

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112515.D
 Acq On : 12 Feb 2019 17:22
 Operator : JU/SJ
 Sample : K1343-21 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-K

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-BF012519.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	5.469	571	575	595	rBV	1292256	1511545	13.85%	2.274%
2	6.481	744	747	765	rBV	1384680	1623377	14.88%	2.442%
3	6.610	765	769	775	rBV	2057582	1716102	15.73%	2.582%
4	6.834	803	807	814	rBV	903489	763678	7.00%	1.149%
5	6.987	830	833	843	rVB	1426985	1341720	12.30%	2.018%
6	7.398	899	903	906	rBV	996877	937417	8.59%	1.410%
7	7.428	906	908	912	rVB	218914	169998	1.56%	0.256%
8	7.863	978	982	984	rBV4	93876	121075	1.11%	0.182%
9	8.092	1019	1021	1023	rVV	572928	547532	5.02%	0.824%
10	8.116	1023	1025	1031	rVV	1146566	1086585	9.96%	1.635%
11	8.175	1031	1035	1037	rVB2	199035	240127	2.20%	0.361%
12	8.286	1047	1054	1056	rBV5	70624	130916	1.20%	0.197%
13	8.310	1056	1058	1061	rVB2	122282	114931	1.05%	0.173%
14	8.404	1069	1074	1079	rVV5	203102	289890	2.66%	0.436%
15	8.463	1081	1084	1086	rVB2	121406	121886	1.12%	0.183%
16	8.492	1086	1089	1092	rBV4	131566	175004	1.60%	0.263%
17	8.533	1092	1096	1098	rVV3	210648	188411	1.73%	0.283%
18	8.616	1107	1110	1113	rBV2	274558	253254	2.32%	0.381%
19	8.704	1122	1125	1129	rBV	918991	733972	6.73%	1.104%
20	8.939	1162	1165	1169	rBV4	243210	234274	2.15%	0.352%
21	9.063	1183	1186	1191	rVB3	182484	267409	2.45%	0.402%
22	9.110	1191	1194	1196	rBV2	149951	129221	1.18%	0.194%
23	9.133	1196	1198	1200	rVV2	285041	229228	2.10%	0.345%
24	9.186	1204	1207	1212	rVV	2053941	1904275	17.45%	2.865%
25	9.269	1217	1221	1224	rBV	1102692	938235	8.60%	1.411%
26	9.339	1231	1233	1236	rVB	191656	173166	1.59%	0.261%
27	9.545	1266	1268	1271	rVV4	167004	167122	1.53%	0.251%
28	9.586	1271	1275	1277	rVV4	482170	596631	5.47%	0.898%
29	9.610	1277	1279	1282	rVV3	208989	237868	2.18%	0.358%
30	9.645	1282	1285	1288	rVB2	206833	196654	1.80%	0.296%
31	9.739	1297	1301	1304	rBV5	79602	114766	1.05%	0.173%
32	9.798	1308	1311	1314	rVB	1159446	863955	7.92%	1.300%
33	9.875	1320	1324	1327	rVB	983152	944382	8.66%	1.421%
34	10.028	1346	1350	1353	rBV3	157181	248313	2.28%	0.374%

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35	10.086	1357	1360	1362	rVV2	156076	171270	1.57%	0.258%
36	10.116	1362	1365	1370	rVV5	269066	400073	3.67%	0.602%
37	10.157	1370	1372	1374	rVB	147793	114968	1.05%	0.173%
38	10.192	1374	1378	1381	rBV4	105353	174925	1.60%	0.263%
39	10.239	1384	1386	1390	rVB3	100722	111220	1.02%	0.167%
40	10.298	1390	1396	1399	rBV	1148251	1058268	9.70%	1.592%
41	10.351	1403	1405	1410	rVB4	112376	162624	1.49%	0.245%
42	10.516	1429	1433	1439	rVB	347415	488089	4.47%	0.734%
43	10.598	1445	1447	1451	rBV2	113172	114751	1.05%	0.173%
44	10.633	1451	1453	1456	rVB2	153071	111021	1.02%	0.167%
45	10.669	1456	1459	1465	rBV	852377	908919	8.33%	1.367%
46	10.769	1473	1476	1485	rVB	1092980	1189313	10.90%	1.789%
47	10.963	1506	1509	1511	rBV2	103122	125157	1.15%	0.188%
48	10.998	1513	1515	1517	rVB3	132433	109397	1.00%	0.165%
49	11.216	1549	1552	1555	rBV	883821	716020	6.56%	1.077%
50	11.245	1555	1557	1563	rVB2	328282	369904	3.39%	0.556%
51	11.363	1573	1577	1579	rBV	933559	806498	7.39%	1.213%
52	11.386	1579	1581	1587	rVB	302585	326953	3.00%	0.492%
53	11.645	1622	1625	1627	rVV	634723	577501	5.29%	0.869%
54	11.745	1638	1642	1645	rBV	4568767	3817238	34.99%	5.743%
55	11.886	1662	1666	1672	rVB3	232135	358090	3.28%	0.539%
56	12.051	1690	1694	1699	rVB	546168	522858	4.79%	0.787%
57	12.439	1754	1760	1762	rBV	8044433	10495737	96.20%	15.790%
58	12.469	1762	1765	1769	rVV	9519543	10910669	100.00%	16.414%
59	12.504	1769	1771	1773	rVB	187260	144545	1.32%	0.217%
60	12.539	1773	1777	1780	rBV	1758523	1576170	14.45%	2.371%
61	12.580	1781	1784	1790	rBV2	610194	1116194	10.23%	1.679%
62	12.669	1797	1799	1804	rVB4	104356	114512	1.05%	0.172%
63	12.769	1813	1816	1819	rBV	410341	388045	3.56%	0.584%
64	12.810	1820	1823	1830	rVB	663711	683004	6.26%	1.028%
65	12.945	1842	1846	1849	rBV	1801753	1491079	13.67%	2.243%
66	13.092	1868	1871	1873	rBV	342263	286002	2.62%	0.430%
67	13.163	1881	1883	1885	rBV	335172	317453	2.91%	0.478%
68	13.180	1885	1886	1889	rVB2	330786	175678	1.61%	0.264%
69	13.257	1896	1899	1902	rVB2	341376	291236	2.67%	0.438%
70	13.368	1915	1918	1922	rBV3	113001	152949	1.40%	0.230%
71	13.504	1938	1941	1946	rBV	252031	233814	2.14%	0.352%

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72	13.833	1994	1997	2001	rBV	342164	307069	2.81%	0.462%
73	13.927	2010	2013	2019	rBV	237567	296056	2.71%	0.445%
74	14.010	2023	2027	2030	rBV2	967873	1001623	9.18%	1.507%
75	14.151	2048	2051	2054	rBV	288456	257888	2.36%	0.388%
76	14.315	2076	2079	2082	rBV	110718	121062	1.11%	0.182%
77	14.457	2097	2103	2109	rBV3	497958	859399	7.88%	1.293%
78	14.545	2116	2118	2122	rBV2	142184	147346	1.35%	0.222%
79	14.762	2152	2155	2158	rBV	446424	402285	3.69%	0.605%
80	14.880	2170	2175	2184	rBV	645648	954092	8.74%	1.435%
81	15.092	2208	2211	2221	rVB2	528598	754100	6.91%	1.134%
82	15.474	2272	2276	2277	rBV	417937	531012	4.87%	0.799%
83	15.904	2345	2349	2354	rVB	312411	414718	3.80%	0.624%

