

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112733.D
 Acq On : 27 Feb 2019 21:52
 Operator : JU/SJ
 Sample : K1633-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-11-D

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.339	549	553	556	rBV	950770	851659	22.06%	1.931%
2	6.363	723	727	734	rBV	988313	894117	23.16%	2.027%
3	6.504	747	751	754	rBV	1085213	876449	22.70%	1.987%
4	6.739	788	791	795	rVB	1318662	1068564	27.67%	2.423%
5	6.898	814	818	821	rBV	745039	654614	16.95%	1.484%
6	7.292	881	885	888	rBV	628948	465497	12.06%	1.056%
7	8.022	1005	1009	1011	rBV	1608661	1277421	33.08%	2.897%
8	8.039	1011	1012	1016	rVB	101466	73667	1.91%	0.167%
9	8.733	1127	1130	1133	rBV	72457	53423	1.38%	0.121%
10	9.092	1188	1191	1195	rBV	1004350	803719	20.81%	1.822%
11	9.486	1255	1258	1261	rVB	59835	41927	1.09%	0.095%
12	9.769	1300	1306	1309	rBV2	1466754	1220825	31.62%	2.768%
13	9.798	1309	1311	1315	rVB	476658	390584	10.12%	0.886%
14	9.969	1337	1340	1344	rVB	266103	225970	5.85%	0.512%
15	10.310	1395	1398	1402	rBV	463121	416103	10.78%	0.944%
16	10.398	1412	1413	1416	rVB	59026	42079	1.09%	0.095%
17	10.469	1423	1425	1431	rVB	77290	69300	1.79%	0.157%
18	10.545	1435	1438	1443	rVV2	584472	562835	14.58%	1.276%
19	10.857	1485	1491	1494	rBV2	66191	84376	2.19%	0.191%
20	11.045	1521	1523	1529	rVB	57079	60445	1.57%	0.137%
21	11.098	1529	1532	1535	rBV	42853	46210	1.20%	0.105%
22	11.139	1535	1539	1542	rVB	215271	185792	4.81%	0.421%
23	11.245	1554	1557	1559	rBV	1466271	1312036	33.98%	2.975%
24	11.268	1559	1561	1565	rVV	2954399	2647667	68.57%	6.004%
25	11.321	1565	1570	1573	rVB	1196973	998532	25.86%	2.264%
26	11.468	1589	1595	1599	rBV	296709	262257	6.79%	0.595%
27	11.545	1603	1608	1611	rBV3	52103	53433	1.38%	0.121%
28	11.745	1636	1642	1644	rBV	260792	232926	6.03%	0.528%
29	11.774	1644	1647	1651	rVV	406125	351125	9.09%	0.796%
30	11.821	1651	1655	1658	rVV	186208	174935	4.53%	0.397%
31	11.857	1658	1661	1663	rVV	649876	593131	15.36%	1.345%
32	11.880	1663	1665	1668	rVB	163718	129537	3.35%	0.294%
33	12.039	1689	1692	1699	rVB2	241976	285276	7.39%	0.647%
34	12.192	1713	1718	1720	rBV3	62280	67176	1.74%	0.152%

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35	12.292	1731	1735	1738	rBV	109779	131911	3.42%	0.299%
36	12.333	1738	1742	1744	rVV2	96581	103416	2.68%	0.234%
37	12.374	1746	1749	1755	rVB3	106137	138802	3.59%	0.315%
38	12.457	1758	1763	1766	rBV	4222231	3796401	98.32%	8.608%
39	12.510	1766	1772	1776	rBV2	74374	108829	2.82%	0.247%
40	12.604	1783	1788	1792	rVB2	159823	187731	4.86%	0.426%
41	12.680	1795	1801	1804	rBV	3319426	3861366	100.00%	8.756%
42	12.727	1807	1809	1816	rVB2	145878	146987	3.81%	0.333%
43	12.798	1816	1821	1823	rBV	234172	212244	5.50%	0.481%
44	12.827	1823	1826	1833	rVB	1121030	974543	25.24%	2.210%
45	12.898	1833	1838	1841	rBV3	194502	343756	8.90%	0.779%
46	12.921	1841	1842	1845	rVB	125900	76330	1.98%	0.173%
47	12.957	1845	1848	1850	rBV2	53963	60155	1.56%	0.136%
48	12.986	1850	1853	1854	rBV2	140155	160906	4.17%	0.365%
49	13.004	1854	1856	1860	rVB	584066	517599	13.40%	1.174%
50	13.045	1860	1863	1865	rBV3	36204	47595	1.23%	0.108%
51	13.074	1865	1868	1870	rBV	583347	481358	12.47%	1.091%
52	13.110	1870	1874	1877	rVV	332791	328143	8.50%	0.744%
53	13.139	1877	1879	1881	rVV2	93743	79035	2.05%	0.179%
54	13.168	1881	1884	1886	rVV	72869	58684	1.52%	0.133%
55	13.198	1887	1889	1892	rVB	122493	108925	2.82%	0.247%
56	13.233	1892	1895	1904	rBV3	138841	211977	5.49%	0.481%
57	13.304	1904	1907	1911	rBV2	43874	61996	1.61%	0.141%
58	13.504	1935	1941	1947	rBV2	134399	247680	6.41%	0.562%
59	13.621	1957	1961	1964	rBV	326327	372662	9.65%	0.845%
60	13.651	1964	1966	1968	rVV	266986	236642	6.13%	0.537%
61	13.674	1968	1970	1974	rVV2	241759	314116	8.13%	0.712%
62	13.709	1974	1976	1978	rVB2	65758	61141	1.58%	0.139%
63	13.786	1984	1989	1993	rBV	107157	169214	4.38%	0.384%
64	13.868	1995	2003	2006	rBV3	2426676	3610767	93.51%	8.187%
65	13.898	2006	2008	2011	rVB	1562084	1164084	30.15%	2.640%
66	13.974	2018	2021	2024	rBV	463798	384435	9.96%	0.872%
67	14.057	2032	2035	2037	rVB	162873	150803	3.91%	0.342%
68	14.086	2037	2040	2045	rBV2	185367	225236	5.83%	0.511%
69	14.186	2055	2057	2060	rVB	60721	62794	1.63%	0.142%
70	14.221	2060	2063	2065	rBV	109106	117988	3.06%	0.268%
71	14.257	2065	2069	2071	rVV	249891	292234	7.57%	0.663%

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Stop Thrs : 0 Peak Location: TOP

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72	14.286	2072	2074	2077	rVB	125359	125937	3.26%	0.286%
73	14.345	2082	2084	2087	rVV2	149828	151738	3.93%	0.344%
74	14.380	2087	2090	2091	rVV	106725	100160	2.59%	0.227%
75	14.398	2091	2093	2096	rVB2	213860	197816	5.12%	0.449%
76	14.433	2097	2099	2101	rBV2	86957	95165	2.46%	0.216%
77	14.727	2147	2149	2153	rVB	174432	165019	4.27%	0.374%
78	14.880	2170	2175	2178	rBV	1118749	1639904	42.47%	3.718%
79	14.980	2189	2192	2197	rVB	316453	326735	8.46%	0.741%
80	15.162	2219	2223	2228	rVB	606862	700293	18.14%	1.588%
81	15.215	2228	2232	2238	rBV	850376	1079761	27.96%	2.448%
82	15.280	2238	2243	2245	rBV	838303	967128	25.05%	2.193%
83	15.304	2245	2247	2250	rVB	242383	236135	6.12%	0.535%
84	16.627	2467	2472	2480	rVB2	359490	663018	17.17%	1.503%
85	17.033	2536	2541	2553	rVB	279127	571056	14.79%	1.295%

