

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106302.D
 Acq On : 11 Jun 2018 18:42
 Operator : JU/SJ
 Sample : J2932-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A-S

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-BF061118.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	5.195	482	486	497	rVB	332722	395327	9.57%	0.710%
2	5.584	547	552	555	rBV	3585409	3593711	87.01%	6.451%
3	6.584	716	722	725	rBV	3580483	3775237	91.41%	6.777%
4	6.736	743	748	751	rBV	4036472	3679023	89.08%	6.604%
5	6.966	784	787	791	rVB	1488998	1305899	31.62%	2.344%
6	7.125	810	814	817	rBV	3333377	2824270	68.38%	5.070%
7	7.531	878	883	885	rBV	2631825	2404718	58.22%	4.317%
8	8.219	998	1000	1002	rBV	56919	52370	1.27%	0.094%
9	8.248	1002	1005	1008	rVV	1870695	1704662	41.27%	3.060%
10	8.301	1011	1014	1017	rVB2	55352	50172	1.21%	0.090%
11	8.536	1050	1054	1059	rVB4	40883	46415	1.12%	0.083%
12	8.660	1072	1075	1078	rBV	75076	60154	1.46%	0.108%
13	8.830	1102	1104	1108	rVB3	69037	53677	1.30%	0.096%
14	8.960	1124	1126	1130	rVB	61837	48671	1.18%	0.087%
15	9.066	1141	1144	1147	rVB2	72837	69520	1.68%	0.125%
16	9.260	1175	1177	1180	rVB	84256	56304	1.36%	0.101%
17	9.325	1183	1188	1191	rBV	4743963	4130158	100.00%	7.414%
18	9.395	1197	1200	1203	rBV	97576	95422	2.31%	0.171%
19	9.583	1230	1232	1237	rBV2	50972	66036	1.60%	0.119%
20	9.660	1239	1245	1248	rBV3	90292	116674	2.82%	0.209%
21	9.713	1251	1254	1258	rVV	754812	626165	15.16%	1.124%
22	9.777	1262	1265	1267	rBV2	58400	58953	1.43%	0.106%
23	9.872	1277	1281	1283	rBV2	53806	52956	1.28%	0.095%