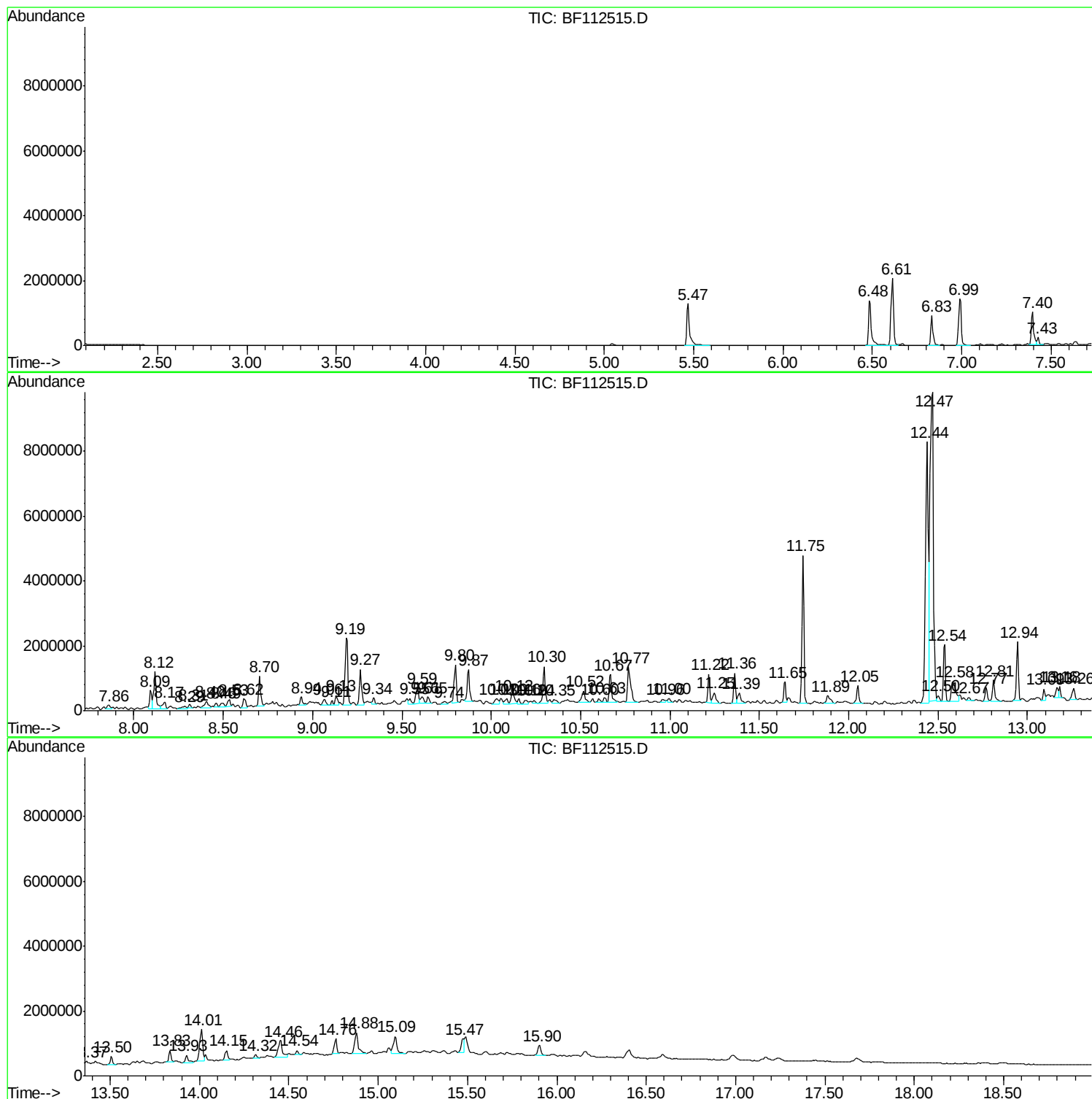
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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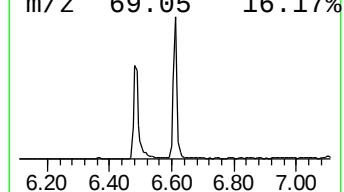
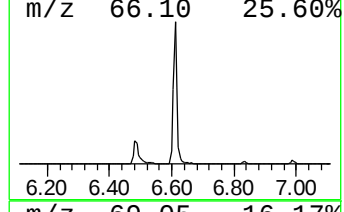
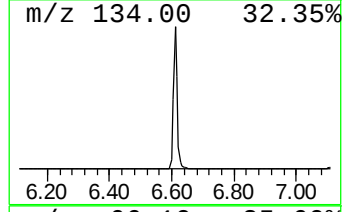
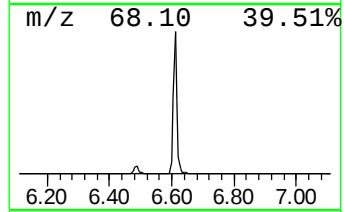
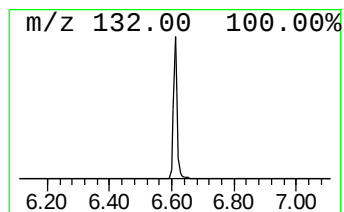
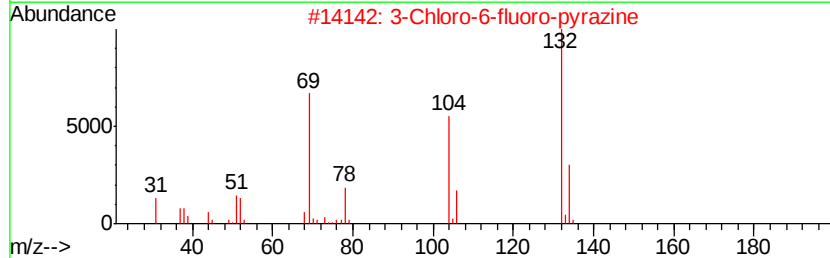
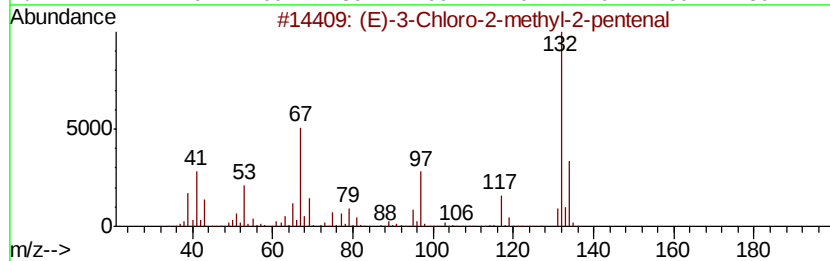
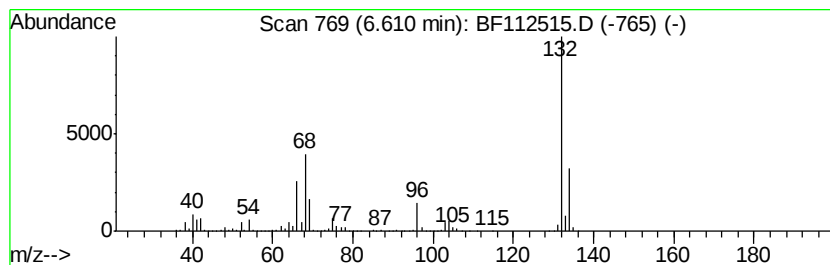
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	44.94 ng	1716100	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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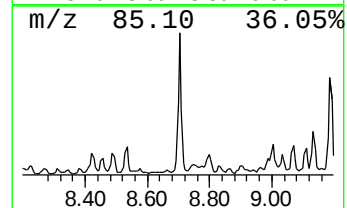
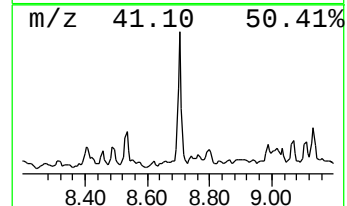
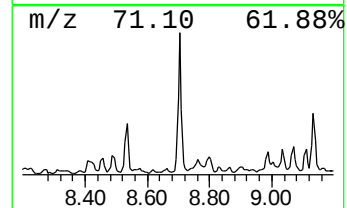
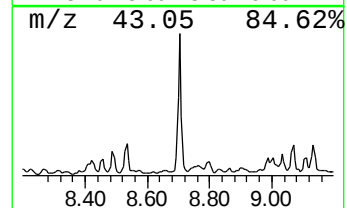
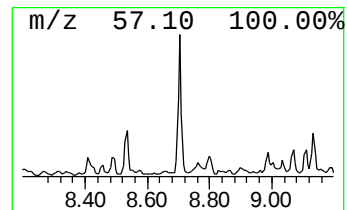
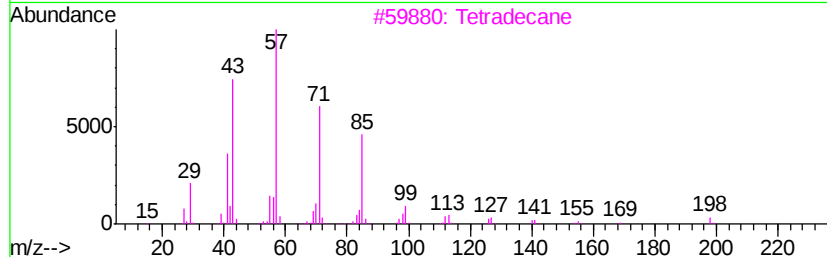
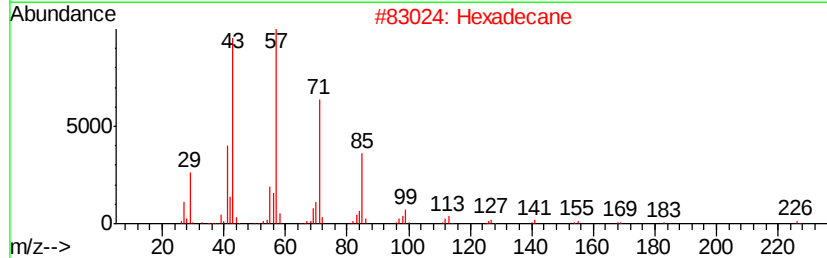
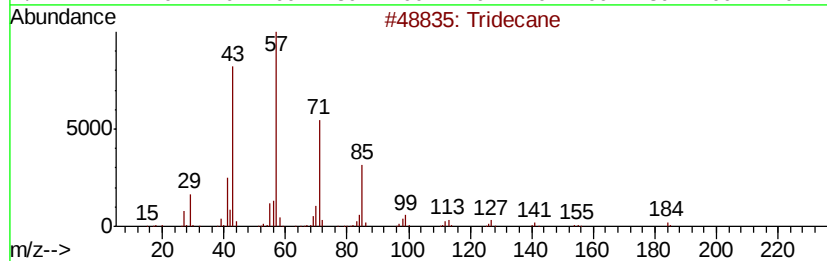
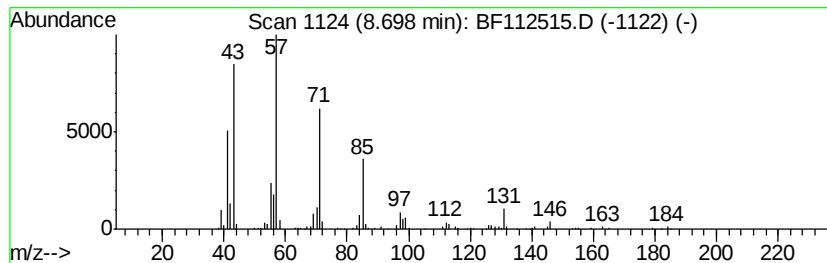
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	13.51 ng	733972	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5		Heptadecane	240	C17H36	000629-78-7	72



