Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM093019\
Data File : BM022822.D
Acq On : 30 Sep 2019 13:15
Operator : JU
Sample : K4958-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 30 23:37:25 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	256898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1149704	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	744466	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1563740	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1542798	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1379071	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	15431	2.60	ng/uL	0.00
5) Phenol-d5	6.97	99	295979	13.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	189001	15.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	263892	14.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	246894	13.28	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	130187	14.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	137417	14.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	273067	14.15	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	348443	14.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	927812	16.06	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1057239	15.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	90227	7.90	ng/ul	-0.01
58) Fluorene-d10	15.43	176	816255	16.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	76357	7.50	ng/ul	0.00
71) Anthracene-d10	17.28	188	1277864	16.73	ng/ul	0.00
79) Pyrene-d10	19.57	212	1539582	18.54	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1271998	17.83	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	7.00	94	31324	1.316	ng/ul	97
45) Dimethylphthalate	13.90	163	285160	4.804	ng/ul	100
77) Fluoranthene	19.24	202	355248	3.384	ng/ul	99
80) Pyrene	19.60	202	312180	2.854	ng/ul	97
83) Benzo(a)anthracene	21.34	228	137582	1.242	ng/ul	99
85) Chrysene	21.40	228	210318	2.059	ng/ul	99
88) Benzo(b)fluoranthene	22.94	252	328140	3.586	ng/ul	97
89) Benzo(k)fluoranthene	22.94	252	328140	3.748	ng/ul#	97
91) Benzo(a)pyrene	23.53	252	177398	2.066	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.92	276	154235	1.691	ng/ul	96
94) Benzo(g,h,i)perylene	26.62	276	157565	2.142	ng/ul	98

