

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080619\
 Data File : BF116031.D
 Acq On : 6 Aug 2019 23:22
 Operator : HP/JU
 Sample : K4164-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2000030

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-BF073019.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	5.463	571	574	596	rVB	1824300	1868414	76.71%	6.887%
2	6.475	742	746	766	rBV	1951924	2021114	82.98%	7.449%
3	6.610	766	769	778	rBV	2182901	2060677	84.61%	7.595%
4	6.840	805	808	817	rBV	772388	702272	28.83%	2.588%
5	6.998	831	835	851	rBV	1941805	1673203	68.70%	6.167%
6	7.404	900	904	920	rBV	1153076	1299005	53.33%	4.788%
7	8.122	1022	1026	1048	rBV	917116	945552	38.82%	3.485%
8	8.845	1146	1149	1156	rBV	19903	25489	1.05%	0.094%
9	9.192	1205	1208	1220	rBV	2536124	2435589	100.00%	8.977%
10	9.592	1273	1276	1285	rVB	222809	251215	10.31%	0.926%
11	9.739	1298	1301	1304	rBV	31379	27119	1.11%	0.100%
12	9.875	1320	1324	1328	rBV	1174164	1013922	41.63%	3.737%
13	9.904	1328	1329	1339	rVB	57387	62199	2.55%	0.229%
14	10.086	1354	1360	1364	rBV2	22137	28447	1.17%	0.105%
15	10.281	1390	1393	1395	rBV	37020	36002	1.48%	0.133%
16	10.428	1414	1418	1424	rBV	32859	42232	1.73%	0.156%
17	10.663	1455	1458	1470	rBV	1038019	1144004	46.97%	4.217%
18	10.775	1475	1477	1478	rBV	32590	26390	1.08%	0.097%
19	10.792	1478	1480	1486	rVB3	43124	48829	2.00%	0.180%
20	10.863	1486	1492	1495	rBV5	13274	25612	1.05%	0.094%
21	11.175	1541	1545	1549	rBV2	24767	33579	1.38%	0.124%
22	11.222	1549	1553	1556	rBV3	84880	84934	3.49%	0.313%
23	11.363	1573	1577	1579	rBV	1050154	980214	40.25%	3.613%
24	11.386	1579	1581	1587	rVV	403741	371575	15.26%	1.370%
25	11.439	1587	1590	1593	rVB	75711	77337	3.18%	0.285%
26	11.598	1614	1617	1624	rBV2	36202	62324	2.56%	0.230%
27	11.651	1624	1626	1630	rVB2	43180	37008	1.52%	0.136%
28	11.863	1659	1662	1665	rBV	53834	53518	2.20%	0.197%