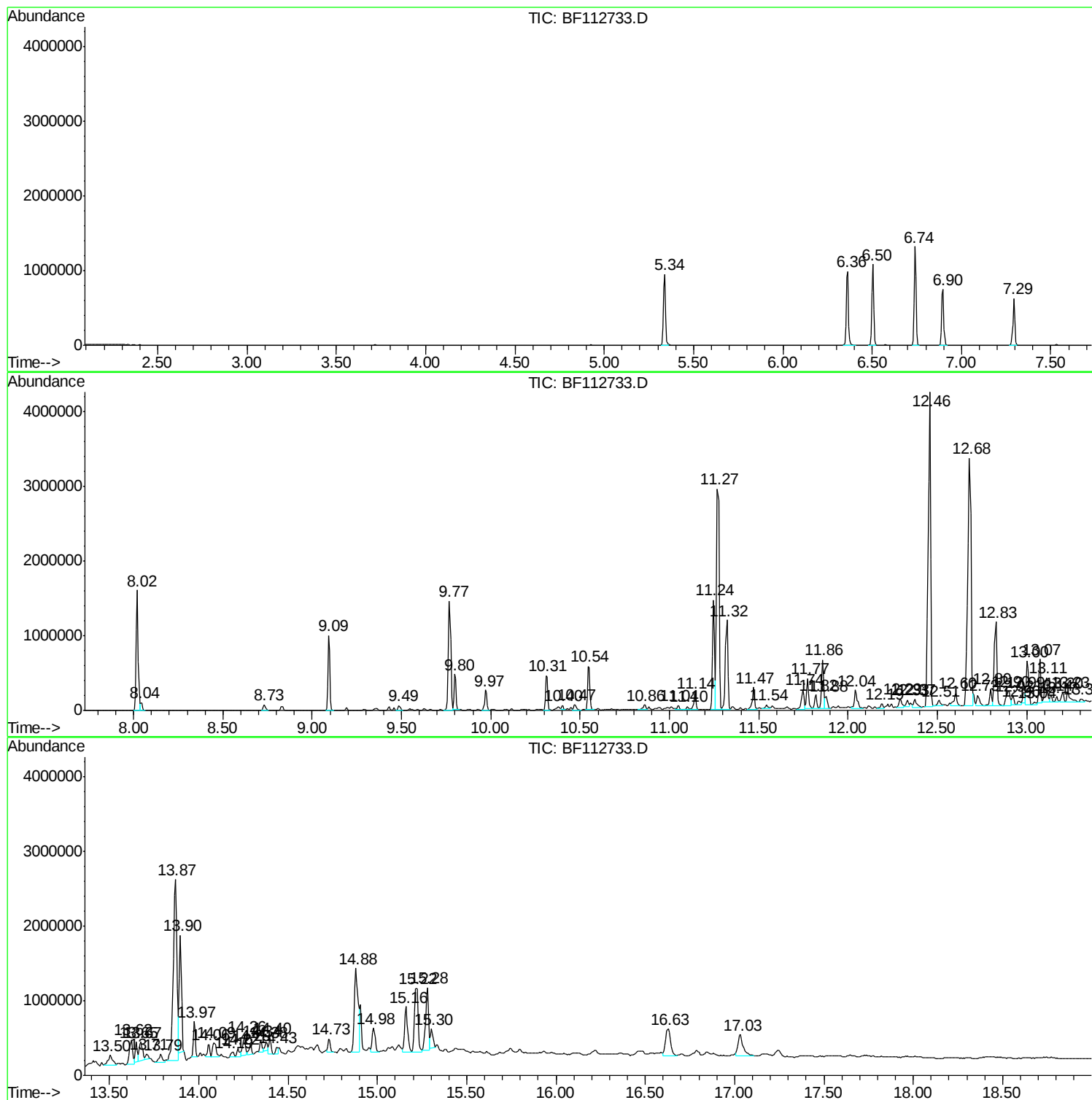
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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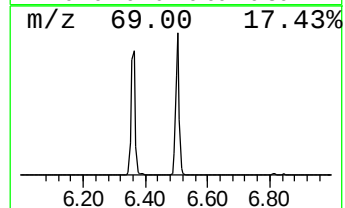
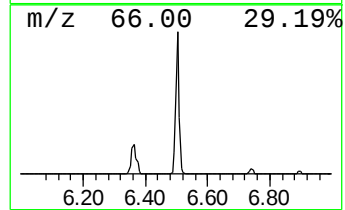
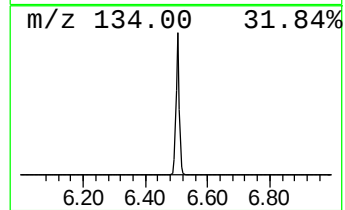
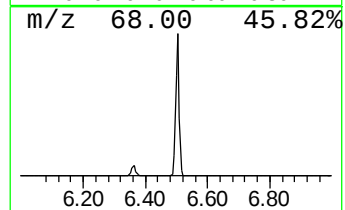
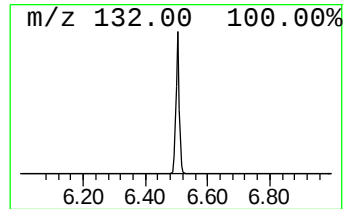
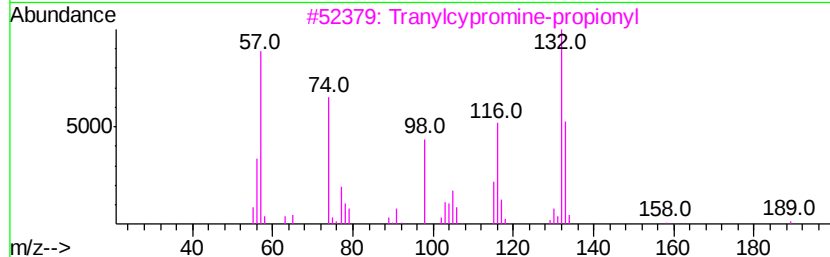
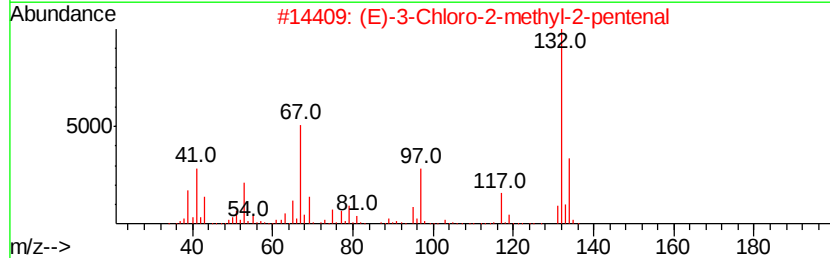
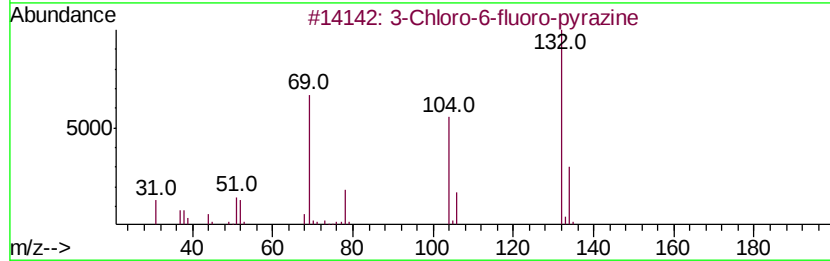
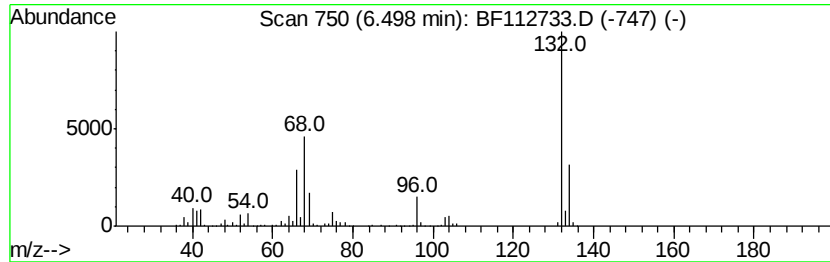
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	16.40 ng	876449	1,4-Dichlorobenzene-d4	6.74