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

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Acq On : 30 Sep 2019 13:15
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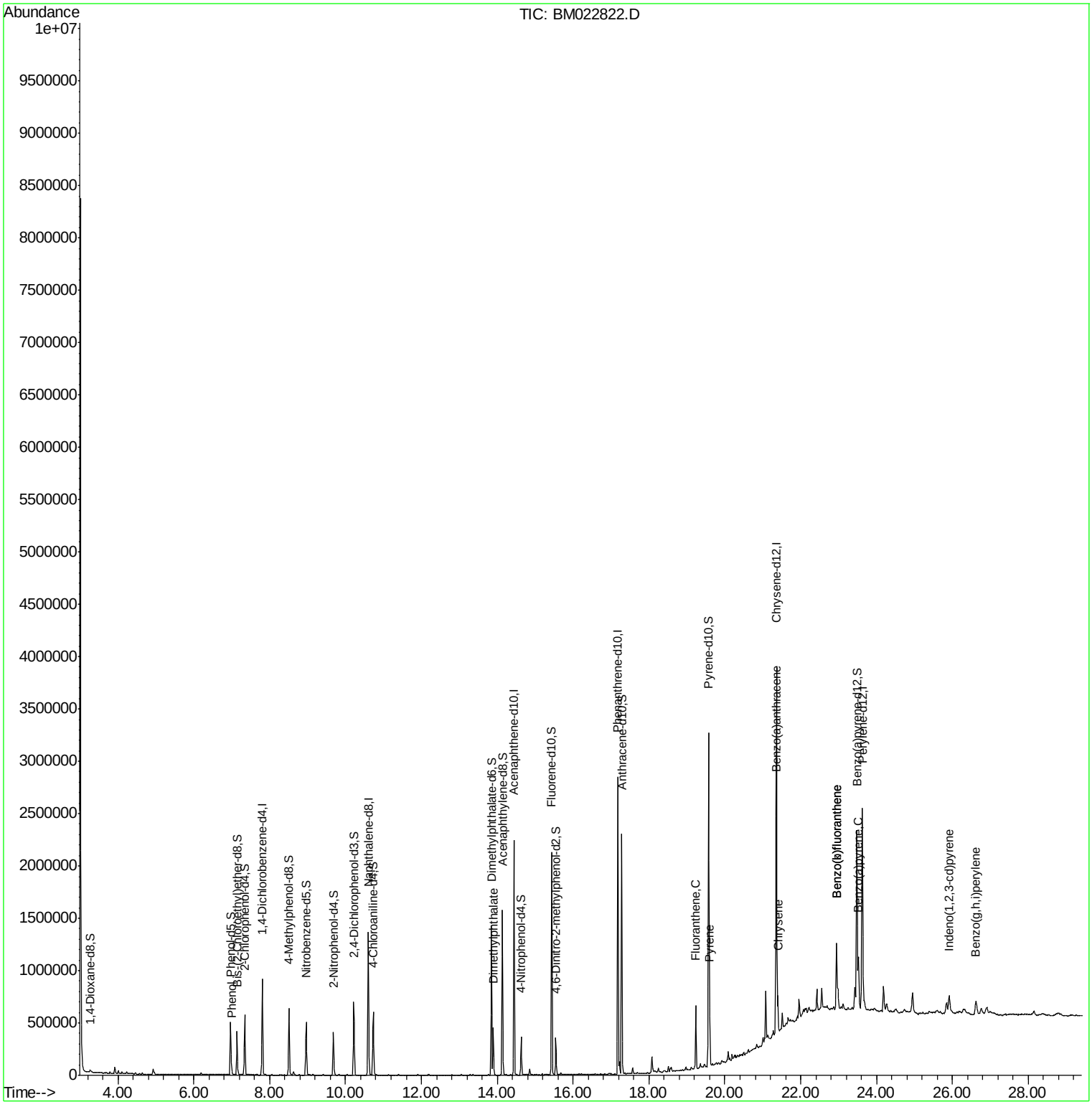
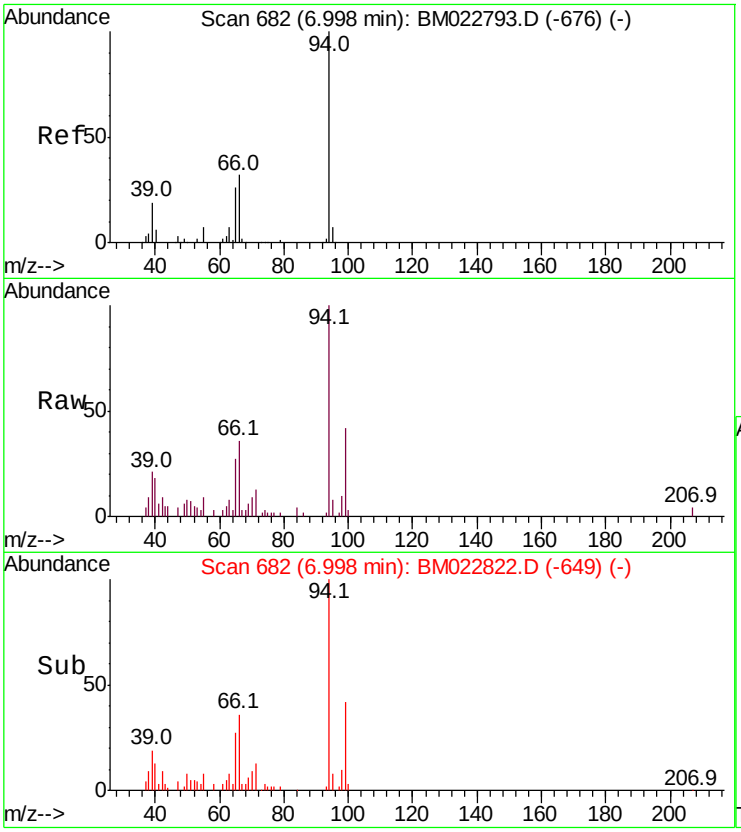
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 30 23:37:25 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



