

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113524.D
 Acq On : 3 Apr 2019 00:10
 Operator : JU/SJ
 Sample : K2184-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-001

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-BF032519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	468	472	481	rBV	29879	41855	2.92%	0.173%
2	5.298	543	546	555	rBV	502090	588699	41.03%	2.440%
3	5.592	593	596	600	rBV	36832	35622	2.48%	0.148%
4	6.216	700	702	706	rBV3	23408	27039	1.88%	0.112%
5	6.334	719	722	735	rBV	862867	974987	67.95%	4.041%
6	6.463	741	744	751	rVB	979898	866770	60.41%	3.593%
7	6.516	751	753	755	rVV	41413	42442	2.96%	0.176%
8	6.534	755	756	761	rVB	77997	61859	4.31%	0.256%
9	6.692	779	783	786	rBV	797555	713117	49.70%	2.956%
10	6.751	790	793	798	rBV4	36694	39525	2.75%	0.164%
11	6.845	806	809	818	rVB	929024	812983	56.66%	3.370%
12	6.975	822	831	834	rVB6	28128	45867	3.20%	0.190%
13	7.016	834	838	840	rBV2	31515	31609	2.20%	0.131%
14	7.086	847	850	853	rBV2	50005	40746	2.84%	0.169%
15	7.251	875	878	884	rVV	610975	518702	36.15%	2.150%
16	7.298	884	886	889	rVB	138277	106314	7.41%	0.441%
17	7.345	889	894	897	rVB4	27772	41820	2.91%	0.173%
18	7.498	916	920	924	rVB3	42815	55300	3.85%	0.229%
19	7.610	932	939	942	rBV4	23838	47069	3.28%	0.195%
20	7.733	959	960	966	rVV3	32302	41784	2.91%	0.173%
21	7.810	970	973	976	rVB4	19467	28290	1.97%	0.117%
22	7.975	996	1001	1003	rBV	1122009	1056098	73.60%	4.378%
23	7.992	1003	1004	1008	rVV	173437	147627	10.29%	0.612%
24	8.045	1011	1013	1015	rVB	51019	34833	2.43%	0.144%
25	8.269	1047	1051	1054	rBV4	36527	47361	3.30%	0.196%
26	8.357	1063	1066	1069	rVV	40368	37255	2.60%	0.154%
27	8.404	1069	1074	1079	rVV	73997	82429	5.74%	0.342%
28	8.475	1083	1086	1090	rBV2	39979	43286	3.02%	0.179%
29	8.575	1099	1103	1106	rBV	167023	153478	10.70%	0.636%
30	8.633	1110	1113	1115	rVV3	38761	37823	2.64%	0.157%
31	8.669	1115	1119	1120	rVV3	28589	37118	2.59%	0.154%
32	8.686	1120	1122	1125	rVB	119348	94245	6.57%	0.391%
33	8.780	1134	1138	1145	rVB2	97865	123926	8.64%	0.514%
34	8.933	1162	1164	1167	rVB	35624	27626	1.93%	0.115%

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35	8.975	1168	1171	1173	rVV	40660	31401	2.19%	0.130%
36	8.998	1173	1175	1179	rVB2	72168	63776	4.44%	0.264%
37	9.045	1179	1183	1188	rBV	1352156	1092222	76.12%	4.527%
38	9.133	1193	1198	1202	rBV2	236373	218373	15.22%	0.905%
39	9.245	1214	1217	1222	rVB4	23481	32154	2.24%	0.133%
40	9.316	1222	1229	1232	rBV3	68593	104823	7.31%	0.434%
