Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022823.D
Acq On : 30 Sep 2019 13:51
Operator : JU
Sample : K4958-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNZ8

Quant Time: Oct 01 00:10:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	272018	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1204731	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	779757	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1625678	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1550207	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1339326	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	19201	3.05	ng/uL	0.00
5) Phenol-d5	6.97	99	362643	15.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	230290	17.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	321484	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	273714	13.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	161686	17.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	176419	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	337827	16.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	447009	18.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1166454	19.27	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1334865	19.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	135053	11.29	ng/ul	-0.01
58) Fluorene-d10	15.43	176	1016082	19.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	111583	10.55	ng/ul	-0.01
71) Anthracene-d10	17.28	188	1560327	19.65	ng/ul	0.00
79) Pyrene-d10	19.57	212	1865279	22.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1467212	21.18	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	56416	2.239	ng/ul	98
45) Dimethylphthalate	13.90	163	248893	4.004	ng/ul	99
70) Phenanthrene	17.22	178	183653	1.893	ng/ul	100
77) Fluoranthene	19.23	202	508194	4.657	ng/ul	97
80) Pyrene	19.60	202	416699	3.792	ng/ul	96
83) Benzo(a)anthracene	21.34	228	174881	1.571	ng/ul	98
85) Chrysene	21.40	228	210982	2.056	ng/ul	99
88) Benzo(b)fluoranthene	22.94	252	259009	2.914	ng/ul#	96
91) Benzo(a)pyrene	23.53	252	152870	1.833	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.92	276	104872	1.184	ng/ul	96
94) Benzo(g,h,i)perylene	26.62	276	107683	1.507	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SVOA CALIBRATION
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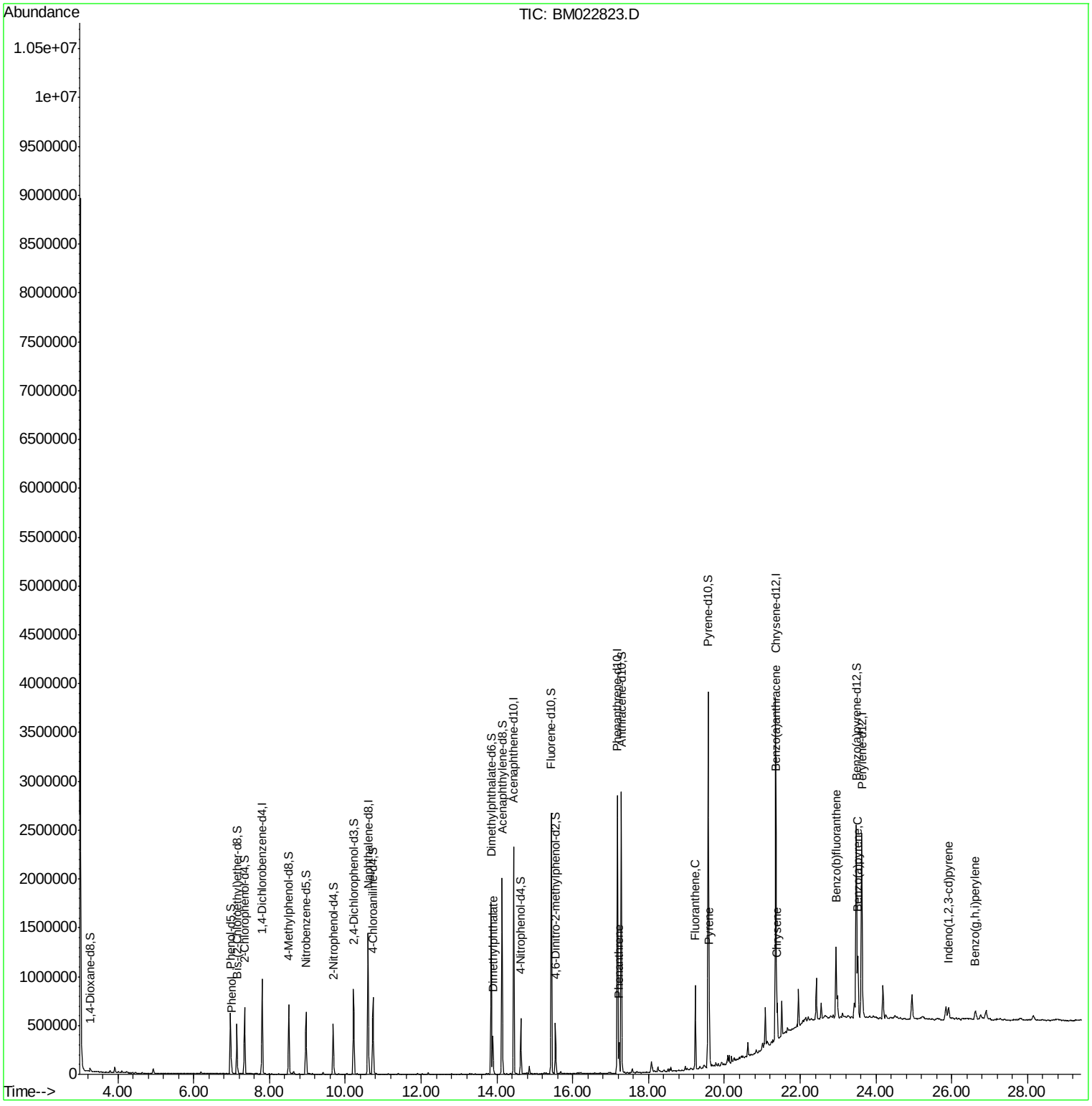
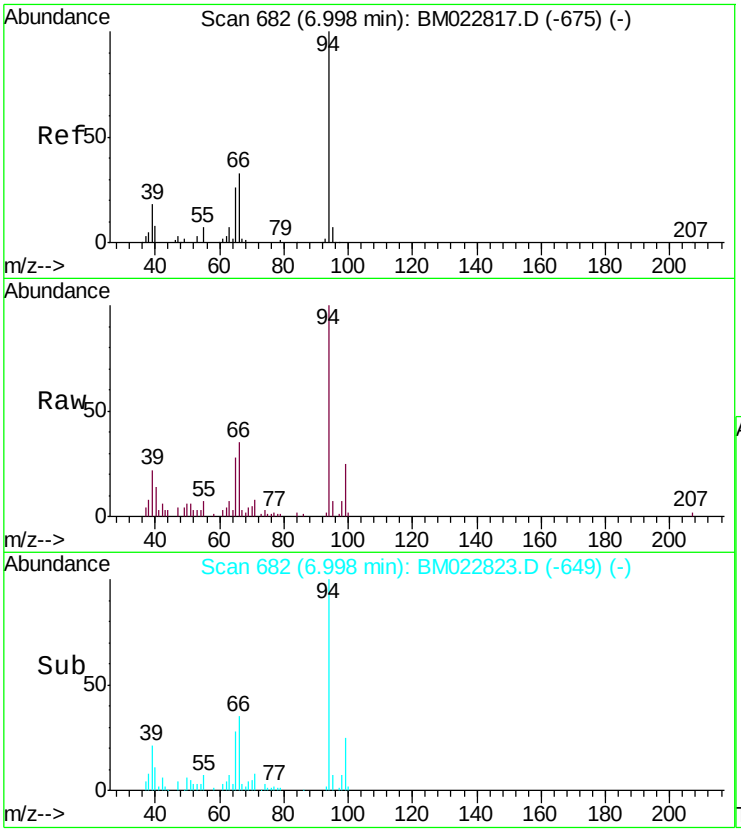