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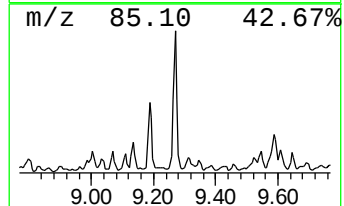
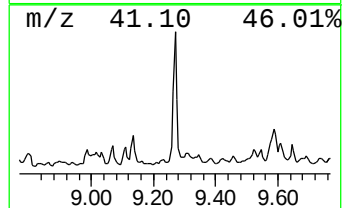
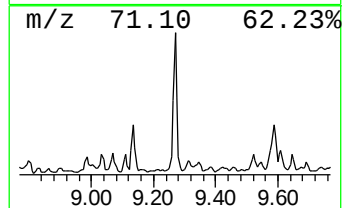
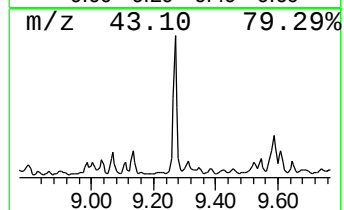
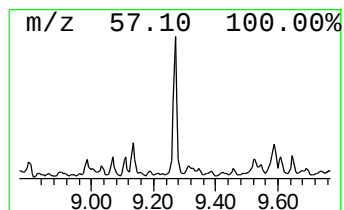
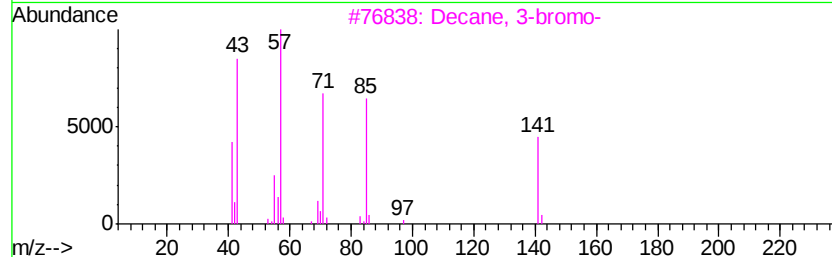
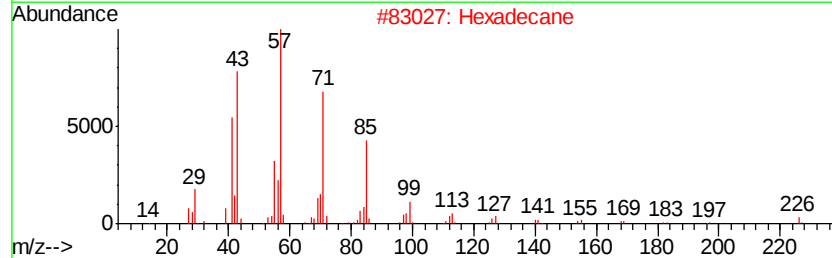
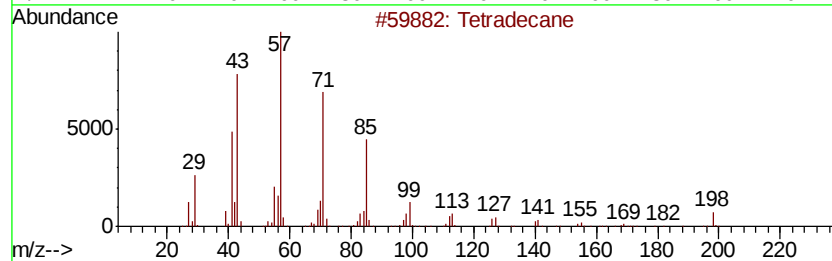
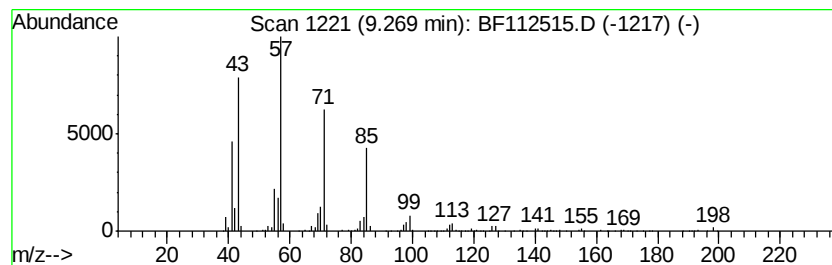
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	19.87 ng	938235	Acenaphthene-d10	9.87

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		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
5		Tridecane	184	C13H28	000629-50-5	72



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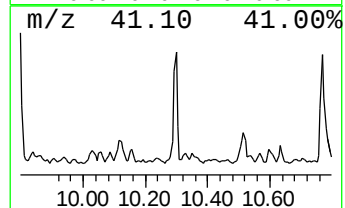
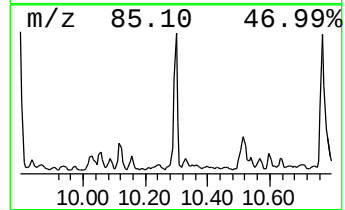
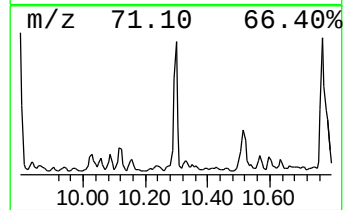
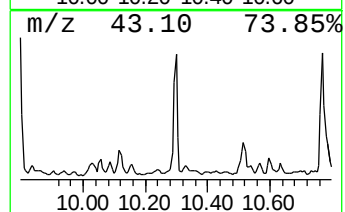
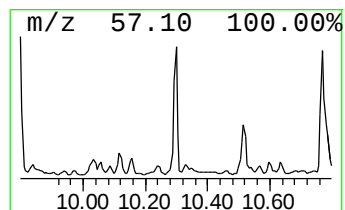
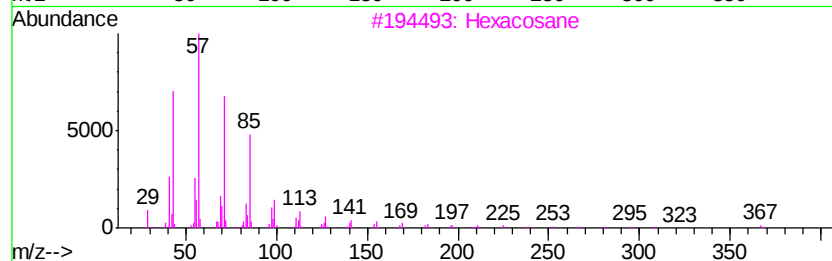
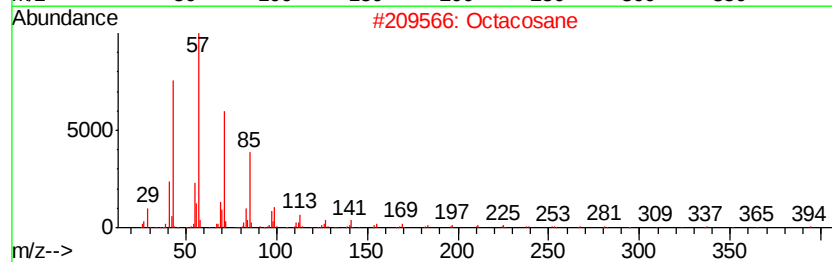
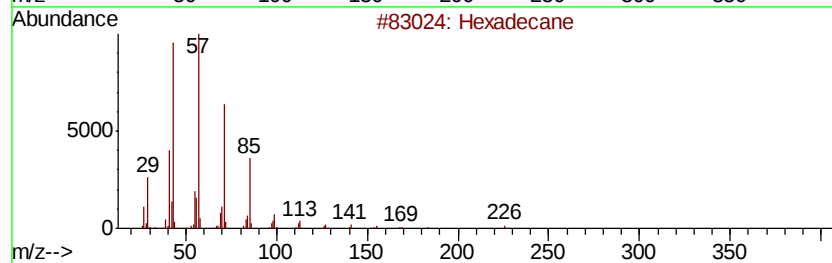
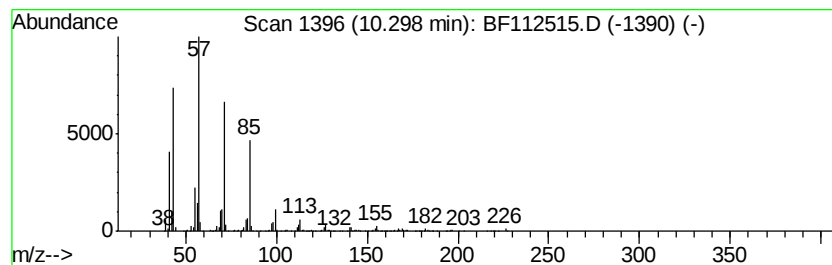
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ClientSampleId :
JC-02-021119-K

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	22.41 ng	1058270	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Octacosane	394 C28H58	000630-02-4	90
3	Hexacosane	366 C26H54	000630-01-3	90
4	Tetradecane	198 C14H30	000629-59-4	87
5	Undecane, 3-methyl-	170 C12H26	001002-43-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
Operator : JU/SJ
Sample : K1343-21 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-K

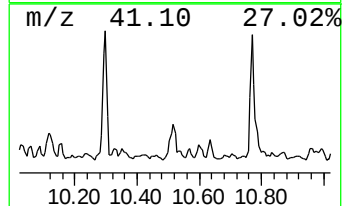
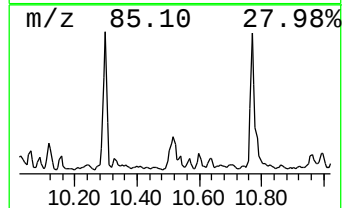
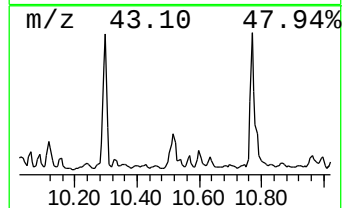
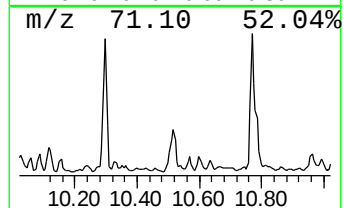
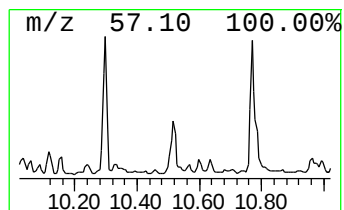
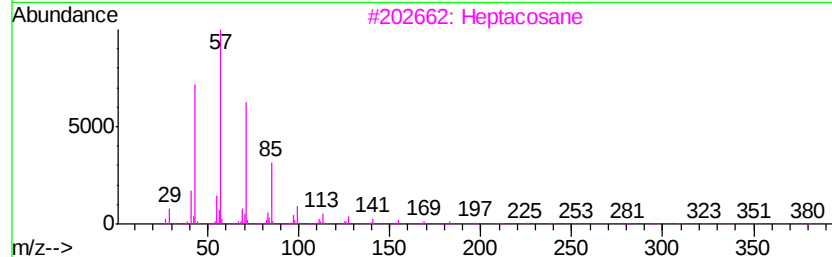
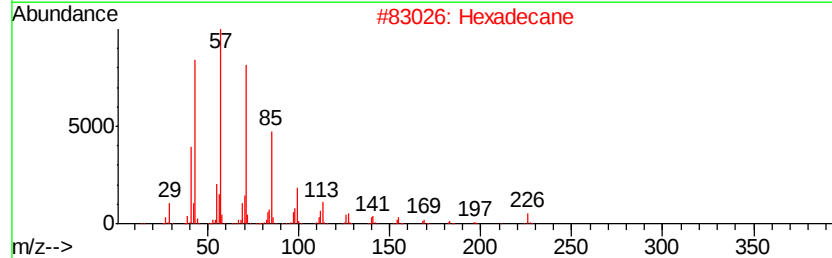
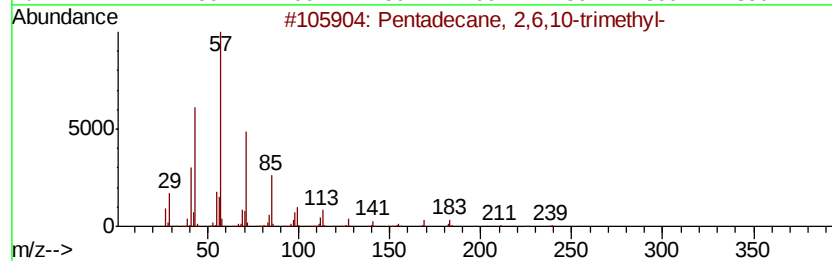
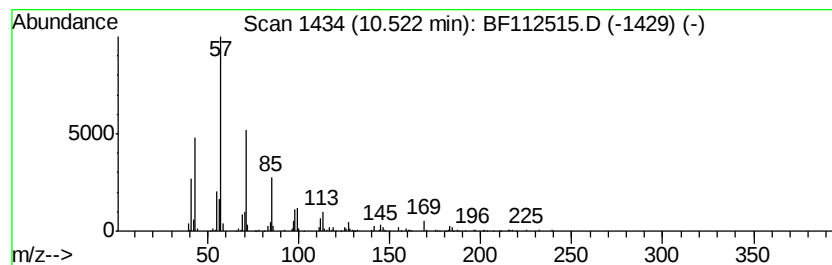
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	10.34 ng	488089	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Hexadecane	226	C16H34	000544-76-3	72
3		Heptacosane	380	C27H56	000593-49-7	72
4		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
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Acq On : 12 Feb 2019 17:22
Operator : JU/SJ
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Misc :
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Instrument :
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ClientSampleId :
JC-02-021119-K