41	9.380	1237	1240	1243	rBV2	85586	87892	6.13%	0.364%
42	9.410	1243	1245	1247	rVB	63548	46329	3.23%	0.192%
43	9.439	1247	1250	1251	rBV	103585	91839	6.40%	0.381%
44	9.504	1258	1261	1265	rVB3	45208	69396	4.84%	0.288%
45	9.580	1272	1274	1280	rBV	55162	57437	4.00%	0.238%
46	9.663	1285	1288	1292	rVB	209769	157127	10.95%	0.651%
47	9.722	1292	1298	1301	rBV	989655	933514	65.06%	3.869%
48	9.751	1301	1303	1307	rVB2	76174	69767	4.86%	0.289%
49	9.827	1313	1316	1320	rVB3	35863	47854	3.34%	0.198%
50	9.898	1320	1328	1330	rBV7	32689	69422	4.84%	0.288%
51	9.922	1330	1332	1335	rVB	81923	76348	5.32%	0.316%
52	9.986	1341	1343	1347	rVB3	43894	42760	2.98%	0.177%
53	10.039	1350	1352	1355	rBV	33781	32658	2.28%	0.135%
54	10.157	1369	1372	1375	rVB	184429	157435	10.97%	0.653%
55	10.263	1388	1390	1397	rBV	107692	120631	8.41%	0.500%
56	10.380	1407	1410	1415	rVB	88618	88986	6.20%	0.369%
57	10.427	1415	1418	1421	rVB4	40517	48741	3.40%	0.202%
58	10.463	1421	1424	1427	rBV2	30593	29785	2.08%	0.123%
59	10.510	1427	1432	1435	rBV3	202392	225383	15.71%	0.934%
60	10.627	1450	1452	1460	rBV	198196	275465	19.20%	1.142%
61	10.816	1480	1484	1486	rBV3	39248	53588	3.73%	0.222%
62	10.886	1494	1496	1500	rVB3	25621	26996	1.88%	0.112%
63	11.051	1521	1524	1526	rBV3	23168	26984	1.88%	0.112%
64	11.074	1526	1528	1530	rVV	189106	158240	11.03%	0.656%
65	11.104	1530	1533	1537	rVB2	106950	143077	9.97%	0.593%
66	11.198	1546	1549	1551	rBV	960822	816124	56.88%	3.383%
67	11.221	1551	1553	1556	rVV	584062	489951	34.15%	2.031%
68	11.274	1559	1562	1566	rVV	142042	141758	9.88%	0.588%
69	11.321	1567	1570	1572	rVB3	32228	32536	2.27%	0.135%
70	11.433	1587	1589	1591	rBV	37644	36416	2.54%	0.151%
71	11.504	1597	1601	1603	rBV	151172	139995	9.76%	0.580%

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72	11.527	1603	1605	1607	rVV	34226	28555	1.99%	0.118%
73	11.598	1614	1617	1624	rVB	705651	577783	40.27%	2.395%
74	11.663	1625	1628	1630	rBV3	32749	38069	2.65%	0.158%
75	11.704	1632	1635	1637	rVV2	94552	92949	6.48%	0.385%
76	11.733	1637	1640	1643	rVB2	164063	160274	11.17%	0.664%
77	11.810	1650	1653	1656	rBV	153662	158023	11.01%	0.655%
78	11.910	1667	1670	1672	rVV	145532	124096	8.65%	0.514%
79	11.933	1672	1674	1677	rVB2	41087	36289	2.53%	0.150%
80	11.998	1682	1685	1688	rVV	55212	72276	5.04%	0.300%
81	12.027	1688	1690	1693	rVB	55285	48741	3.40%	0.202%
82	12.127	1704	1707	1709	rBV2	54397	59572	4.15%	0.247%
83	12.174	1713	1715	1723	rBV4	56252	125567	8.75%	0.520%
84	12.251	1725	1728	1730	rBV	143031	129719	9.04%	0.538%