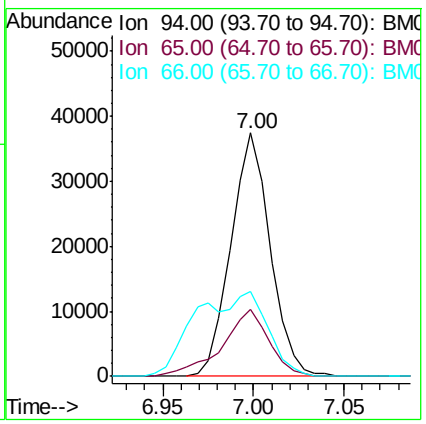


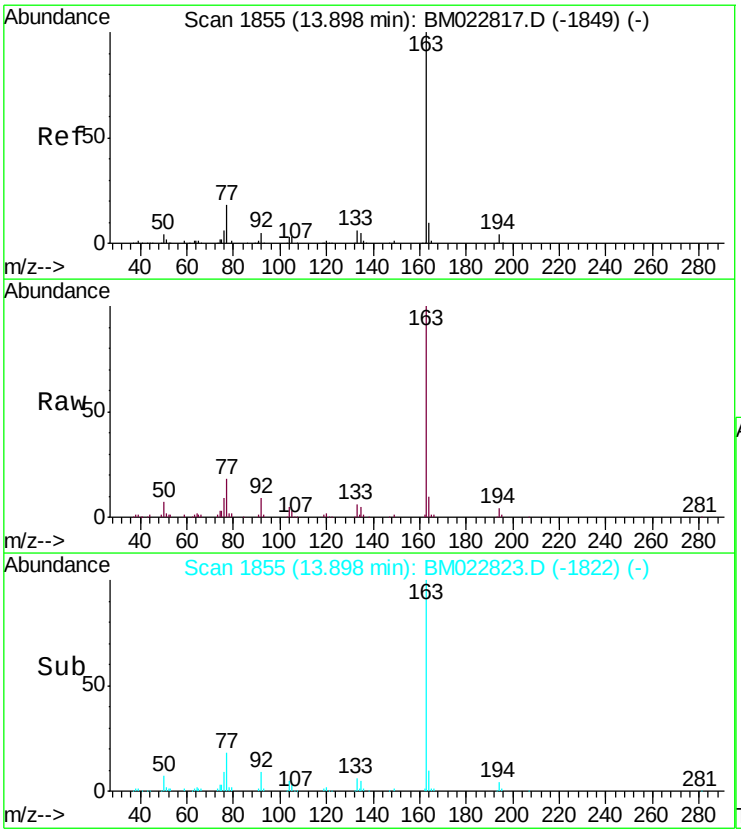
#6
Phenol
Concen: 2.239 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Instrument :
BNA_M
ClientSampleId :
ESNZ8

Tgt Ion: 94 Resp: 56416

Ion	Ratio	Lower	Upper
94	100		
65	27.8	20.9	31.3
66	35.1	27.2	40.8

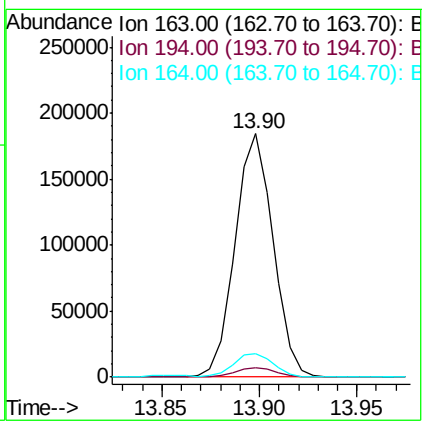


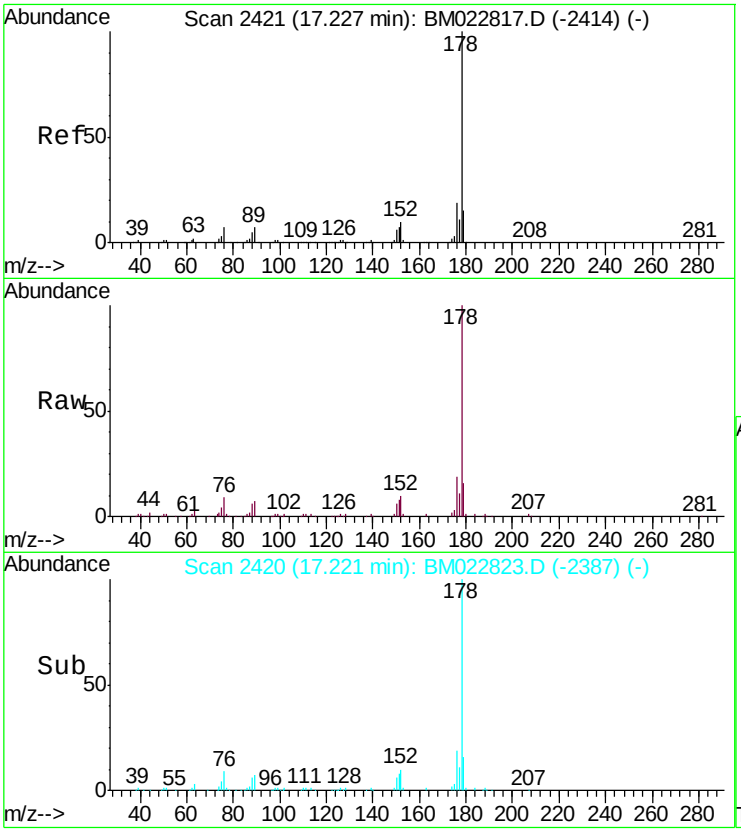


#45
Dimethylphthalate
Concen: 4.004 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Tgt Ion:163 Resp: 248893