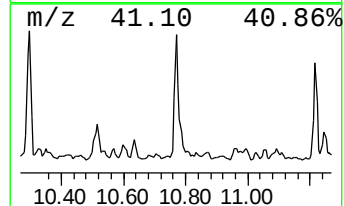
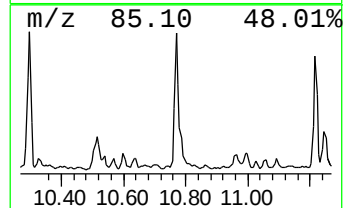
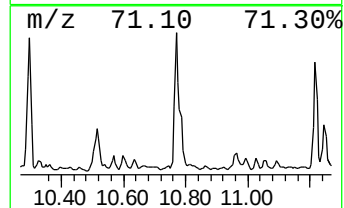
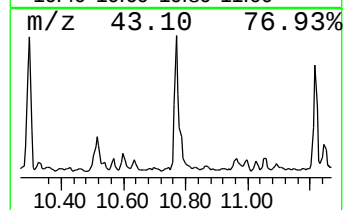
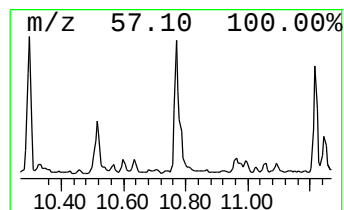
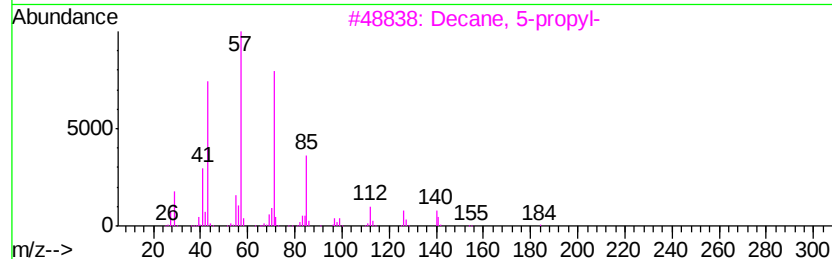
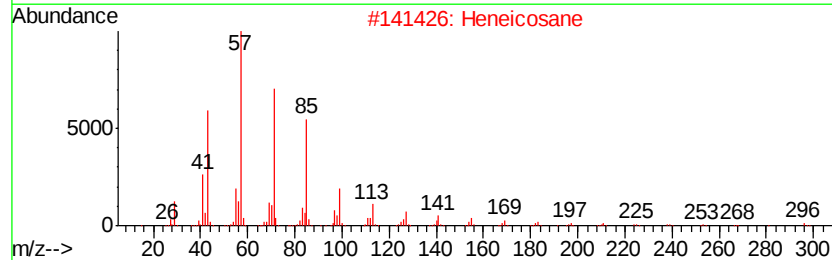
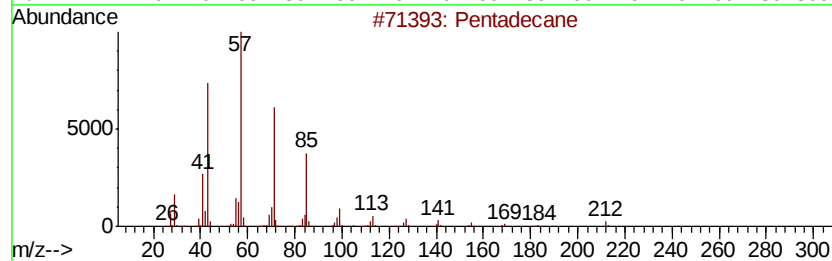
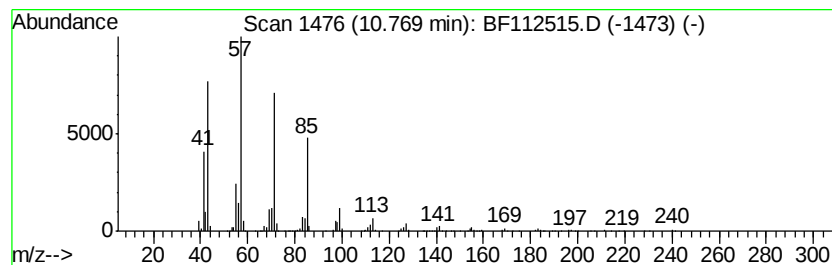
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	29.49 ng	1189310	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Decane, 5-propyl-		184	C13H28	017312-62-8	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Heptadecane		240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
Operator : JU/SJ
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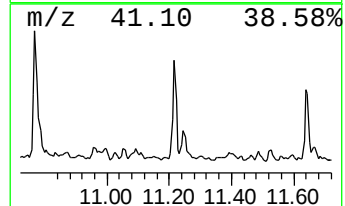
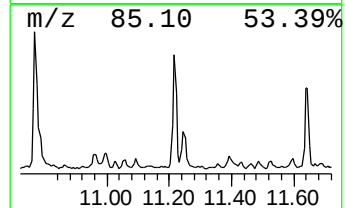
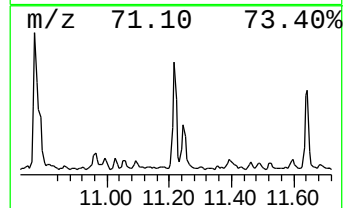
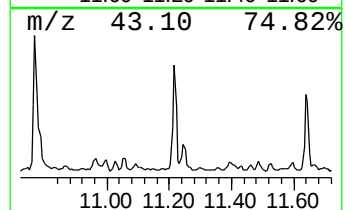
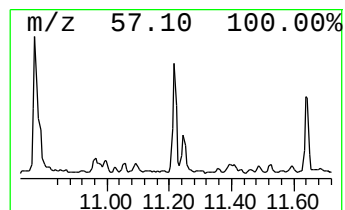
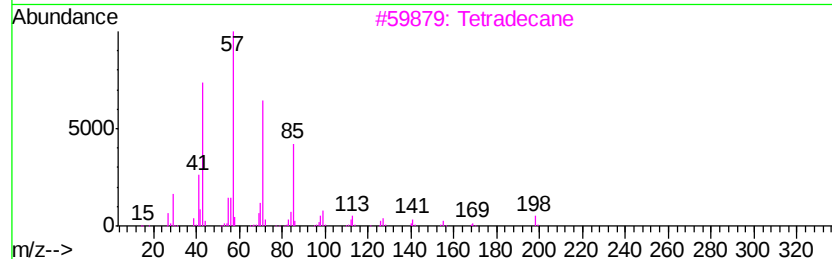
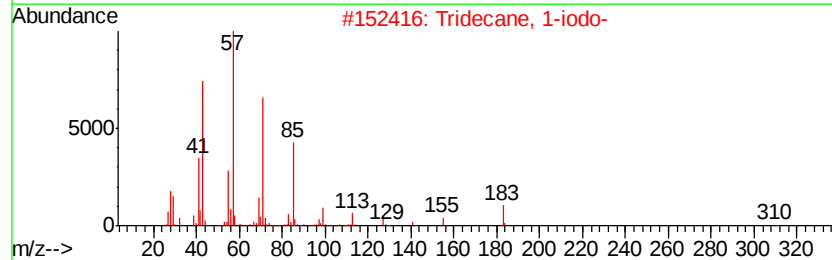
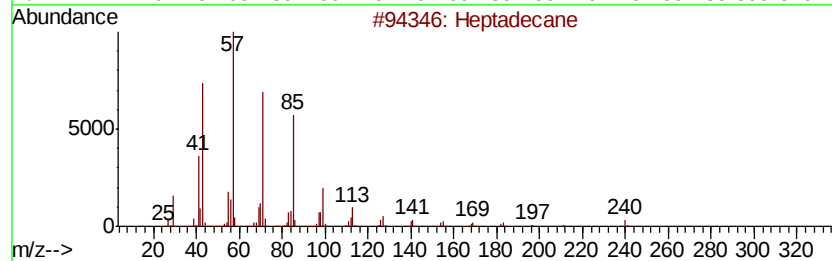
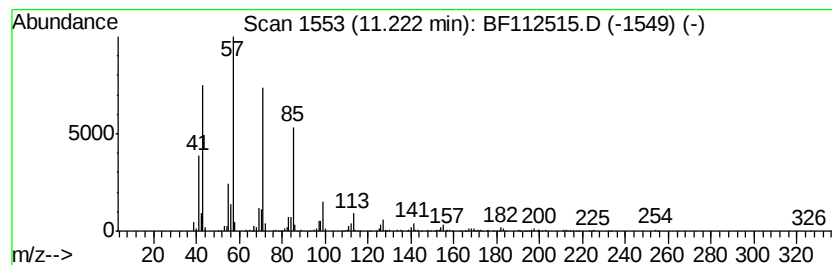
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	17.76 ng	716020	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3		Tetradecane	198	C14H30	000629-59-4	87
4		Nonadecane	268	C19H40	000629-92-5	87
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
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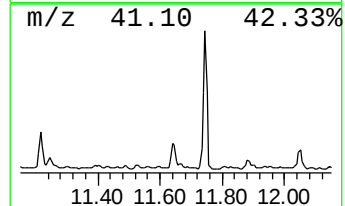
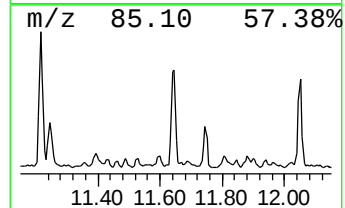
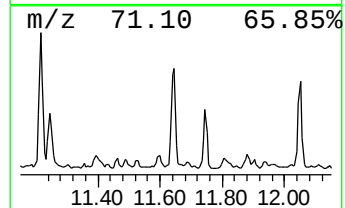
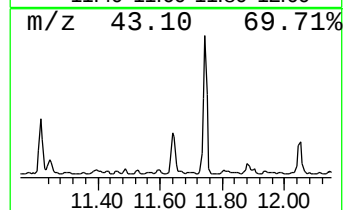
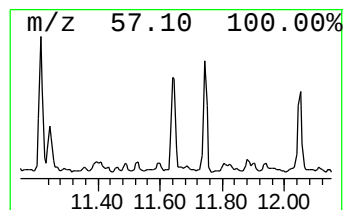
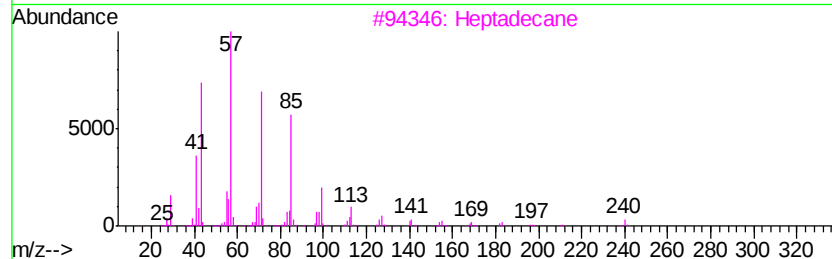
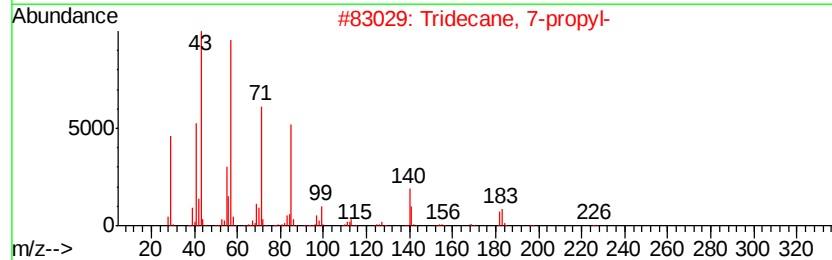
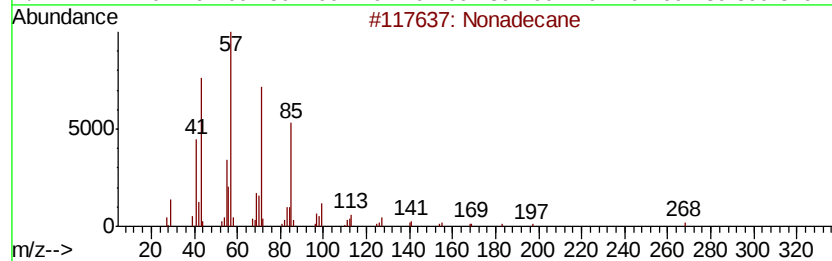
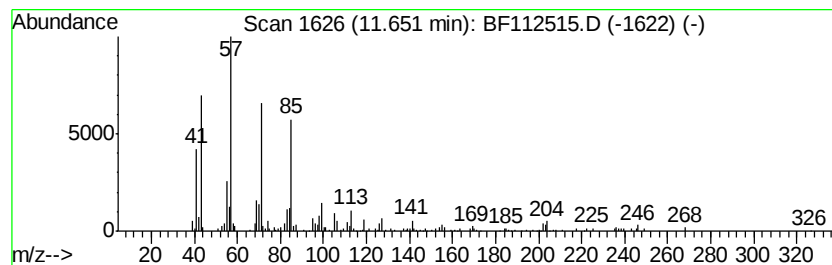
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	14.32 ng	577501	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	97
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
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Acq On : 12 Feb 2019 17:22
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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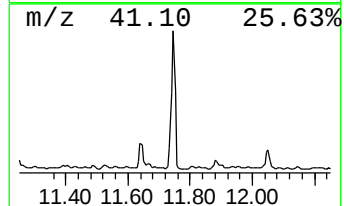
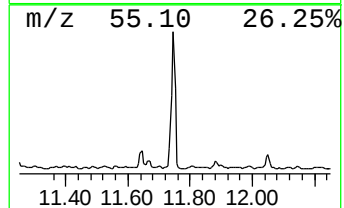
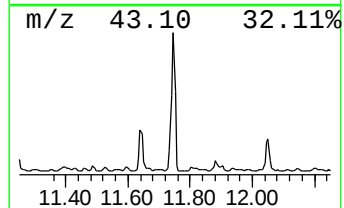
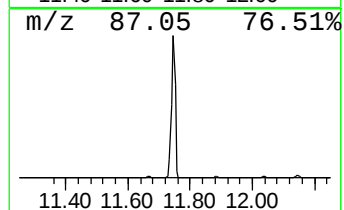
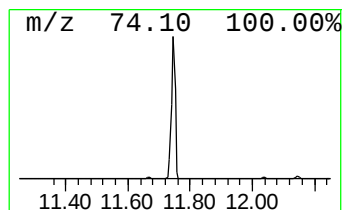
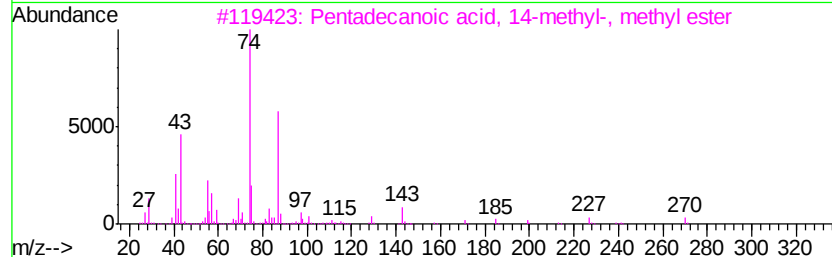
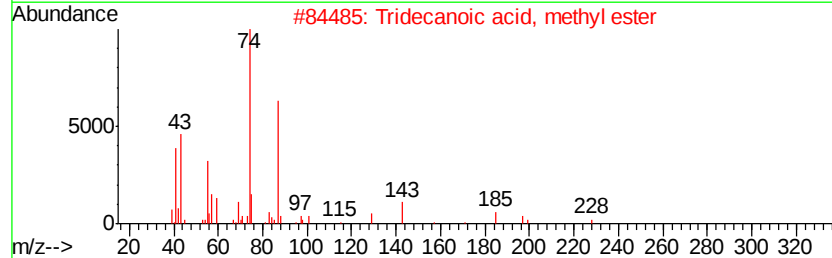
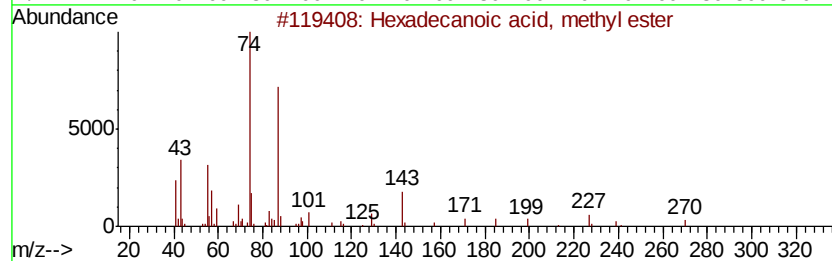
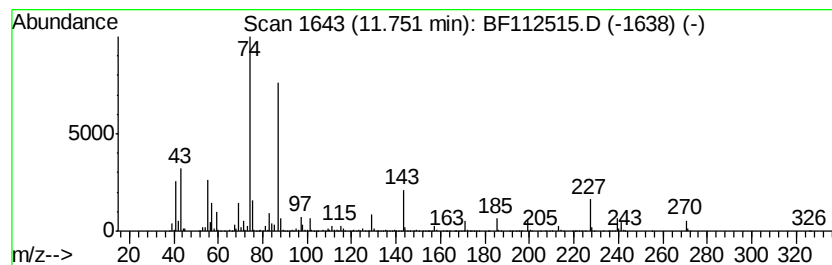
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	94.66 ng	3817240	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
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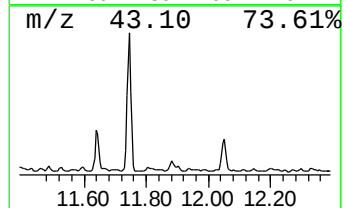
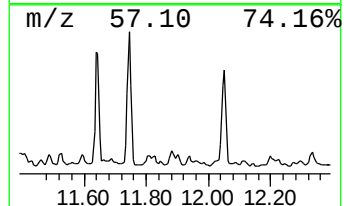
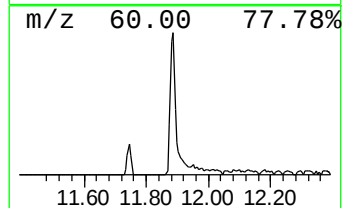
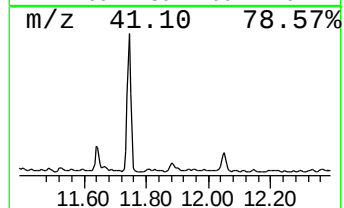
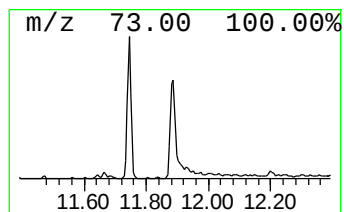
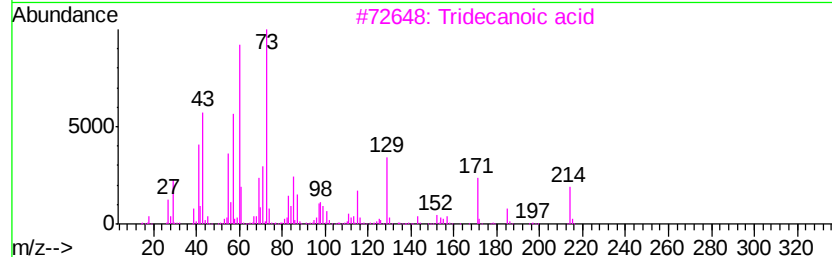
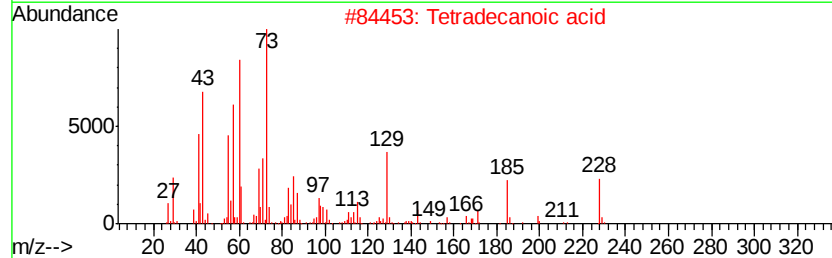
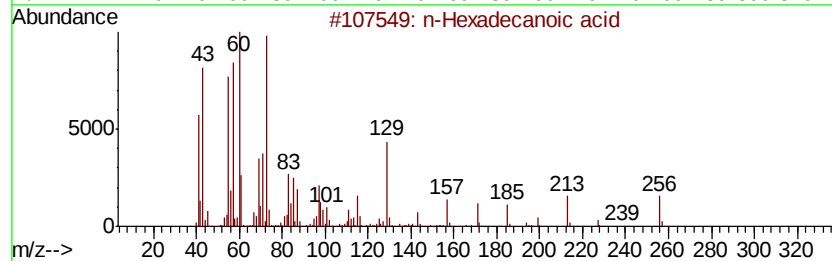
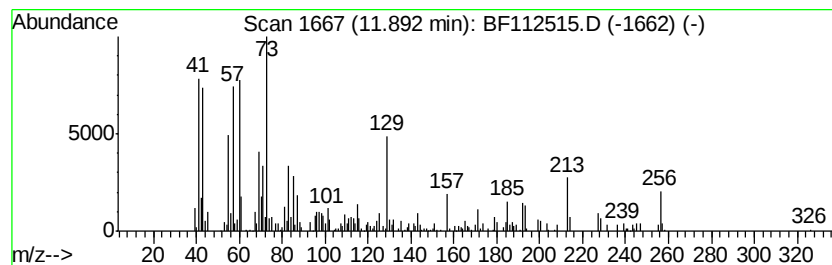
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.89	8.88 ng	358090	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
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Sample : K1343-21 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-K

