

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
 Data File : BM008421.D
 Acq On : 17 Dec 2016 20:49
 Operator : UM/SJ
 Sample : H6067-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	107	112	120	rBV	373300	472165	6.14%	0.927%
2	6.851	720	725	740	rBV2	234268	591539	7.70%	1.161%
3	7.004	746	751	764	rBV	219678	373443	4.86%	0.733%
4	7.198	778	784	799	rBV	301087	529572	6.89%	1.040%
5	7.657	857	862	872	rBV	448798	757159	9.85%	1.486%
6	8.381	979	985	1000	rBV	277546	573030	7.45%	1.125%
7	8.822	1054	1060	1078	rBV	262372	515090	6.70%	1.011%
8	9.539	1176	1182	1199	rBV	216409	421236	5.48%	0.827%
9	10.086	1269	1275	1294	rBV	234853	604375	7.86%	1.186%
10	10.433	1326	1334	1341	rBV	602491	1045167	13.60%	2.052%
11	10.610	1358	1364	1385	rBV	117577	342895	4.46%	0.673%
12	13.716	1882	1892	1897	rBV	635116	1002990	13.05%	1.969%
13	13.769	1897	1901	1907	rVB	182466	282847	3.68%	0.555%
14	13.992	1932	1939	1943	rBV	753256	1230879	16.01%	2.416%
15	14.298	1985	1991	1999	rBV	916402	1340642	17.44%	2.632%
16	14.604	2038	2043	2051	rBV4	41288	134094	1.74%	0.263%
17	15.298	2155	2161	2169	rBV	951872	1448596	18.85%	2.844%