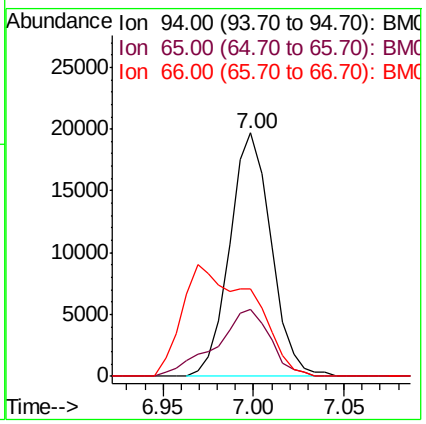


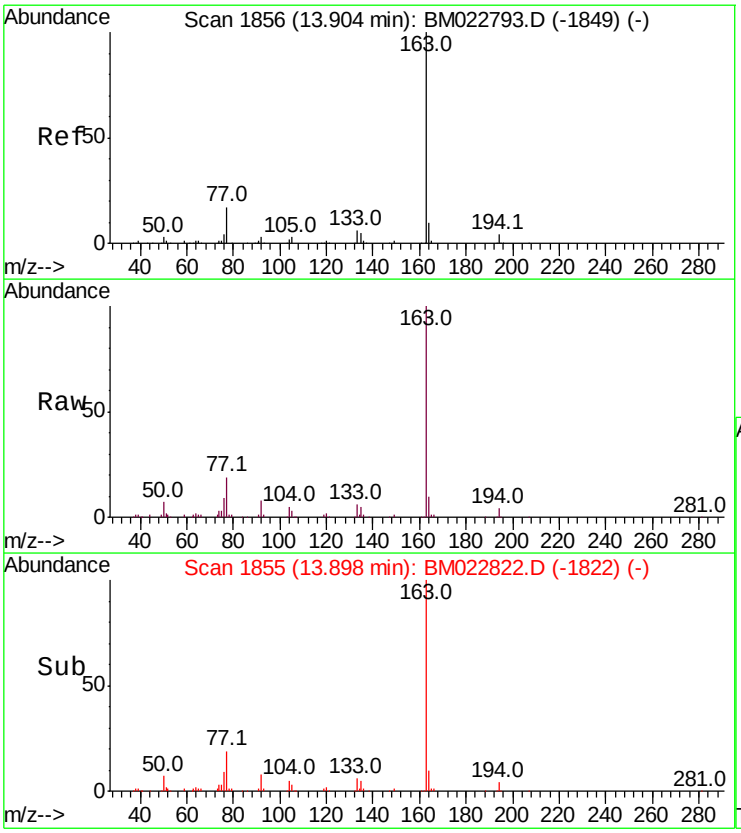
#6
Phenol
Concen: 1.316 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 31324

Ion	Ratio	Lower	Upper
94	100		
65	27.5	20.9	31.3
66	35.8	27.2	40.8

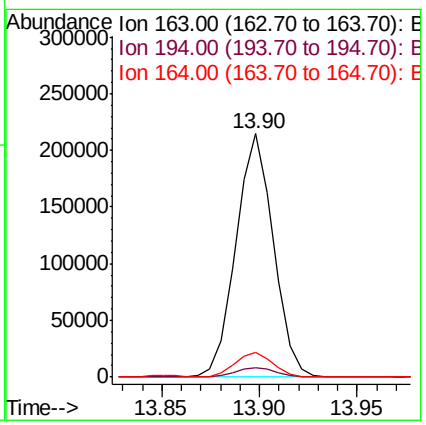


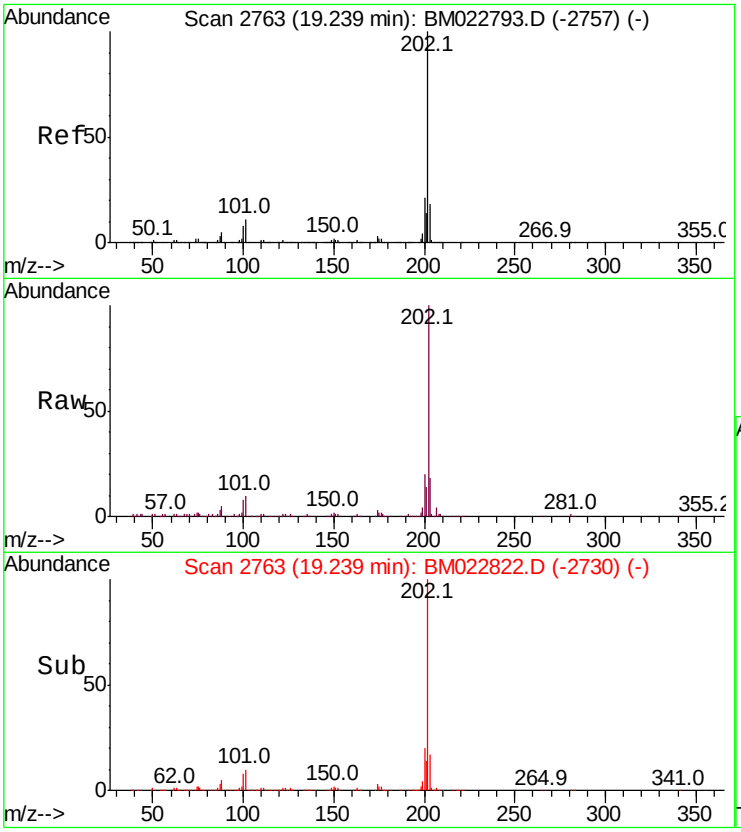


#45
Dimethylphthalate
Concen: 4.804 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Tgt Ion:163 Resp: 285160