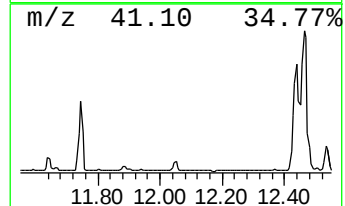
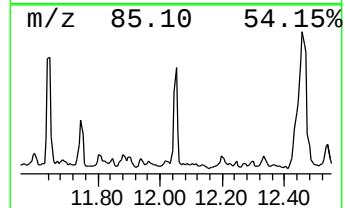
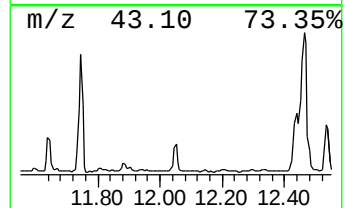
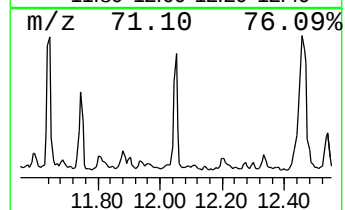
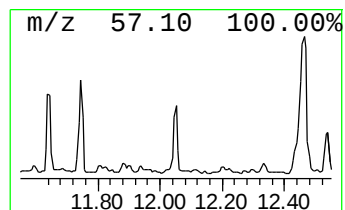
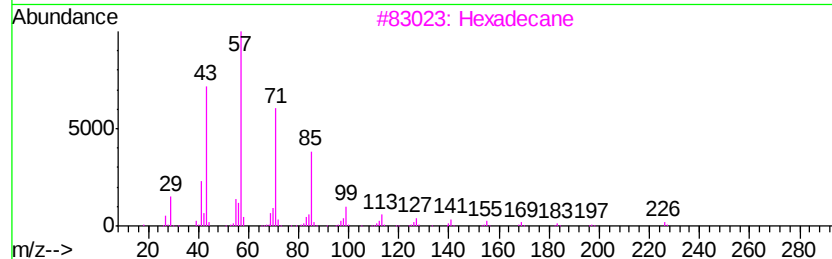
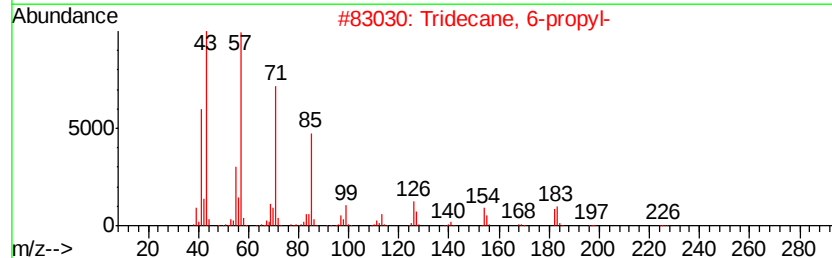
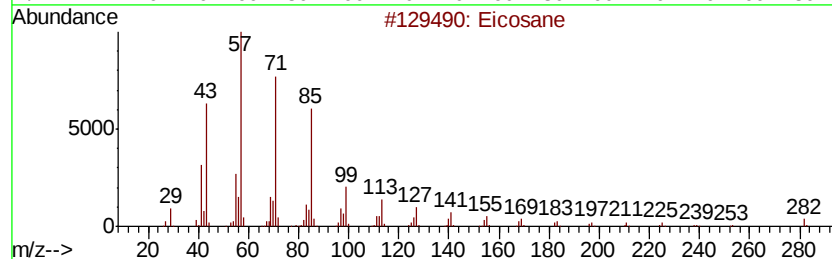
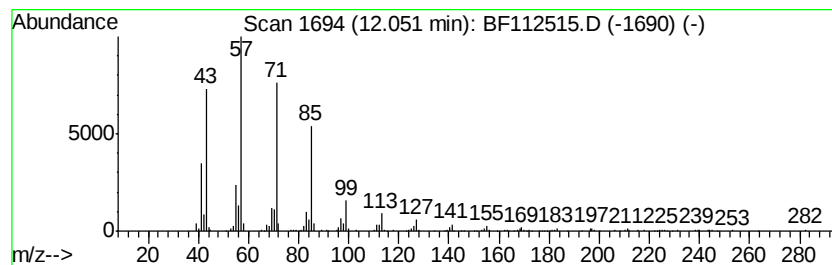
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	12.97 ng	522858	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tetradecane	198	C14H30	000629-59-4	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
Operator : JU/SJ
Sample : K1343-21 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