29	11.892	1665	1667	1673	rVV2	80657	84076	3.45%	0.310%
30	11.945	1673	1676	1678	rVV	31410	34063	1.40%	0.126%
31	11.975	1678	1681	1684	rVV	118786	132670	5.45%	0.489%
32	11.998	1684	1685	1689	rVB	57476	39958	1.64%	0.147%
33	12.057	1692	1695	1700	rBV2	33655	36546	1.50%	0.135%
34	12.157	1709	1712	1715	rBV	54597	55607	2.28%	0.205%

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35	12.192	1716	1718	1723	rVB	33687	35689	1.47%	0.132%
36	12.339	1740	1743	1745	rBV	35342	29355	1.21%	0.108%
37	12.410	1752	1755	1758	rBV	62561	68339	2.81%	0.252%
38	12.445	1758	1761	1764	rVV4	49941	57230	2.35%	0.211%
39	12.504	1769	1771	1775	rVB2	44850	48355	1.99%	0.178%
40	12.574	1779	1783	1788	rBV	859201	718037	29.48%	2.647%
41	12.669	1796	1799	1803	rBV3	36111	34922	1.43%	0.129%
42	12.727	1806	1809	1812	rVV3	34235	33831	1.39%	0.125%
43	12.804	1817	1822	1828	rVV	706568	807227	33.14%	2.975%
44	12.857	1829	1831	1835	rVB2	42226	42964	1.76%	0.158%