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.0	8.1	12.1



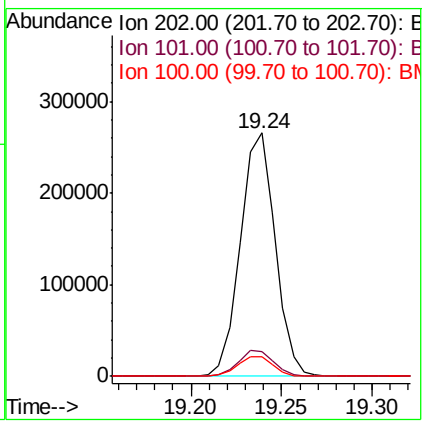


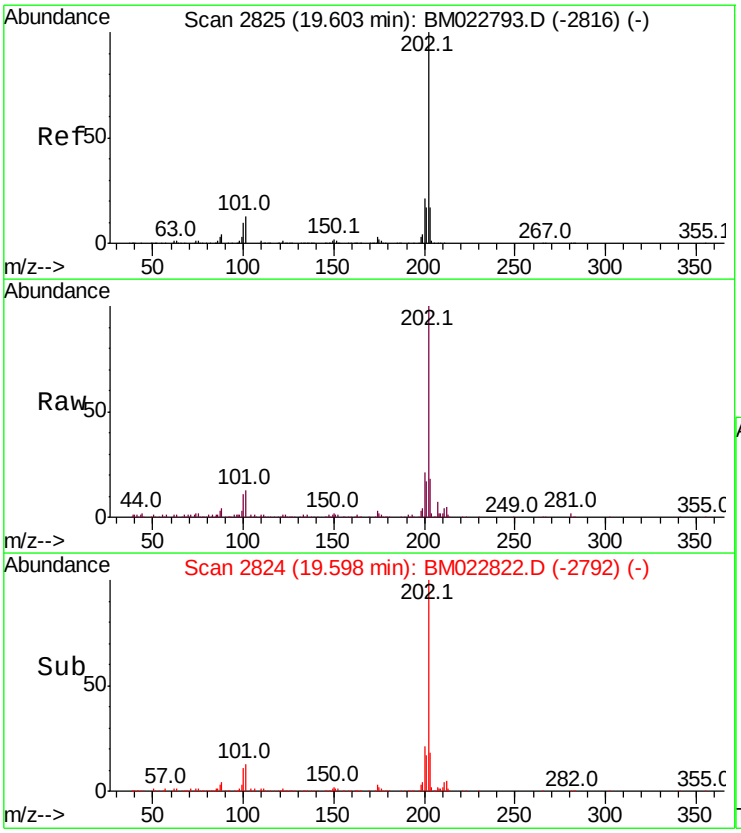
#77
Fluoranthene
Concen: 3.384 ng/ul
RT: 19.24 min Scan# 2763
Delta R.T. -0.01 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 355248

