

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
 Data File : BF116999.D
 Acq On : 12 Sep 2019 18:29
 Operator : HP/JU
 Sample : K4663-04 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091119

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-BF083019.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	5.440	566	570	581	rBV	703688	698159	71.43%	5.179%
2	6.451	738	742	755	rBV	866773	776110	79.41%	5.757%
3	6.593	762	766	776	rBV	972692	805088	82.37%	5.972%
4	6.822	802	805	817	rBV	481478	430130	44.01%	3.190%
5	6.981	828	832	848	rBV	739068	619471	63.38%	4.595%
6	7.381	896	900	912	rBV	470246	470132	48.10%	3.487%
7	8.104	1019	1023	1043	rBV	576584	586081	59.96%	4.347%
8	9.175	1201	1205	1217	rBV	1101730	977397	100.00%	7.250%
9	9.569	1268	1272	1280	rBV	112913	125657	12.86%	0.932%
10	9.716	1293	1297	1303	rBV	68674	67395	6.90%	0.500%
11	9.851	1317	1320	1331	rBV	724151	682295	69.81%	5.061%
12	10.404	1410	1414	1421	rVB	9153	13183	1.35%	0.098%
13	10.639	1450	1454	1462	rBV	445457	462243	47.29%	3.429%
14	10.769	1471	1476	1479	rVB2	10138	14600	1.49%	0.108%
15	11.233	1552	1555	1560	rVB2	10558	11639	1.19%	0.086%