24	9.925	1283	1290	1294	rVV	135307	139057	3.37%	0.250%
25	10.007	1294	1304	1308	rBV	2133386	1928037	46.68%	3.461%
26	10.042	1308	1310	1313	rVB	167010	124913	3.02%	0.224%
27	10.166	1326	1331	1333	rBV3	39519	62912	1.52%	0.113%
28	10.213	1336	1339	1342	rVB2	116640	117439	2.84%	0.211%
29	10.248	1342	1345	1349	rBV2	76428	76798	1.86%	0.138%
30	10.319	1354	1357	1360	rBV2	51223	57549	1.39%	0.103%
31	10.424	1369	1375	1378	rBV2	213833	239288	5.79%	0.430%
32	10.554	1394	1397	1400	rBV	179515	150804	3.65%	0.271%
33	10.648	1407	1413	1415	rBV2	122261	143885	3.48%	0.258%
34	10.707	1419	1423	1426	rBV3	47604	65154	1.58%	0.117%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.795	1434	1438	1442	rVB	2787482	2624729	63.55%	4.711%
36	10.901	1453	1456	1462	rBV	214090	312119	7.56%	0.560%
37	11.101	1485	1490	1492	rBV5	62170	93399	2.26%	0.168%
38	11.230	1508	1512	1513	rBV4	41916	52303	1.27%	0.094%
39	11.254	1513	1516	1521	rVV4	45308	70684	1.71%	0.127%
40	11.301	1521	1524	1527	rVV	78750	73500	1.78%	0.132%
41	11.348	1528	1532	1535	rVV3	171651	178003	4.31%	0.320%
42	11.377	1535	1537	1538	rVV	105089	92313	2.24%	0.166%
43	11.395	1538	1540	1544	rVB	122809	107773	2.61%	0.193%
44	11.501	1554	1558	1560	rBV	2022579	1965237	47.58%	3.528%
45	11.524	1560	1562	1565	rVV	1789344	1338858	32.42%	2.403%
46	11.571	1568	1570	1573	rVB	335061	251451	6.09%	0.451%
47	11.724	1589	1596	1602	rBV	216643	235931	5.71%	0.423%
48	11.777	1602	1605	1607	rBV	94877	76490	1.85%	0.137%
49	12.013	1639	1645	1646	rBV2	623946	657031	15.91%	1.179%
50	12.071	1653	1655	1658	rVB	81347	66992	1.62%	0.120%