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	12.8
100	7.8	6.4	9.6

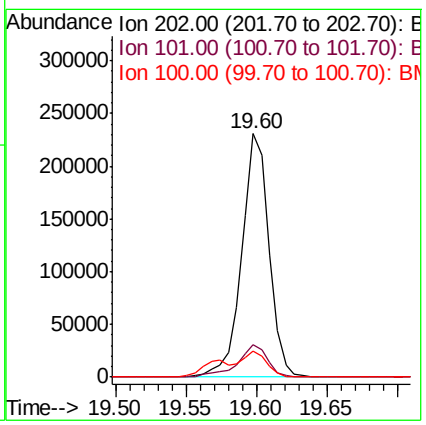


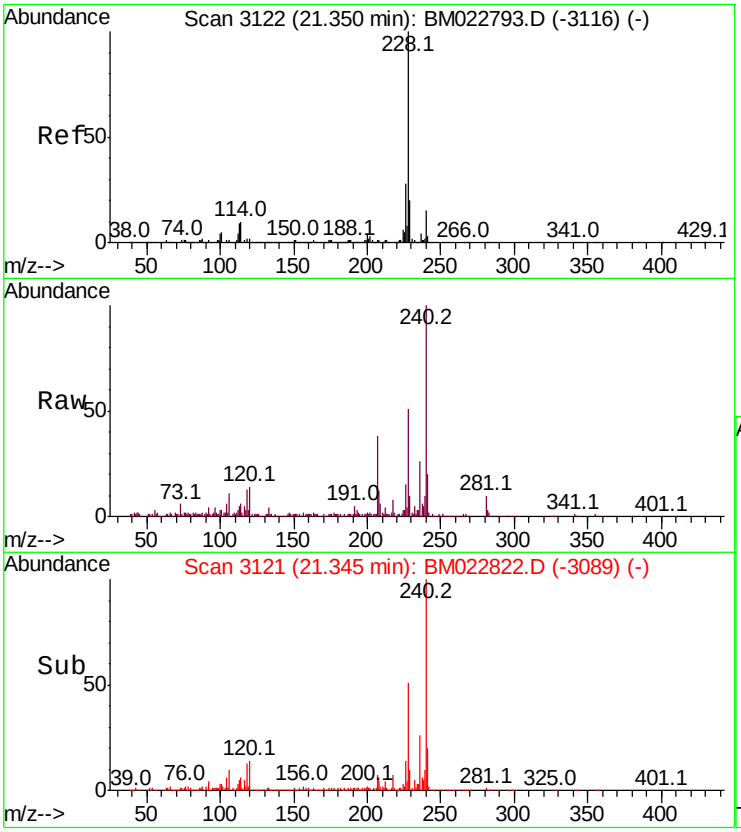


#80
Pyrene
Concen: 2.854 ng/ul
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Tgt Ion:202 Resp: 312180

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.7	7.8	11.8



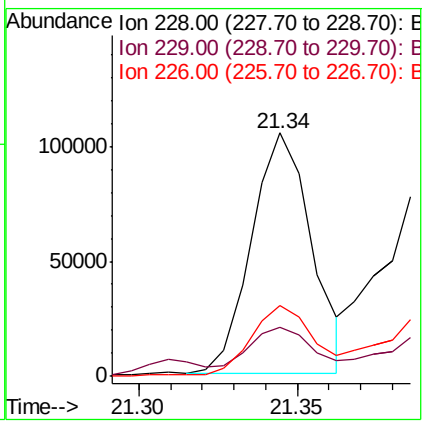


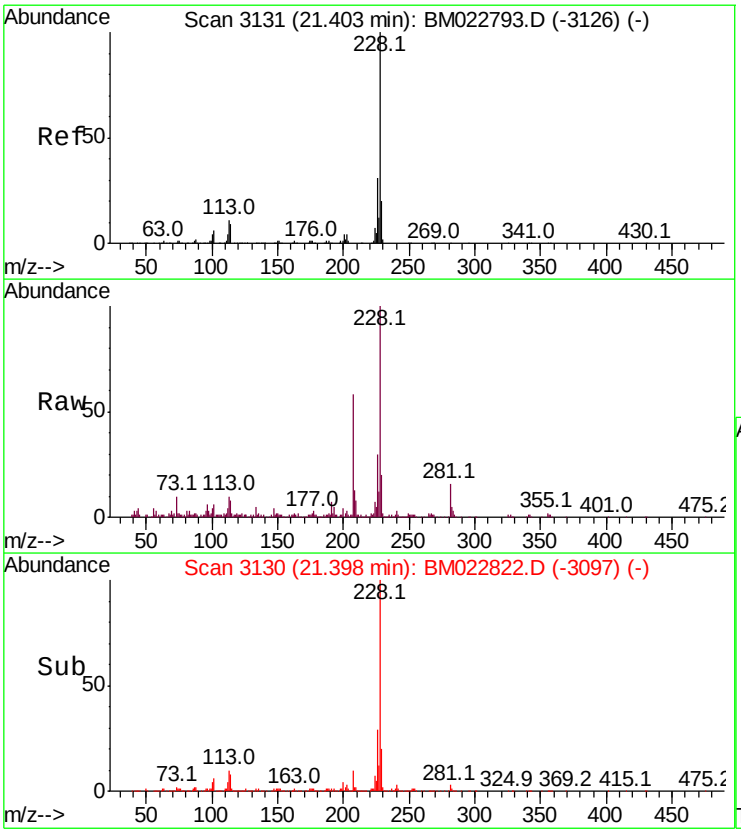
#83
Benzo(a)anthracene
Concen: 1.242 ng/ul
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 137582