16	11.333	1568	1572	1575	rBV	650182	608759	62.28%	4.515%
17	11.357	1575	1576	1583	rVV	120183	94013	9.62%	0.697%
18	11.410	1583	1585	1589	rVB	33893	33490	3.43%	0.248%
19	11.580	1610	1614	1616	rBV4	8552	13517	1.38%	0.100%
20	11.627	1619	1622	1627	rVB3	12255	13107	1.34%	0.097%
21	11.839	1655	1658	1659	rBV	24250	22227	2.27%	0.165%
22	11.863	1659	1662	1667	rVB2	63178	71644	7.33%	0.531%
23	11.945	1673	1676	1679	rBV	47063	53503	5.47%	0.397%
24	11.969	1679	1680	1686	rVB	24933	20608	2.11%	0.153%
25	12.127	1704	1707	1710	rBV	18152	16590	1.70%	0.123%
26	12.157	1710	1712	1718	rVB3	17153	17842	1.83%	0.132%
27	12.386	1746	1751	1753	rBV	40787	43762	4.48%	0.325%
28	12.422	1753	1757	1762	rVV4	32829	55698	5.70%	0.413%
29	12.469	1762	1765	1769	rVB	34742	36765	3.76%	0.273%
30	12.545	1774	1778	1782	rBV	350534	317007	32.43%	2.351%
31	12.639	1791	1794	1797	rBV2	46131	39847	4.08%	0.296%
32	12.769	1811	1816	1822	rBV	351921	394070	40.32%	2.923%
33	12.833	1822	1827	1830	rVB3	17251	29073	2.97%	0.216%
34	12.886	1834	1836	1837	rBV	17500	12806	1.31%	0.095%

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35	12.910	1837	1840	1844	rBV	779262	740884	75.80%	5.495%