51	12.113	1658	1662	1664	rVV2	271220	294057	7.12%	0.528%
52	12.130	1664	1665	1670	rVB	124813	92501	2.24%	0.166%
53	12.183	1671	1674	1679	rBV4	75684	74169	1.80%	0.133%
54	12.295	1690	1693	1695	rBV	134870	118012	2.86%	0.212%
55	12.313	1695	1696	1700	rVB	107085	86598	2.10%	0.155%
56	12.548	1730	1736	1738	rBV	110659	124835	3.02%	0.224%
57	12.577	1738	1741	1745	rVV3	70053	116113	2.81%	0.208%
58	12.630	1748	1750	1756	rVB3	75824	89360	2.16%	0.160%
59	12.713	1760	1764	1768	rBV	2061697	1738049	42.08%	3.120%
60	12.795	1776	1778	1782	rBV2	162179	136259	3.30%	0.245%
61	12.865	1787	1790	1792	rVB	78826	59682	1.45%	0.107%
62	12.924	1797	1800	1801	rBV	320301	319028	7.72%	0.573%
63	12.942	1801	1803	1809	rVV	1631818	1434618	34.74%	2.575%
64	12.989	1809	1811	1816	rVB3	88555	91772	2.22%	0.165%
65	13.083	1823	1827	1830	rVB	4084661	3656462	88.53%	6.563%
66	13.154	1835	1839	1843	rBV3	94142	162074	3.92%	0.291%
67	13.242	1851	1854	1856	rBV4	68883	88444	2.14%	0.159%
68	13.271	1856	1859	1862	rVB	197021	201573	4.88%	0.362%
69	13.336	1867	1870	1872	rBV	154430	130994	3.17%	0.235%
70	13.371	1872	1876	1879	rVV2	125262	135589	3.28%	0.243%
71	13.465	1889	1892	1895	rVB	69489	58804	1.42%	0.106%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.501	1895	1898	1900	rBV2	76022	82191	1.99%	0.148%
73	13.771	1941	1944	1948	rVB	102494	112522	2.72%	0.202%
74	13.889	1959	1964	1967	rBV2	132575	176994	4.29%	0.318%
75	13.918	1967	1969	1971	rVV	128839	111909	2.71%	0.201%
76	13.942	1971	1973	1974	rVV	115993	97748	2.37%	0.175%
77	13.965	1974	1977	1986	rVB4	593273	721913	17.48%	1.296%