85	12.280	1730	1733	1735	rBV	1362872	1326092	92.42%	5.497%
86	12.304	1735	1737	1740	rVB	1916443	1434841	100.00%	5.947%
87	12.392	1749	1752	1753	rBV	299652	274866	19.16%	1.139%
88	12.410	1753	1755	1758	rVB	688585	508123	35.41%	2.106%
89	12.633	1789	1793	1796	rBV	563519	628566	43.81%	2.605%
90	12.663	1796	1798	1801	rVB	210466	184690	12.87%	0.766%
91	12.780	1815	1818	1821	rBV	1140966	985874	68.71%	4.087%
92	12.963	1847	1849	1853	rVB	147129	139080	9.69%	0.576%
93	13.021	1856	1859	1863	rVV2	211810	271780	18.94%	1.127%
94	13.363	1914	1917	1919	rBV	261833	220100	15.34%	0.912%
95	13.686	1970	1972	1975	rBV	257972	207345	14.45%	0.859%
96	13.833	1993	1997	2000	rBV2	972783	1141582	79.56%	4.732%
97	14.004	2024	2026	2029	rVB	318376	255239	17.79%	1.058%
98	14.310	2075	2078	2081	rBV	300204	288306	20.09%	1.195%
99	14.604	2125	2128	2130	rBV	332783	304677	21.23%	1.263%
100	15.245	2234	2237	2245	rVB2	497334	879362	61.29%	3.645%

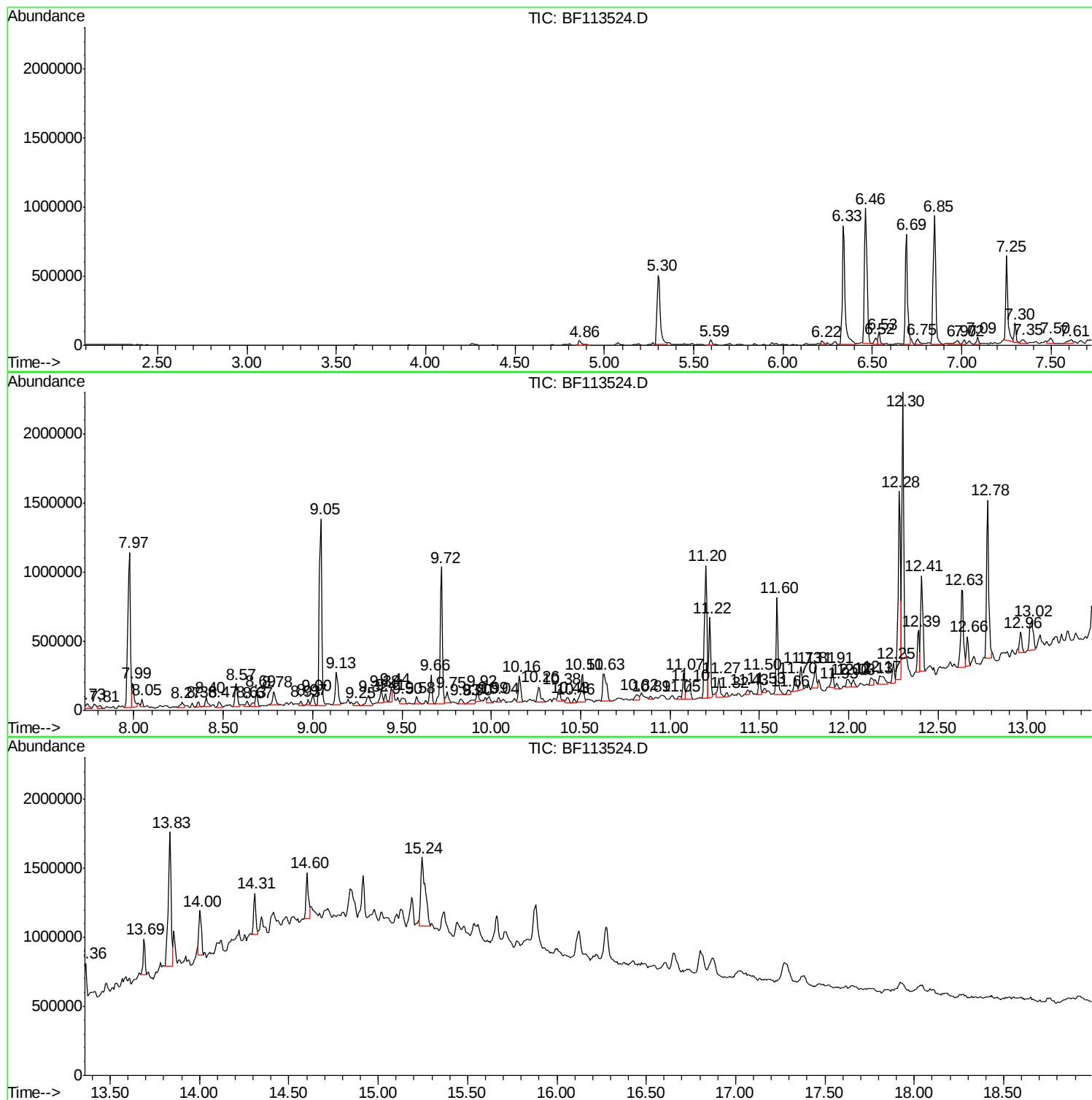
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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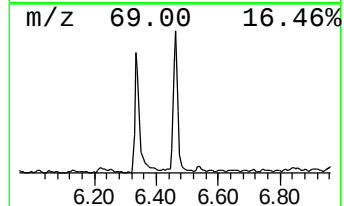
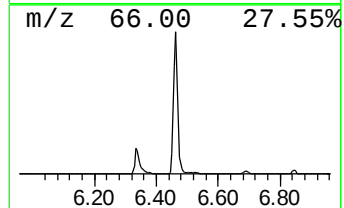
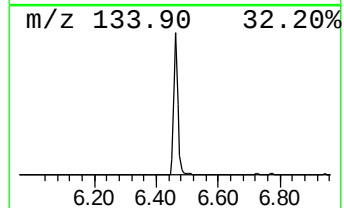
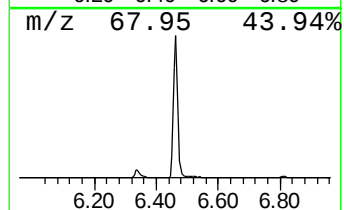
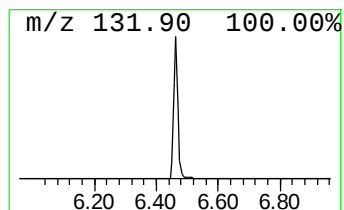
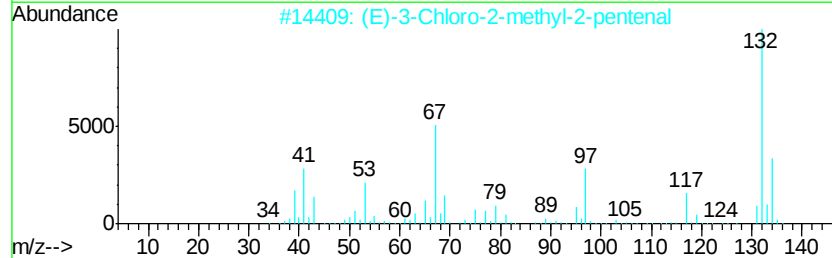
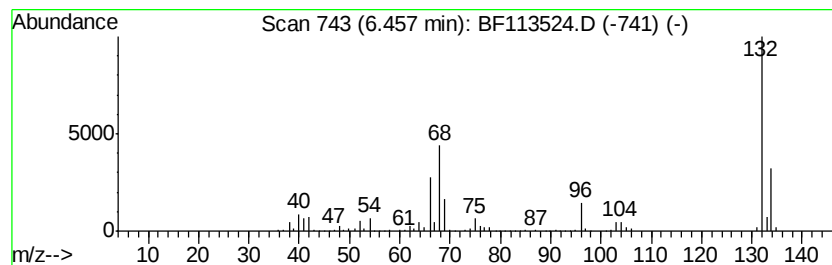
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	24.31 ng	866770	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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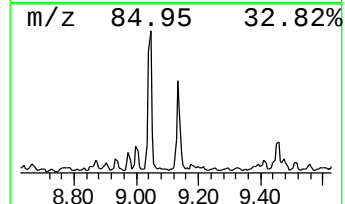
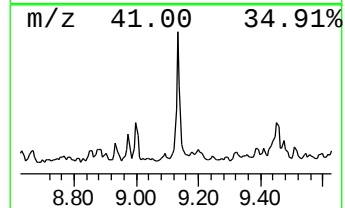
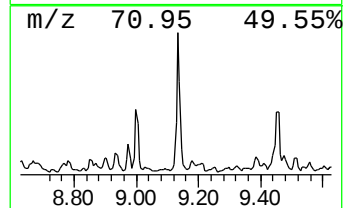
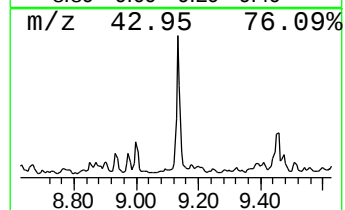
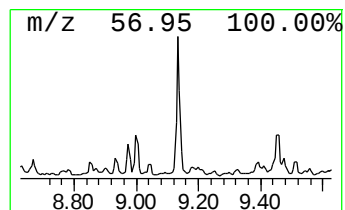
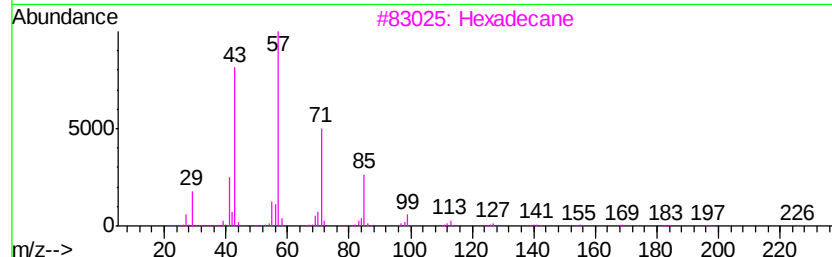
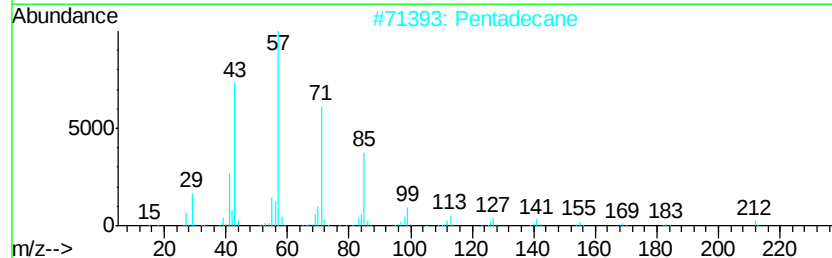
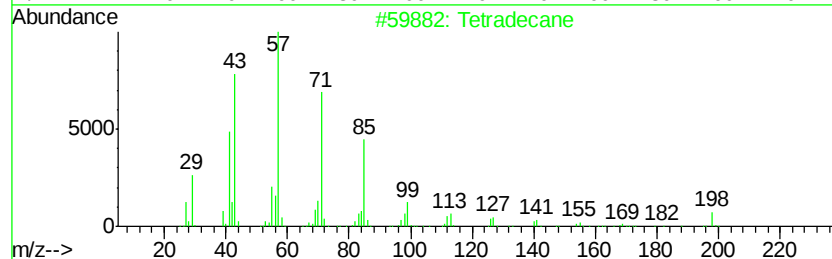
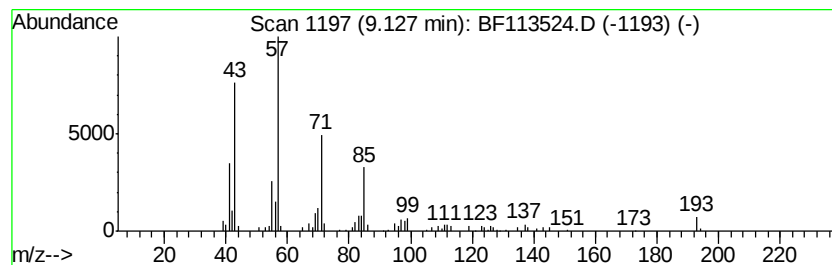
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	4.68 ng	218373	Acenaphthene-d10	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Pentadecane	212	C15H32	000629-62-9	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tridecane	184	C13H28	000629-50-5	90
5			Undecane	156	C11H24	001120-21-4	86



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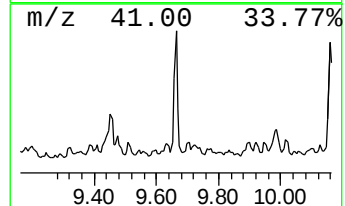
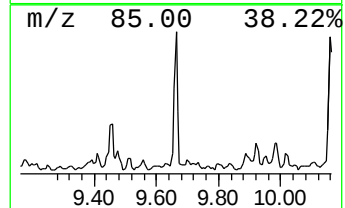
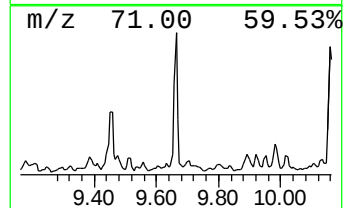
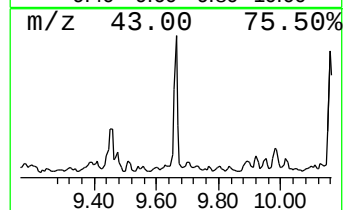