36	12.992	1850	1854	1857	rBV3	35830	54369	5.56%	0.403%
37	13.080	1865	1869	1870	rBV3	38092	44206	4.52%	0.328%
38	13.098	1870	1872	1875	rVB	59299	52522	5.37%	0.390%
39	13.145	1877	1880	1882	rBV2	19678	22329	2.28%	0.166%
40	13.169	1882	1884	1887	rVV	28979	24396	2.50%	0.181%
41	13.204	1887	1890	1897	rVB	58776	68146	6.97%	0.505%
42	13.298	1903	1906	1909	rBV	36664	33465	3.42%	0.248%
43	13.327	1909	1911	1915	rVB	39525	35025	3.58%	0.260%
44	13.410	1923	1925	1929	rVB5	10633	10883	1.11%	0.081%
45	13.486	1934	1938	1942	rBV6	21983	45094	4.61%	0.334%
46	13.610	1956	1959	1962	rVB	41525	48009	4.91%	0.356%
47	13.716	1972	1977	1980	rBV2	56079	78552	8.04%	0.583%
48	13.745	1980	1982	1984	rVV	36266	27390	2.80%	0.203%
49	13.769	1984	1986	1991	rVV2	37736	42540	4.35%	0.316%
50	13.816	1991	1994	1996	rBV	44446	41887	4.29%	0.311%
51	13.969	2014	2020	2022	rBV2	603910	775345	79.33%	5.751%
52	13.992	2022	2024	2031	rVB	244103	229639	23.49%	1.703%
53	14.074	2036	2038	2040	rBV2	20693	13307	1.36%	0.099%
54	14.116	2042	2045	2046	rBV	34279	36765	3.76%	0.273%
55	14.186	2055	2057	2061	rVB3	21185	20998	2.15%	0.156%