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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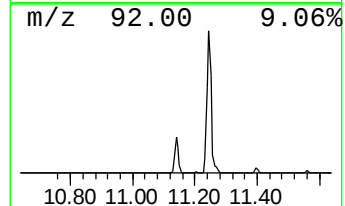
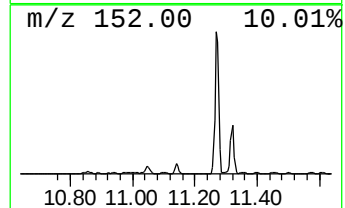
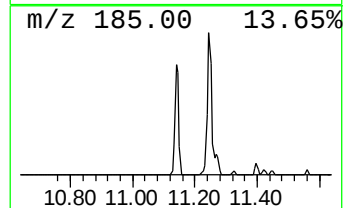
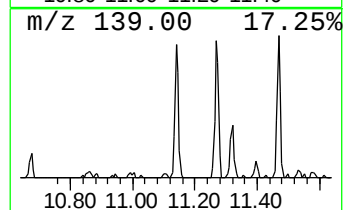
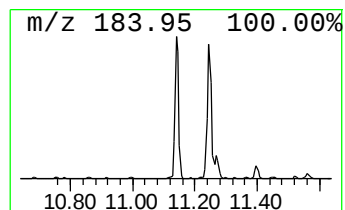
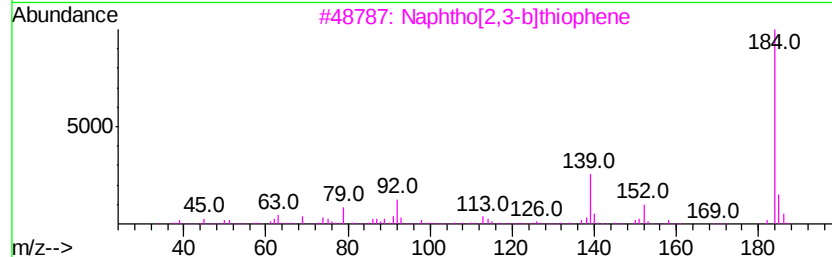
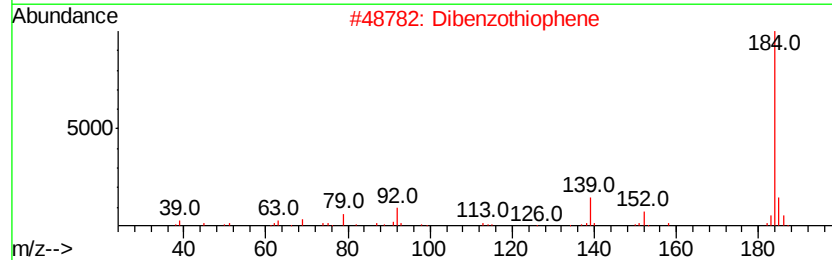
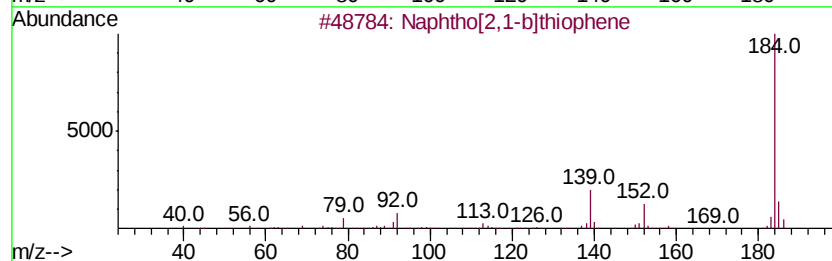
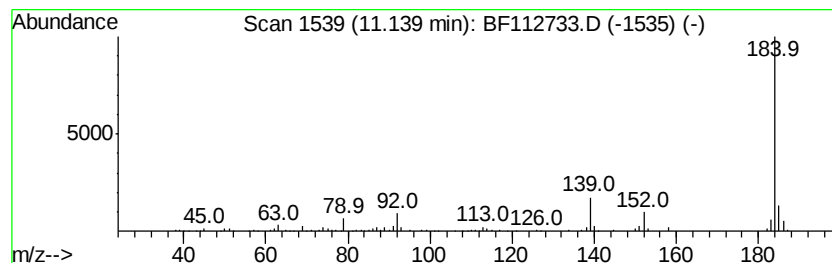
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.14	2.83 ng	185792	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64



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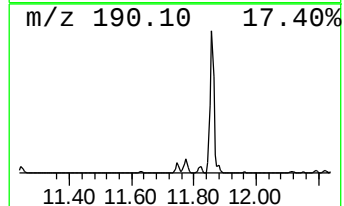
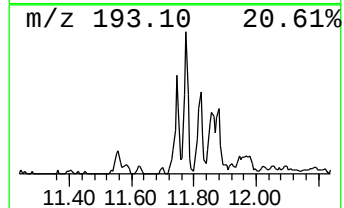
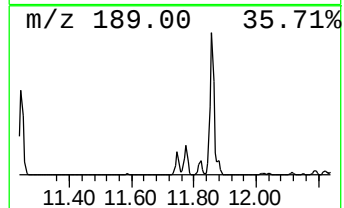
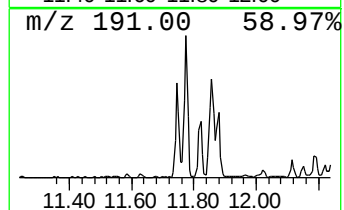
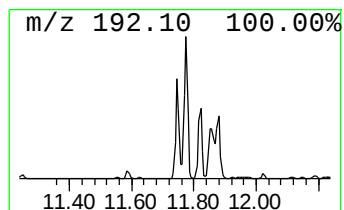
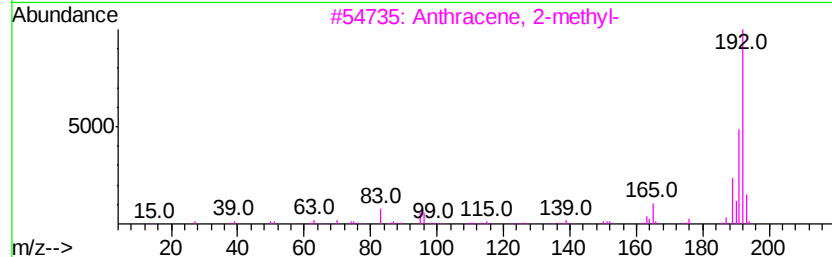
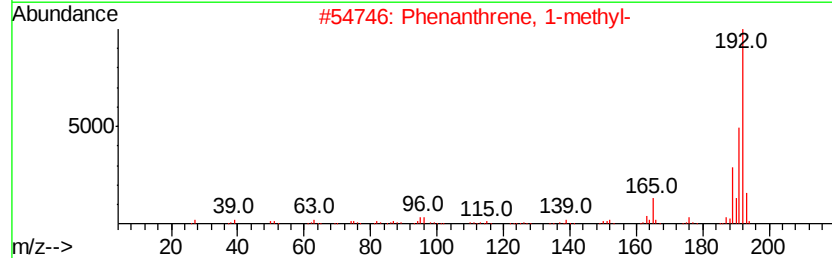
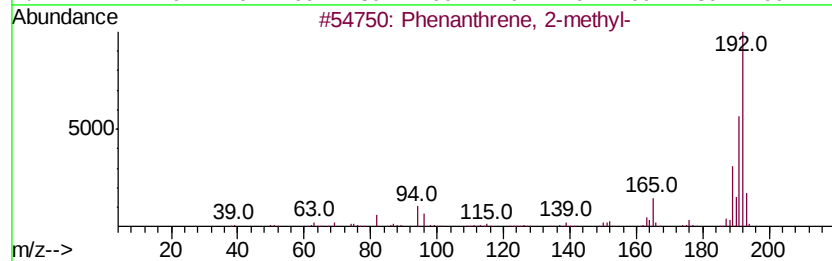
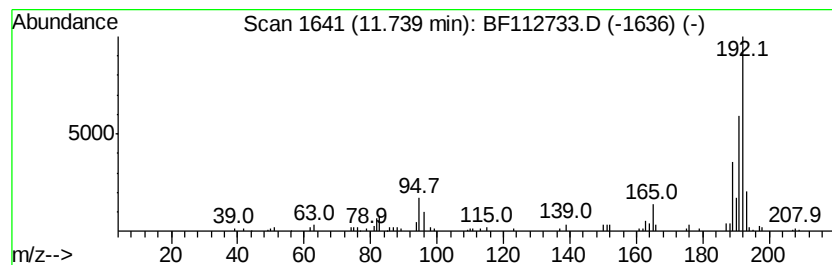
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	3.55 ng	232926	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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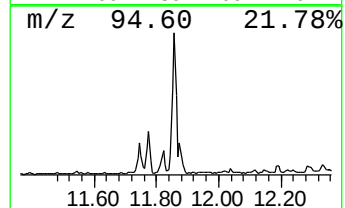
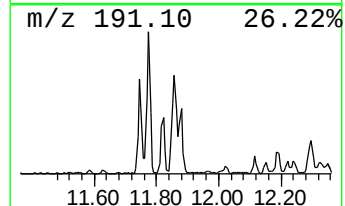
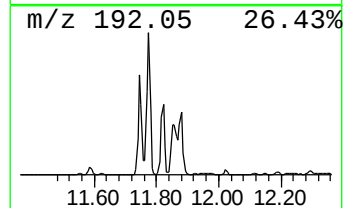
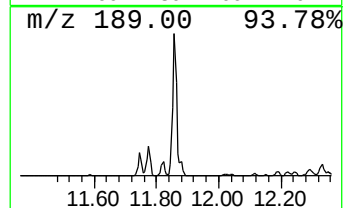
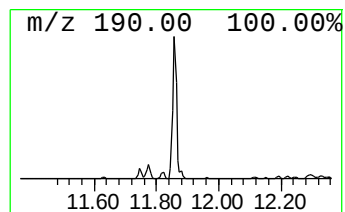
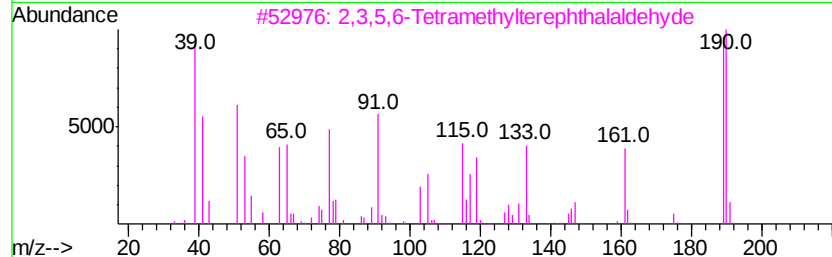
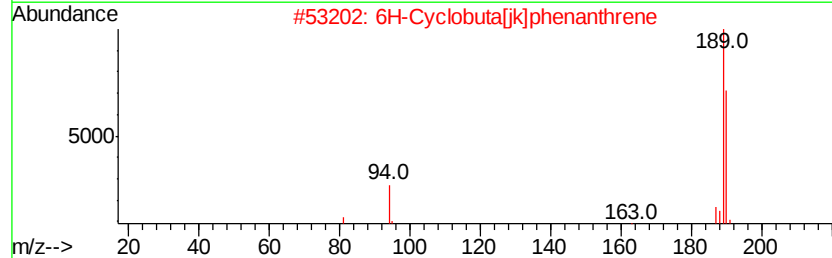
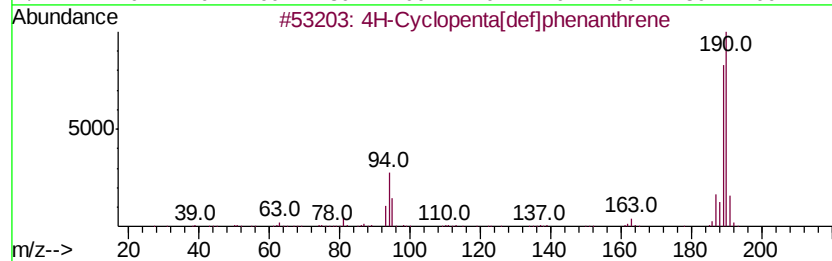
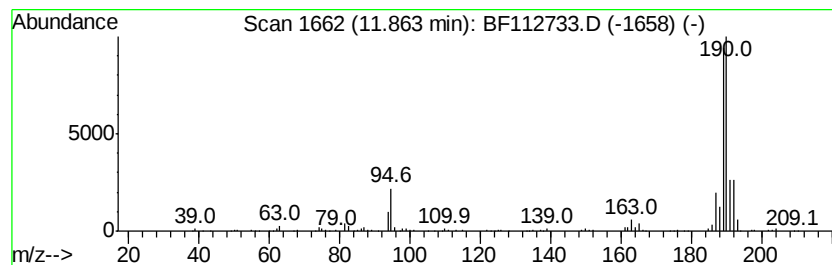
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ClientSampleId :
SR-11-D