45	12.939	1841	1845	1849	rBV	2325914	2146292	88.12%	7.911%
46	13.033	1856	1861	1864	rBV3	60041	92227	3.79%	0.340%
47	13.127	1871	1877	1881	rBV2	166776	220682	9.06%	0.813%
48	13.169	1882	1884	1887	rBV2	33313	35997	1.48%	0.133%
49	13.198	1887	1889	1892	rBV	60819	47847	1.96%	0.176%
50	13.239	1893	1896	1900	rVV2	64906	73872	3.03%	0.272%
51	13.316	1907	1909	1913	rBV2	65113	86638	3.56%	0.319%
52	13.416	1924	1926	1930	rVB4	40389	44378	1.82%	0.164%
53	13.516	1940	1943	1944	rBV2	59274	59066	2.43%	0.218%
54	13.757	1981	1984	1986	rBV	64368	70500	2.89%	0.260%
55	13.821	1990	1995	1997	rBV2	71240	122126	5.01%	0.450%
56	13.857	1999	2001	2004	rVB	58806	56342	2.31%	0.208%
57	13.998	2018	2025	2028	rBV2	1039000	1409575	57.87%	5.195%
58	14.027	2028	2030	2038	rVB	423381	402287	16.52%	1.483%
59	14.157	2050	2052	2057	rBV3	58029	63344	2.60%	0.233%
60	15.039	2199	2202	2209	rBV	341479	634631	26.06%	2.339%
61	15.339	2250	2253	2260	rVB	212550	274511	11.27%	1.012%