56	14.221	2061	2063	2067	rBV4	18702	22693	2.32%	0.168%
57	14.316	2077	2079	2081	rBV	17579	17187	1.76%	0.127%
58	14.351	2081	2085	2088	rVB	61513	68840	7.04%	0.511%
59	14.386	2088	2091	2095	rBV2	35011	32269	3.30%	0.239%
60	14.433	2096	2099	2104	rBV4	36802	54062	5.53%	0.401%
61	14.480	2104	2107	2109	rBV3	44566	46891	4.80%	0.348%
62	14.545	2116	2118	2122	rVB3	20327	19740	2.02%	0.146%
63	14.733	2148	2150	2153	rBV2	41817	41363	4.23%	0.307%
64	14.998	2190	2195	2198	rBV	274005	416211	42.58%	3.087%
65	15.104	2210	2213	2217	rVB	59827	64727	6.62%	0.480%
66	15.292	2241	2245	2251	rVB	164917	217236	22.23%	1.611%
67	15.351	2251	2255	2261	rBV	227668	297527	30.44%	2.207%
68	15.415	2261	2266	2270	rBV	395280	534181	54.65%	3.962%
69	15.857	2338	2341	2344	rVB3	28029	30356	3.11%	0.225%
70	15.957	2356	2358	2363	rBV6	18381	24754	2.53%	0.184%
71	16.104	2379	2383	2387	rVB7	29147	44851	4.59%	0.333%

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72	16.515	2451	2453	2458	rVB6	18093	27355	2.80%	0.203%
73	16.845	2503	2509	2518	rVV2	89261	178249	18.24%	1.322%
74	16.921	2518	2522	2528	rVB8	21712	46092	4.72%	0.342%