18	15.468	2184	2190	2198	rBV2	151150	292767	3.81%	0.575%
19	15.545	2200	2203	2214	rVB9	31406	83099	1.08%	0.163%
20	16.010	2278	2282	2293	rBV4	64299	147813	1.92%	0.290%
21	17.057	2453	2460	2465	rBV2	1085983	1594915	20.75%	3.131%
22	17.157	2471	2477	2481	rBV	1024291	1567218	20.39%	3.076%
23	17.192	2481	2483	2493	rVB	214737	296692	3.86%	0.582%
24	17.945	2606	2611	2615	rBV4	100723	156997	2.04%	0.308%
25	18.133	2638	2643	2648	rBV7	46758	96159	1.25%	0.189%
26	19.003	2787	2791	2799	rBV3	50791	102394	1.33%	0.201%
27	19.121	2807	2811	2819	rVB	147363	202627	2.64%	0.398%
28	19.274	2834	2837	2841	rBV	63089	81706	1.06%	0.160%
29	19.456	2863	2868	2872	rBV	1466802	2097500	27.29%	4.117%
30	20.086	2972	2975	2979	rBV	105248	120997	1.57%	0.238%
31	20.286	3005	3009	3012	rBV	122469	162562	2.11%	0.319%
32	20.950	3119	3122	3125	rBV3	182156	228065	2.97%	0.448%
33	21.162	3153	3158	3162	rBV	6767575	7686622	100.00%	15.088%
34	21.250	3167	3173	3178	rVV2	1794563	3318730	43.18%	6.514%

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35	21.292	3178	3180	3190	rVB	778906	966793	12.58%	1.898%
36	22.821	3434	3440	3444	rBV	1685767	3550771	46.19%	6.970%