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

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	9.04 ng	593131	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112733.D
Acq On : 27 Feb 2019 21:52
Operator : JU/SJ
Sample : K1633-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-11-D

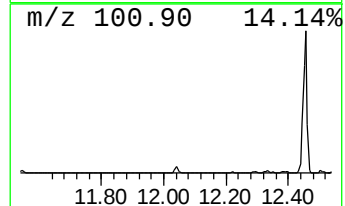
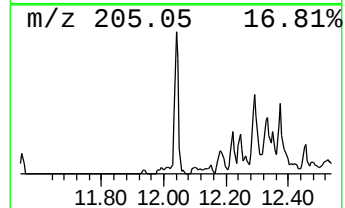
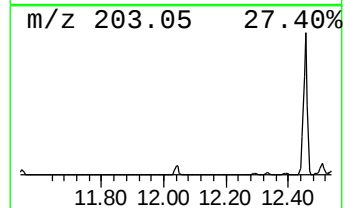
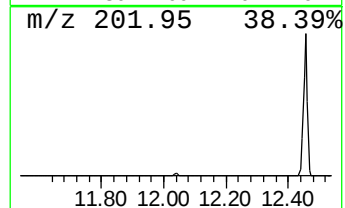
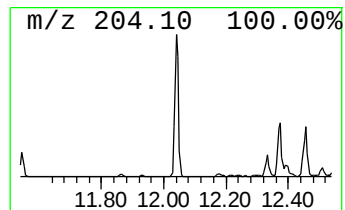
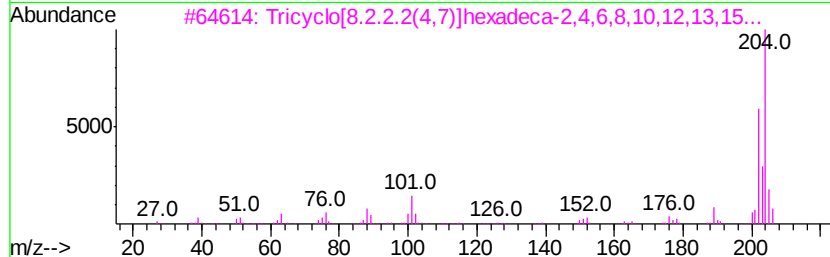
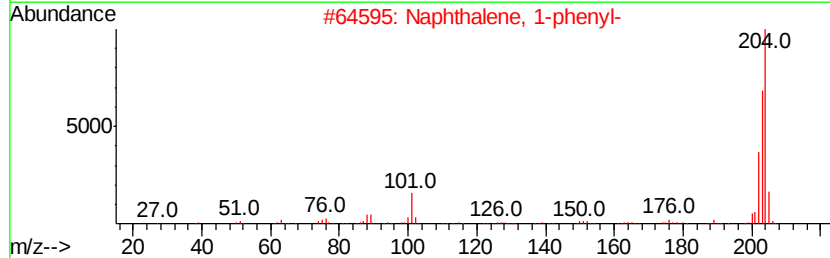
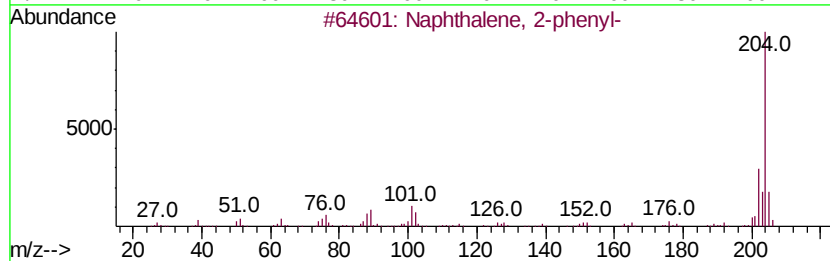
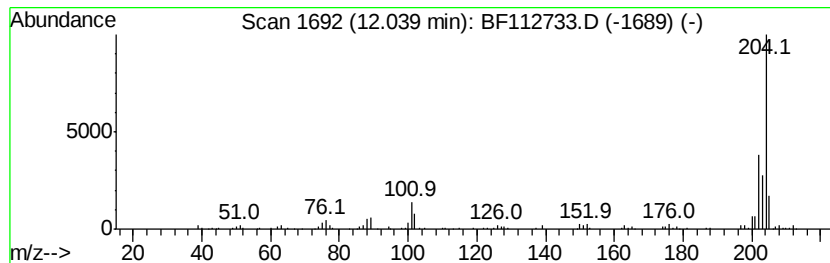
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.35 ng	285276	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112733.D
Acq On : 27 Feb 2019 21:52
Operator : JU/SJ
Sample : K1633-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