78	14.142	1999	2007	2010	rBV2	1776244	2412405	58.41%	4.330%
79	14.171	2010	2012	2017	rVB	714212	623234	15.09%	1.119%
80	14.254	2023	2026	2028	rVB	97241	84173	2.04%	0.151%
81	14.365	2042	2045	2049	rBV2	79251	102376	2.48%	0.184%
82	14.536	2071	2074	2077	rVB	107427	102531	2.48%	0.184%
83	14.571	2077	2080	2083	rBV2	79647	77437	1.87%	0.139%
84	14.612	2083	2087	2093	rBV6	127109	210963	5.11%	0.379%
85	14.665	2093	2096	2098	rBV	66563	68785	1.67%	0.123%
86	15.012	2152	2155	2159	rBV4	42296	68079	1.65%	0.122%
87	15.218	2185	2190	2194	rBV	581065	972016	23.53%	1.745%
88	15.330	2206	2209	2213	rVB	104727	117511	2.85%	0.211%
89	15.542	2241	2245	2250	rVB	330339	431894	10.46%	0.775%
90	15.606	2251	2256	2262	rVV	491020	626758	15.18%	1.125%
91	15.677	2262	2268	2271	rVV2	1024753	1461837	35.39%	2.624%
92	15.706	2271	2273	2279	rVB	193162	235014	5.69%	0.422%
93	16.206	2356	2358	2365	rVB8	52869	76847	1.86%	0.138%
94	16.701	2438	2442	2445	rBV4	26991	47632	1.15%	0.086%
95	17.218	2524	2530	2539	rVB2	200705	424862	10.29%	0.763%
96	17.418	2559	2564	2570	rBV6	47512	99777	2.42%	0.179%
97	17.689	2604	2610	2625	rVB	152782	384324	9.31%	0.690%

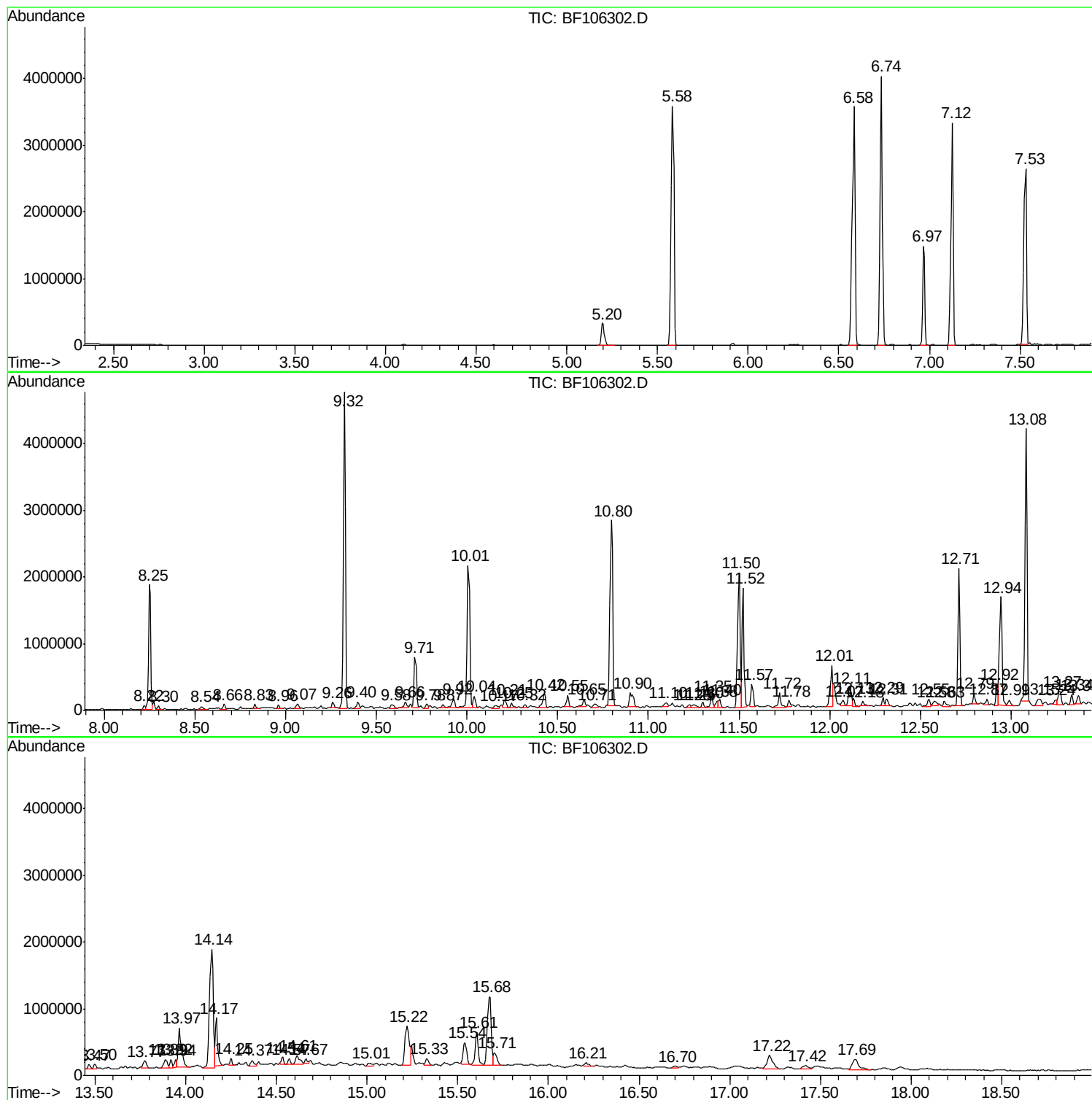
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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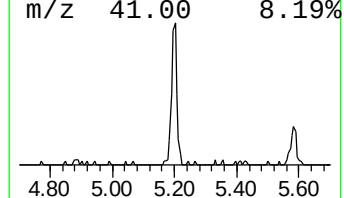
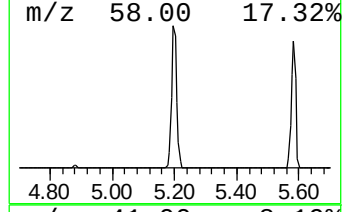
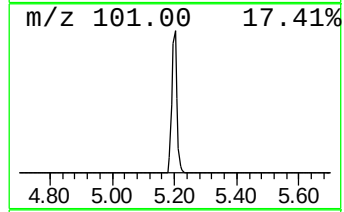
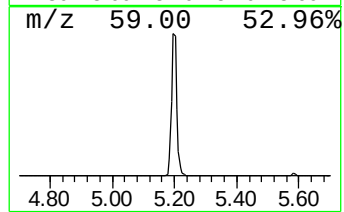
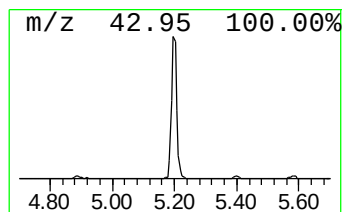
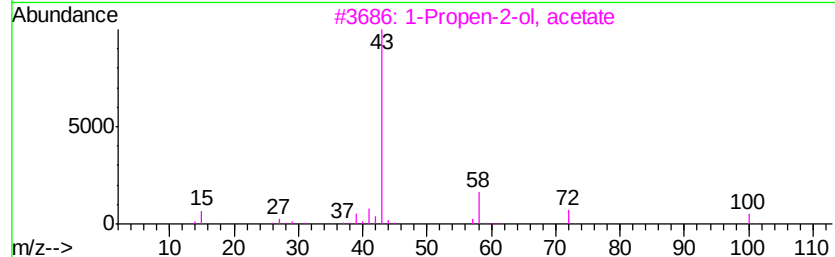
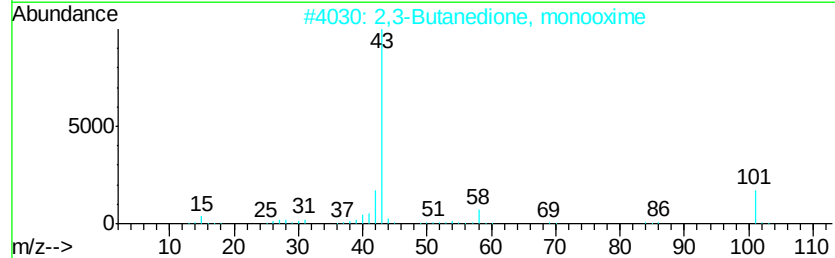