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	28.9	22.4	33.6

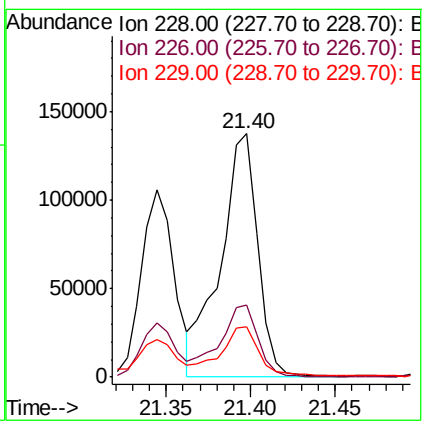


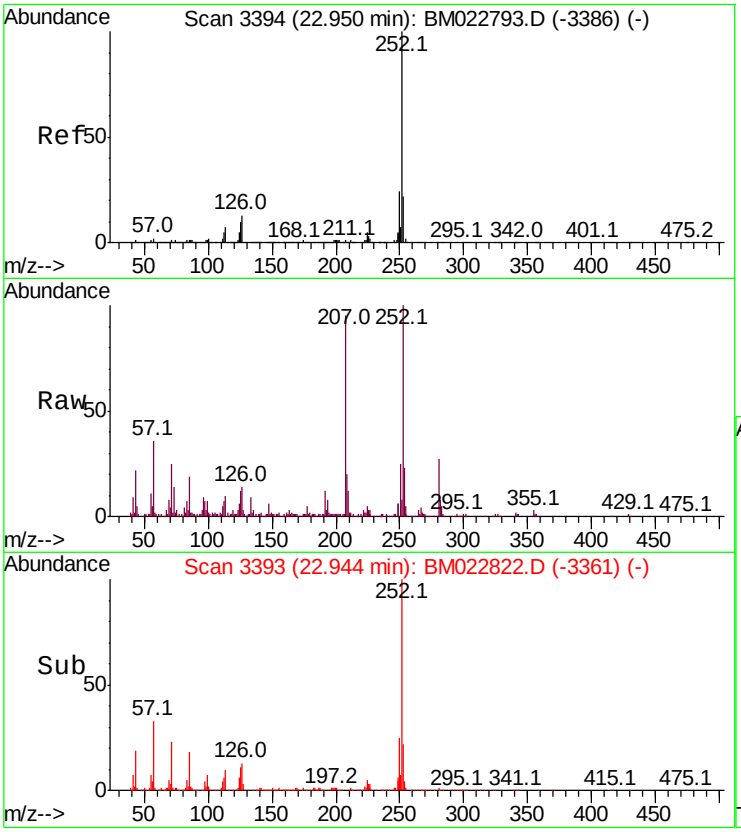


#85
Chrysene
Concen: 2.059 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Tgt Ion:228 Resp: 210318

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	20.4	15.9	23.9



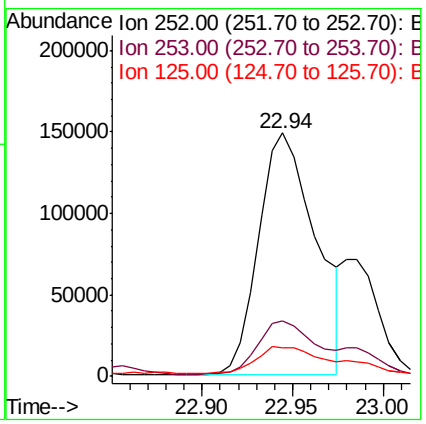


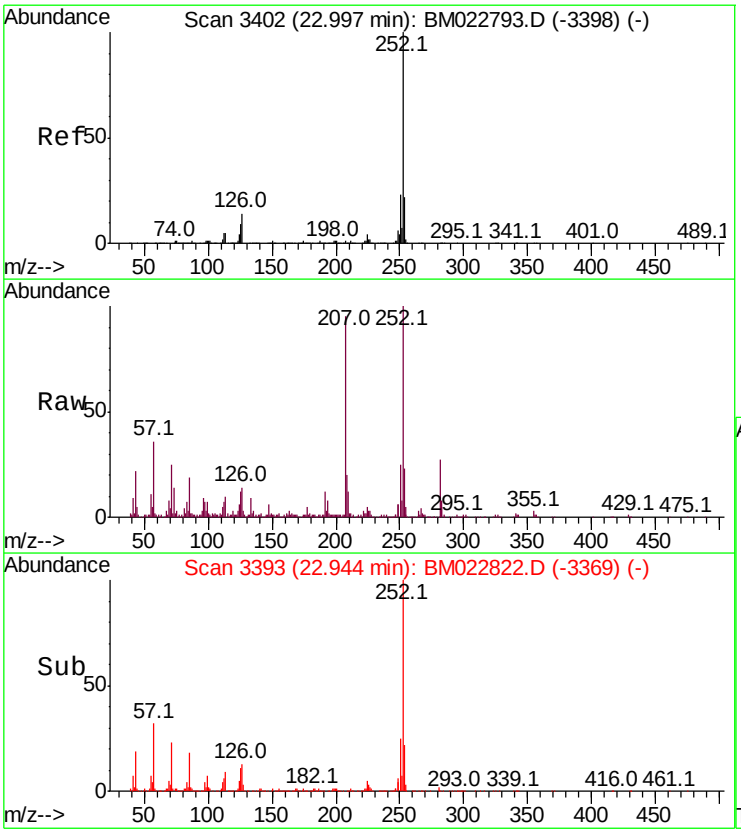
#88
Benzo(b)fluoranthene
Concen: 3.586 ng/ul
RT: 22.94 min Scan# 3393
Delta R.T. -0.01 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 328140