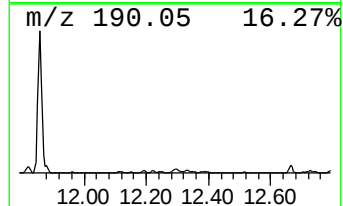
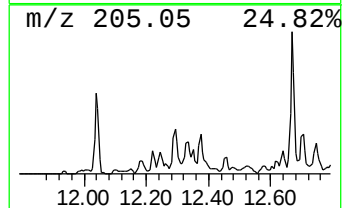
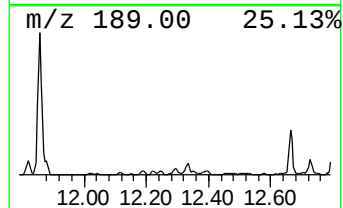
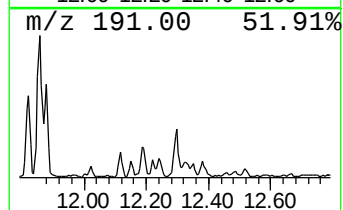
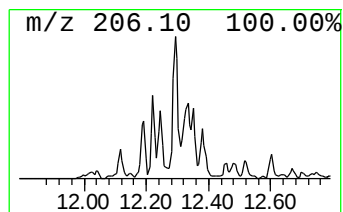
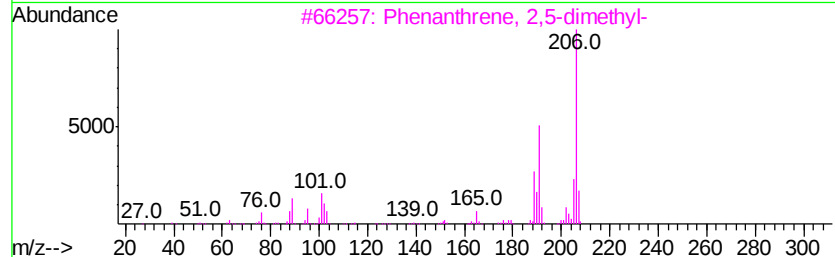
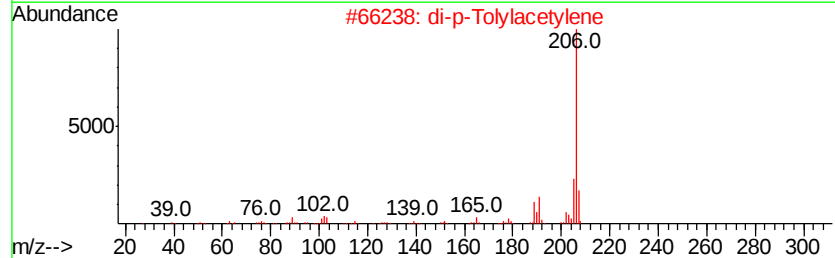
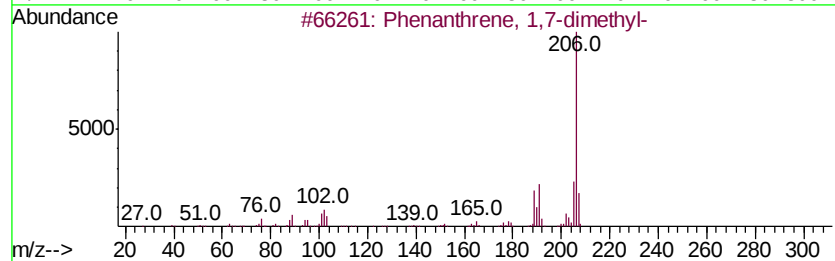
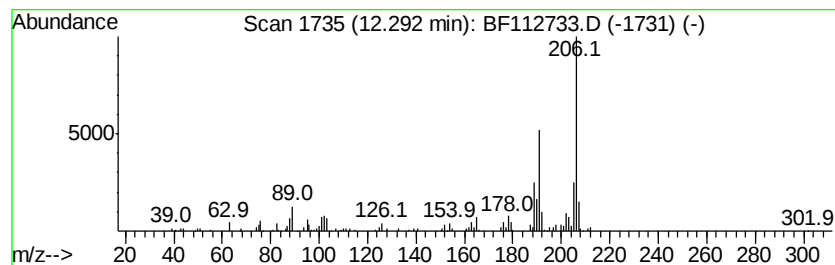
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ClientSampleId :
SR-11-D

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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 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.29	2.01 ng	131911	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112733.D
Acq On : 27 Feb 2019 21:52
Operator : JU/SJ
Sample : K1633-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-11-D

