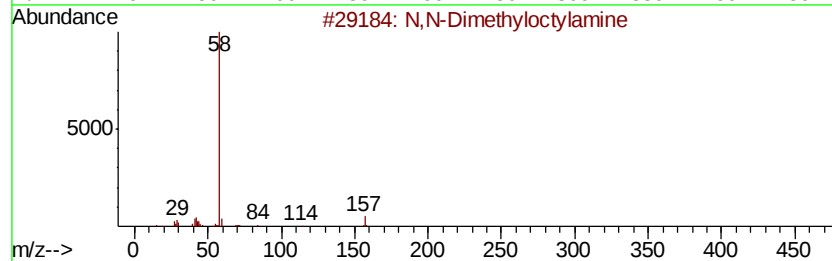
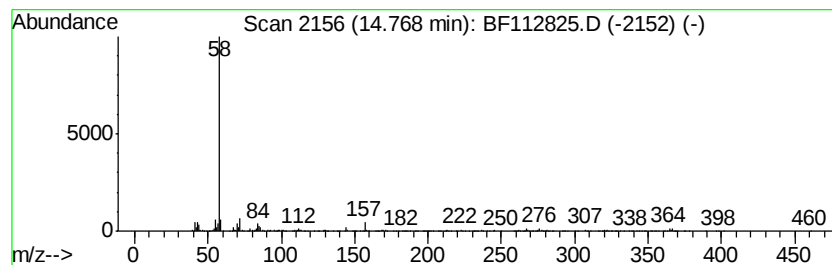
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 N,N-Dimethyloctylamine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	12.63 ng	594014	Perylene-d12	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	72
3		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4		N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	64
5		Isothiazole-4-carbonitrile, 3,5-...	316	C12H20N4S3	340816-58-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
Acq On : 4 Mar 2019 15:39
Operator : JU/SJ
Sample : K1688-05 2X
Misc :
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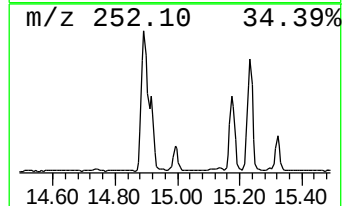
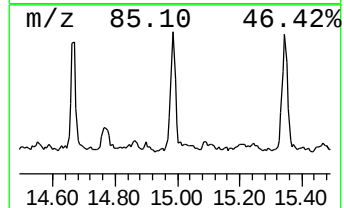
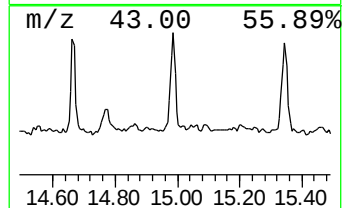
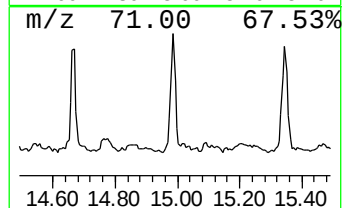
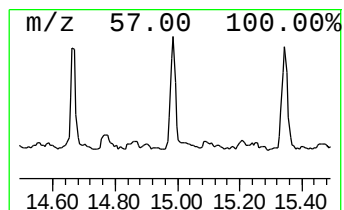
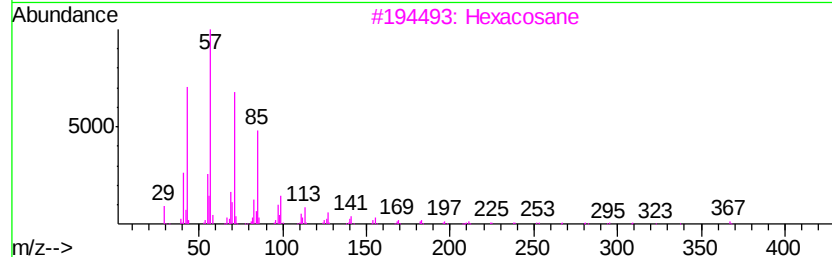
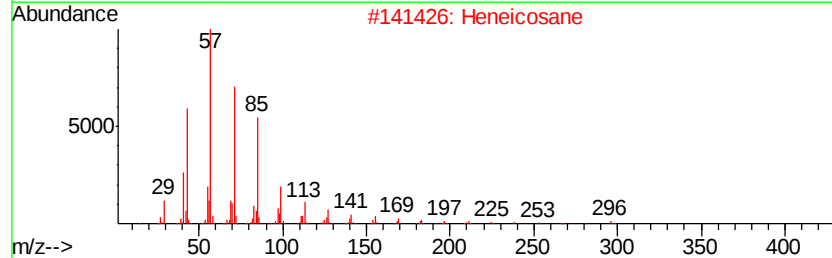
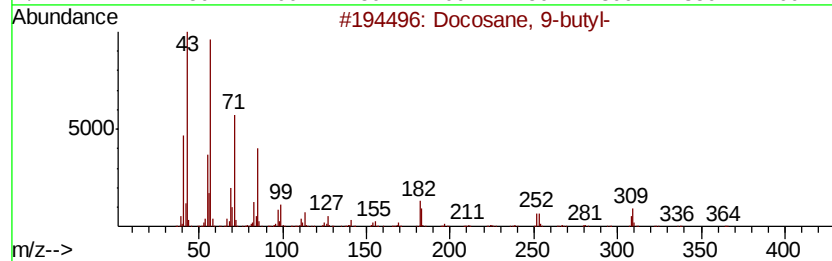
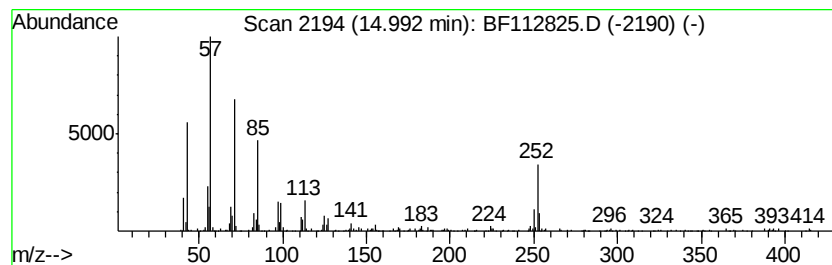
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosane, 9-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.99	7.54 ng	354619	Perylene-d12	15.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112825.D