75	17.086	2543	2550	2556	rBV9	32120	79165	8.10%	0.587%
76	17.274	2577	2582	2590	rBV2	58107	114045	11.67%	0.846%
77	17.698	2652	2654	2658	rVB5	8875	11015	1.13%	0.082%
78	18.180	2732	2736	2740	rBV7	6474	13314	1.36%	0.099%

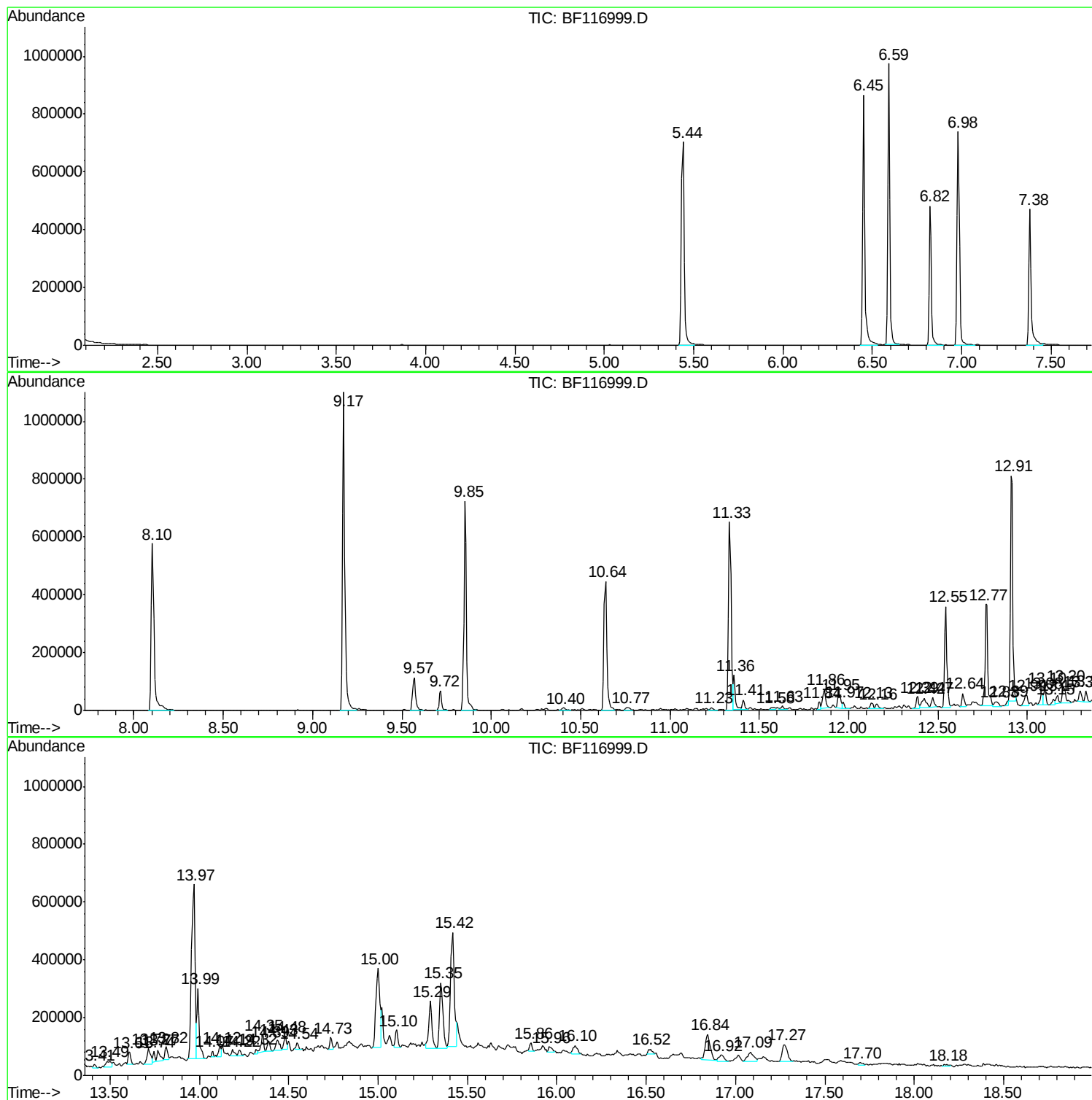
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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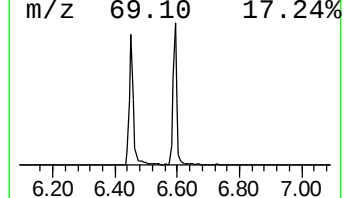
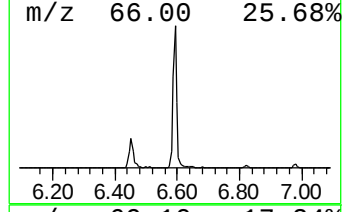
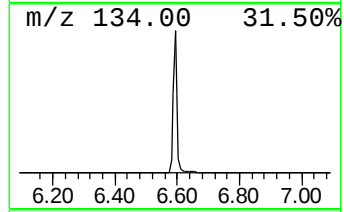
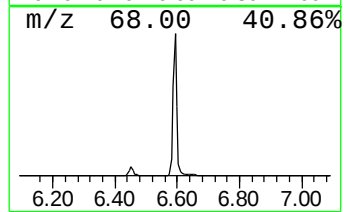
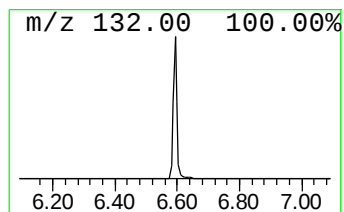
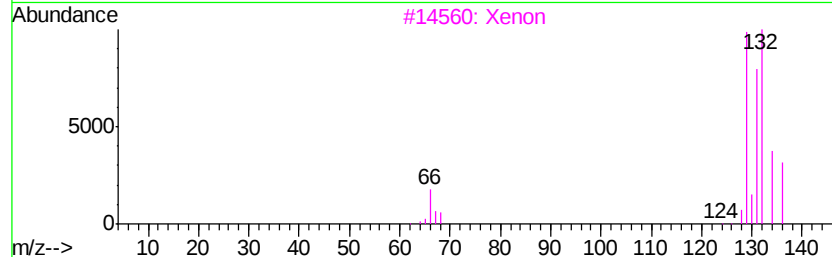
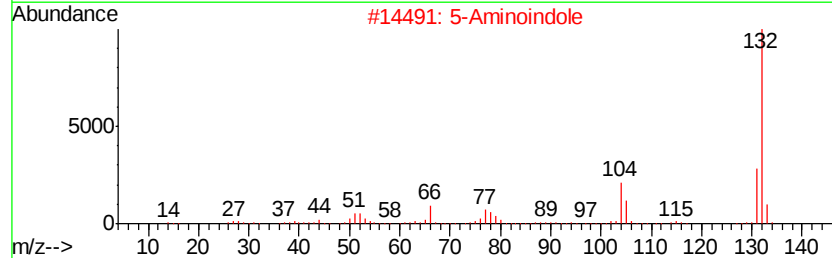
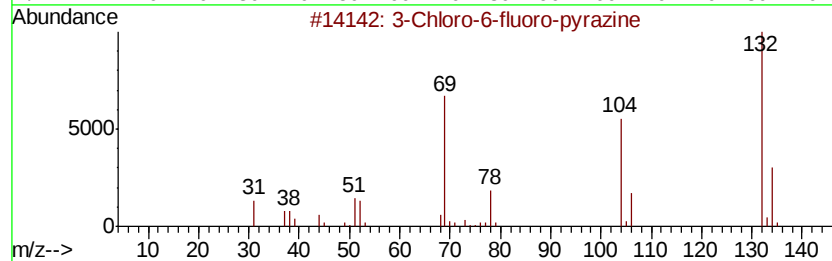
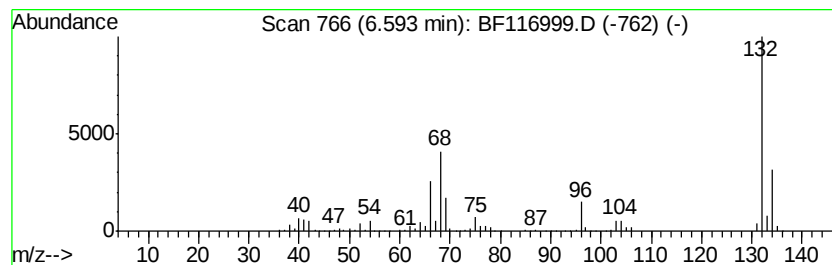
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	37.43 ng	805088	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Xenon	132	Xe	007440-63-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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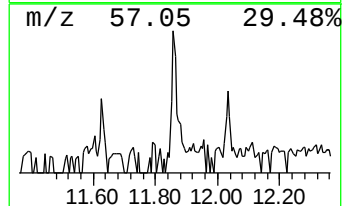
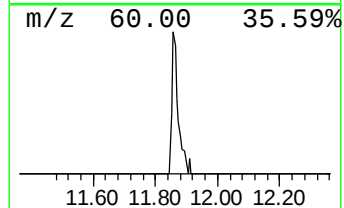
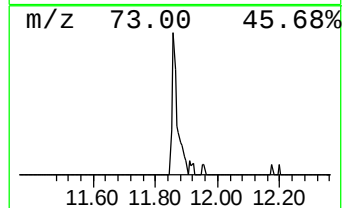