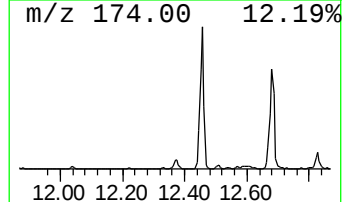
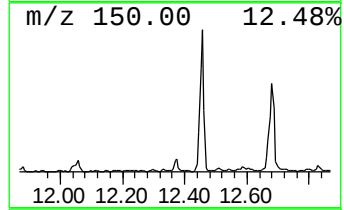
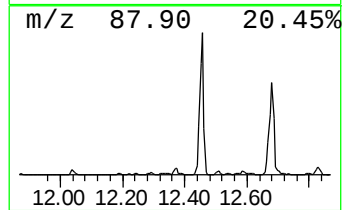
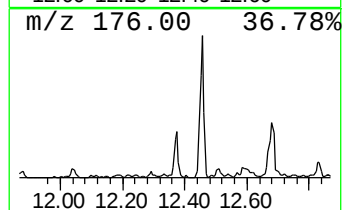
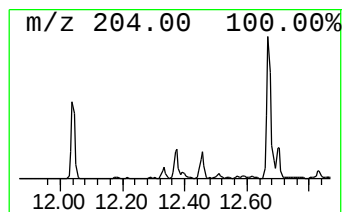
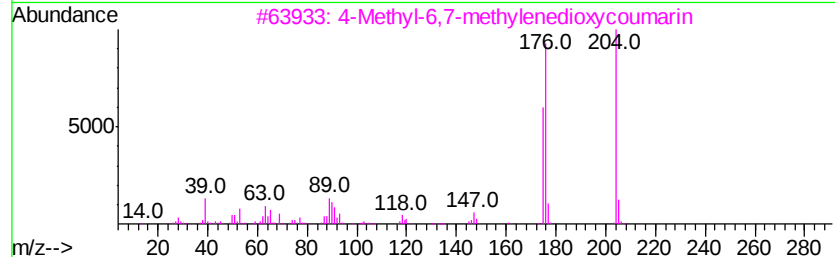
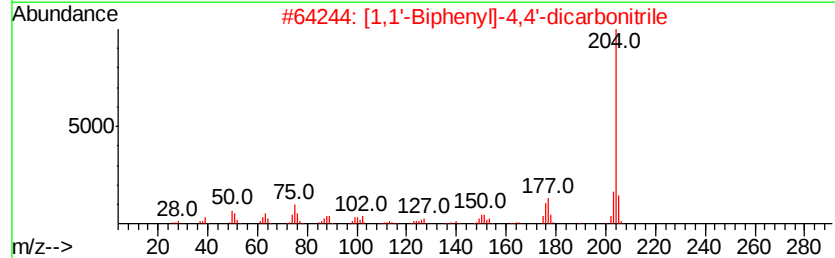
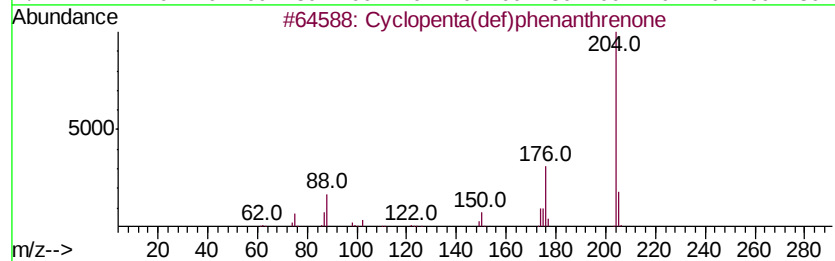
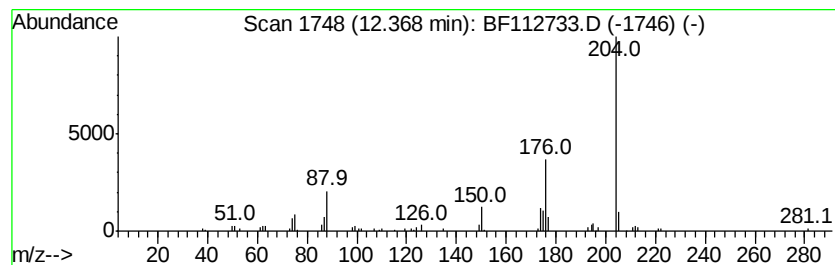
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.12 ng	138802	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3		4-Methyl-6,7-methylenedioxy coumarin	204	C11H8O4	015071-04-2	53
4		(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112733.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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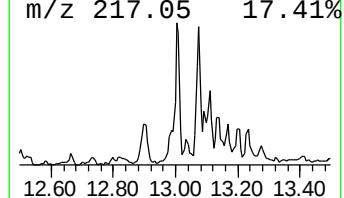
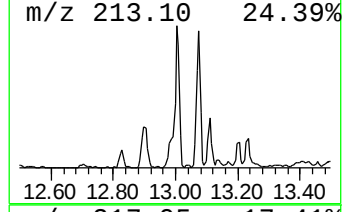
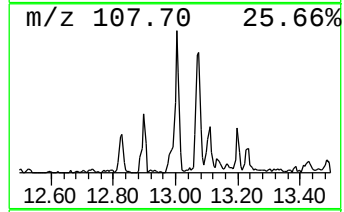
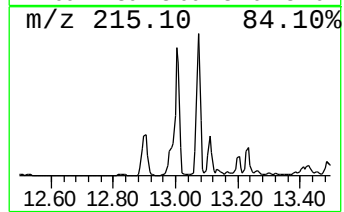
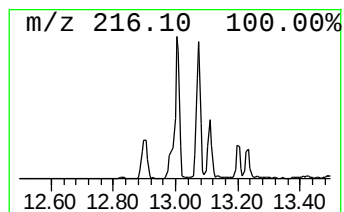
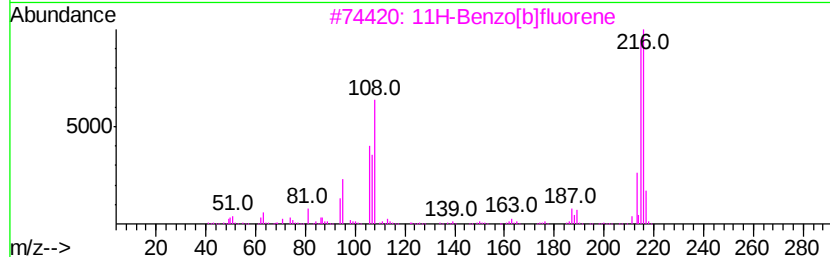
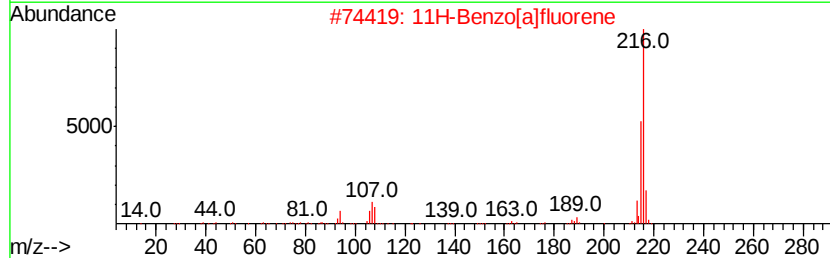
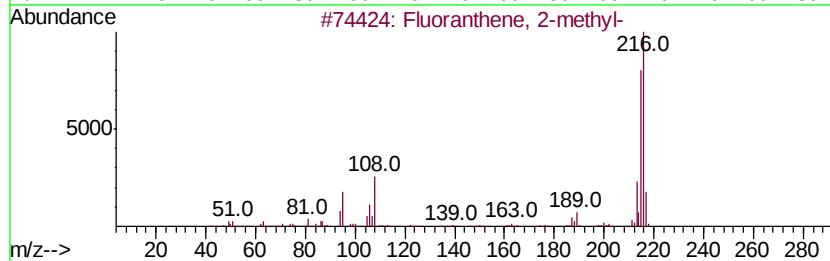
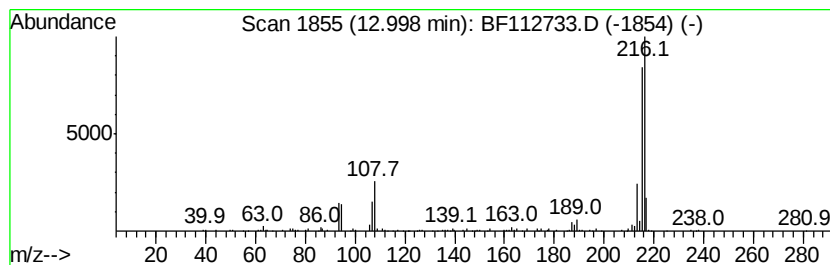
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.87 ng	517599	Chrysene-d12	13.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112733.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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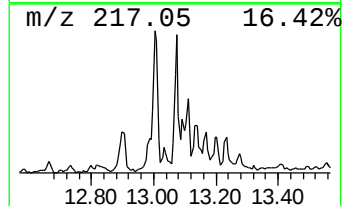
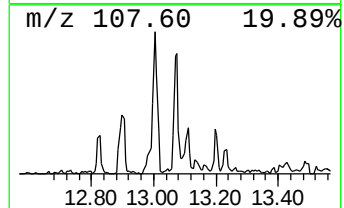
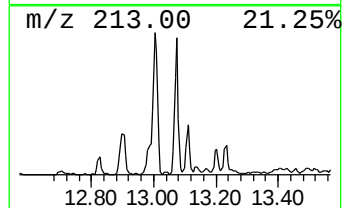
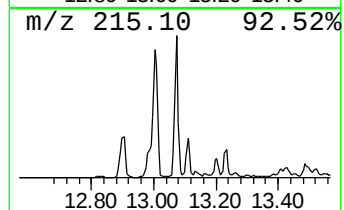
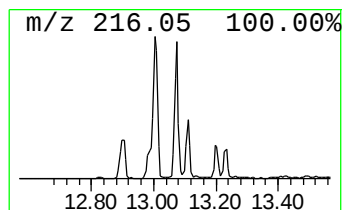
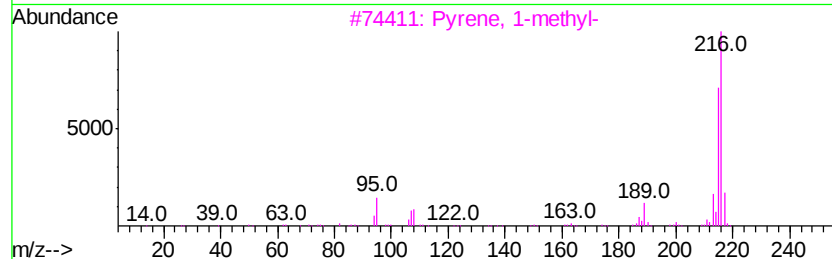
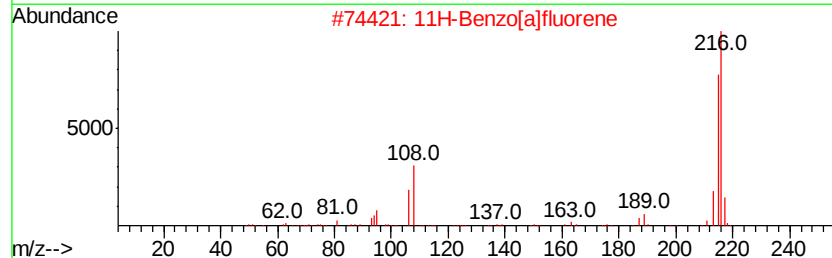
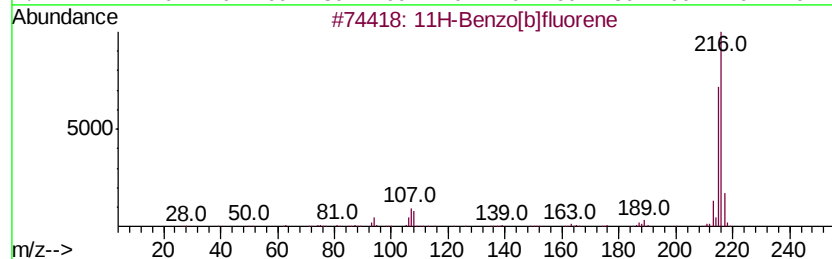
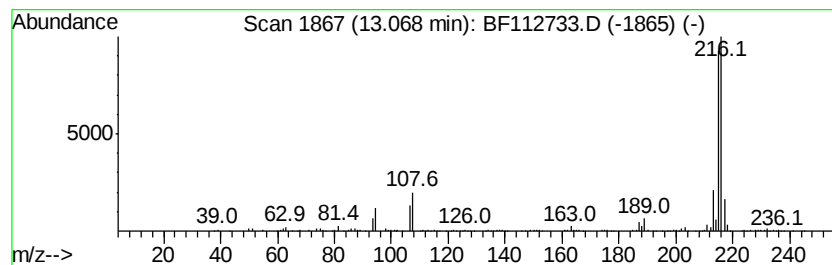
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.67 ng	481358	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	62
4		6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	59
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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Misc :
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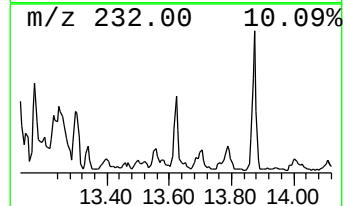
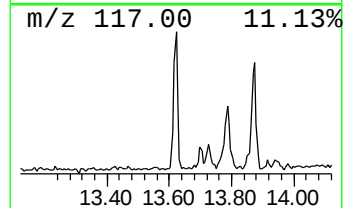
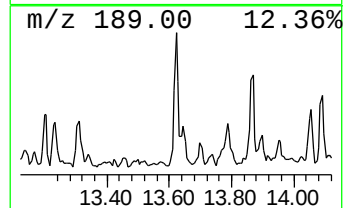
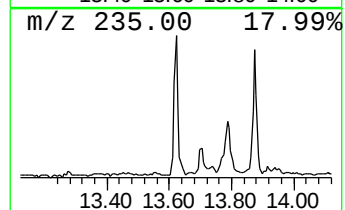
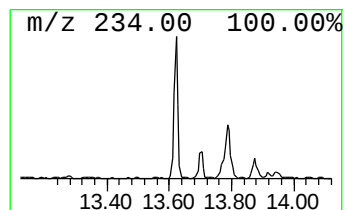
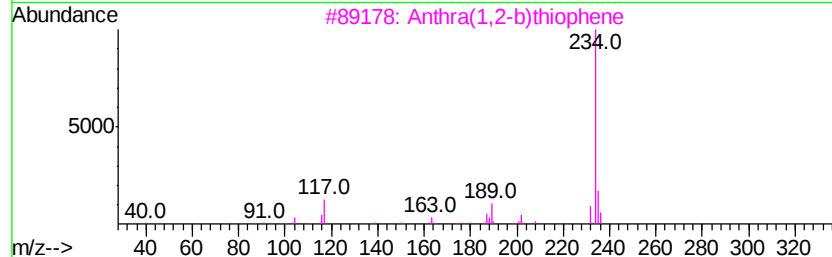
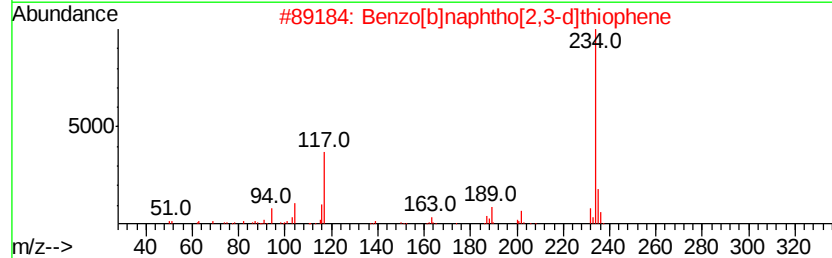
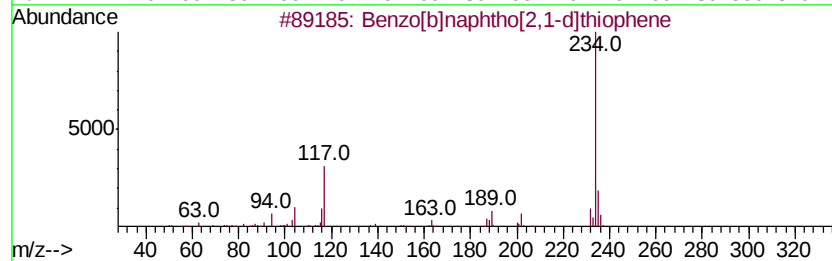
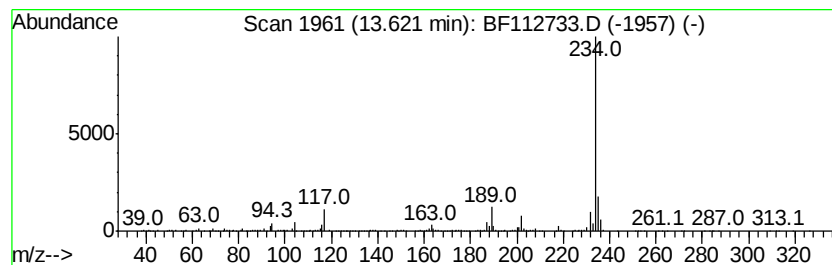
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.06 ng	372662	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5		Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112733.D
Acq On : 27 Feb 2019 21:52
Operator : JU/SJ
Sample : K1633-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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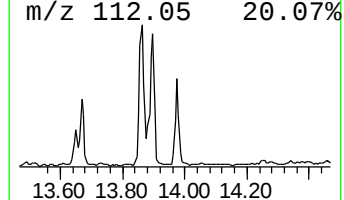
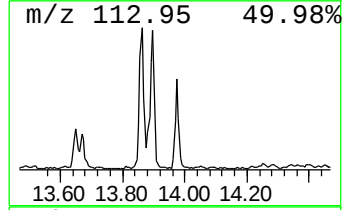
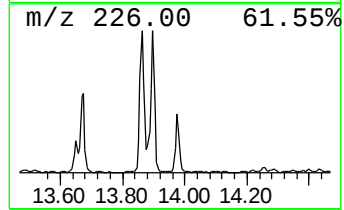
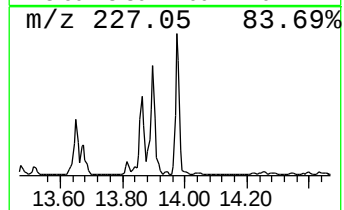
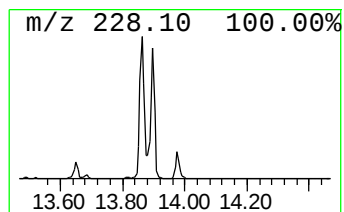
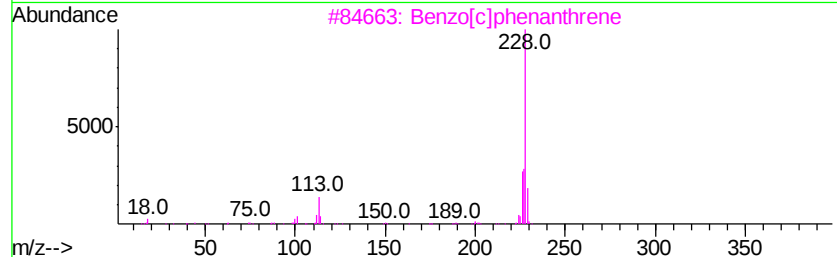
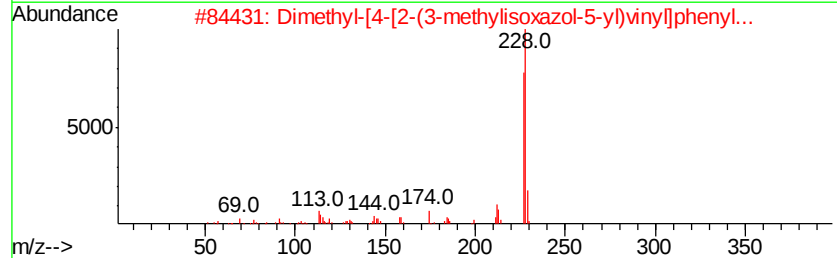
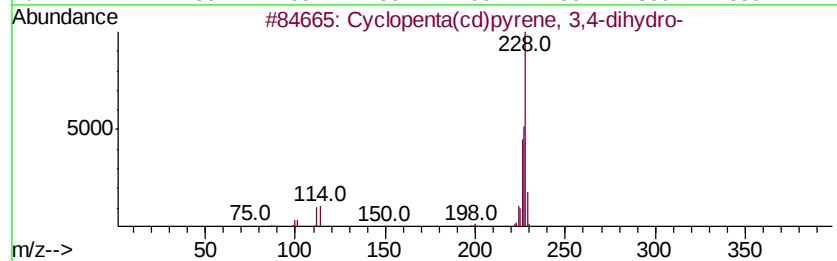
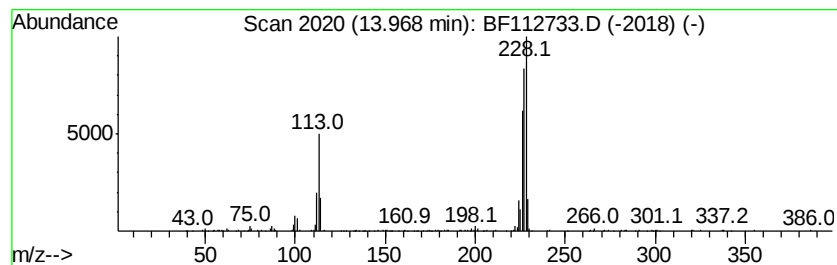
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.13 ng	384435	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	50
2		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	47
4		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112733.D
Acq On : 27 Feb 2019 21:52
Operator : JU/SJ
Sample : K1633-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-11-D