 Acq On : 4 Mar 2019 15:39
 Operator : JU/SJ
 Sample : K1688-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-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
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Undecane	7.36	8.1	ng	398618	1	6.75	989662	20.0
Tridecane	8.63	6.7	ng	551595	2	8.03	1656460	20.0
Tetradecane	9.19	8.7	ng	526332	3	9.77	1216610	20.0
Pentadecane	9.72	7.2	ng	438140	3	9.77	1216610	20.0
Hexadecane	10.22	6.3	ng	380898	3	9.77	1216610	20.0
Heptadecane	10.69	10.2	ng	505357	4	11.25	991531	20.0
Hexadecanoic acid...	11.66	53.6	ng	2659660	4	11.25	991531	20.0
n-Hexadecanoic acid	11.79	6.4	ng	316749	4	11.25	991531	20.0
Heptacosane	11.97	5.6	ng	276075	4	11.25	991531	20.0
9,12-Octadecadien...	12.35	130.0	ng	6443270	4	11.25	991531	20.0
15-Octadecenoic a...	12.37	153.5	ng	7607850	4	11.25	991531	20.0
11-Eicosenoic aci...	13.09	5.7	ng	422193	5	13.88	1470120	20.0
Tetracosane	14.67	5.9	ng	275607	6	15.30	940680	20.0
N,N-Dimethyloctyl...	14.77	12.6	ng	594014	6	15.30	940680	20.0
Docosane, 9-butyl-	14.99	7.5	ng	354619	6	15.30	940680	20.0