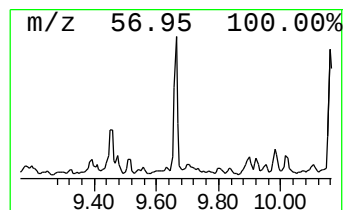
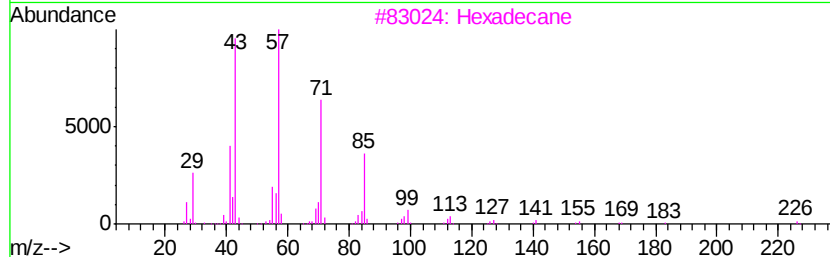
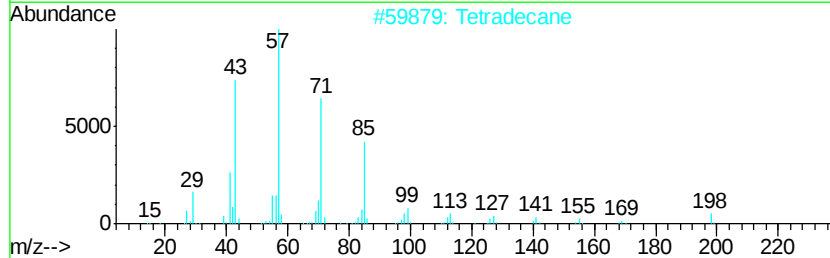
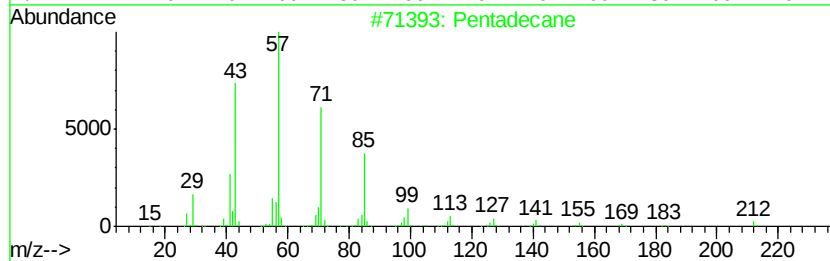
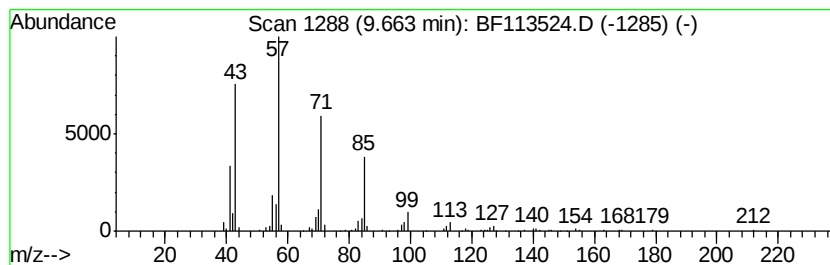
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Peak Number 4 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	3.37 ng	157127	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

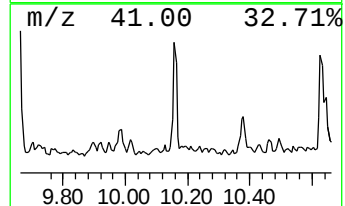
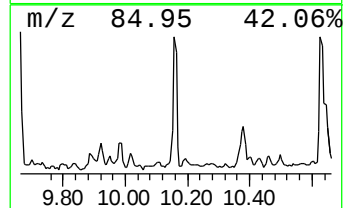
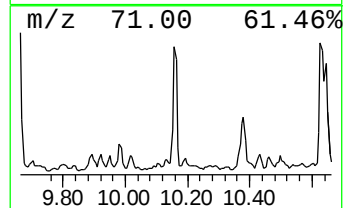
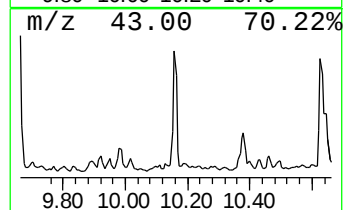
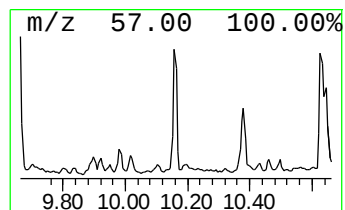
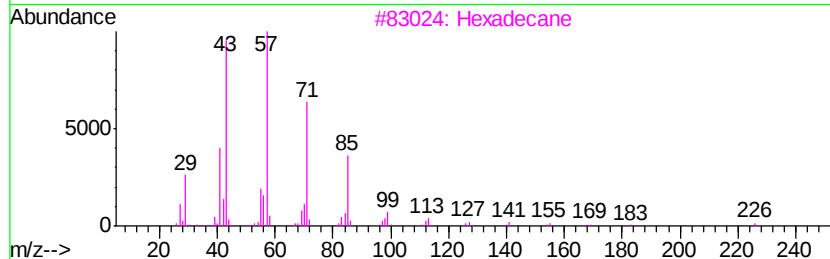
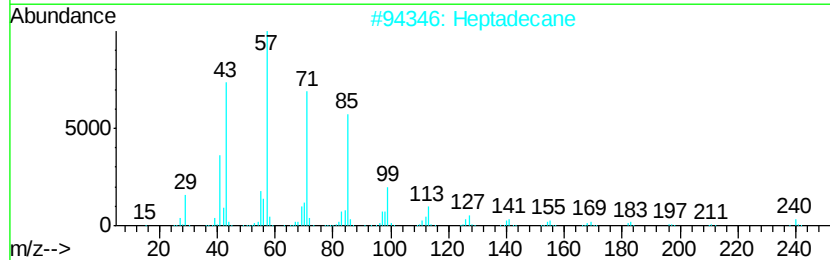
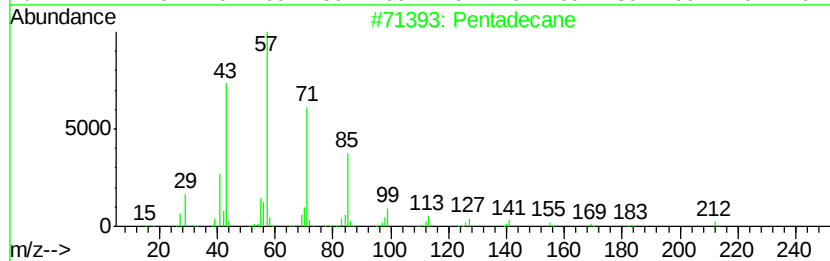
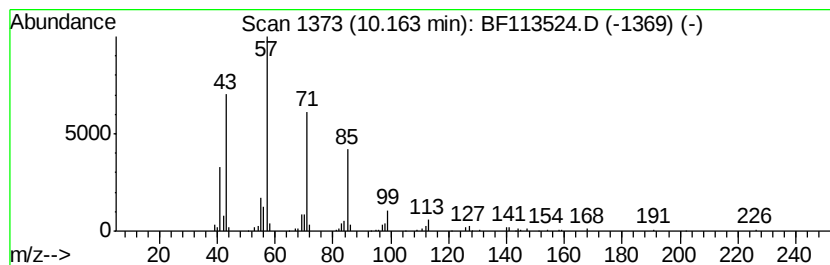
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.37 ng	157435	Acenaphthene-d10	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Heptadecane		240	C17H36	000629-78-7	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

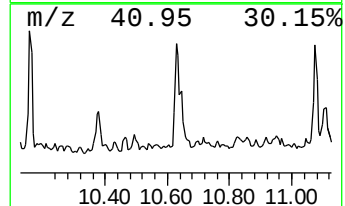
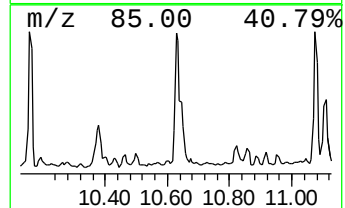
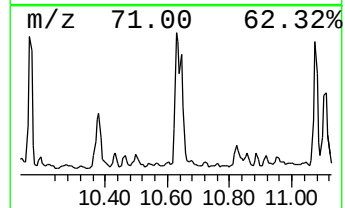
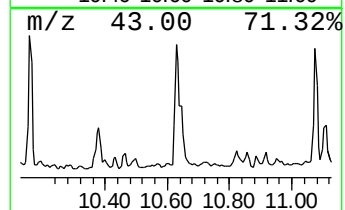
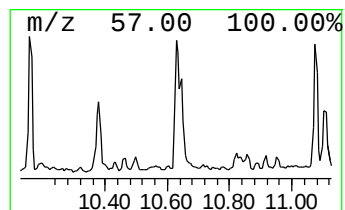
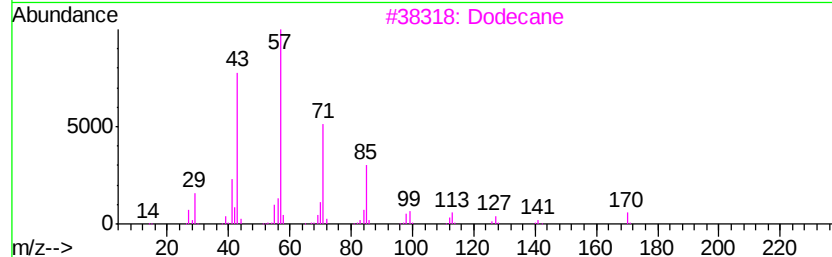
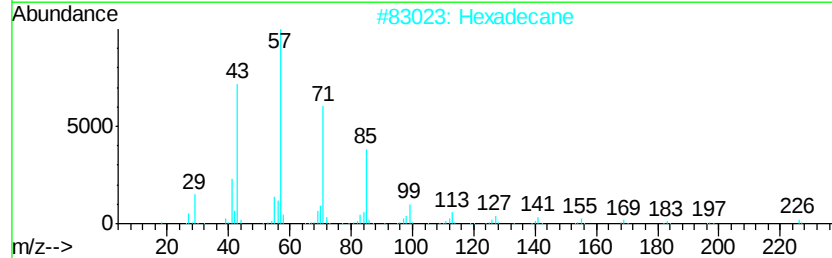
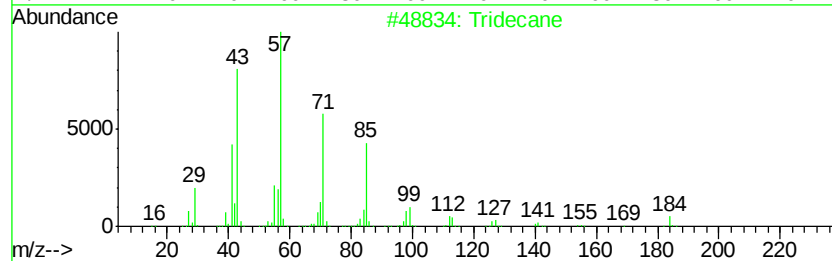
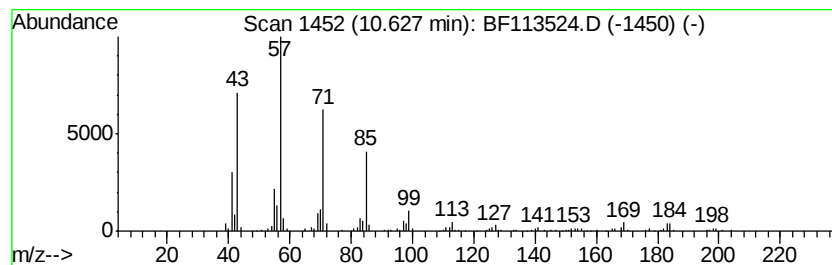
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.63	6.75 ng	275465	Phenanthrene-d10		11.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane	170	C12H26	000112-40-3	81
4		Heneicosane	296	C21H44	000629-94-7	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
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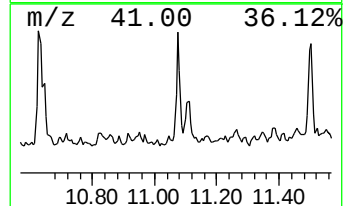
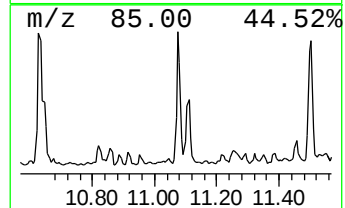
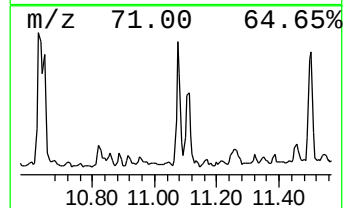
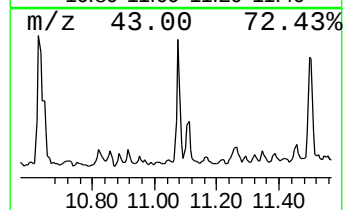
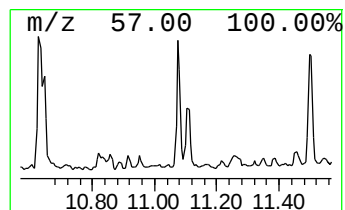
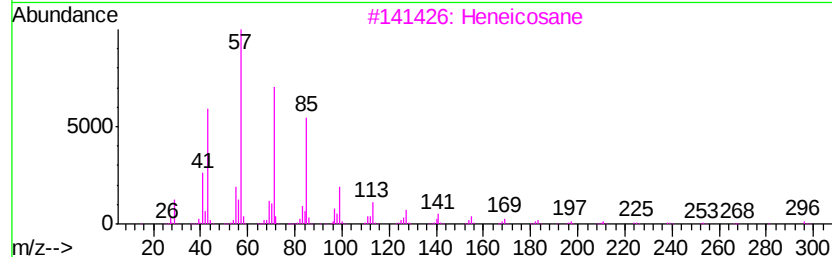
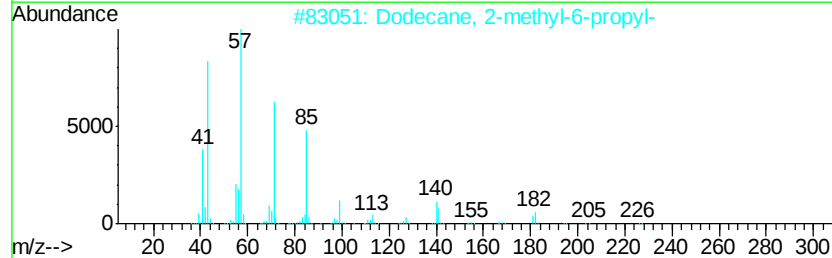
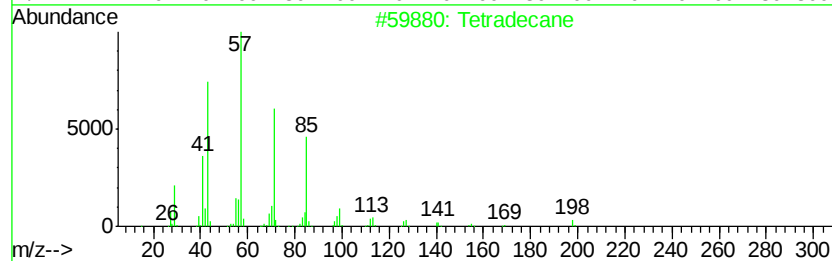
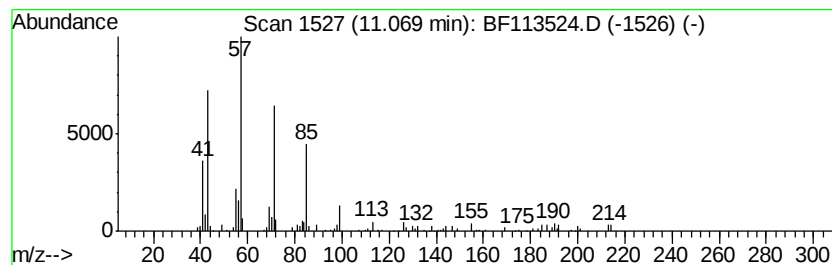
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.07	3.88 ng	158240	Phenanthrene-d10		11.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Heneicosane	296	C21H44	000629-94-7	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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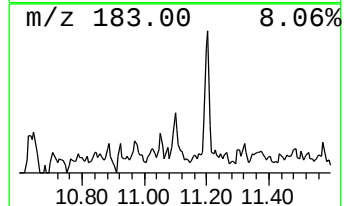
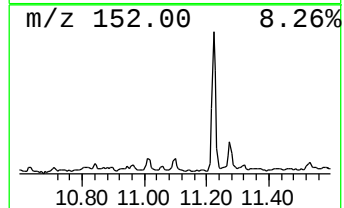
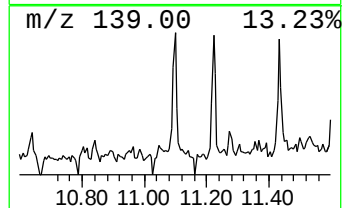