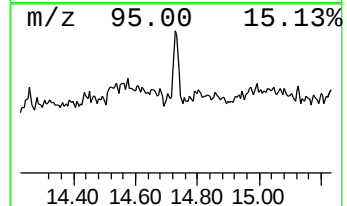
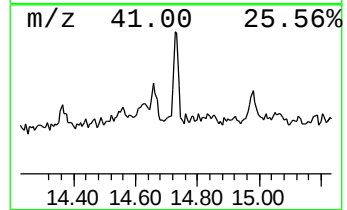
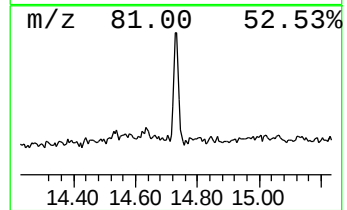
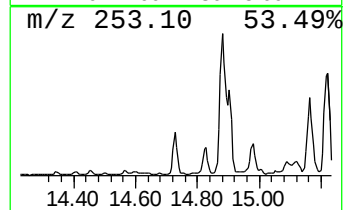
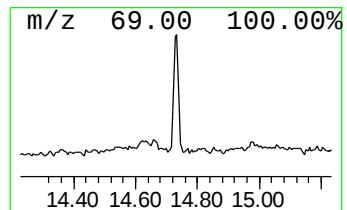
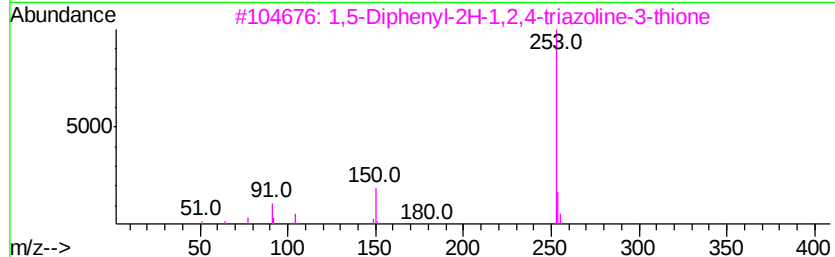
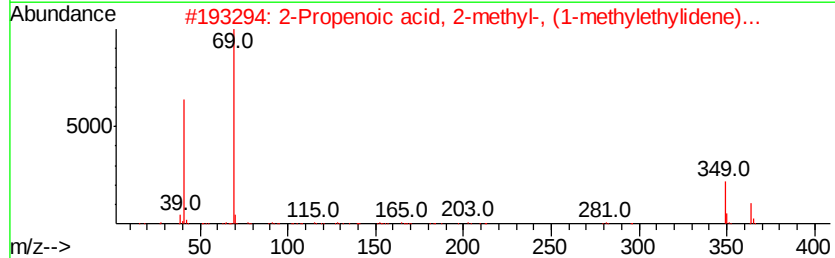
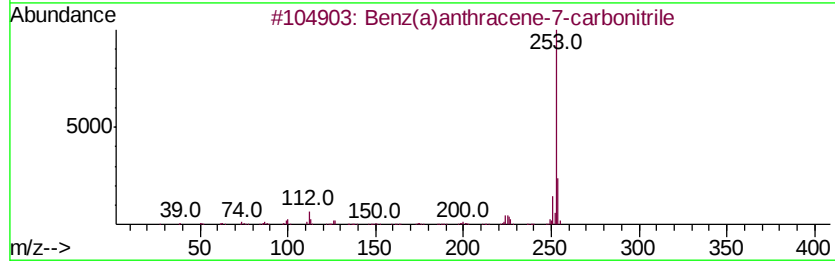
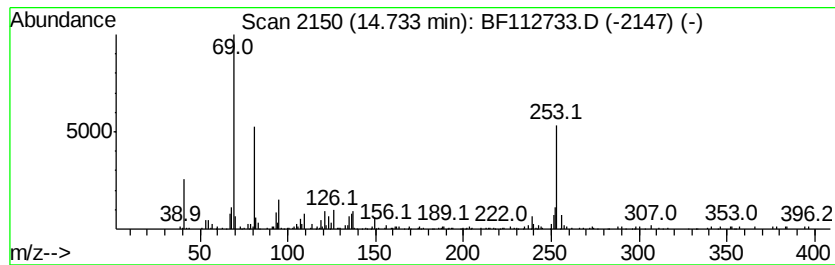
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown14.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.41 ng	165019	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	27
2			2-Propenoic acid, 2-methyl-, (1-...	364	C23H24O4	003253-39-2	10
3			1,5-Diphenyl-2H-1,2,4-triazoline...	253	C14H11N3S	005055-74-3	9
4			Triamterene	253	C12H11N7	000396-01-0	9
5			1H-Imidazole, 5-iodo-2-methyl-4-...	253	C4H4IN3O2	1000362-18-4	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-11-D