62	15.404	2261	2264	2270	rVB	328078	400898	16.46%	1.478%
63	15.468	2270	2275	2279	rBV	749393	989970	40.65%	3.649%
64	16.939	2521	2525	2533	rVB	113973	203265	8.35%	0.749%

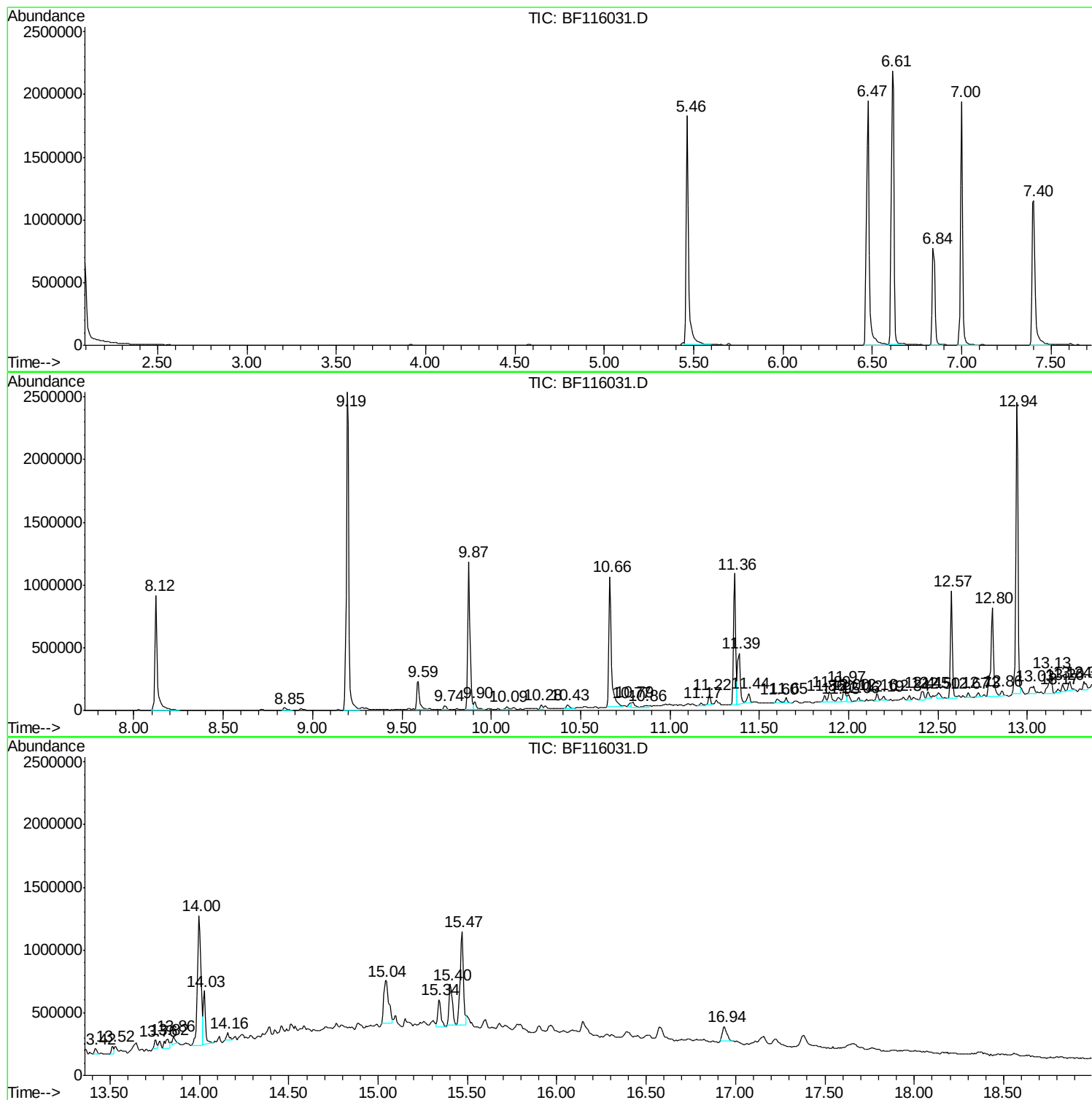
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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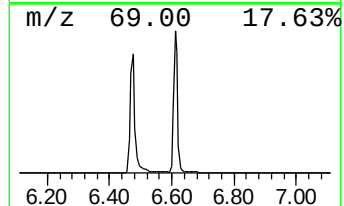
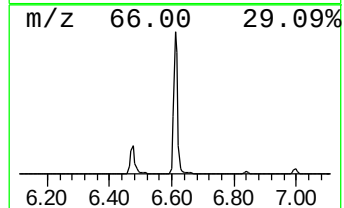
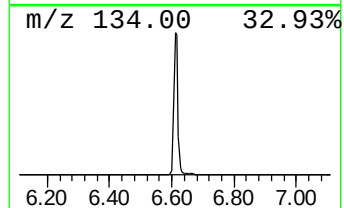
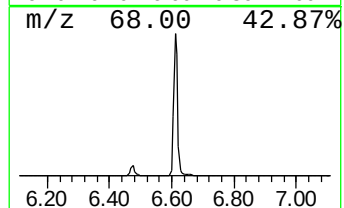
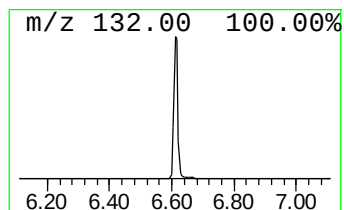
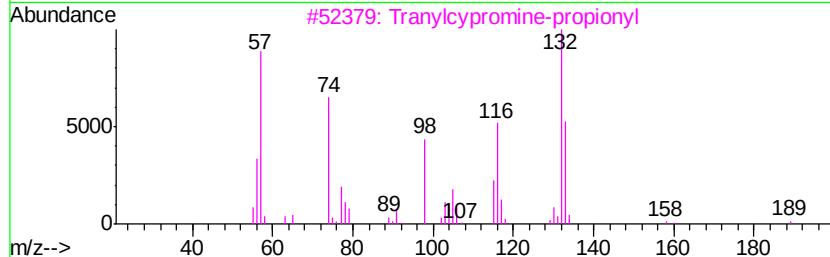
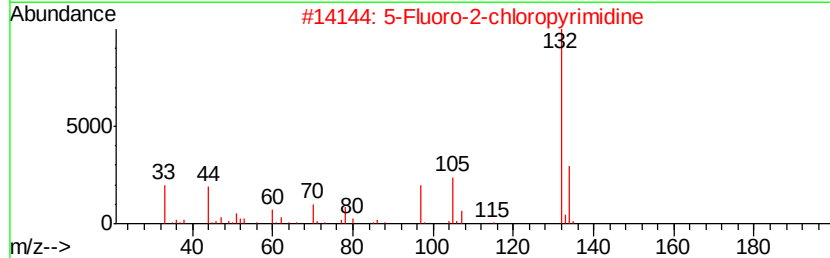
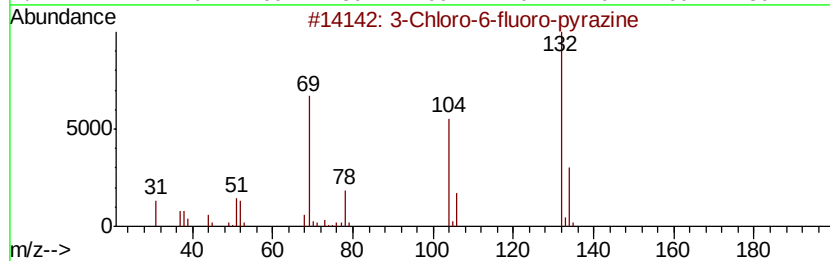
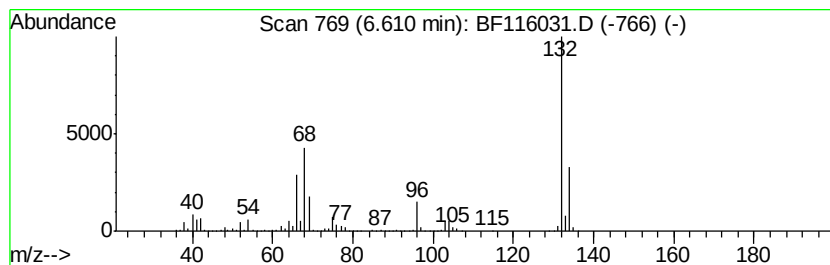
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	58.69 ng	2060680	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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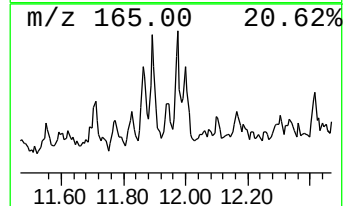