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.8	8.1	12.1



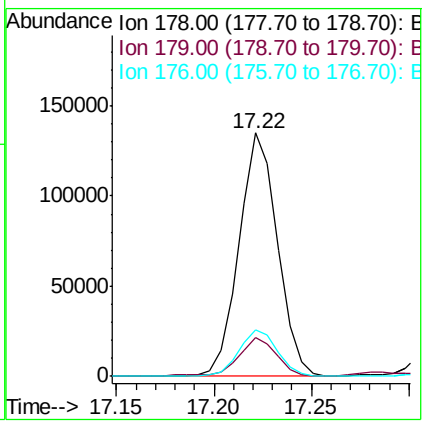


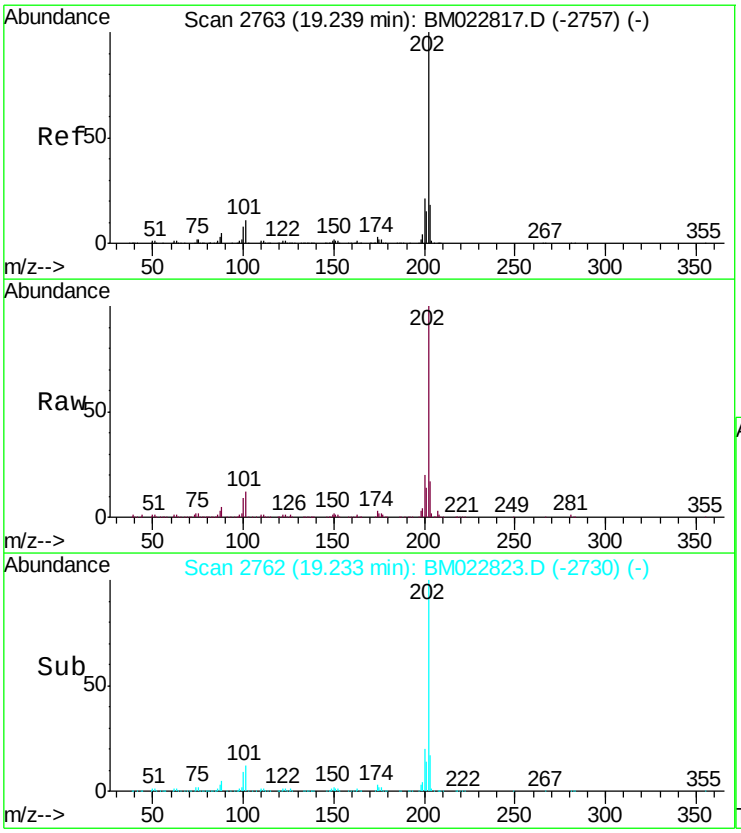
#70
Phenanthrene
Concen: 1.893 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Instrument :
BNA_M
ClientSampleId :
ESNZ8

Tgt Ion:178 Resp: 183653

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.0	15.3	22.9

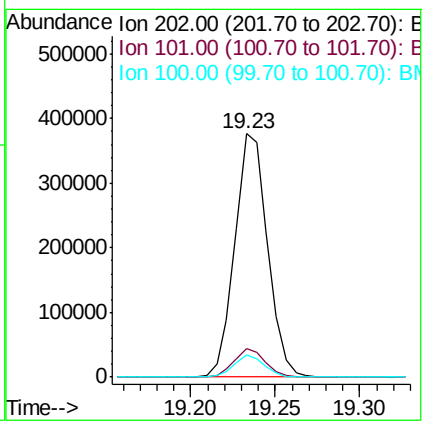


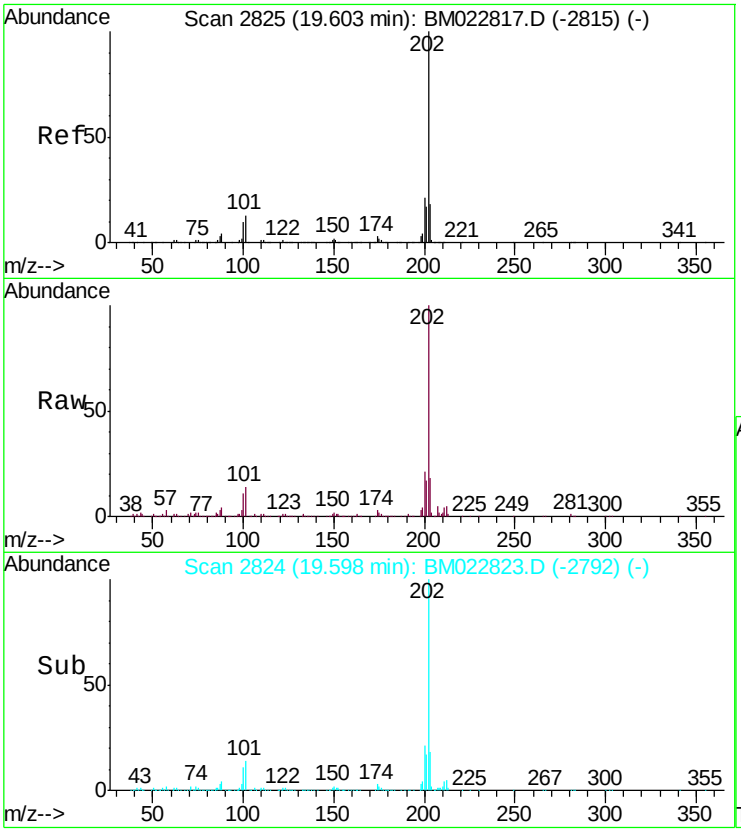


#77
Fluoranthene
Concen: 4.657 ng/ul
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Tgt Ion:202 Resp: 508194