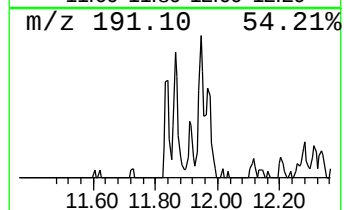
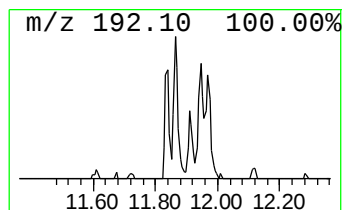
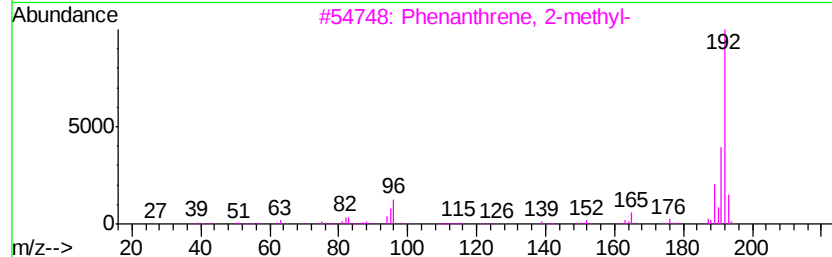
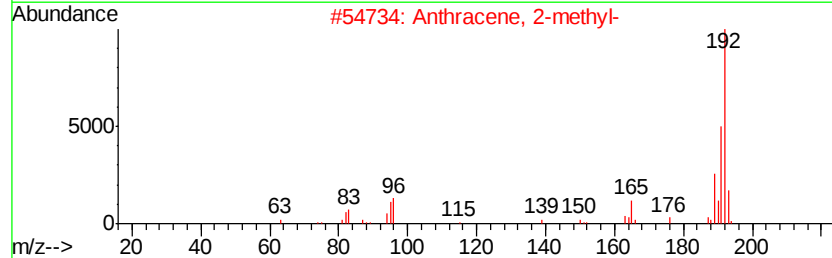
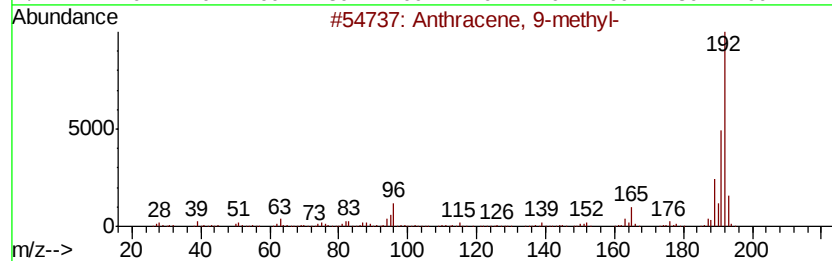
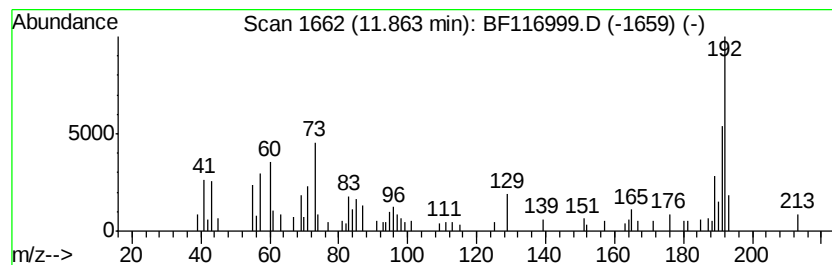
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.35 ng	71644	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70



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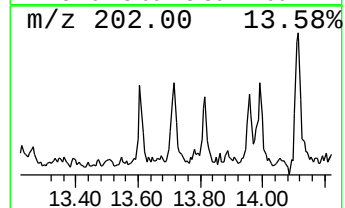
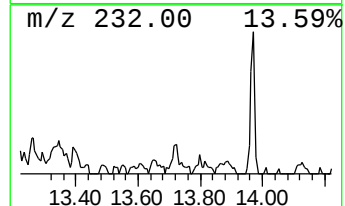
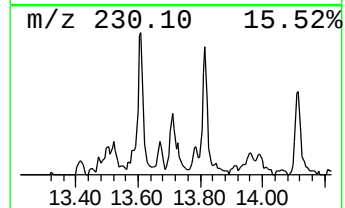
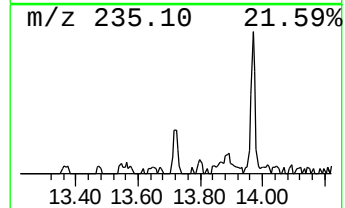
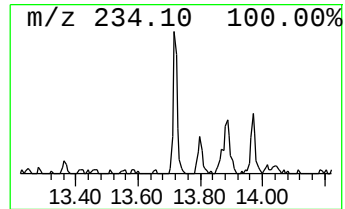
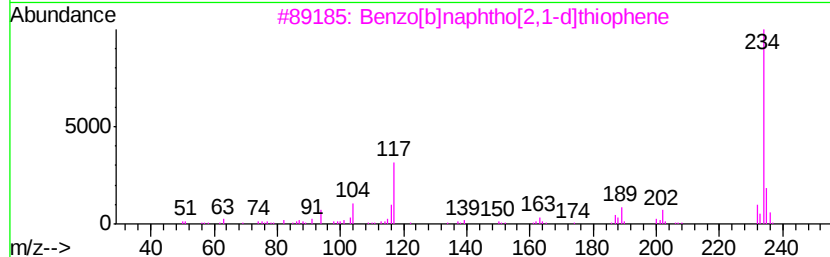
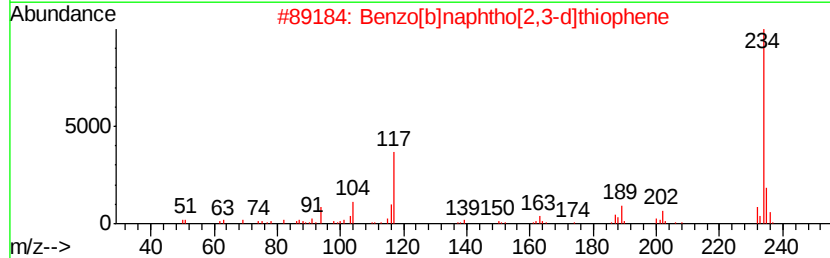
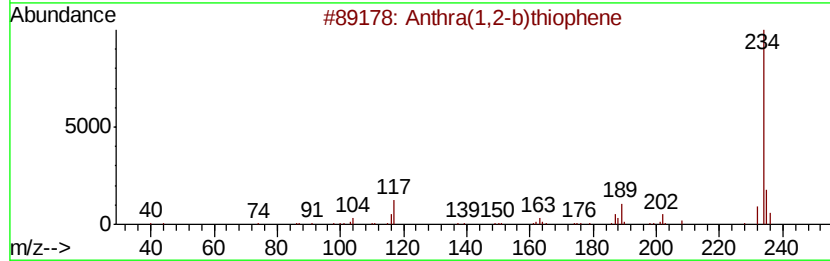
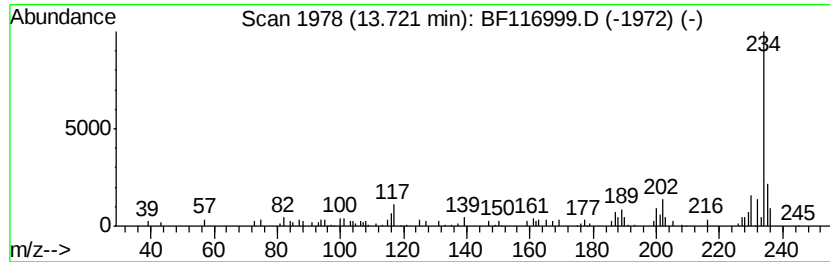
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthra(1,2-b)thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.03 ng	78552	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53
5		Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	49



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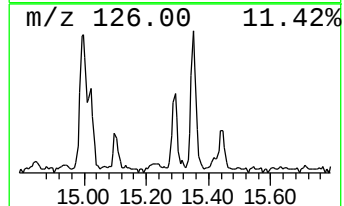