37	22.986	3465	3468	3473	rVB	355616	544526	7.08%	1.069%
38	23.291	3515	3520	3524	rBV	1336124	2399146	31.21%	4.709%
39	23.344	3524	3529	3532	rVV2	1060448	2007712	26.12%	3.941%
40	23.386	3532	3536	3543	rVB	1440666	2517549	32.75%	4.942%
41	23.480	3547	3552	3557	rVV	1098660	2131691	27.73%	4.184%
42	23.533	3557	3561	3568	rVB2	603805	1154440	15.02%	2.266%
43	25.715	3925	3932	3941	rVB	1167406	3236499	42.11%	6.353%
44	26.409	4041	4050	4064	rVB2	799114	2532229	32.94%	4.971%

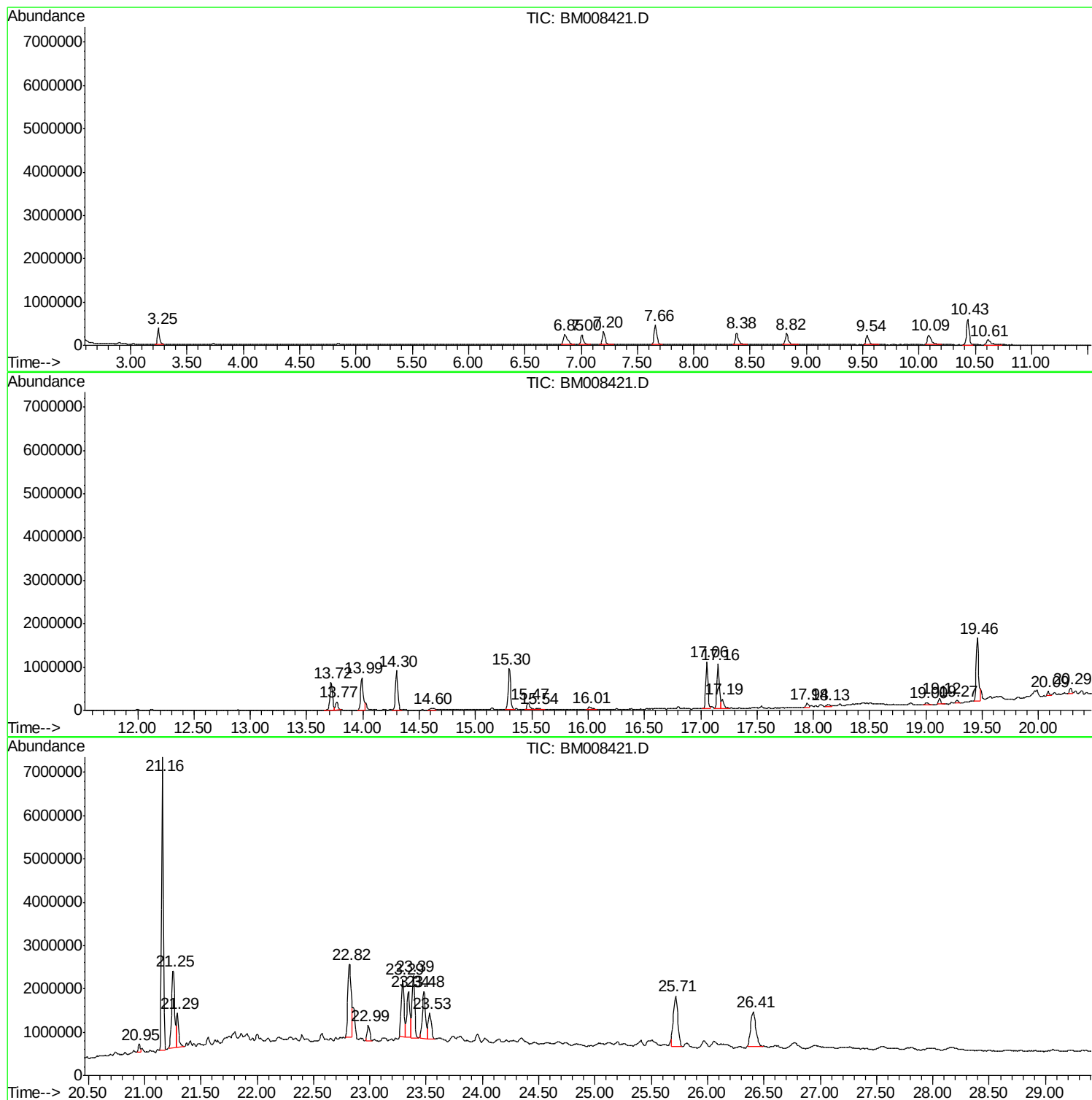
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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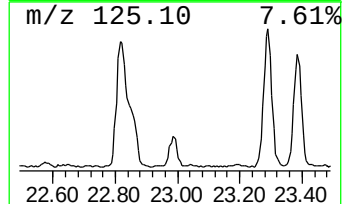
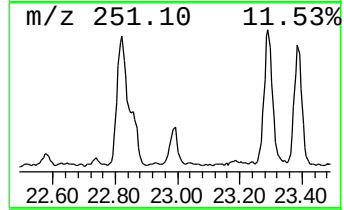
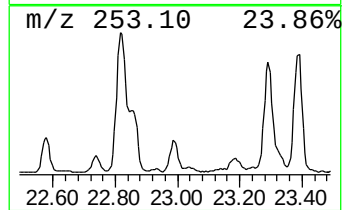
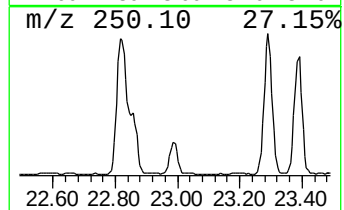
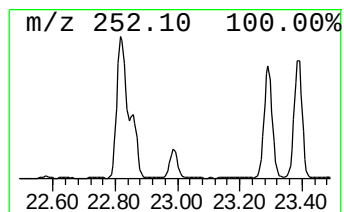
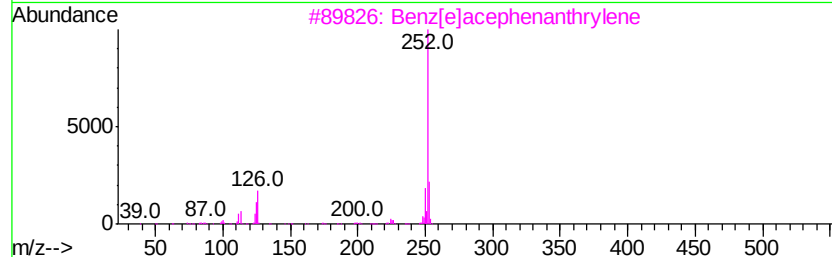
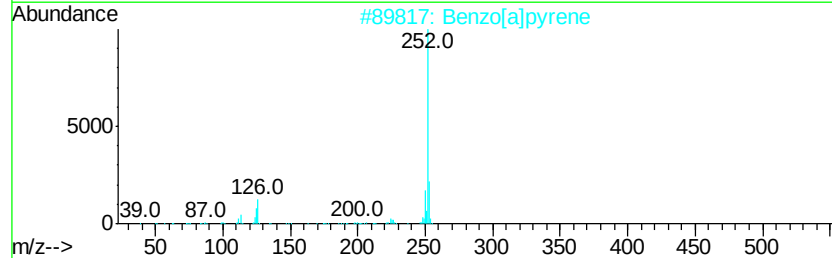
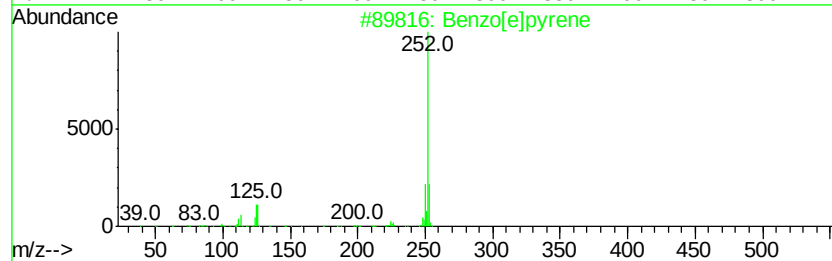
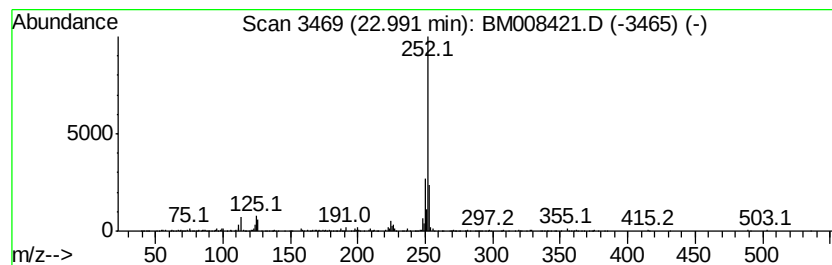