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	12.0	8.2	12.2

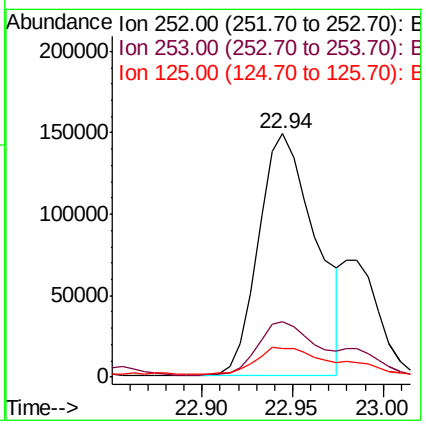


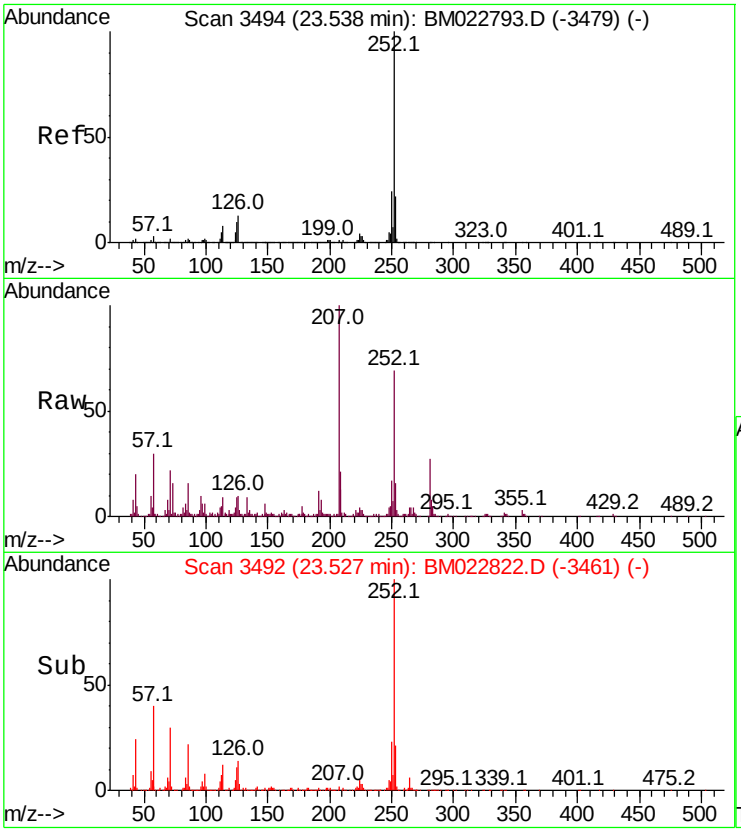


#89
Benzo(k)fluoranthene
Concen: 3.748 ng/ul
RT: 22.94 min Scan# 3393
Delta R.T. -0.06 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Tgt Ion:252 Resp: 328140