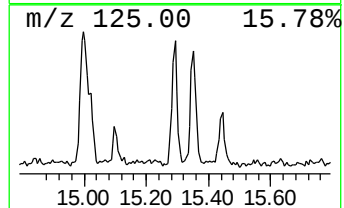
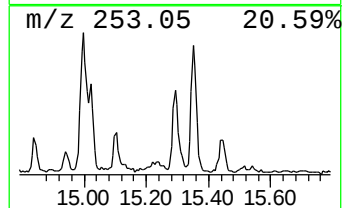
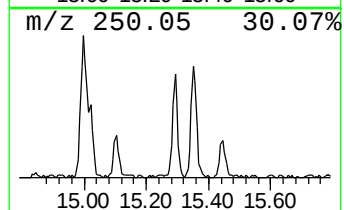
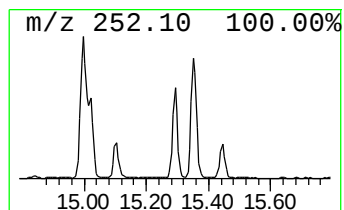
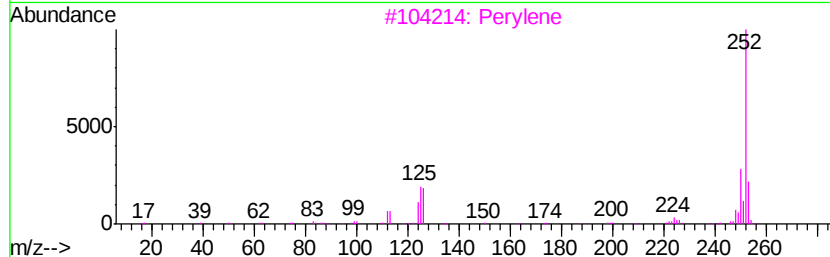
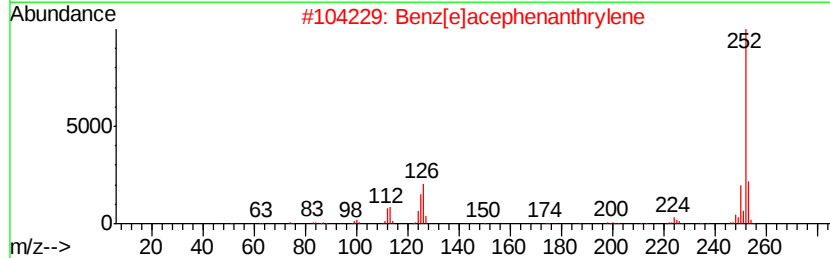
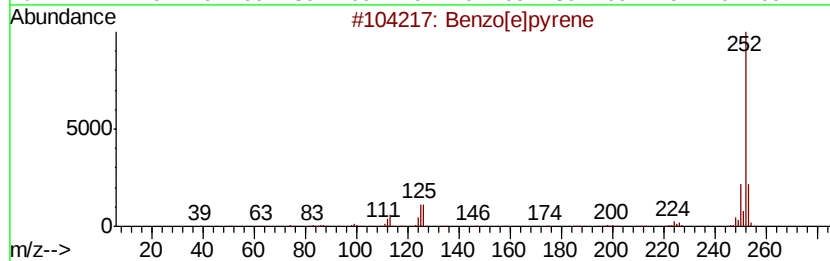
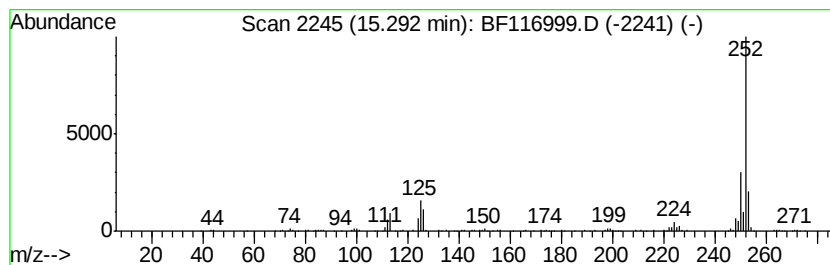
Instrument :
BNA_F
ClientSampleId :
OK-01-091119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	8.13 ng	217236	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	94
3	Perylene	252 C20H12	000198-55-0	91
4	Benzo[k]fluoranthene	252 C20H12	000207-08-9	91
5	Benzo[a]pyrene	252 C20H12	000050-32-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116999.D
Acq On : 12 Sep 2019 18:29
Operator : HP/JU
Sample : K4663-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-091119

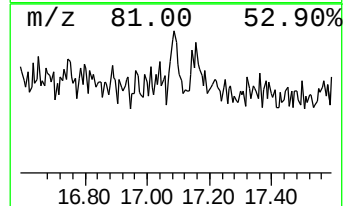
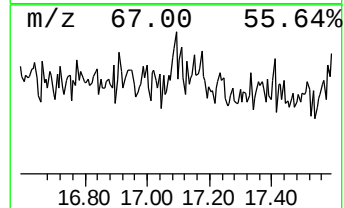
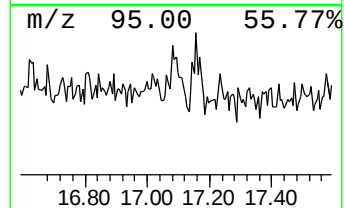
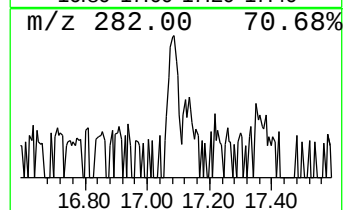
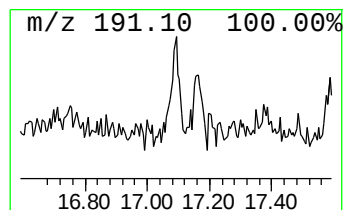
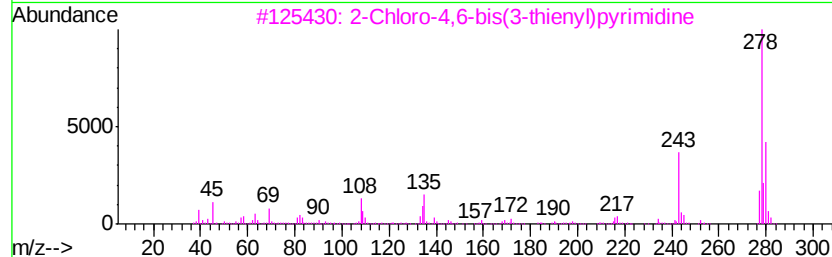
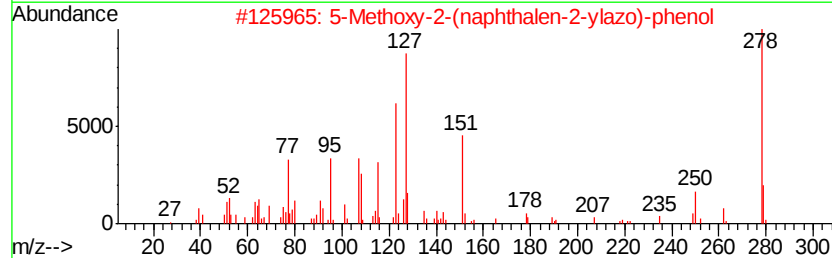
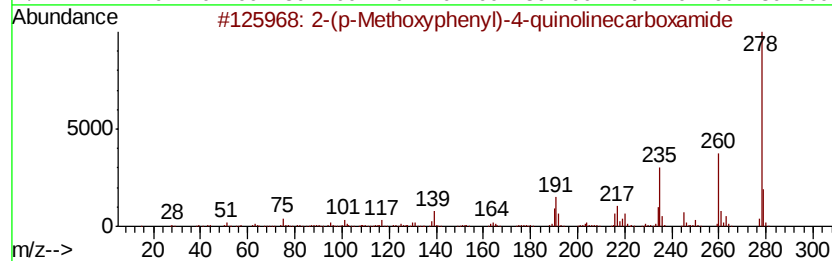