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.6	12.8
100	9.0	6.4	9.6



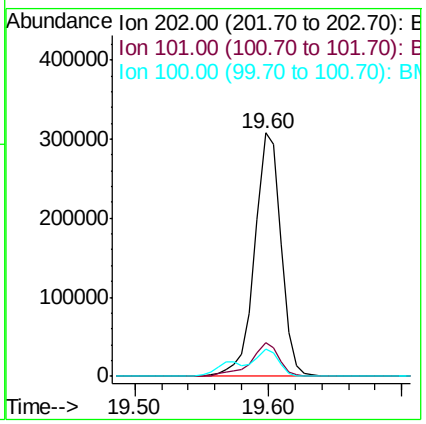


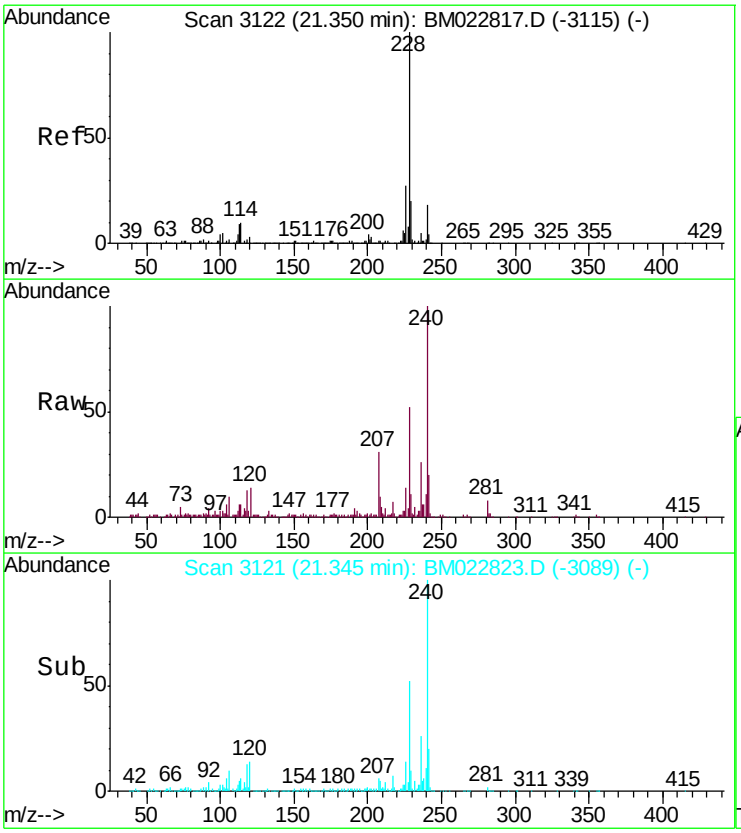
#80
Pyrene
Concen: 3.792 ng/ul
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Instrument :
BNA_M
ClientSampleId :
ESNZ8