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.0	7.9	11.9#



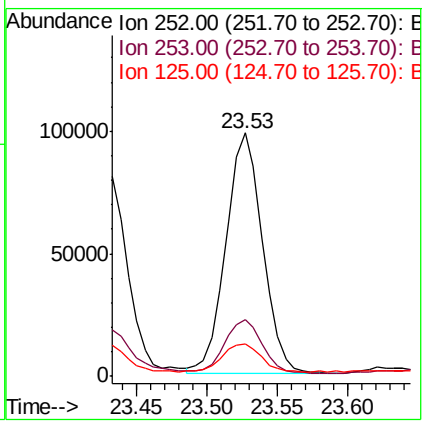


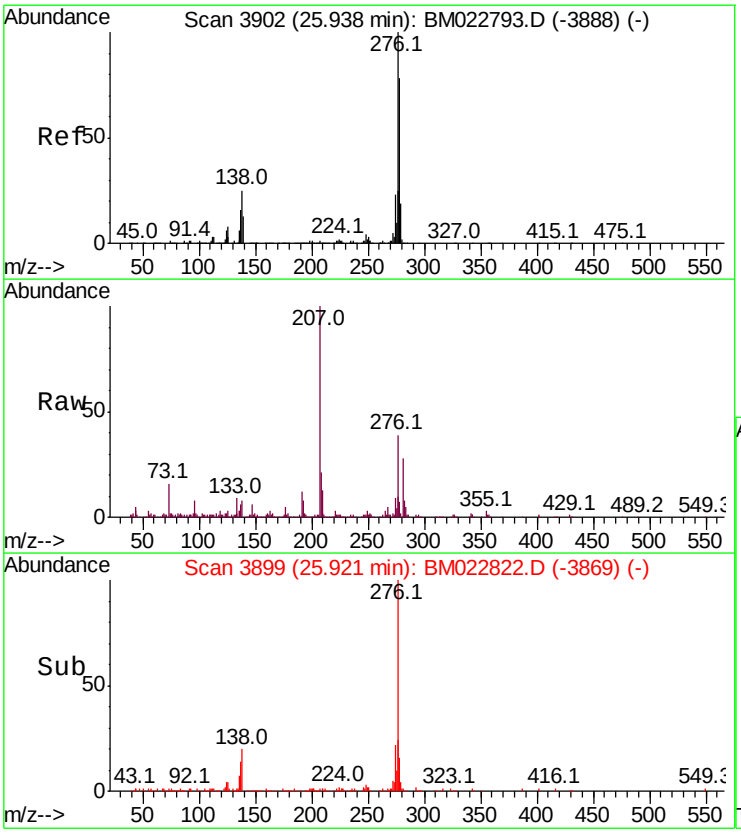
#91
Benzo(a)pyrene
Concen: 2.066 ng/ul
RT: 23.53 min Scan# 3492
Delta R.T. -0.02 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 177398

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	13.1	8.7	13.1

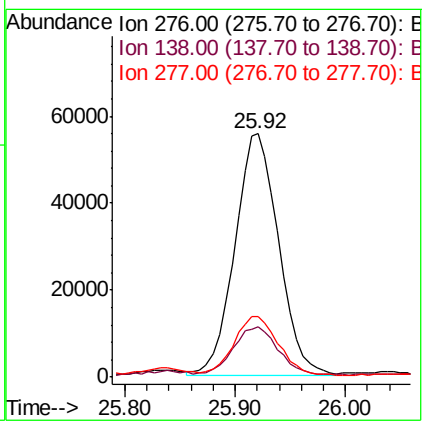


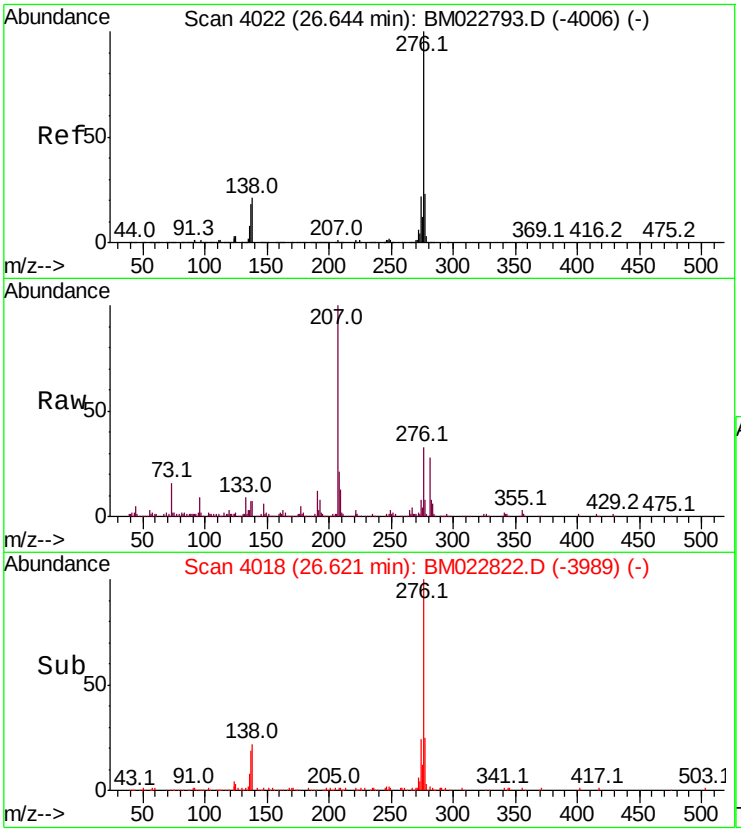


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.691 ng/ul
RT: 25.92 min Scan# 3899
Delta R.T. -0.02 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Tgt Ion:276 Resp: 154235

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.8	29.8
277	24.9	20.3	30.5





#94
Benzo(g,h,i)perylene
Concen: 2.142 ng/ul
RT: 26.62 min Scan# 4018
Delta R.T. -0.03 min
Lab File: BM022822.D
Acq: 30 Sep 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 157565

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.6	26.4
277	25.7	19.1	28.7