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Peak Number 1 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	5.11 ng/ul	544526	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benzo[a]pyrene	252	C20H12	000050-32-8	90
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	89
4		Benzo[a]pyrene	252	C20H12	000050-32-8	76
5		Benzo[e]pyrene	252	C20H12	000192-97-2	76



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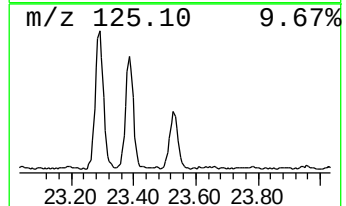
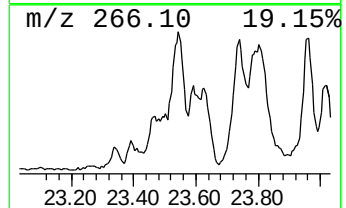
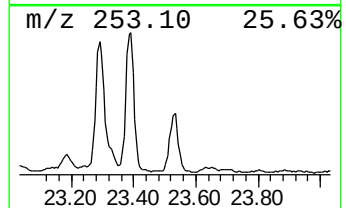
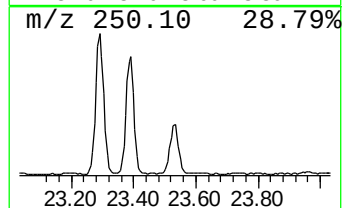
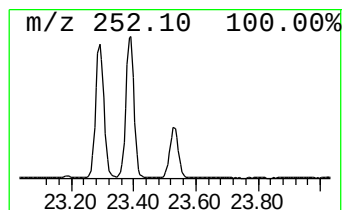
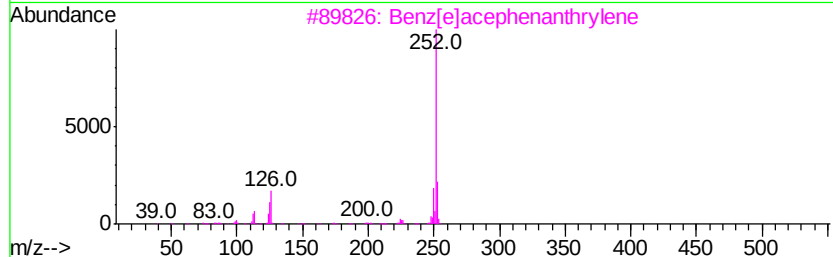
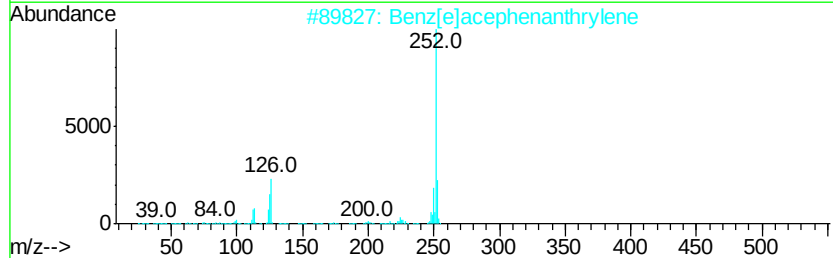
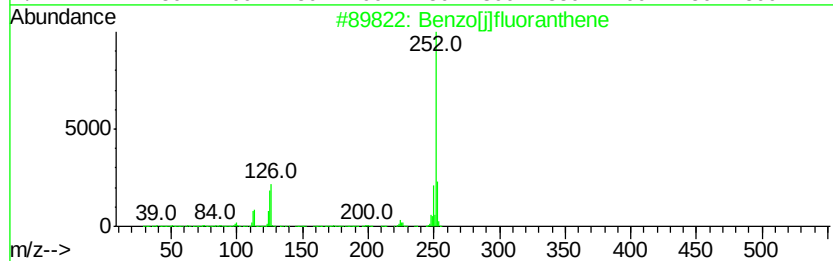
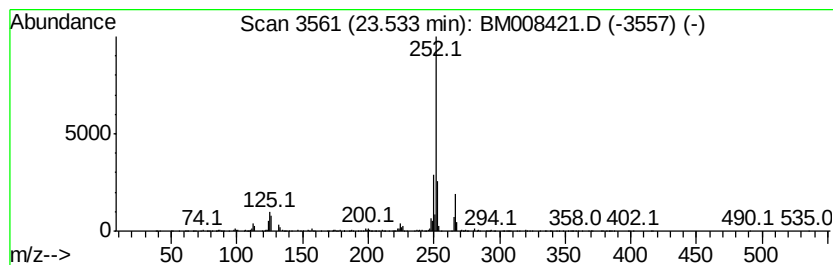
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Peak Number 3 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	10.83 ng/ul	1154440	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
5		Benzo[e]pyrene	252	C20H12	000192-97-2	92



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzo[e]pyrene	22.99	5.1	ng/ul	544526	6	23.48	2131690	20.0
Benzo[j]fluoranthene	23.53	10.8	ng/ul	1154440	6	23.48	2131690	20.0