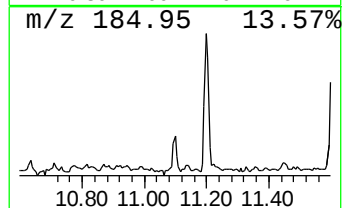
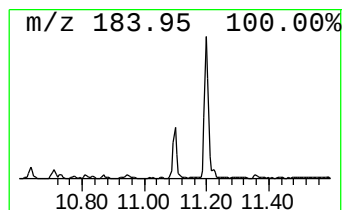
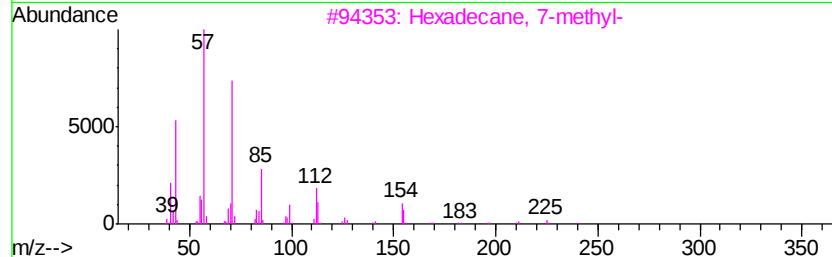
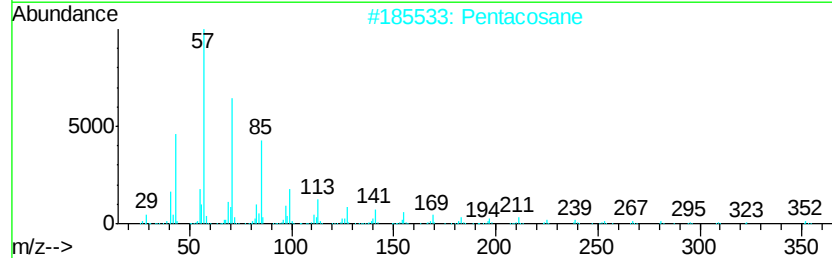
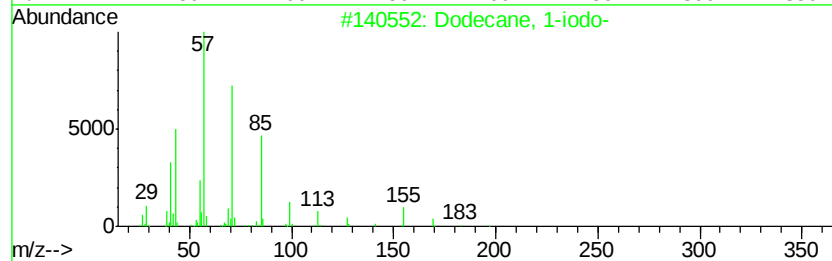
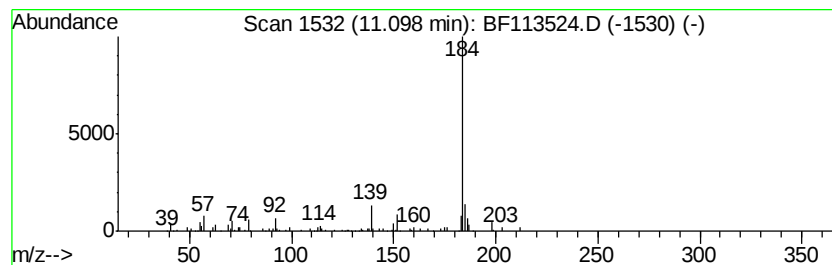
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.51 ng	143077	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47
2		Pentacosane	352	C25H52	000629-99-2	47
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	47
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
5		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
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Sample : K2184-01 2X
Misc :
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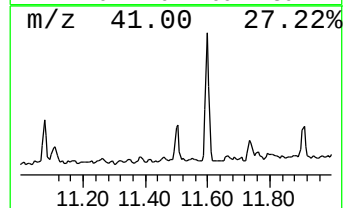
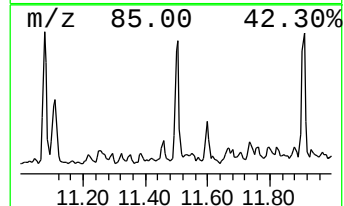
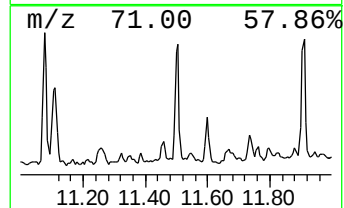
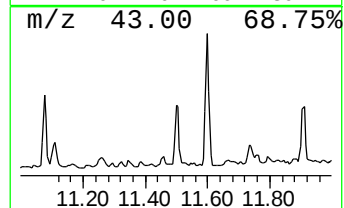
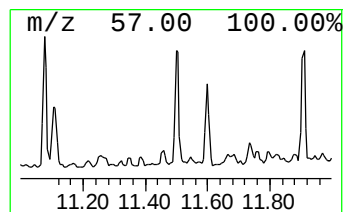
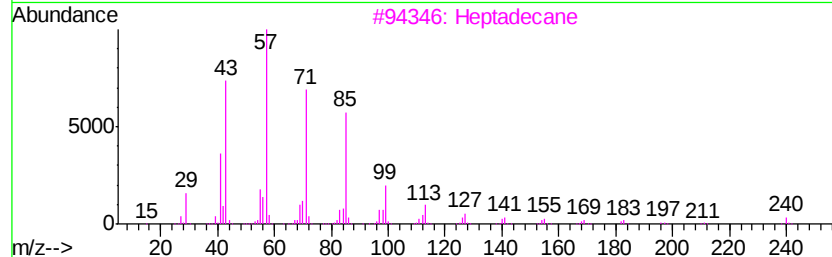
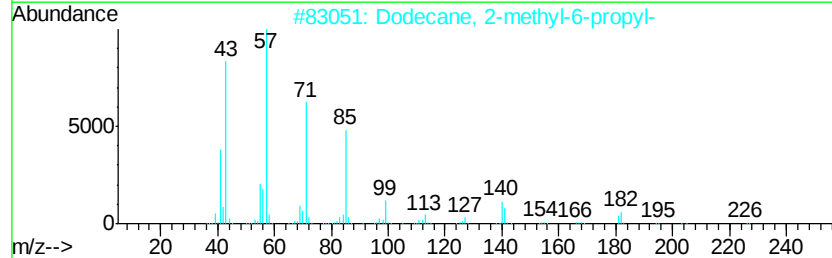
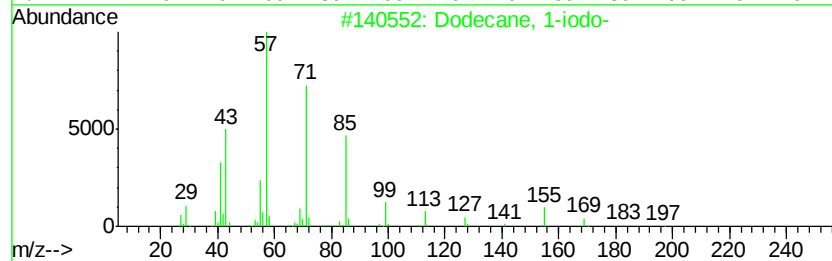
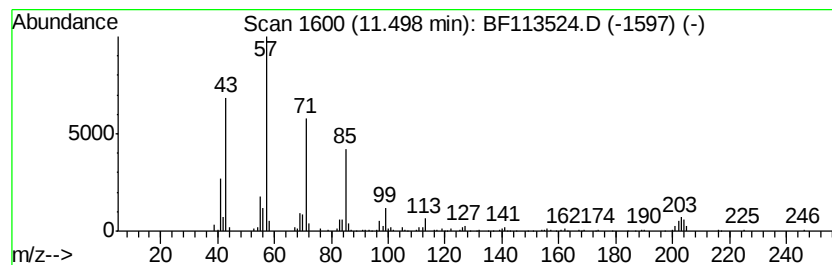
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.50	3.43 ng	139995	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
5	Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
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Misc :
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ClientSampleID :
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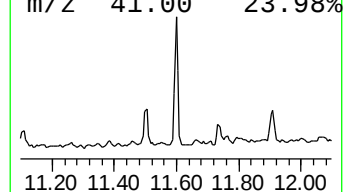
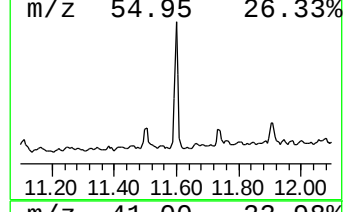
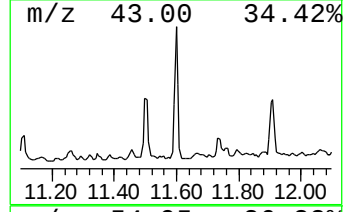
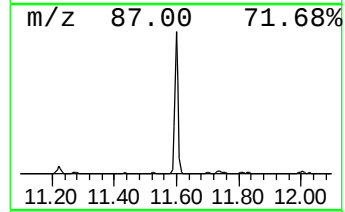
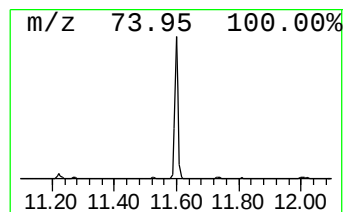
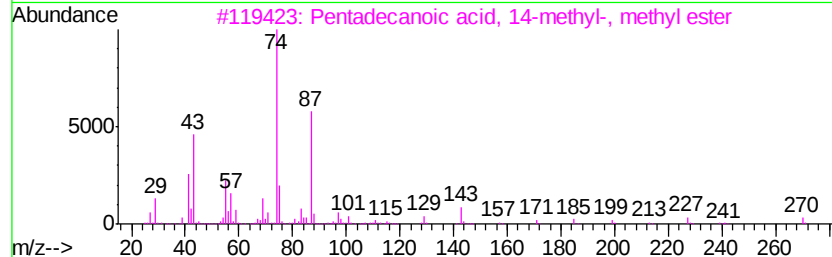
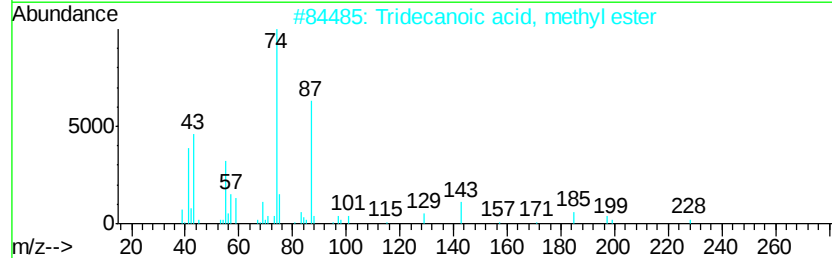
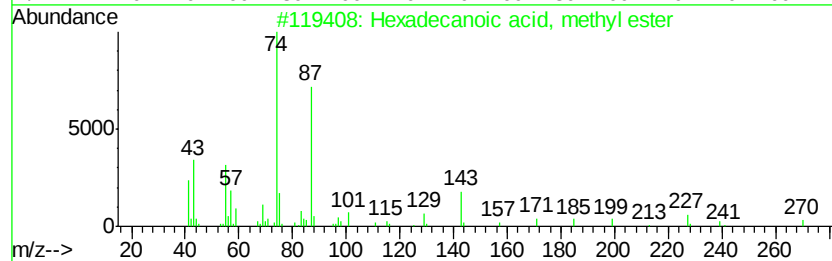
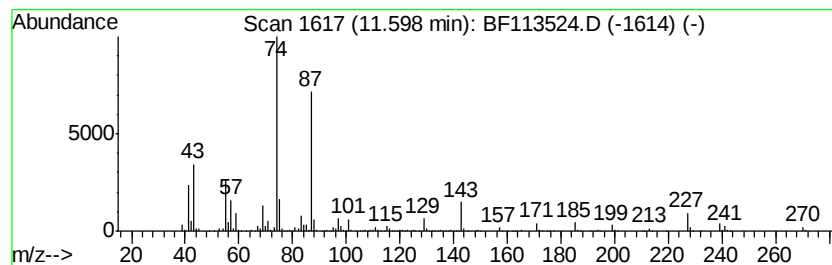
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	14.16 ng	577783	Phenanthrene-d10	11.20

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	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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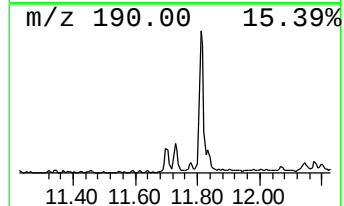
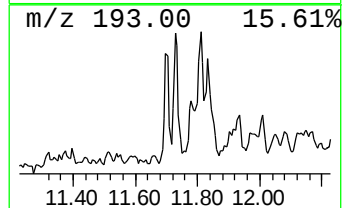
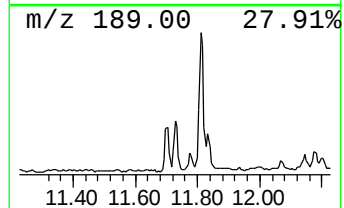
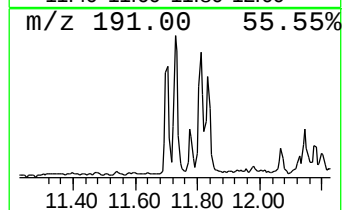
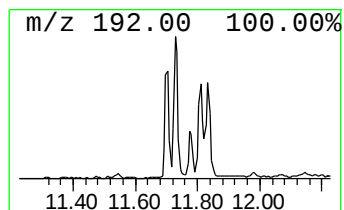
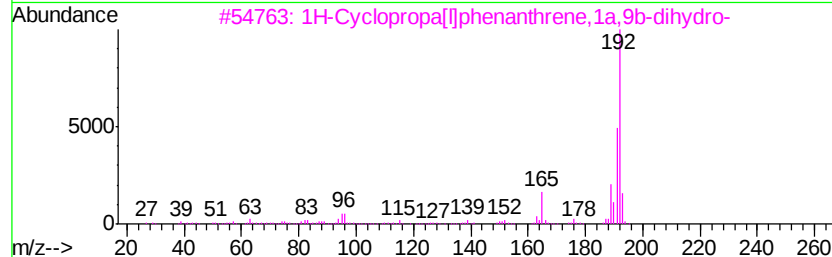
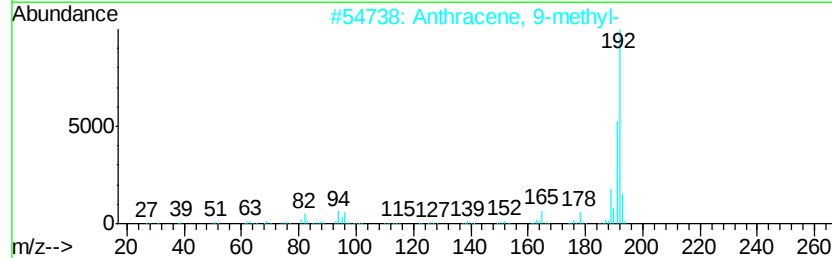
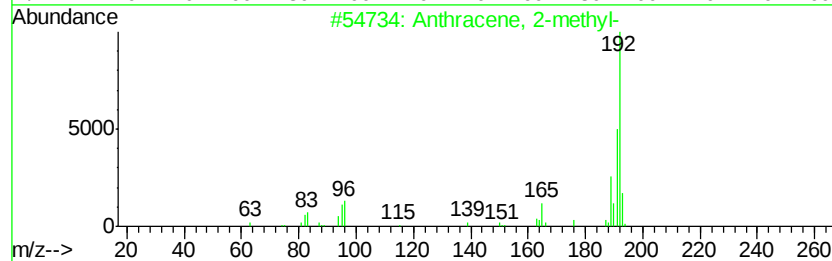
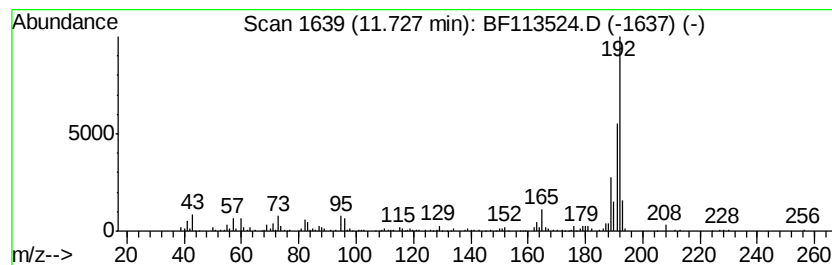