Tgt Ion:202 Resp: 416699

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.7	14.5
100	11.3	7.8	11.8

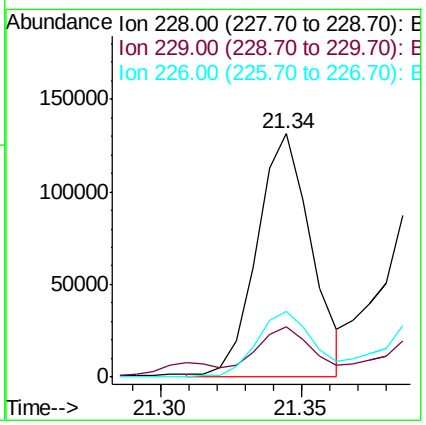


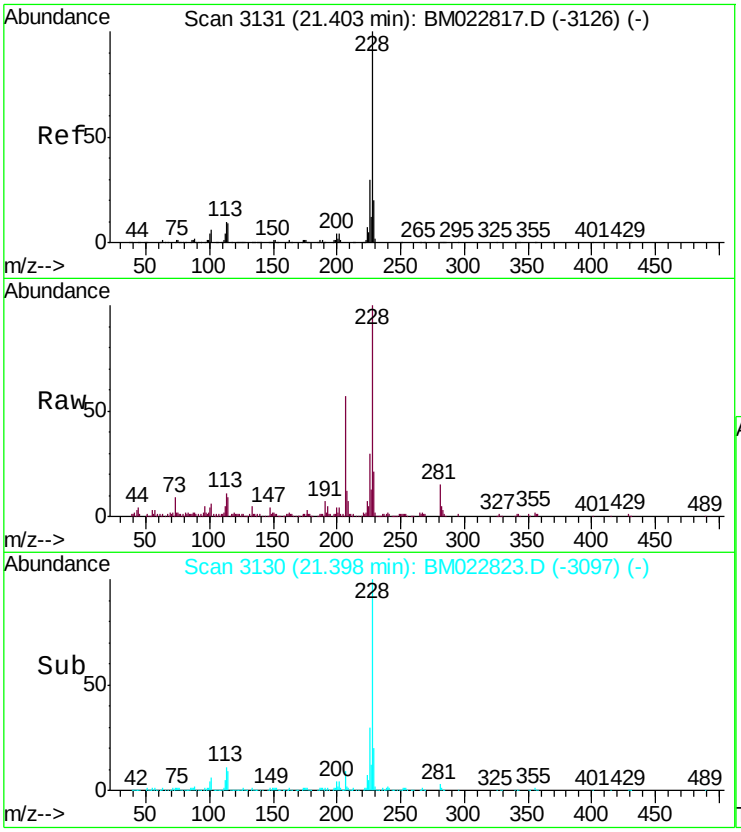


#83
Benzo(a)anthracene
Concen: 1.571 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Tgt Ion:228 Resp: 174881

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	26.8	22.4	33.6



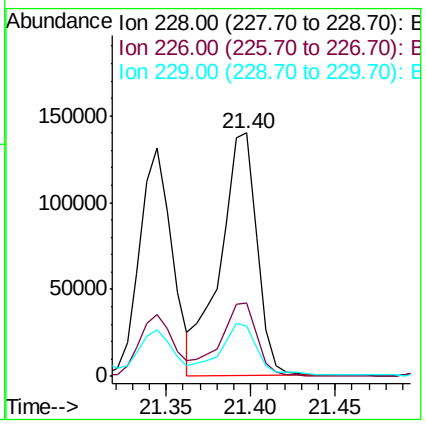


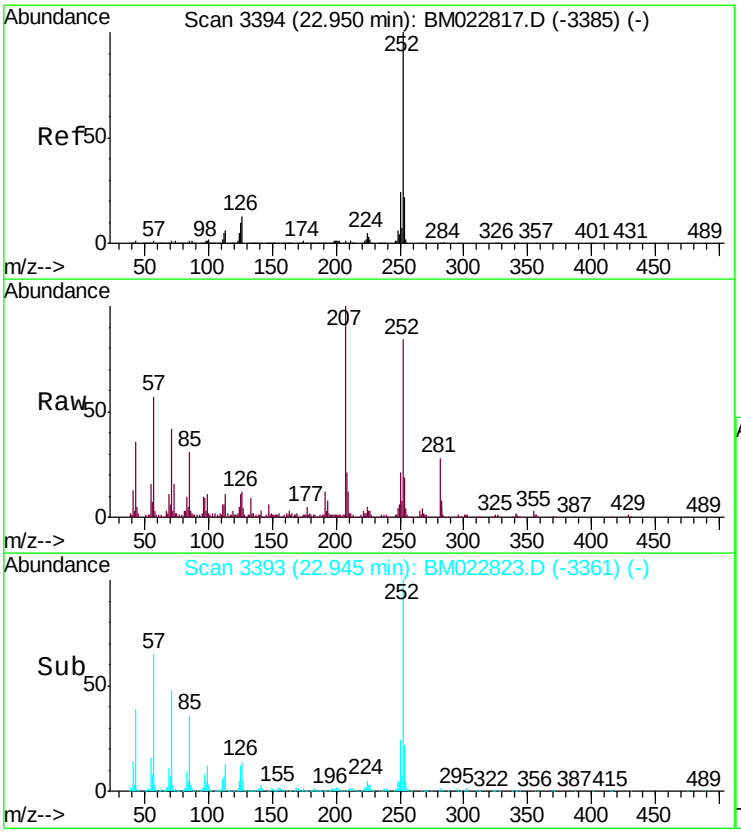
#85
Chrysene
Concen: 2.056 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Instrument :
BNA_M
ClientSampleId :
ESNZ8