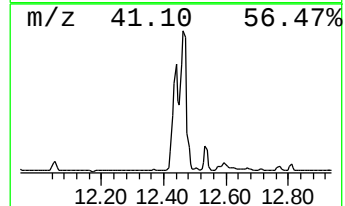
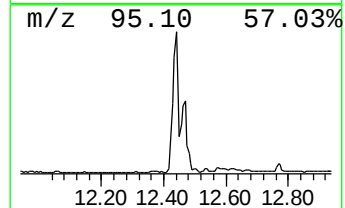
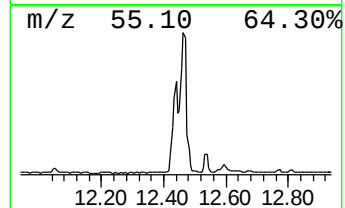
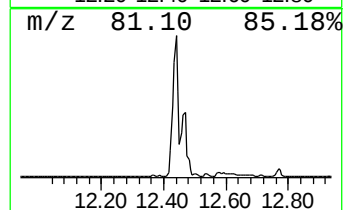
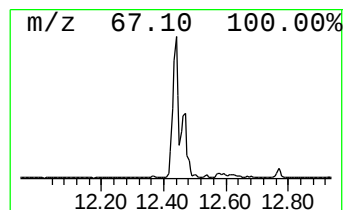
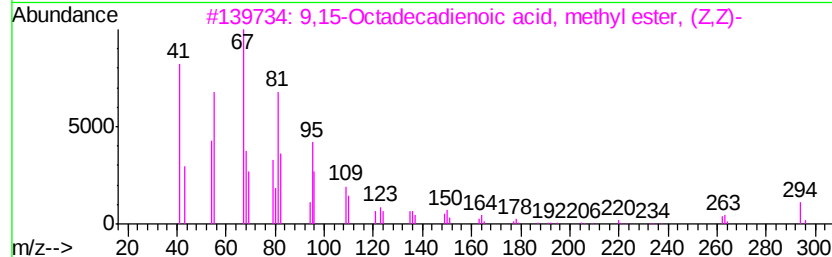
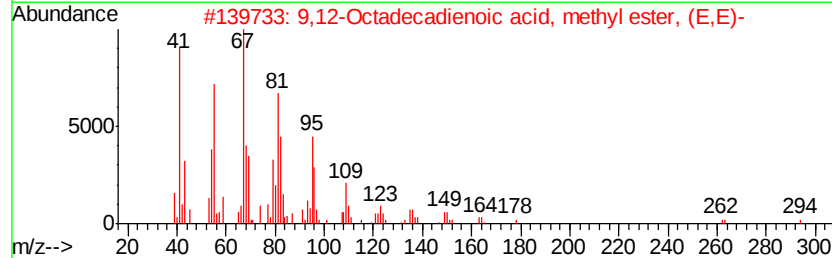
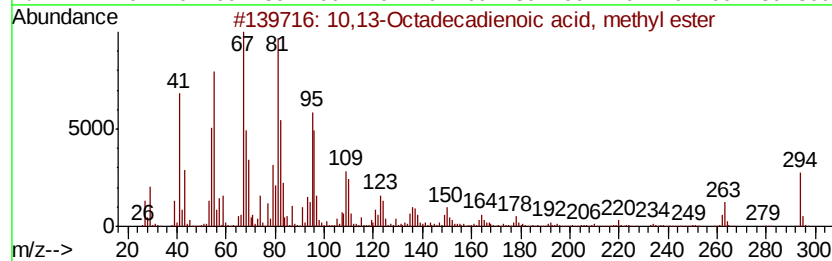
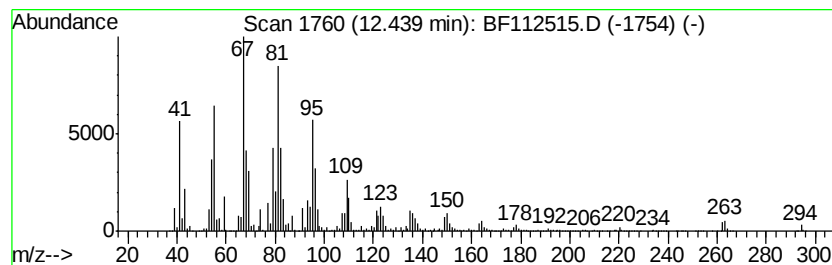
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ClientSampleId :
JC-02-021119-K