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.93 ng	160274	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
3			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	83
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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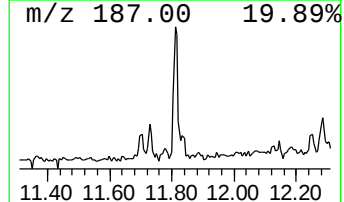
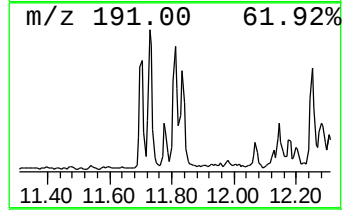
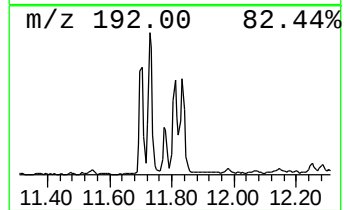
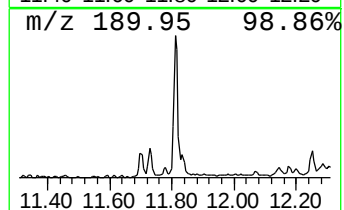
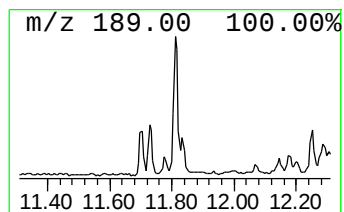
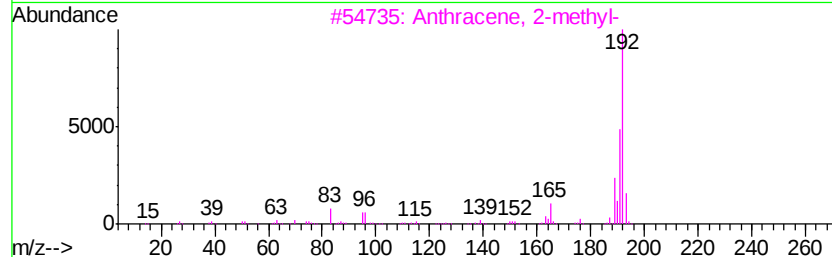
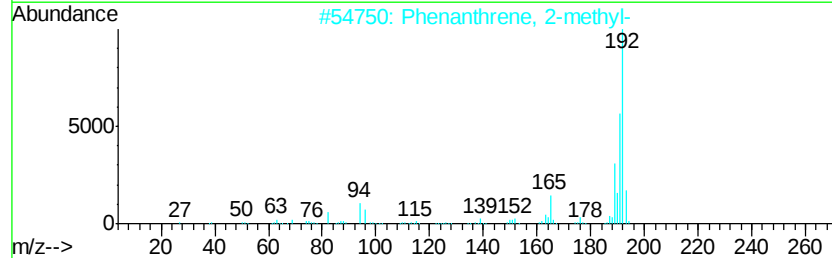
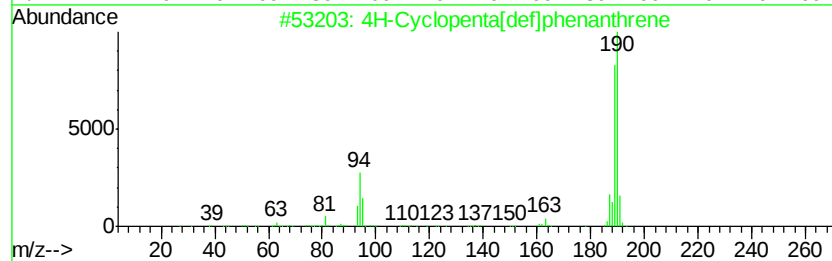
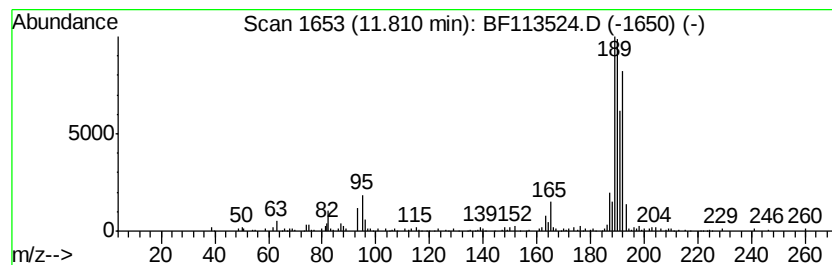
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.87 ng	158023	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
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ClientSampleId :
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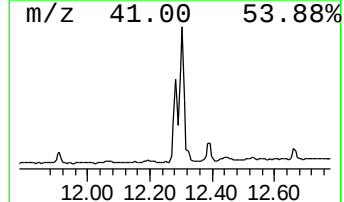
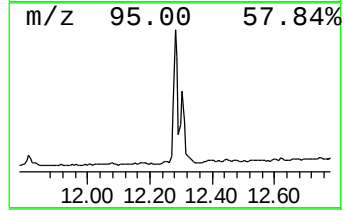
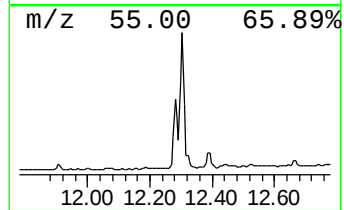
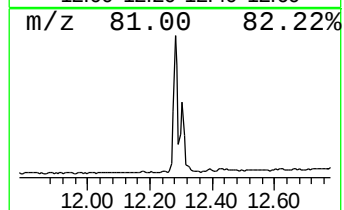
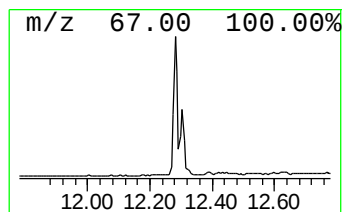
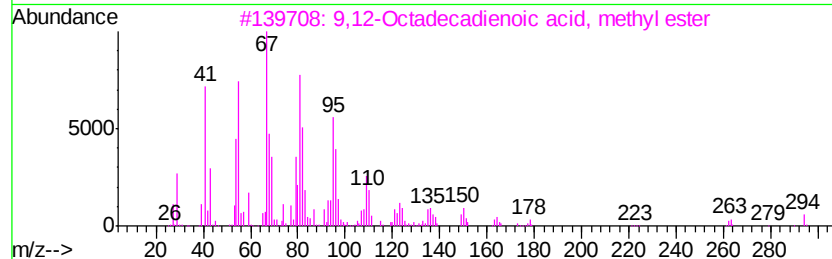
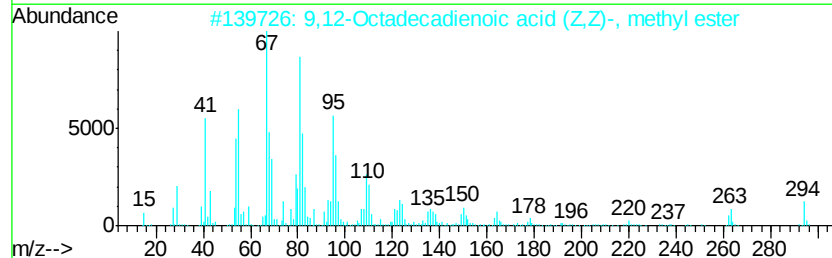
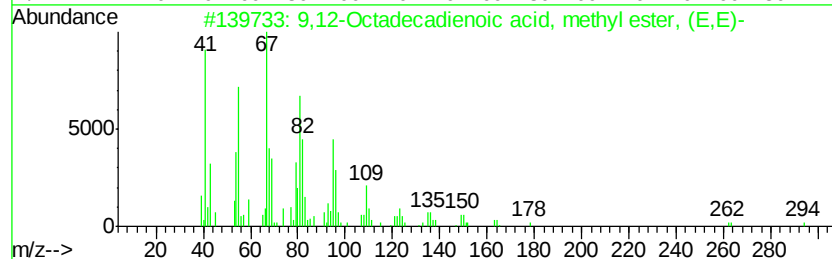
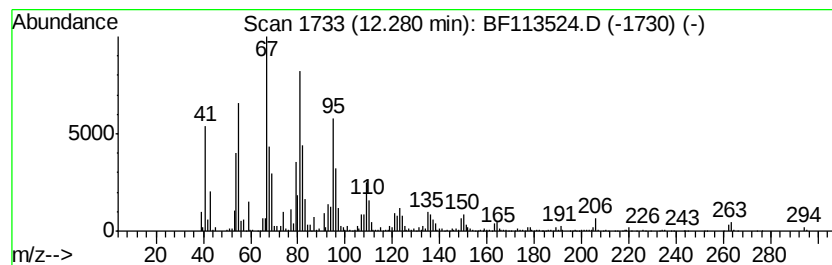
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	32.50 ng	1326090	Phenanthrene-d10	11.20

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		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
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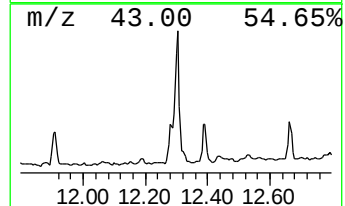
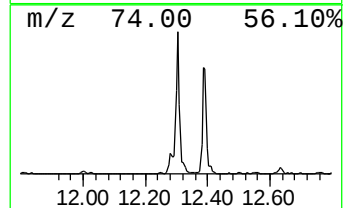
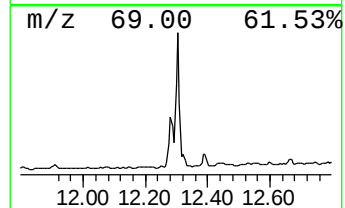
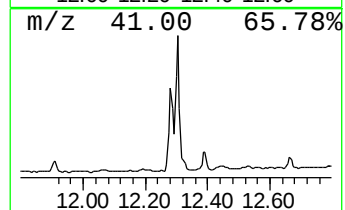
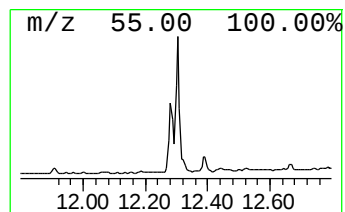
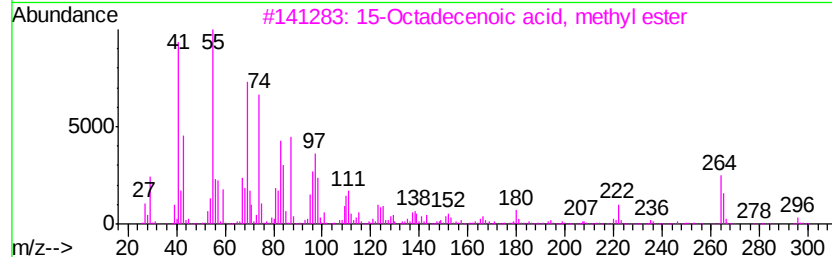
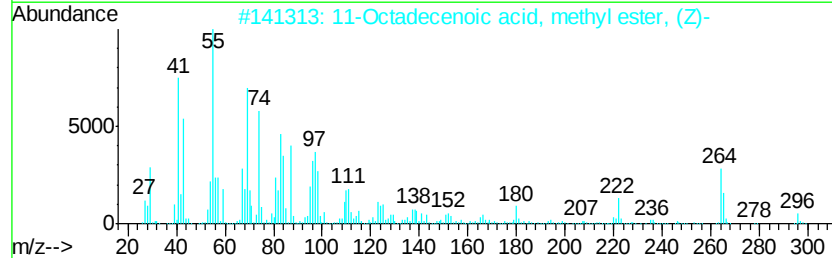
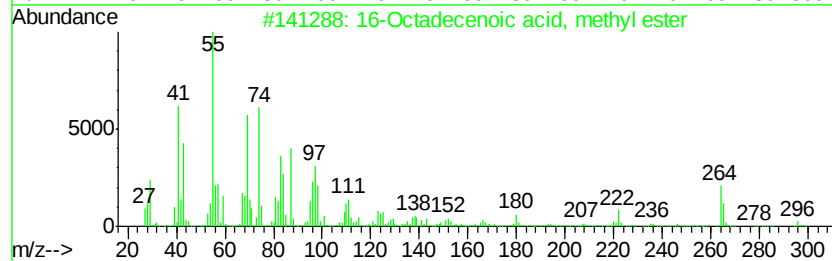
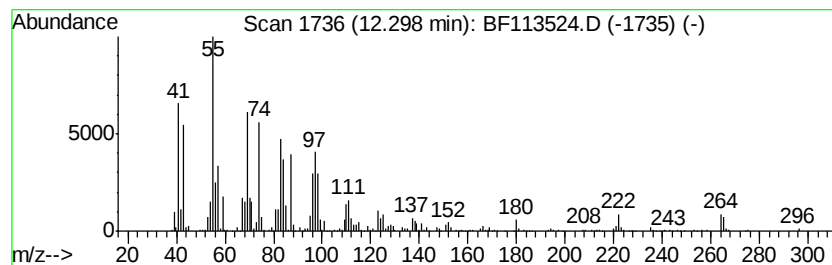
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 16-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.30	35.16 ng	1434840	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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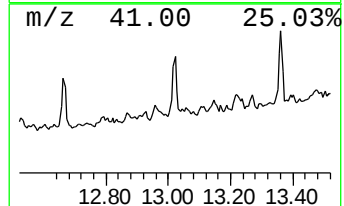
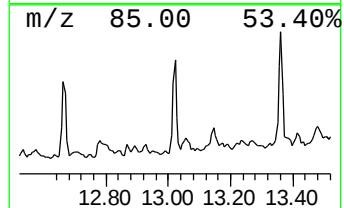
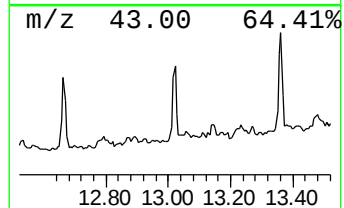
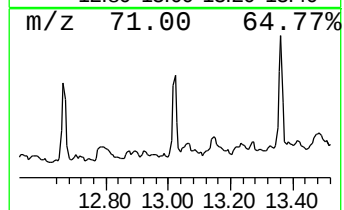
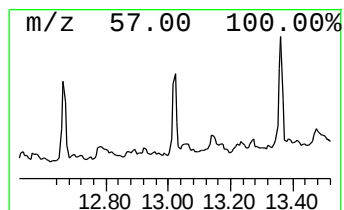
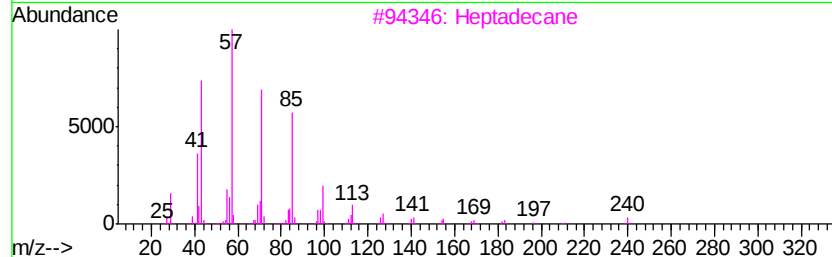
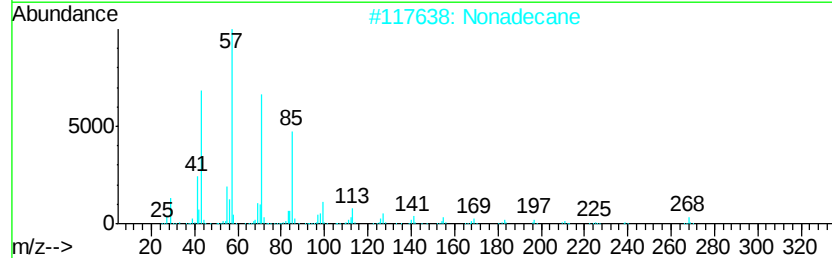
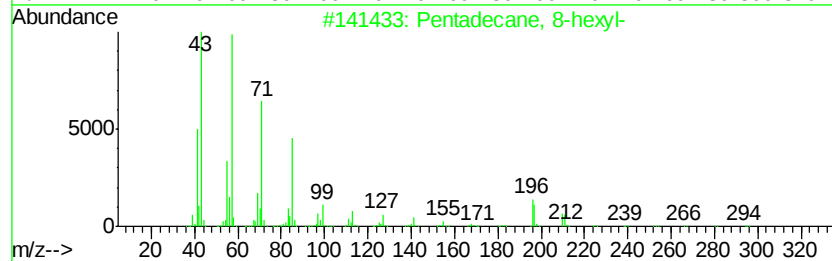
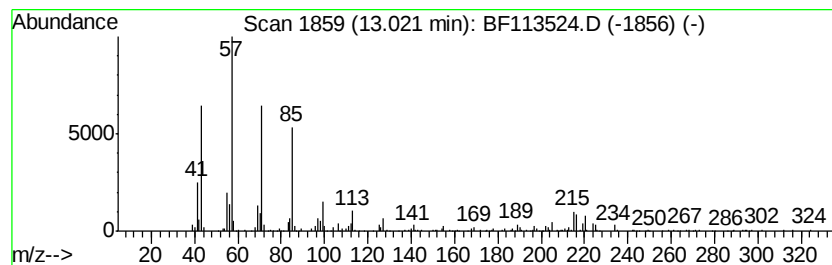