Tgt Ion:228 Resp: 210982

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	20.6	15.9	23.9

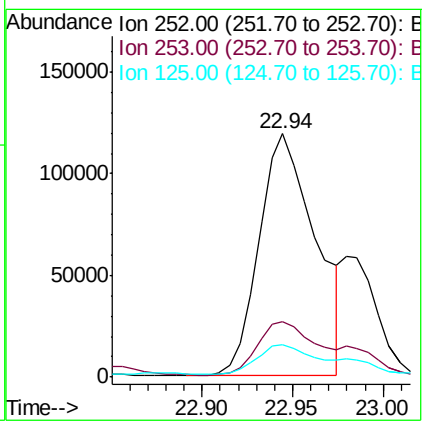


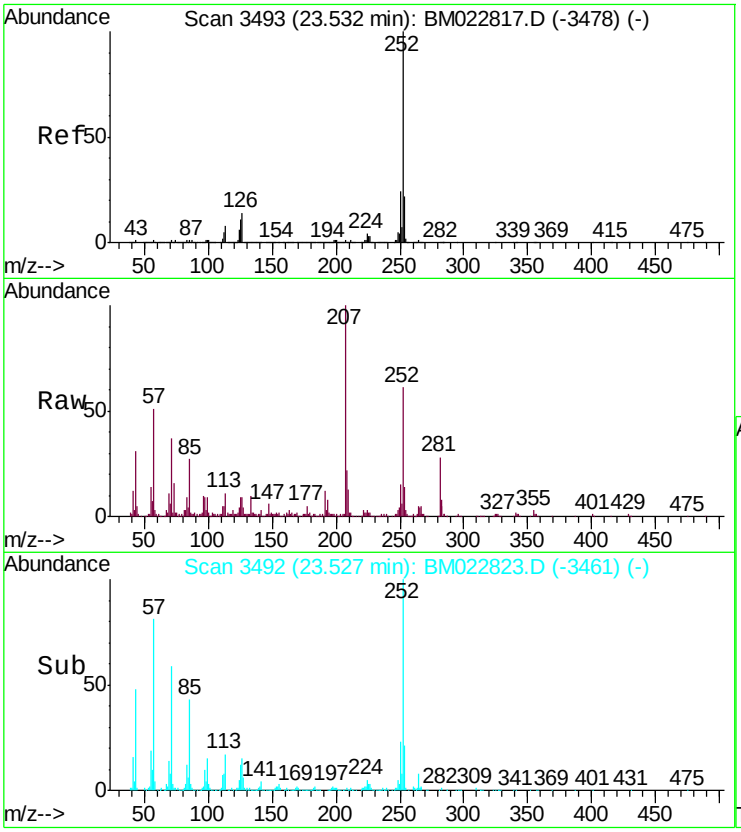


#88
Benzo(b)fluoranthene
Concen: 2.914 ng/ul
RT: 22.94 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Tgt Ion:252 Resp: 259009