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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 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.44	260.28 ng	10495700	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99	
4	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99	
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
Operator : JU/SJ
Sample : K1343-21 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-021119-K

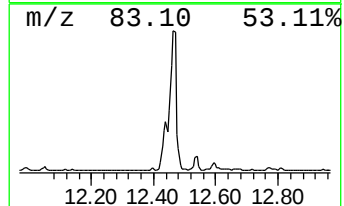
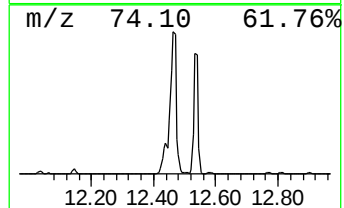
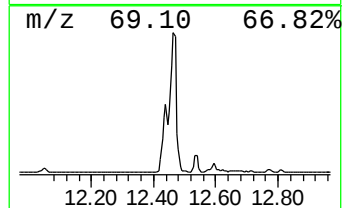
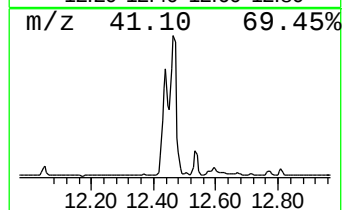
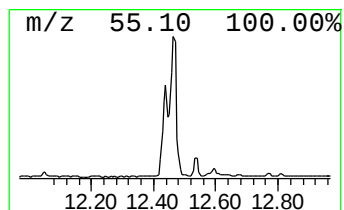
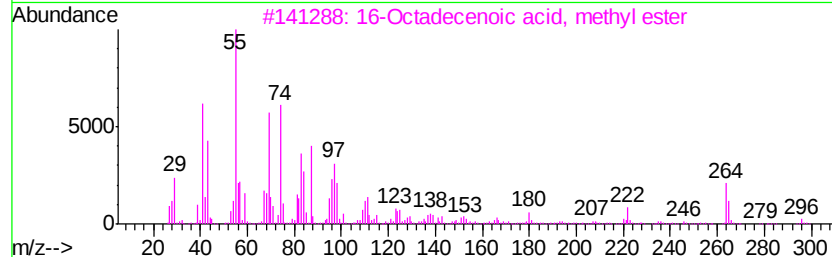
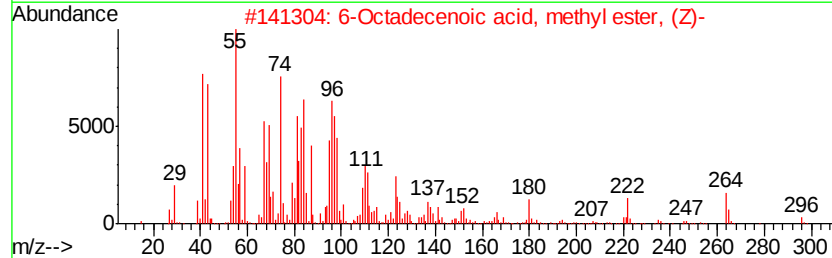
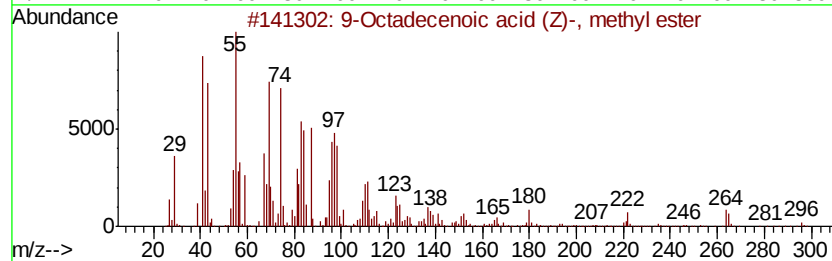
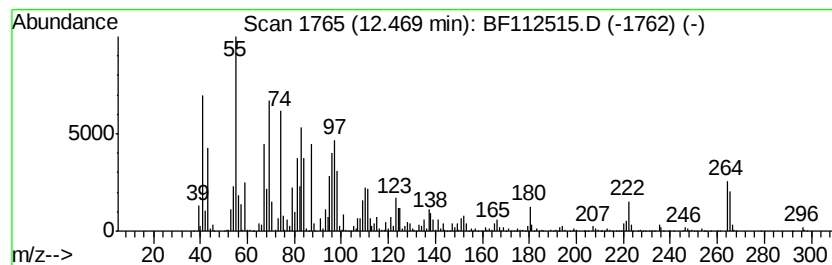
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	270.57 ng	10910700	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
Operator : JU/SJ
Sample : K1343-21 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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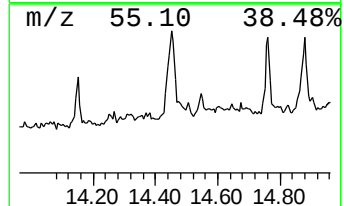
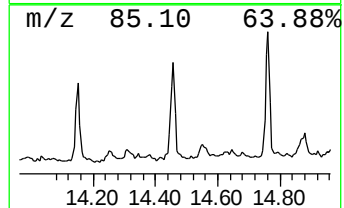
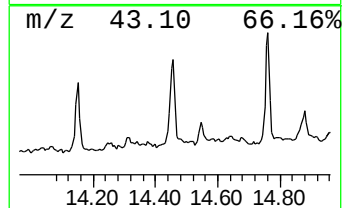
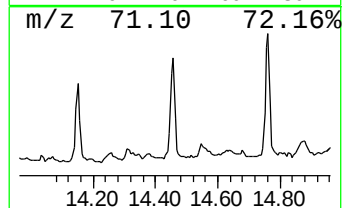
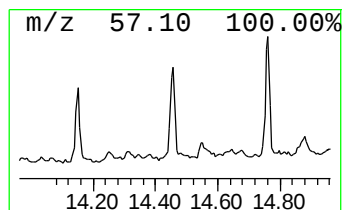
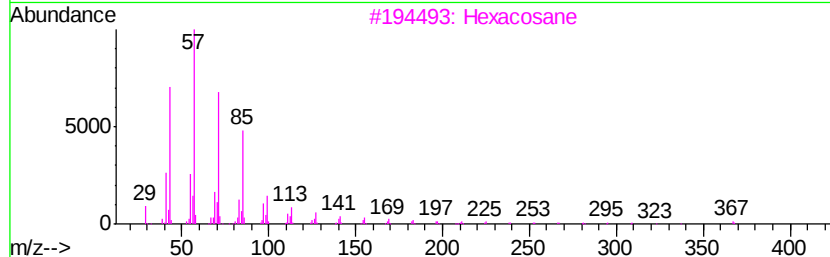
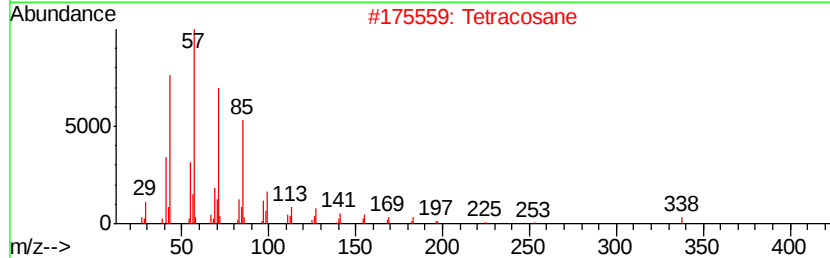
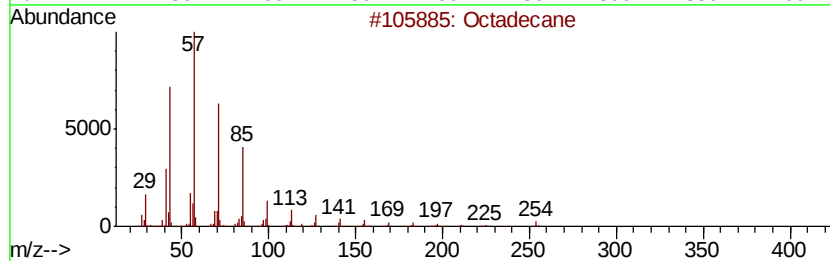
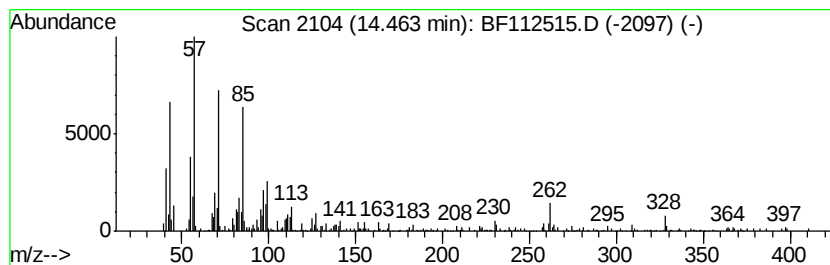
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	17.16 ng	859399	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
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Sample : K1343-21 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
JC-02-021119-K