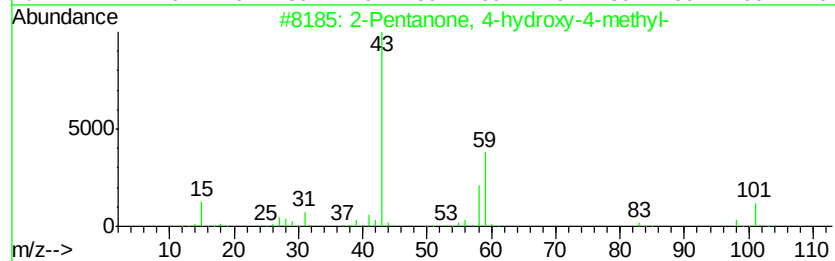
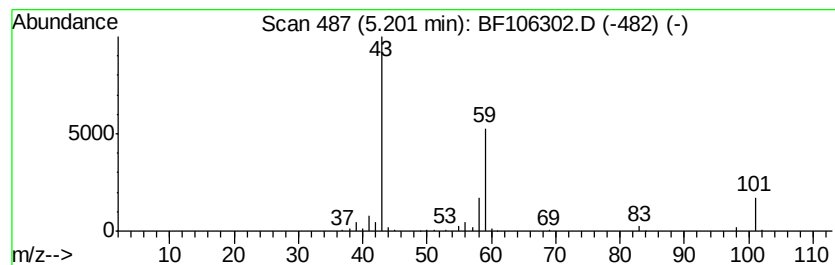
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.05 ng	395327	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Acetone	58	C3H6O	000067-64-1	9



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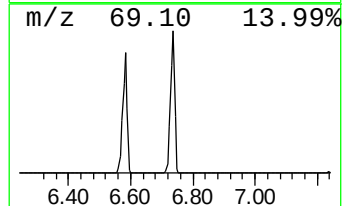
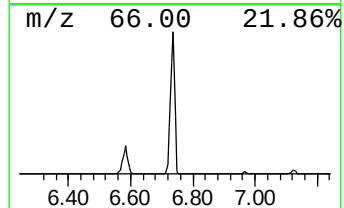
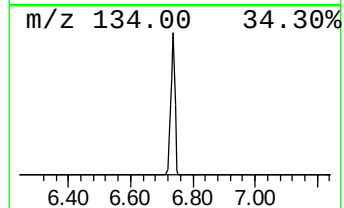
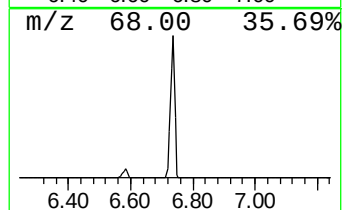
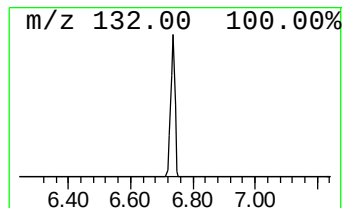
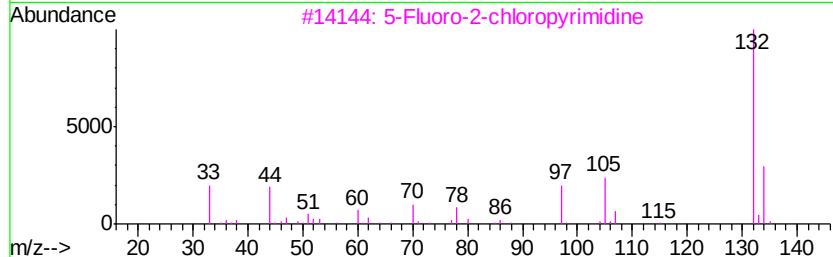
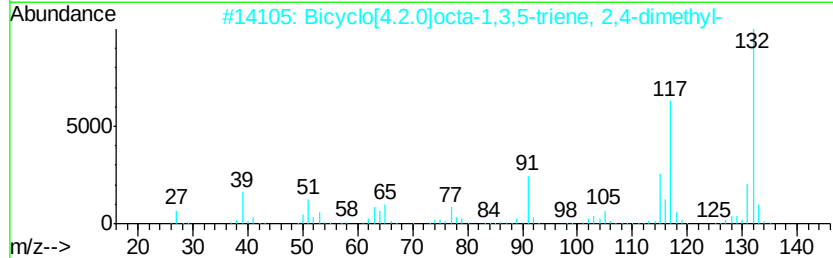
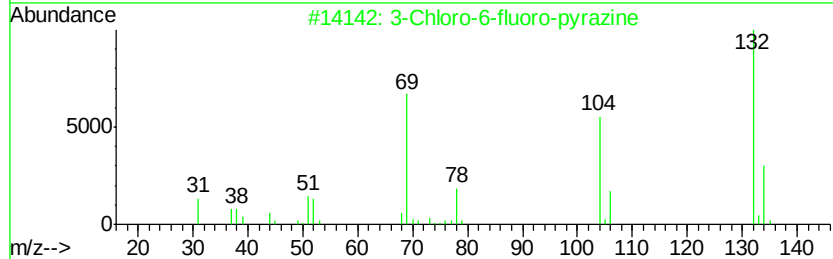
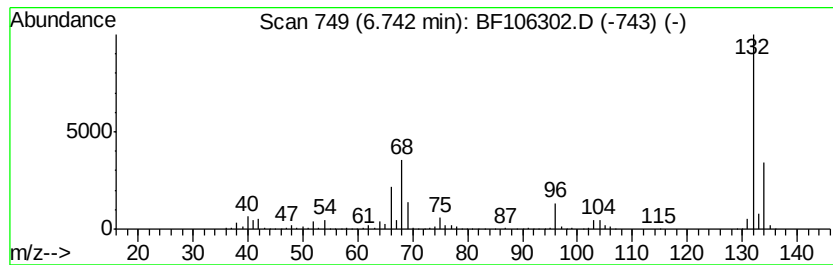
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	56.34 ng	3679020	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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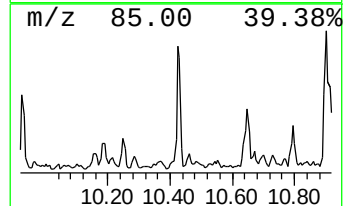
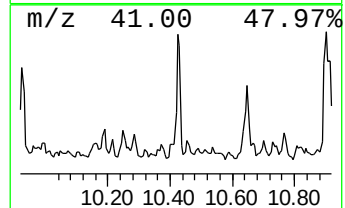
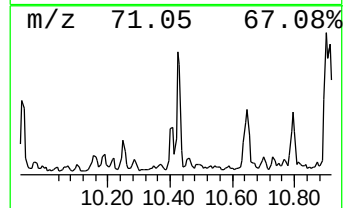
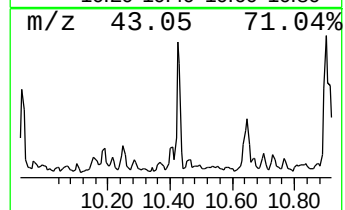
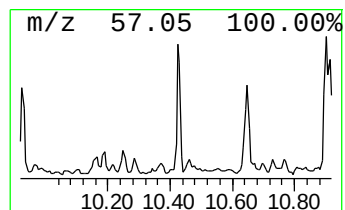
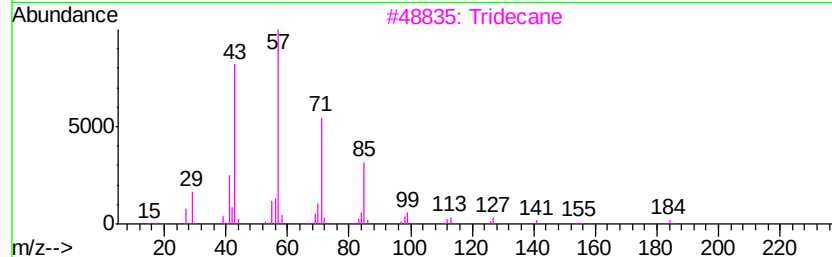
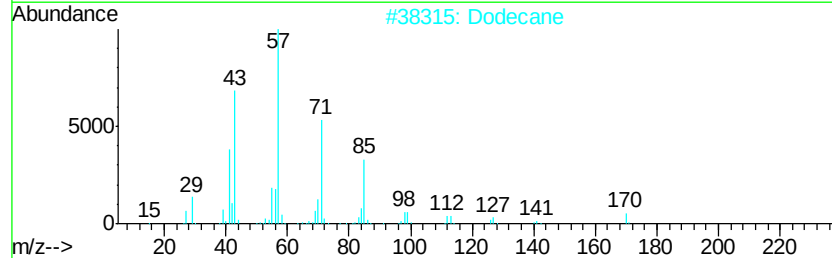
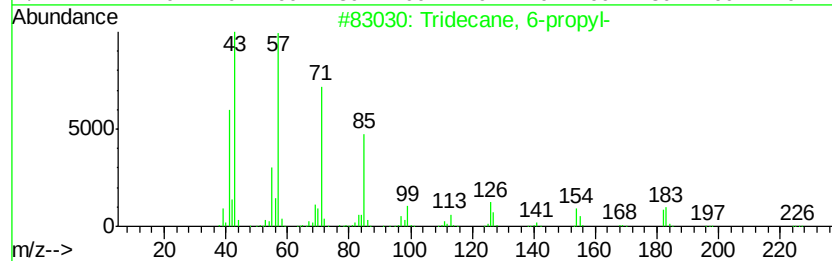
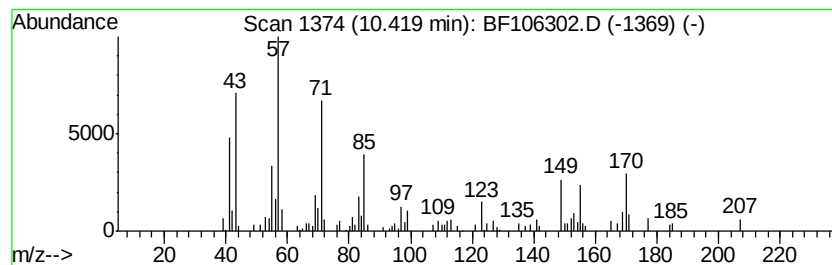
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane, 6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.42	2.48 ng	239288	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
2	Dodecane	170	C12H26	000112-40-3	83
3	Tridecane	184	C13H28	000629-50-5	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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Acq On : 11 Jun 2018 18:42