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 8-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.76 ng	271780	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81
2		Nonadecane	268	C19H40	000629-92-5	81
3		Heptadecane	240	C17H36	000629-78-7	74
4		Hexadecane	226	C16H34	000544-76-3	72
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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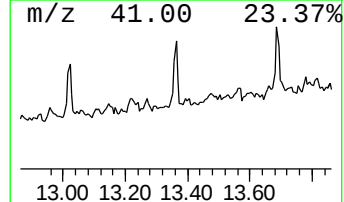
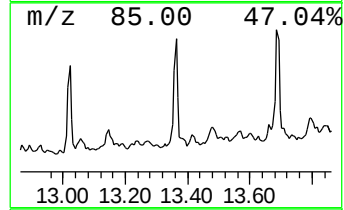
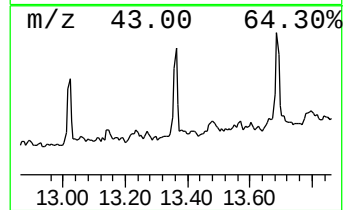
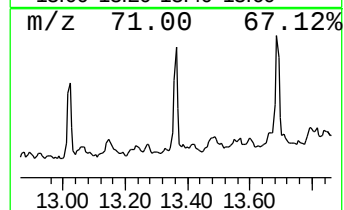
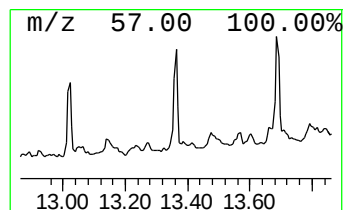
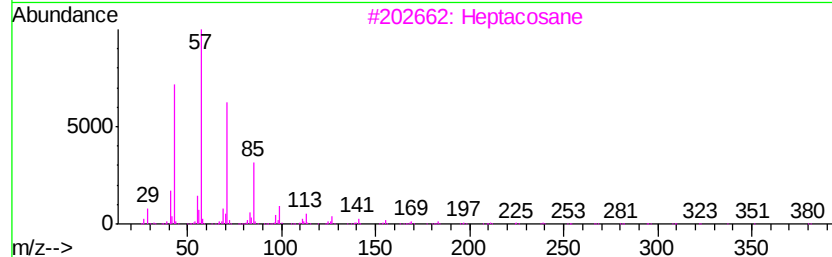
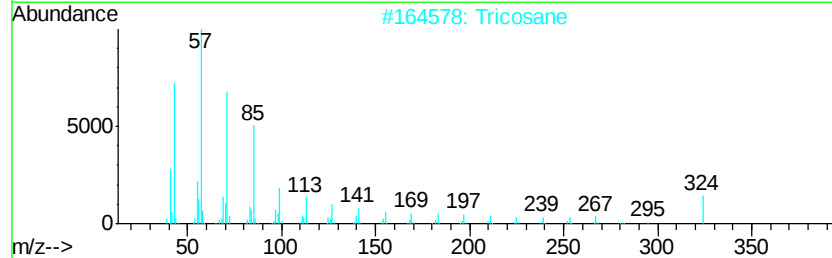
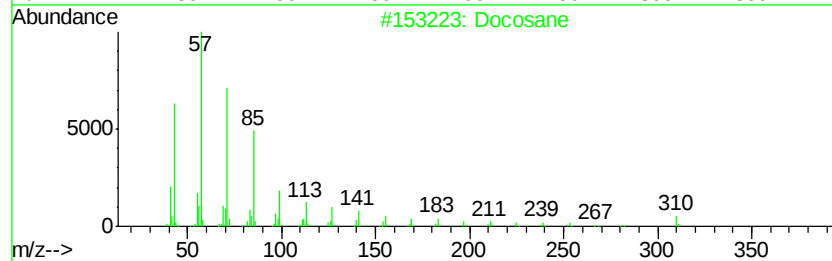
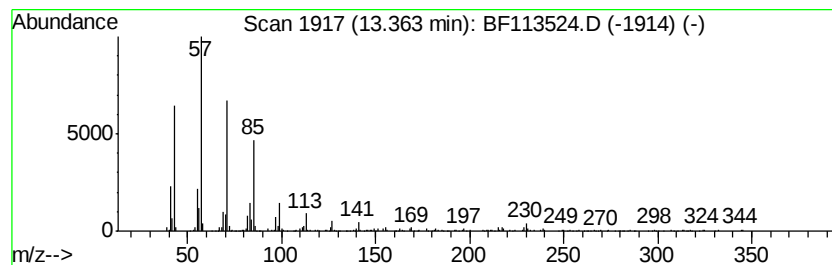
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Docosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	3.86 ng	220100	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	96
2		Tricosane	324	C23H48	000638-67-5	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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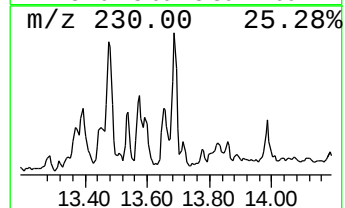
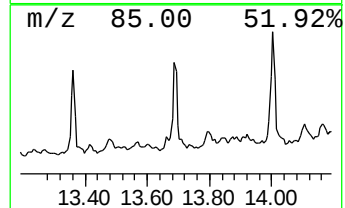
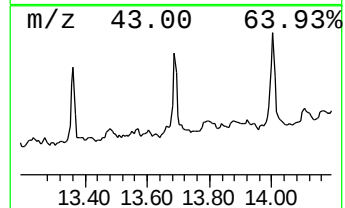
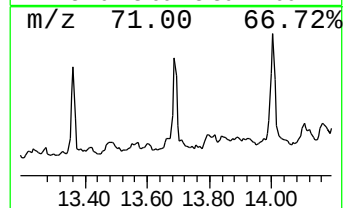
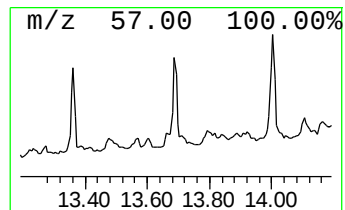
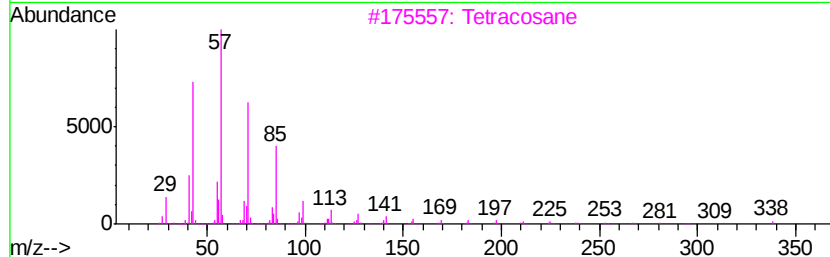
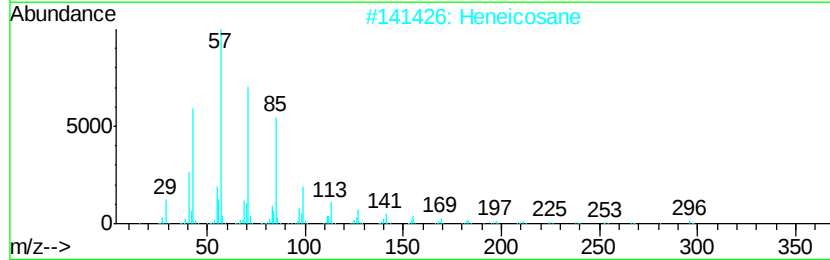
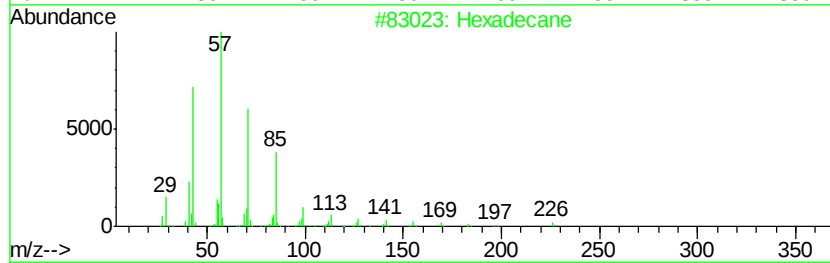
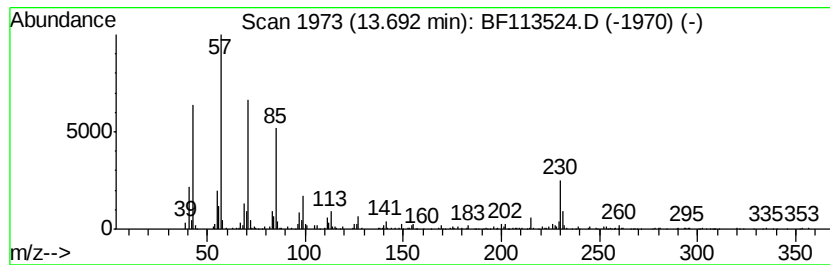
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	3.63 ng	207345	Chrysene-d12	13.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Heneicosane	296	C21H44	000629-94-7	68
3	Tetracosane	338	C24H50	000646-31-1	68
4	Heptacosane	380	C27H56	000593-49-7	68
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

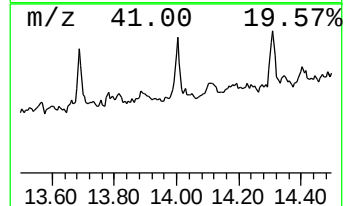
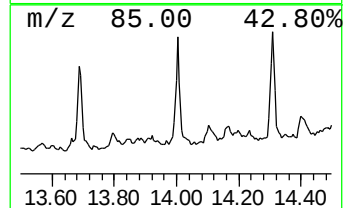
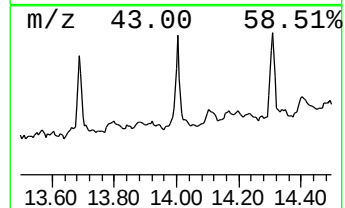
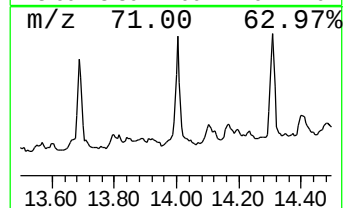
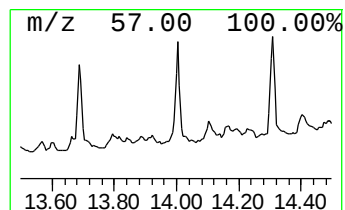
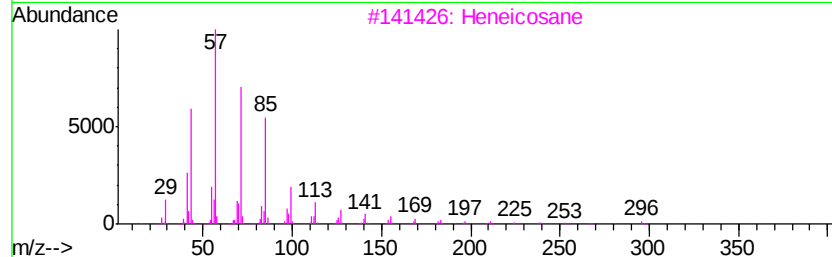
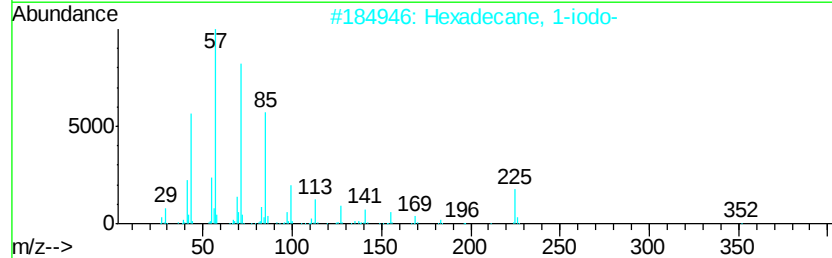
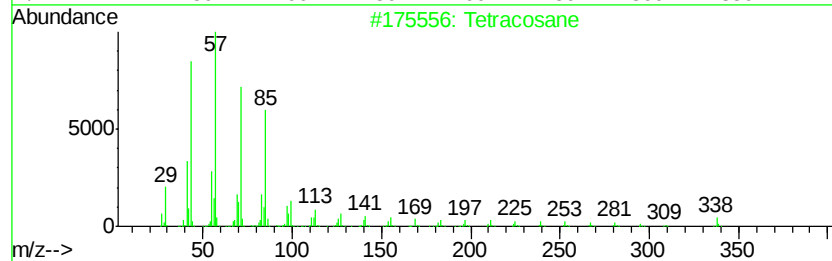
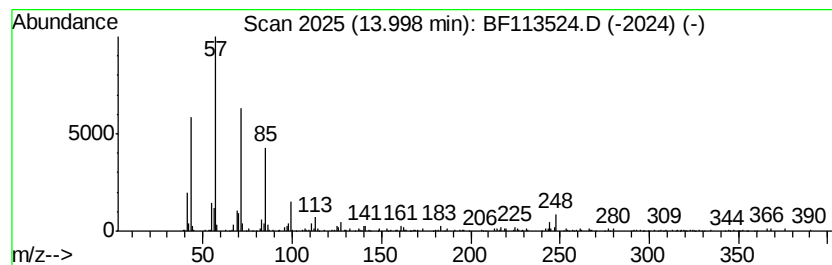
Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	4.47 ng	255239	Chrysene-d12	13.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 93
2		Hexadecane, 1-iodo-	352 C16H33I	000544-77-4 90
3		Heneicosane	296 C21H44	000629-94-7 87
4		Octacosane	394 C28H58	000630-02-4 87