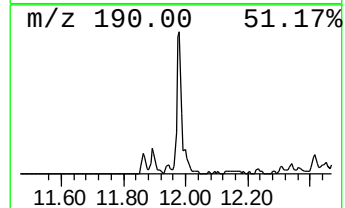
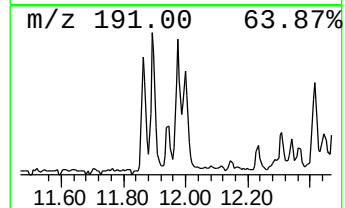
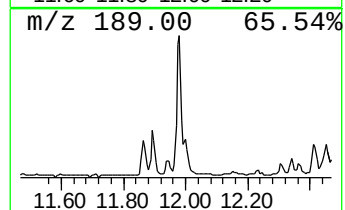
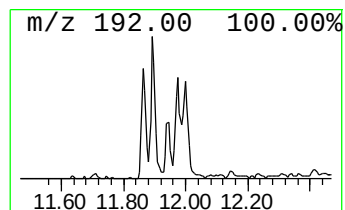
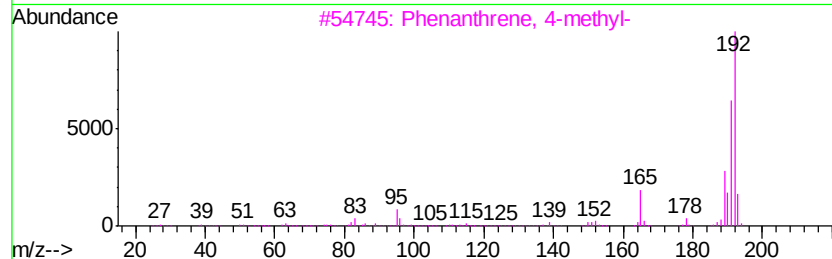
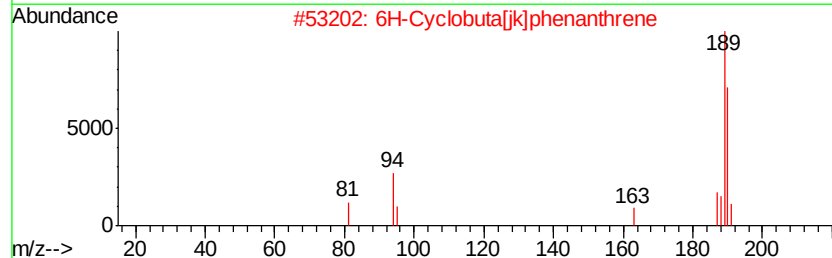
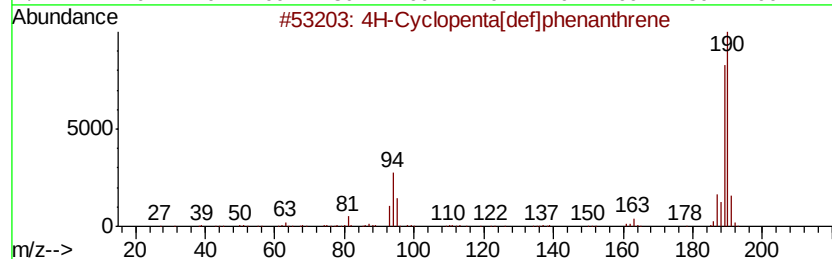
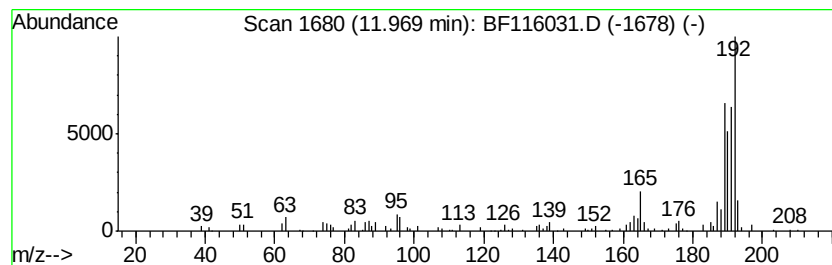
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.71 ng	132670	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	30



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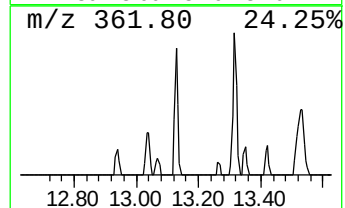
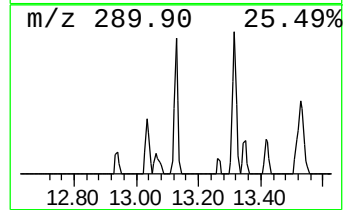
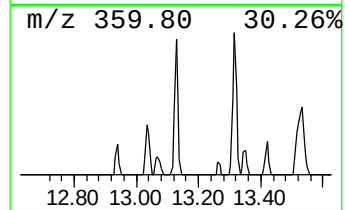
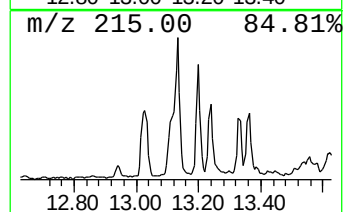
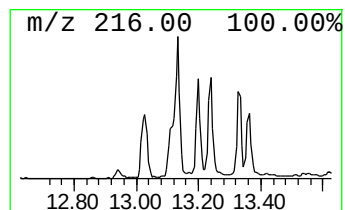
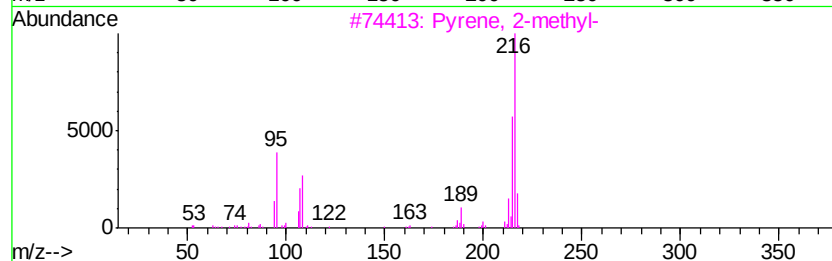
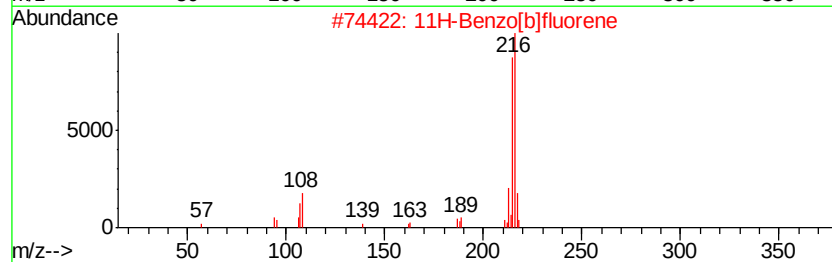
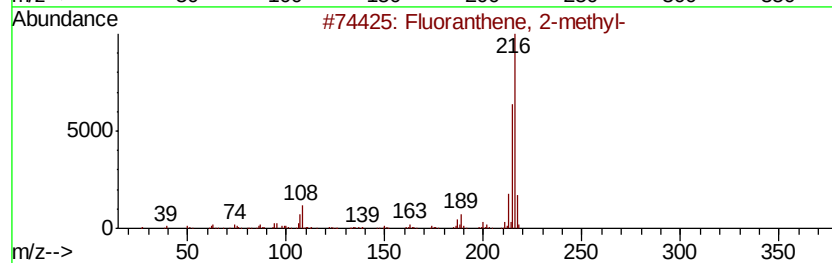
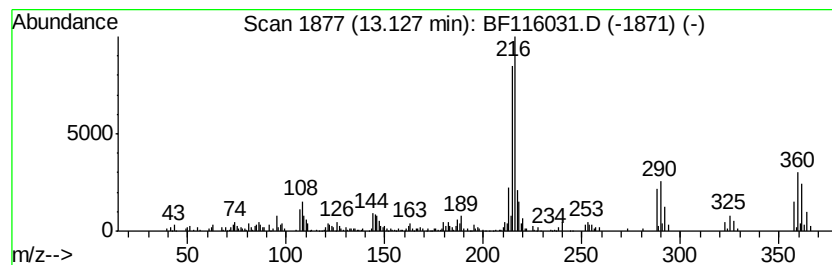