Operator : JU/SJ
Sample : J2932-03
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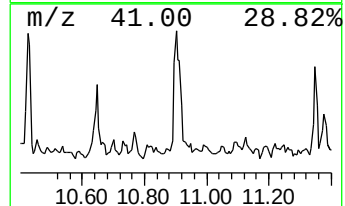
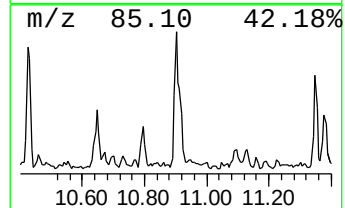
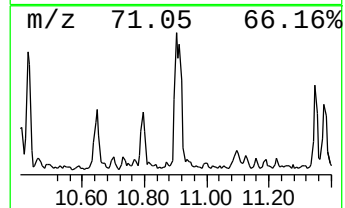
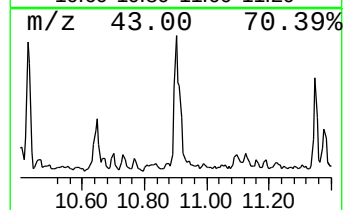
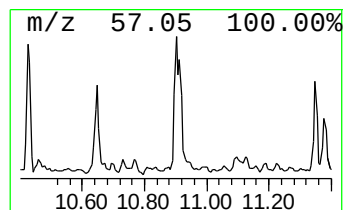
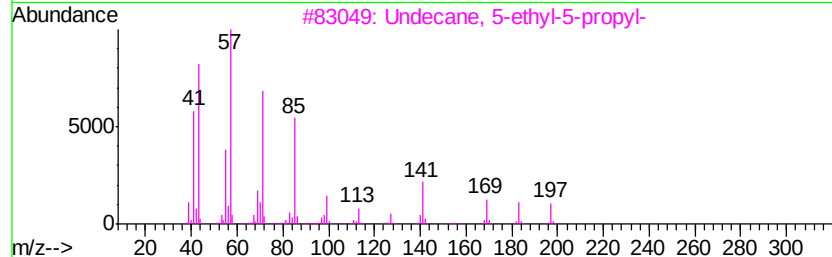
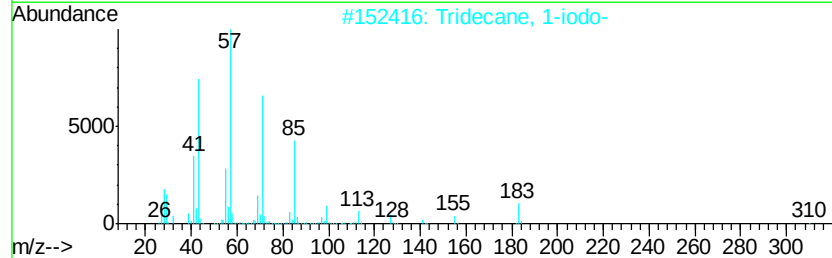
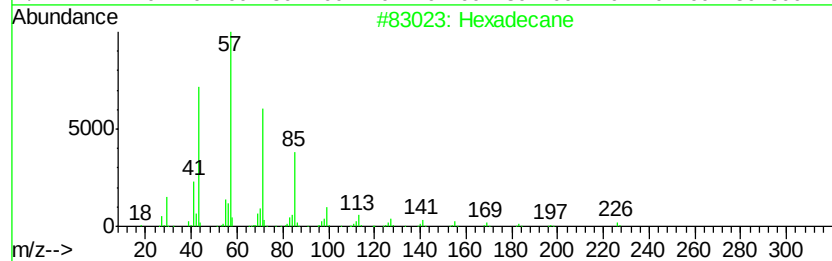
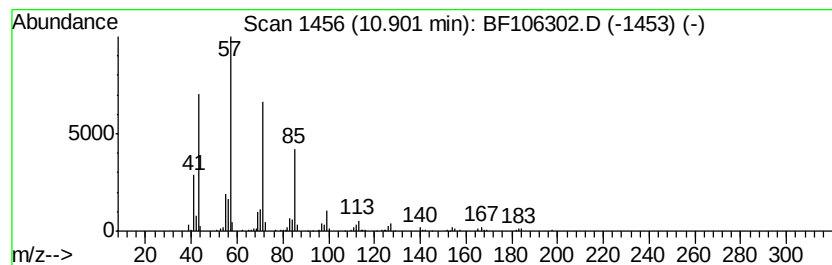
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	3.18 ng	312119	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106302.D
Acq On : 11 Jun 2018 18:42
Operator : JU/SJ
Sample : J2932-03
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Instrument :
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ClientSampleId :
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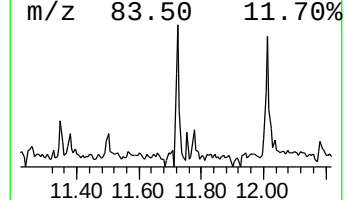
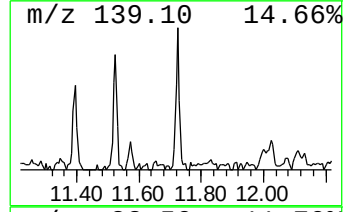
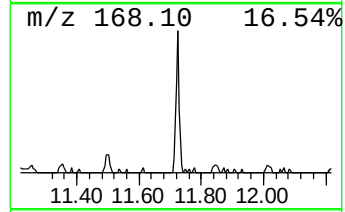
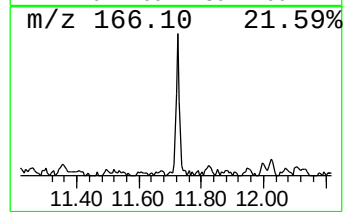
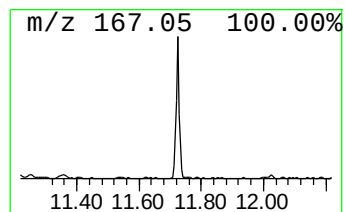
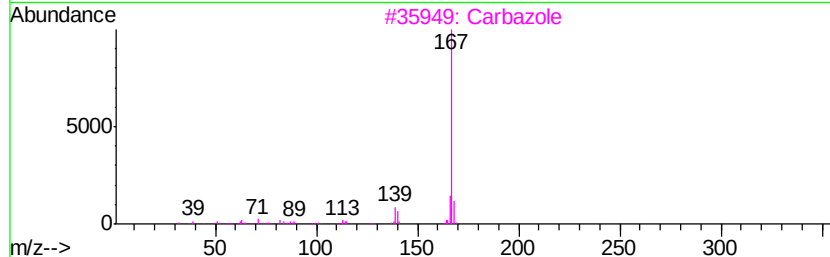
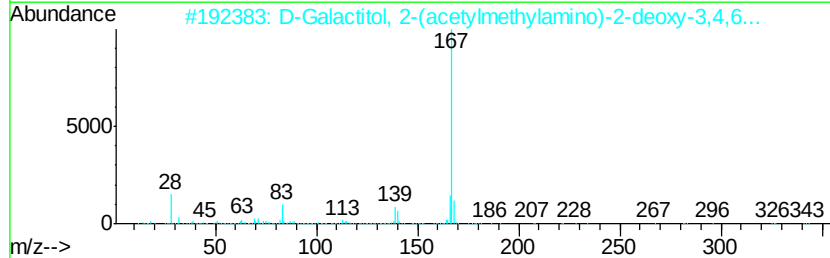
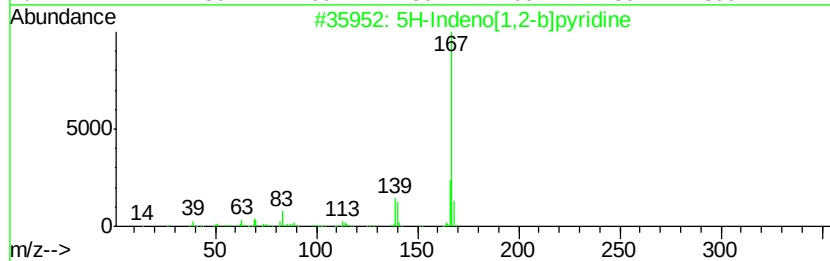
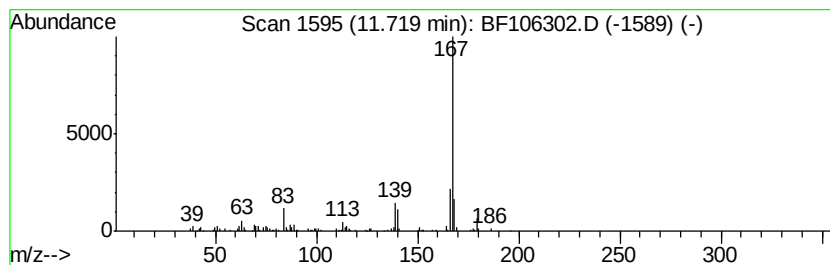
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.40 ng	235931	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2		D-Galactitol, 2-(acetylmethylami...	363	C16H29N08	074410-42-7	91
3		Carbazole	167	C12H9N	000086-74-8	90
4		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87