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	13.3	8.2	12.2#



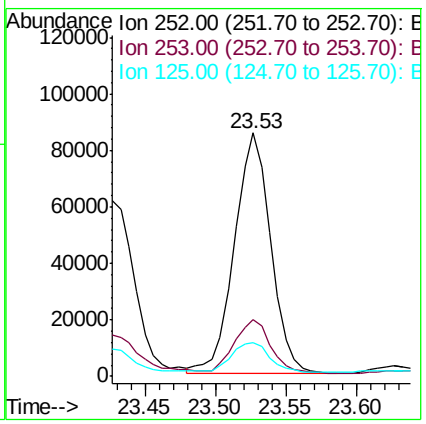


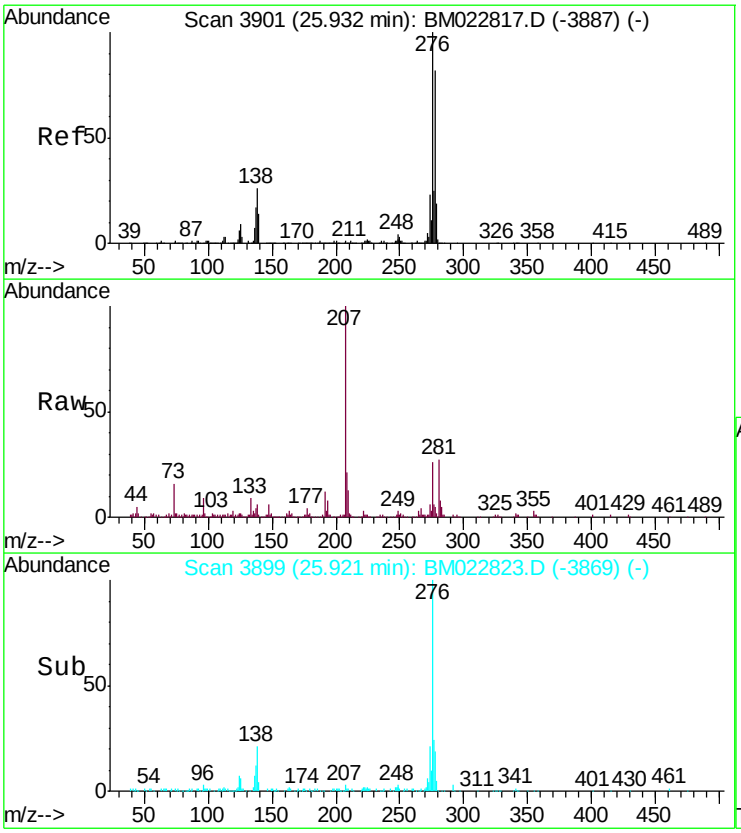
#91
Benzo(a)pyrene
Concen: 1.833 ng/ul
RT: 23.53 min Scan# 3492
Delta R.T. -0.02 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Instrument :
BNA_M
ClientSampleId :
ESNZ8

Tgt Ion:252 Resp: 152870

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	14.1	8.7	13.1#

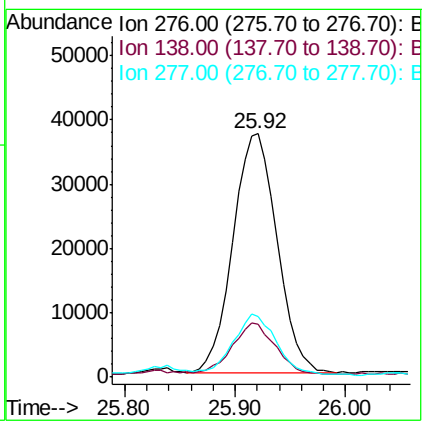


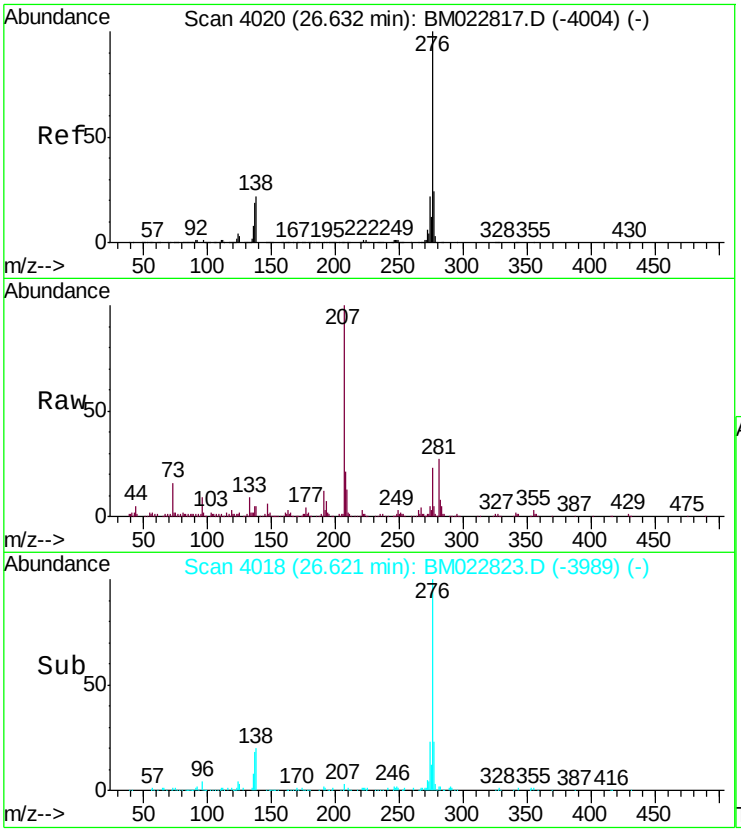


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.184 ng/ul
RT: 25.92 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Tgt Ion:276 Resp: 104872

Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.8	29.8
277	24.8	20.3	30.5





#94
Benzo(g,h,i)perylene
Concen: 1.507 ng/ul
RT: 26.62 min Scan# 4018
Delta R.T. -0.03 min
Lab File: BM022823.D
Acq: 30 Sep 2019 13:51

Instrument :
BNA_M
ClientSampleId :
ESNZ8

Tgt Ion:276 Resp: 107683

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.6	26.4
277	23.6	19.1	28.7