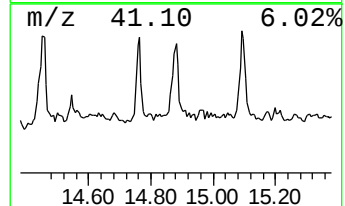
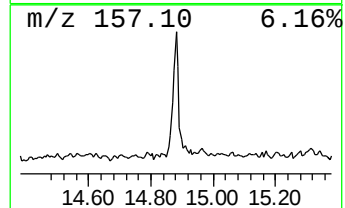
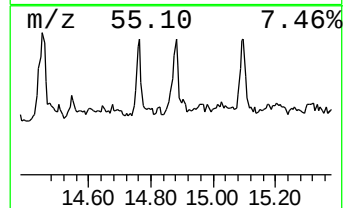
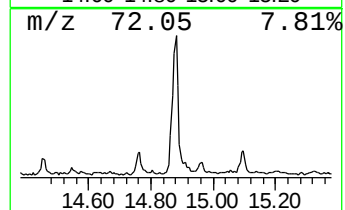
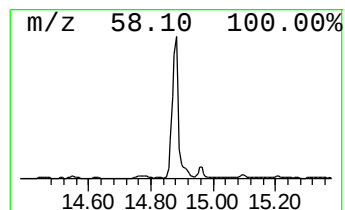
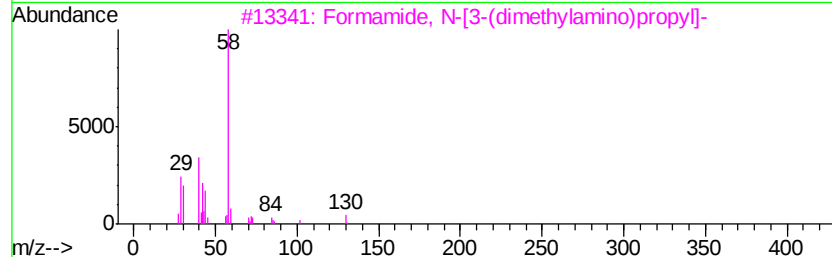
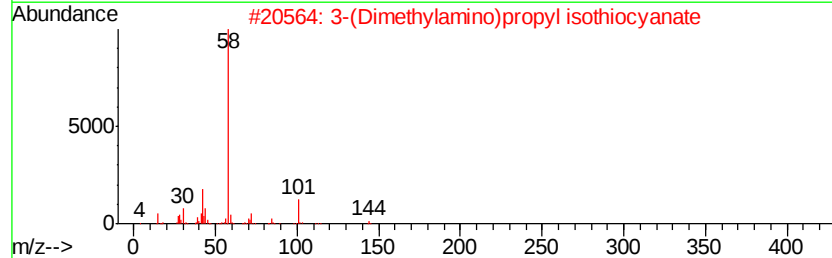
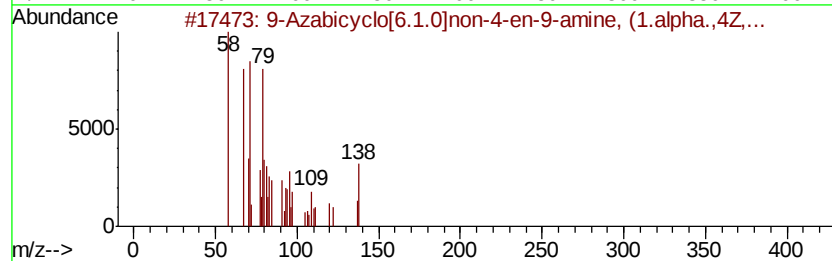
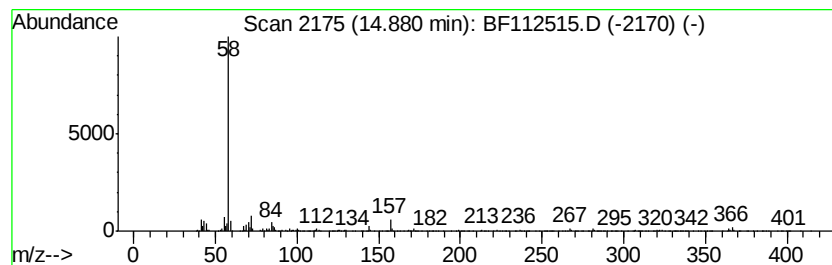
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	35.93 ng	954092	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	76
2		3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3		Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
4		1,2,4-Oxadiazole-5-carboxamide, ...	318	C15H18N4O4	1000350-15-5	64
5		N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112515.D
Acq On : 12 Feb 2019 17:22
Operator : JU/SJ
Sample : K1343-21 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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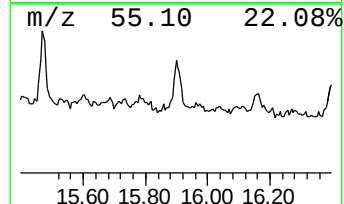
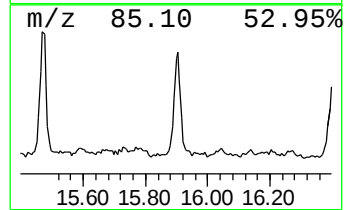
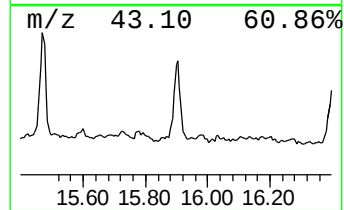
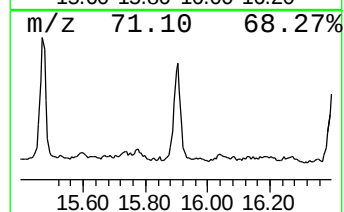
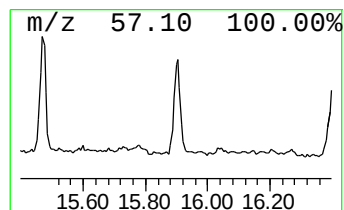
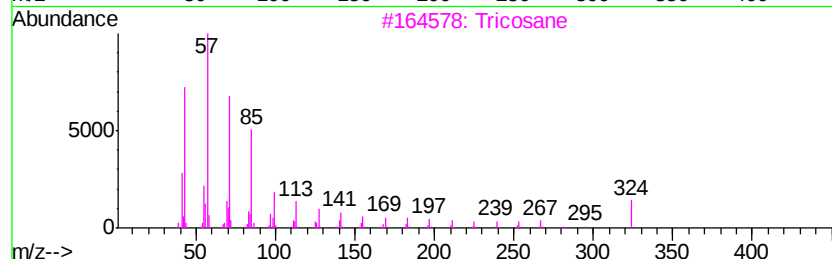
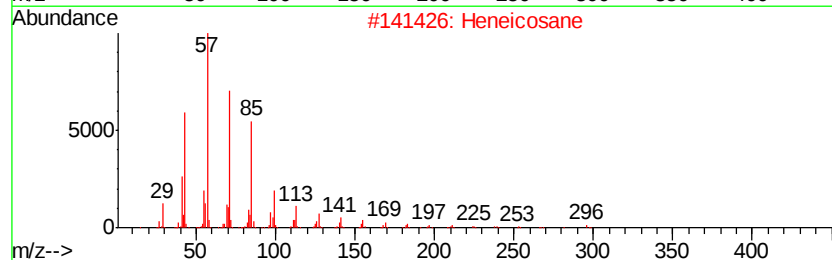
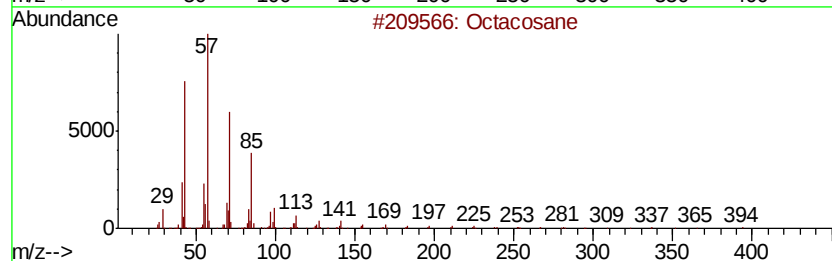
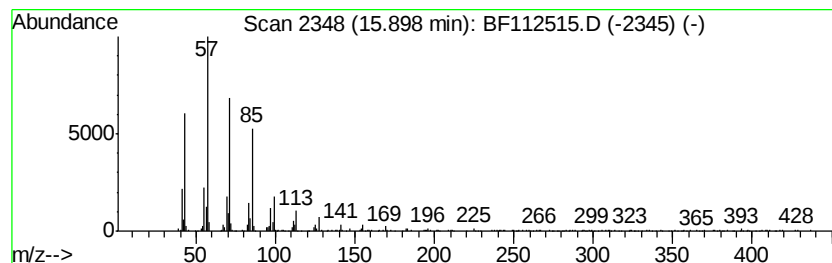
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	15.62 ng	414718	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	98
2		Heneicosane	296	C21H44	000629-94-7	96
3		Tricosane	324	C23H48	000638-67-5	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112515.D
 Acq On : 12 Feb 2019 17:22
 Operator : JU/SJ
 Sample : K1343-21 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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Tridecane	8.70	13.5	ng	733972	2	8.12	1086590	20.0
Tetradecane	9.27	19.9	ng	938235	3	9.87	944382	20.0
Hexadecane	10.30	22.4	ng	1058270	3	9.87	944382	20.0
Pentadecane, 2,6,...	10.52	10.3	ng	488089	3	9.87	944382	20.0
Pentadecane	10.77	29.5	ng	1189310	4	11.36	806498	20.0
Heptadecane	11.22	17.8	ng	716020	4	11.36	806498	20.0
Nonadecane	11.65	14.3	ng	577501	4	11.36	806498	20.0
Hexadecanoic acid...	11.75	94.7	ng	3817240	4	11.36	806498	20.0
n-Hexadecanoic acid	11.89	8.9	ng	358090	4	11.36	806498	20.0
Eicosane	12.05	13.0	ng	522858	4	11.36	806498	20.0
10,13-Octadecadie...	12.44	260.3	ng	10495700	4	11.36	806498	20.0
9-Octadecenoic ac...	12.47	270.6	ng	10910700	4	11.36	806498	20.0
Octadecane	14.46	17.2	ng	859399	5	14.01	1001620	20.0
9-Azabicyclo[6.1....	14.88	35.9	ng	954092	6	15.49	531012	20.0
Octacosane	15.90	15.6	ng	414718	6	15.49	531012	20.0