5		9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106302.D
Acq On : 11 Jun 2018 18:42
Operator : JU/SJ
Sample : J2932-03
Misc :
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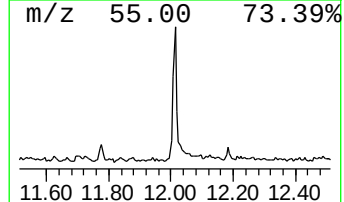
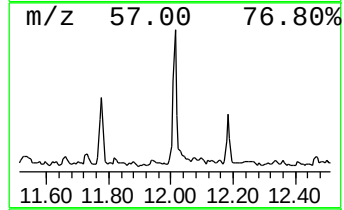
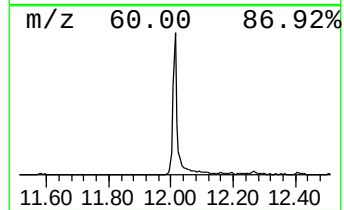
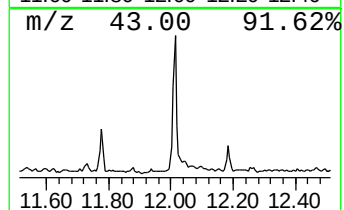
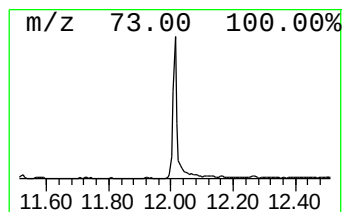
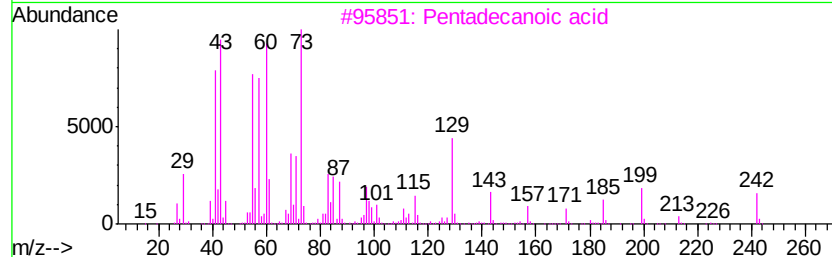
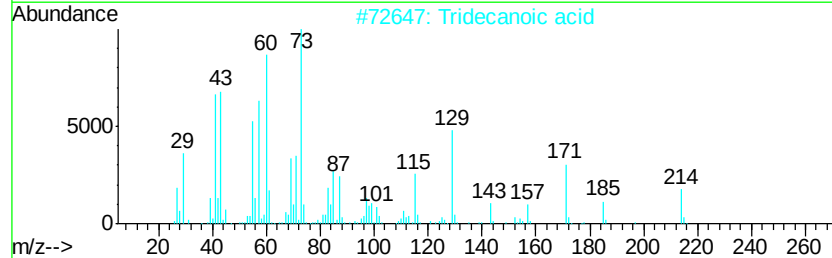
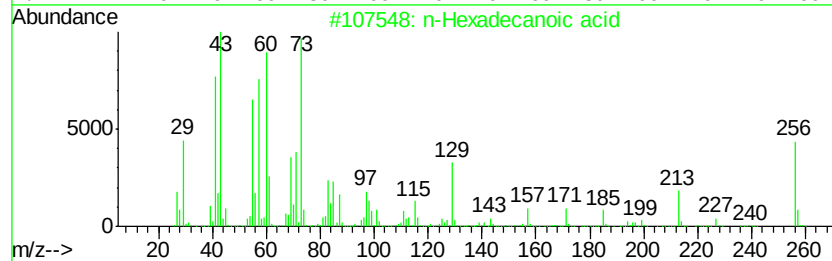
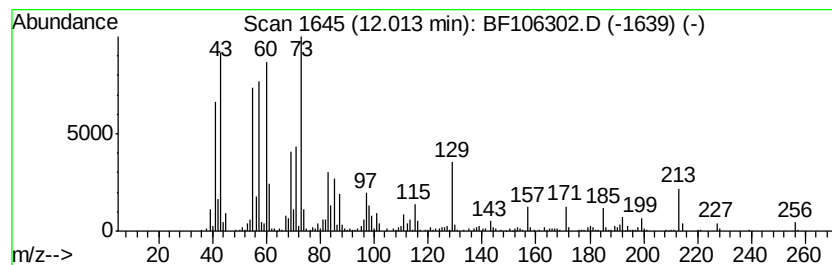
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.69 ng	657031	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106302.D
Acq On : 11 Jun 2018 18:42
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Sample : J2932-03
Misc :
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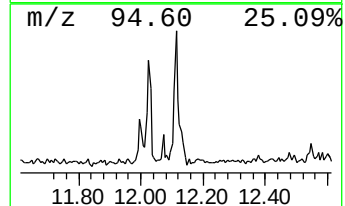
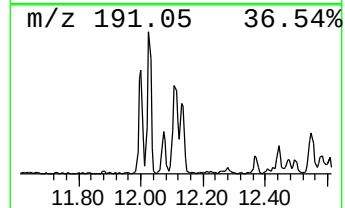
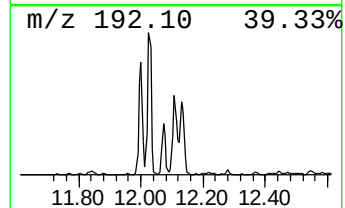
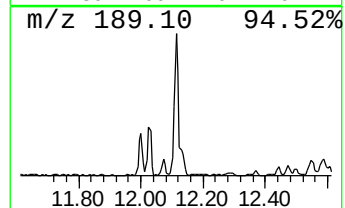
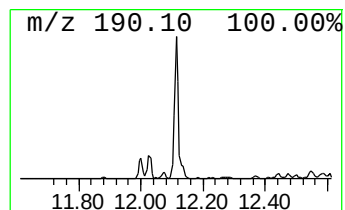
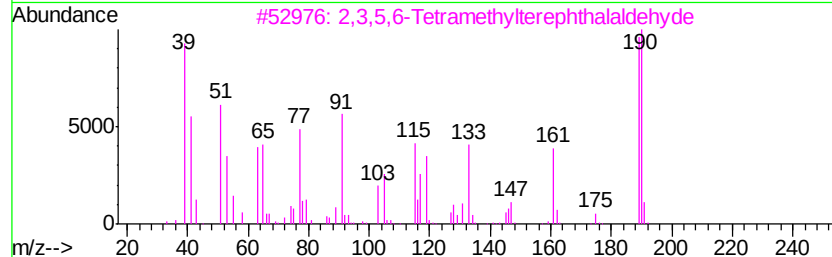
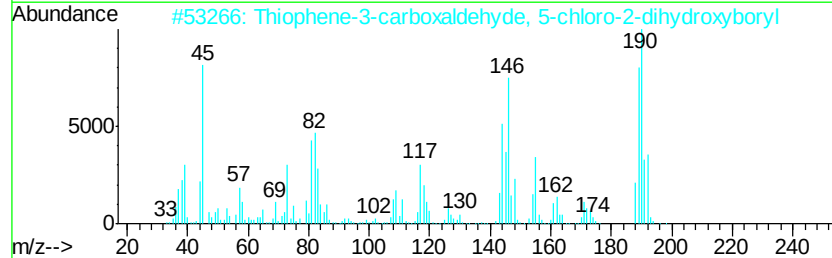
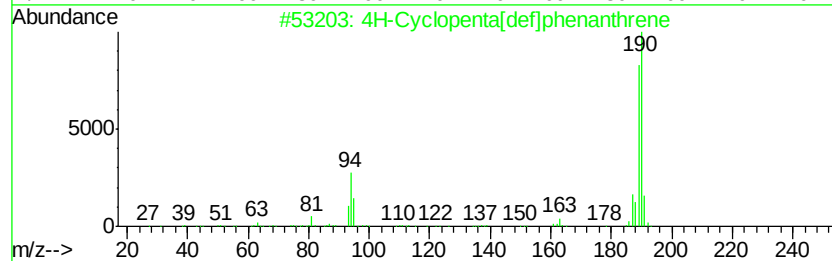
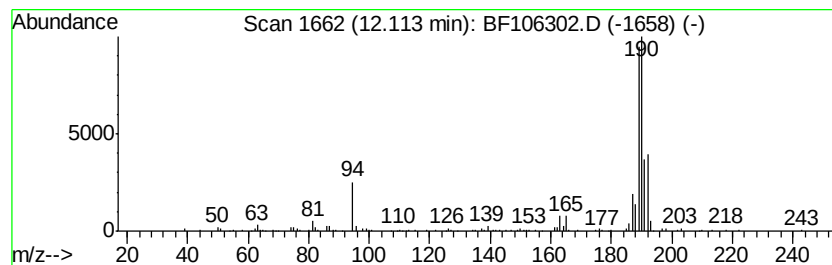
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.99 ng	294057	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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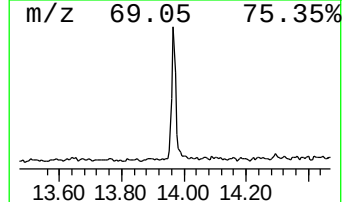
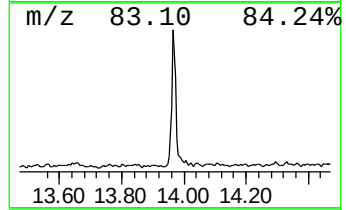
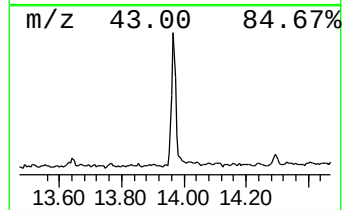
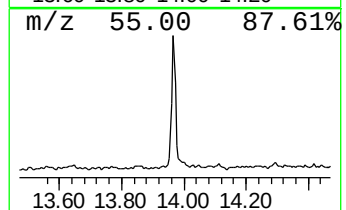