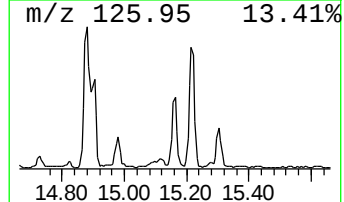
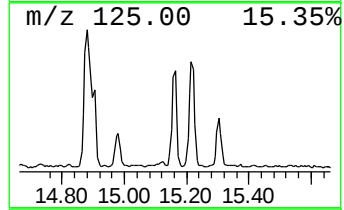
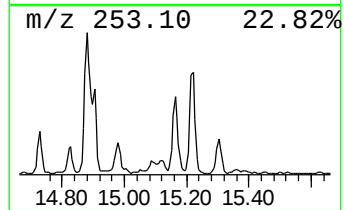
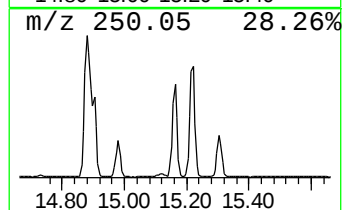
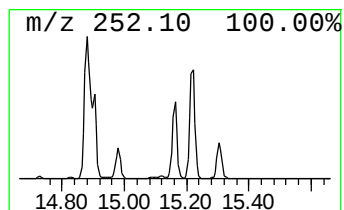
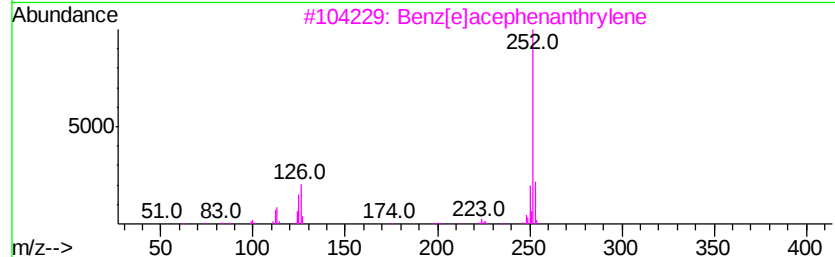
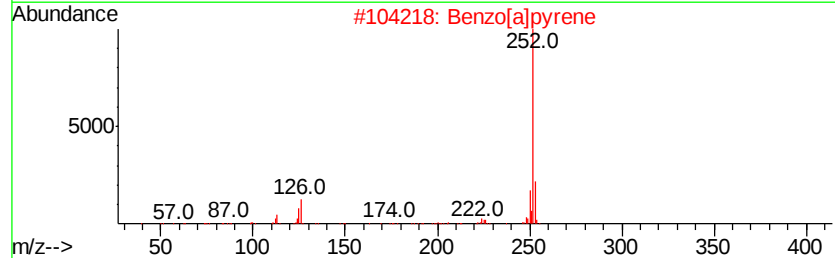
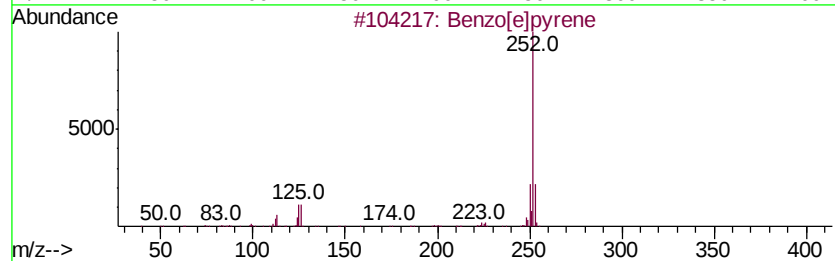
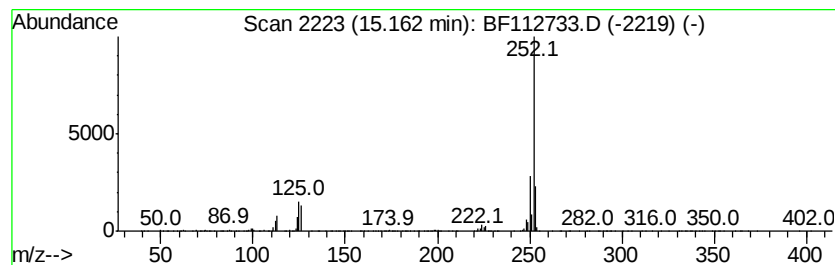
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	14.48 ng	700293	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



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 Sample : K1633-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SR-11-D

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	16.4	ng	876449	1	6.74	1068560	20.0
Naphtho[2,1-b]thi...	11.14	2.8	ng	185792	4	11.24	1312040	20.0
Phenanthrene, 2-m...	11.74	3.5	ng	232926	4	11.24	1312040	20.0
4H-Cyclopenta[def...	11.86	9.0	ng	593131	4	11.24	1312040	20.0
Naphthalene, 2-ph...	12.04	4.3	ng	285276	4	11.24	1312040	20.0
Phenanthrene, 1,7...	12.29	2.0	ng	131911	4	11.24	1312040	20.0
Cyclopenta(def)ph...	12.37	2.1	ng	138802	4	11.24	1312040	20.0
Fluoranthene, 2-m...	13.00	2.9	ng	517599	5	13.87	3610770	20.0
11H-Benzo[b]fluorene	13.07	2.7	ng	481358	5	13.87	3610770	20.0
Benzo[b]naphtho[2...	13.62	2.1	ng	372662	5	13.87	3610770	20.0
Cyclopenta(cd)pyr...	13.97	2.1	ng	384435	5	13.87	3610770	20.0
unknown14.73	14.73	3.4	ng	165019	6	15.28	967128	20.0
Benzo[e]pyrene	15.16	14.5	ng	700293	6	15.28	967128	20.0