5		Hexacosane	366 C26H54	000630-01-3 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

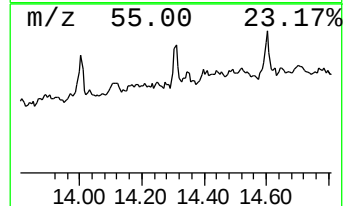
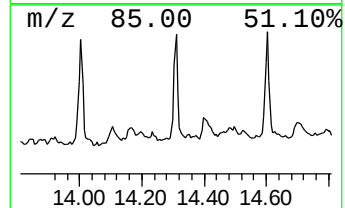
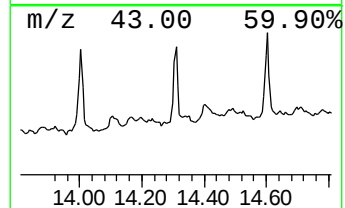
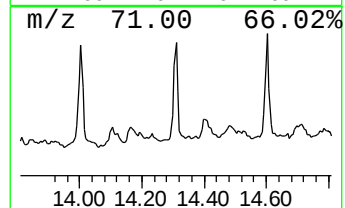
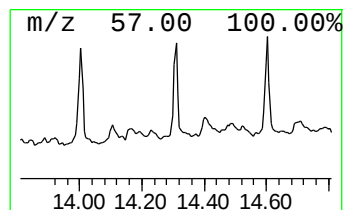
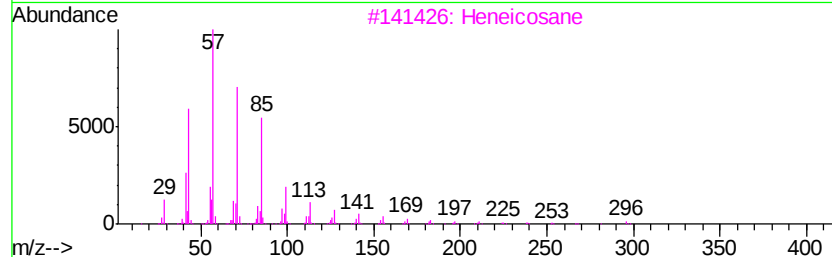
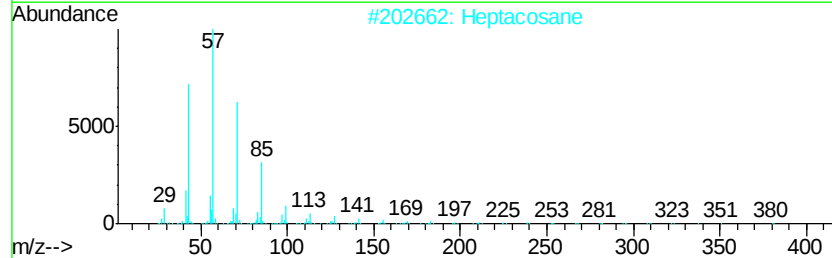
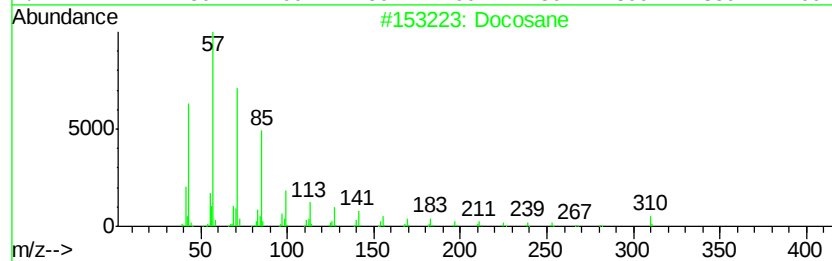
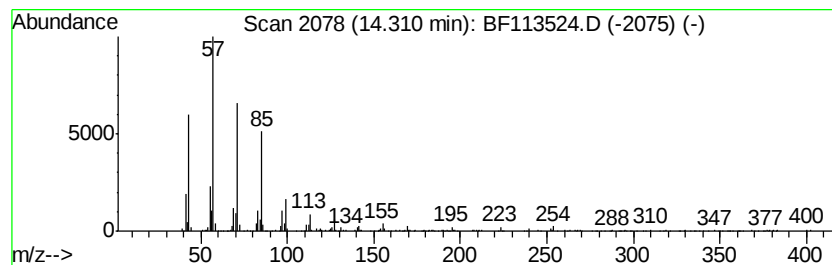
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	5.05 ng	288306	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	93
2		Heptacosane	380	C27H56	000593-49-7	92
3		Heneicosane	296	C21H44	000629-94-7	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

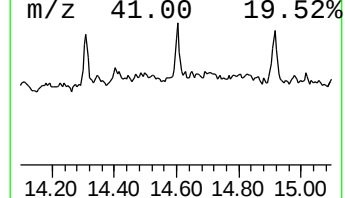
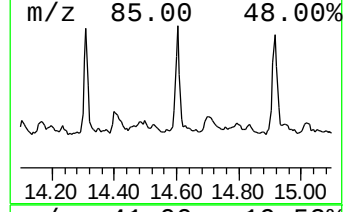
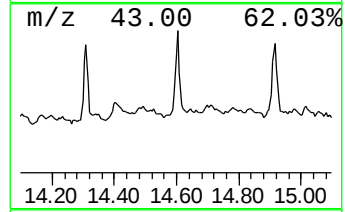
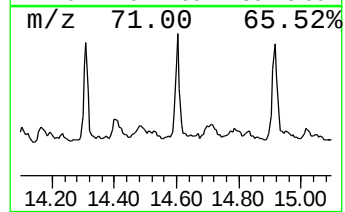
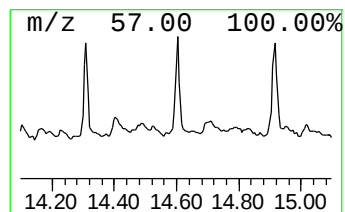
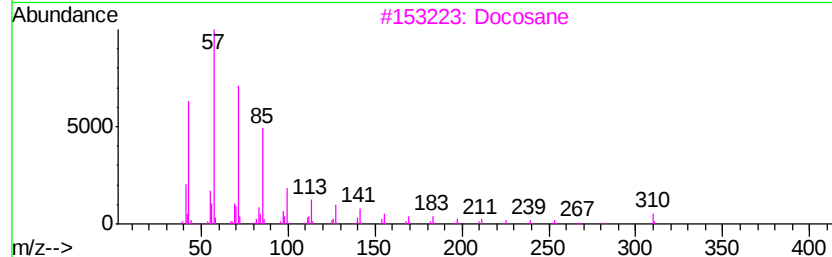
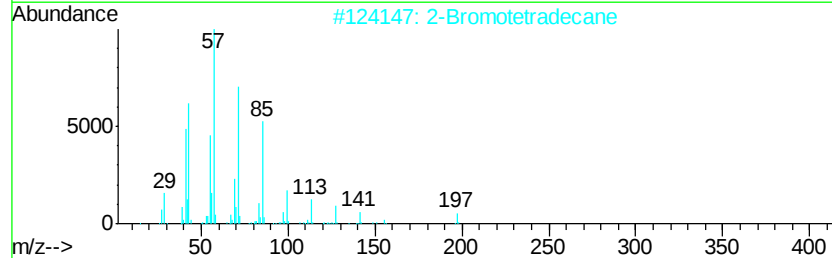
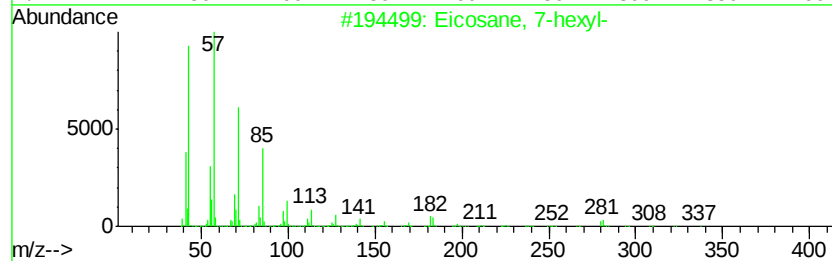
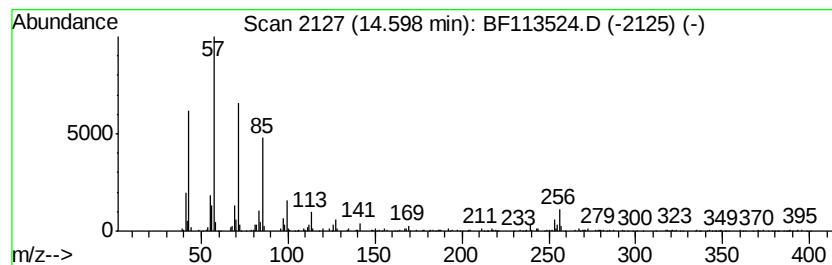
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	6.93 ng	304677	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	87
3		Docosane	310	C22H46	000629-97-0	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113524.D
 Acq On : 3 Apr 2019 00:10
 Operator : JU/SJ
 Sample : K2184-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.46	6.46	24.3	ng	866770	1	6.69	713117	20.0
Tetradecane	9.13	4.7	ng	218373	3	9.72	933514	20.0
Pentadecane	9.66	3.4	ng	157127	3	9.72	933514	20.0
Heptadecane	10.16	3.4	ng	157435	3	9.72	933514	20.0
Tridecane	10.63	6.8	ng	275465	4	11.20	816124	20.0
Dodecane, 2-methy...	11.07	3.9	ng	158240	4	11.20	816124	20.0
unknown11.10	11.10	3.5	ng	143077	4	11.20	816124	20.0
Dodecane, 1-iodo-	11.50	3.4	ng	139995	4	11.20	816124	20.0
Hexadecanoic acid...	11.60	14.2	ng	577783	4	11.20	816124	20.0
Anthracene, 2-met...	11.73	3.9	ng	160274	4	11.20	816124	20.0
4H-Cyclopenta[def...	11.81	3.9	ng	158023	4	11.20	816124	20.0
9,12-Octadecadien...	12.28	32.5	ng	1326090	4	11.20	816124	20.0
16-Octadecenoic a...	12.30	35.2	ng	1434840	4	11.20	816124	20.0
Pentadecane, 8-he...	13.02	4.8	ng	271780	5	13.83	1141580	20.0
Docosane	13.36	3.9	ng	220100	5	13.83	1141580	20.0
Hexadecane	13.69	3.6	ng	207345	5	13.83	1141580	20.0
Hexadecane, 1-iodo-	14.00	4.5	ng	255239	5	13.83	1141580	20.0
Heneicosane	14.31	5.0	ng	288306	5	13.83	1141580	20.0
Eicosane, 7-hexyl-	14.60	6.9	ng	304677	6	15.24	879362	20.0