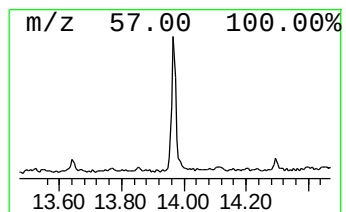
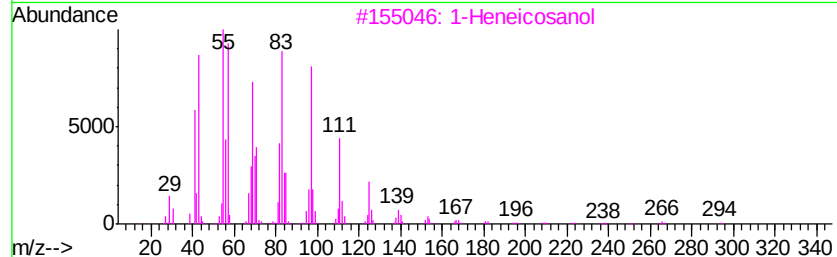
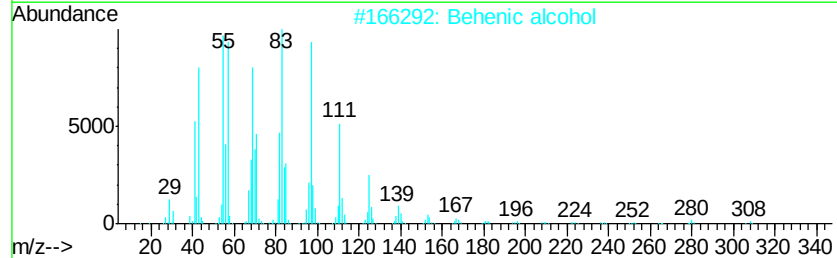
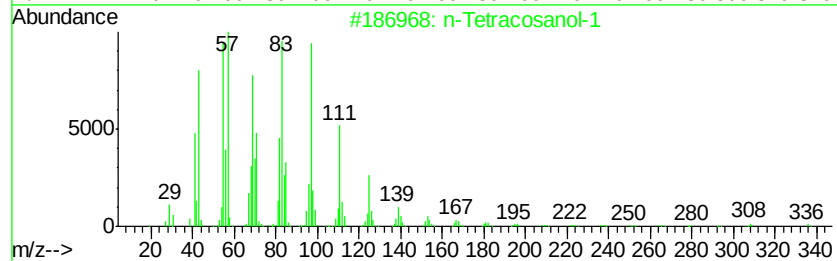
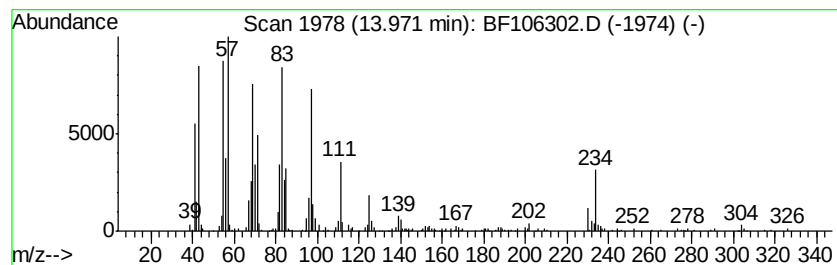
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.99 ng	721913	Chrysene-d12	14.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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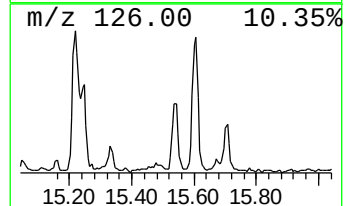
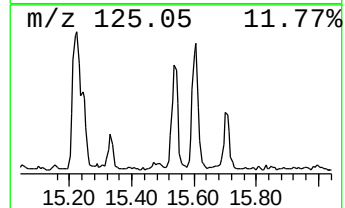
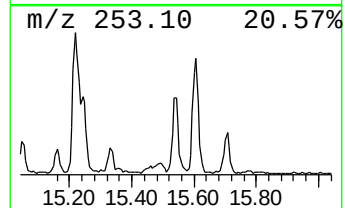
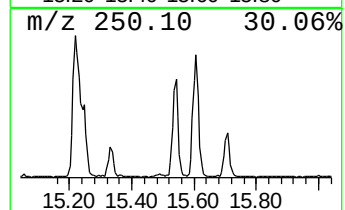
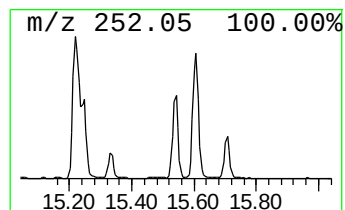
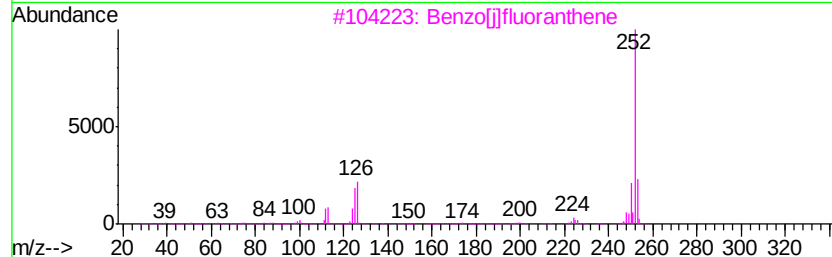
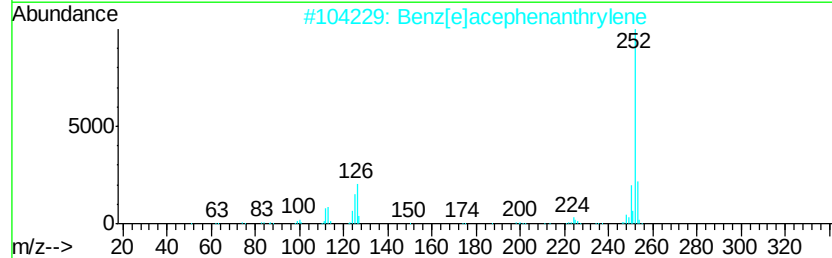
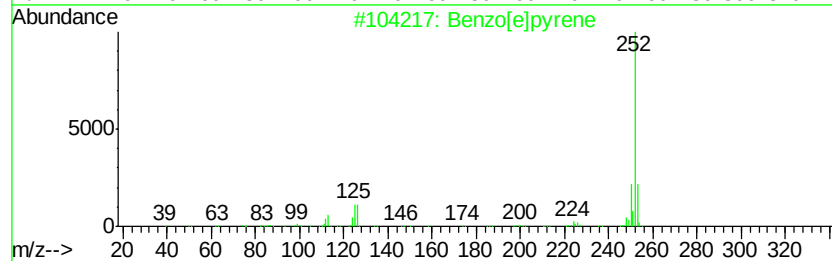
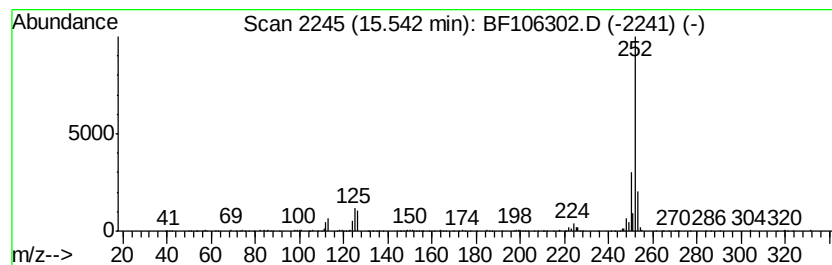
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	5.91 ng	431894	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	91
5		Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
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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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unknown6.74	6.74	56.3	ng	3679020	1	6.97	1305900	20.0
Tridecane, 6-propyl-	10.42	2.5	ng	239288	3	10.01	1928040	20.0
Hexadecane	10.90	3.2	ng	312119	4	11.50	1965240	20.0
5H-Indeno[1,2-b]p...	11.72	2.4	ng	235931	4	11.50	1965240	20.0
n-Hexadecanoic acid	12.01	6.7	ng	657031	4	11.50	1965240	20.0
4H-Cyclopenta[def...	12.11	3.0	ng	294057	4	11.50	1965240	20.0
n-Tetracosanol-1	13.97	6.0	ng	721913	5	14.14	2412410	20.0
Benzo[e]pyrene	15.54	5.9	ng	431894	6	15.68	1461840	20.0