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.13	3.13 ng	220682	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60



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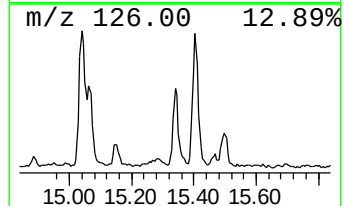
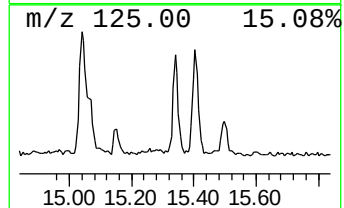
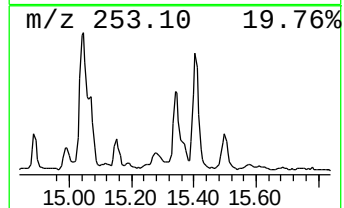
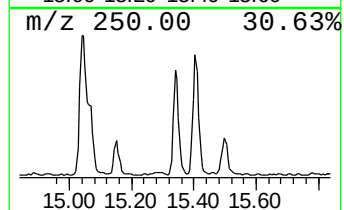
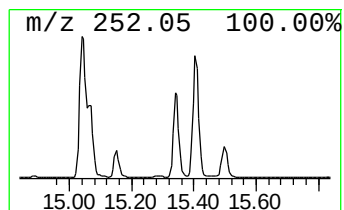
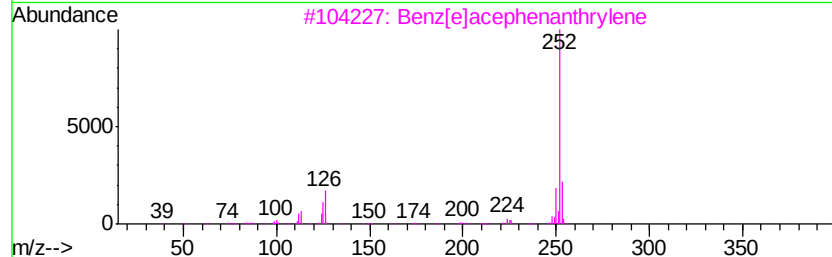
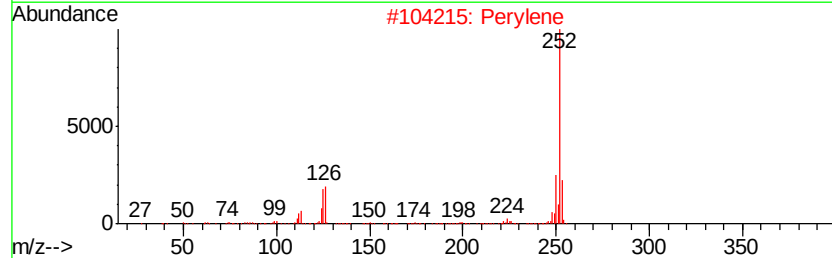
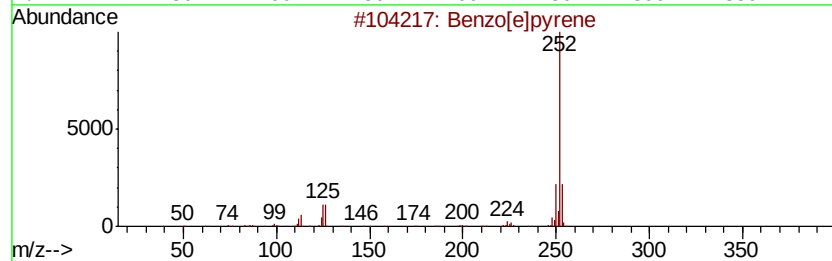
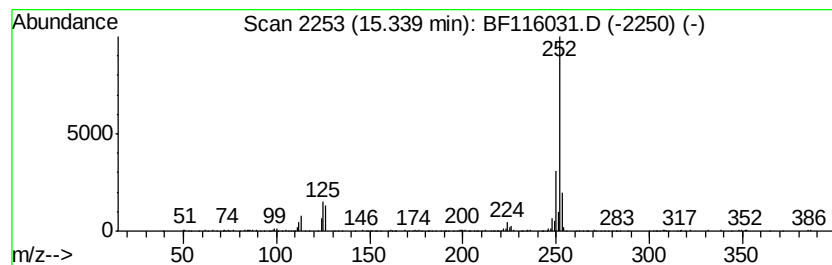
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.55 ng	274511	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[i]lfluoranthene	252	C20H12	000205-82-3	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.61	6.61	58.7	ng	2060680	1	6.84	702272	20.0
4H-Cyclopenta[def...	11.97	2.7	ng	132670	4	11.36	980214	20.0
Fluoranthene, 2-m...	13.13	3.1	ng	220682	5	14.00	1409580	20.0
Benzo[e]pyrene	15.34	5.5	ng	274511	6	15.47	989970	20.0