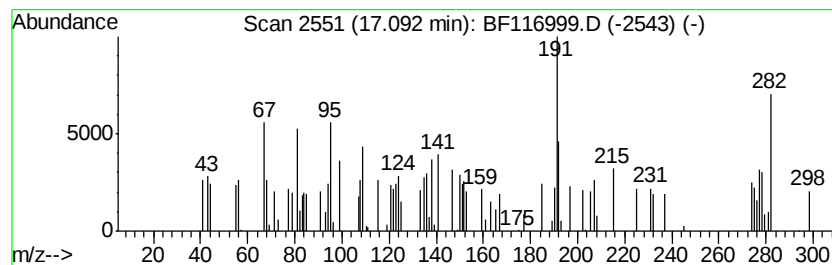
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown17.09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	2.96 ng	79165	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(p-Methoxyphenyl)-4-quinolinecarboxamide	278	C17H14N2O2	051842-82-1	38
2		5-Methoxy-2-(naphthalen-2-ylazo)-phenol	278	C17H14N2O2	1000189-86-2	25
3		2-Chloro-4,6-bis(3-thienyl)pyrimidine	278	C12H7ClN2S2	131022-83-8	22
4		Indeno[2,1-b]pyran, 2-(4-chlorophenyl)-	278	C18H11ClO	062096-34-8	18
5		2-Phenylamino-5,6(4H)dihydro-1,3-dioxine	192	C10H12N2S	1000147-35-4	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091219\
Data File : BF116999.D
Acq On : 12 Sep 2019 18:29
Operator : HP/JU
Sample : K4663-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-091119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.59	6.59	37.4	ng	805088	1	6.82	430130	20.0
Anthracene, 9-met...	11.86	2.4	ng	71644	4	11.33	608759	20.0
Anthra(1,2-b)thio...	13.72	2.0	ng	78552	5	13.97	775345	20.0
Benzo[e]pyrene	15.29	8.1	ng	217236	6	15.42	534181	20.0
unknown17.09	17.09	3.0	ng	79165	6	15.42	534181	20.0