Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025387.D
Acq On : 08 Mar 2020 16:11
Operator : CG/JU
Sample : L1617-12
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 09 01:15:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4337	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.43	136	18558	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	13185	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	30951	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	25915	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	22460	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4630	0.13	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	12869	0.13	ng/ul	-0.01
Target Compounds						Qvalue
8) Acenaphthene	14.36	153	4031	0.084	ng/ul	99
9) Fluorene	15.34	166	13640	0.227	ng/ul	96
12) Phenanthrene	17.07	178	121561	1.218	ng/ul	95
13) Anthracene	17.17	178	7640	0.086	ng/ul	98
15) Fluoranthene	19.09	202	74609	0.597	ng/ul	95
17) Pyrene	19.46	202	50481	0.514	ng/ul	96
18) Benzo(a)anthracene	21.20	228	7046	0.074	ng/ul	99
19) Chrysene	21.26	228	6444	0.062	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	5058	0.056	ng/ul#	65
22) Benzo(k)fluoranthene	22.76	252	5058	0.054	ng/ul#	62
23) Benzo(a)pyrene	23.31	252	1705	0.023	ng/ul#	35

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

Quantitation Report (Not Reviewed)

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Data File : BM025387.D
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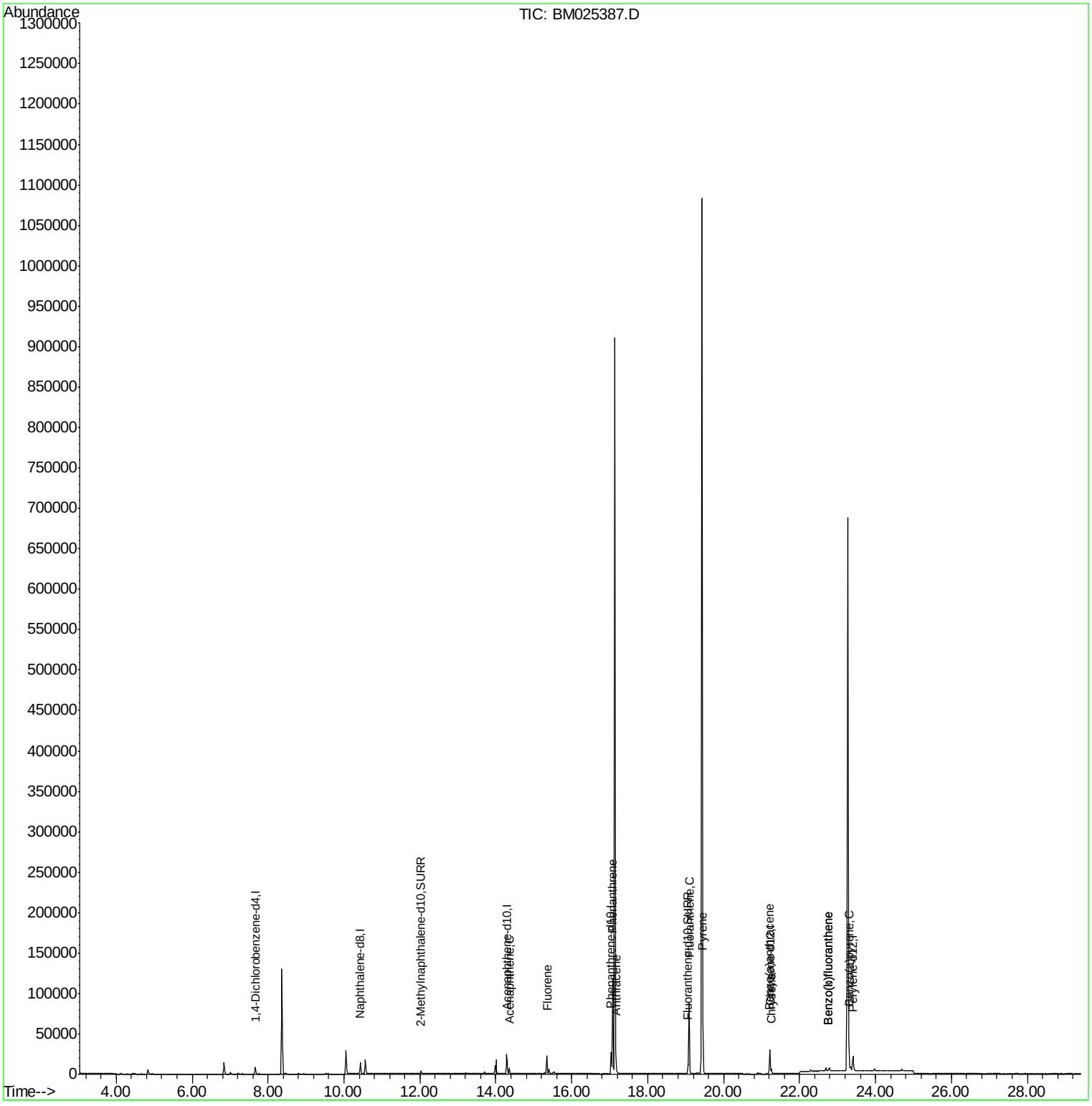
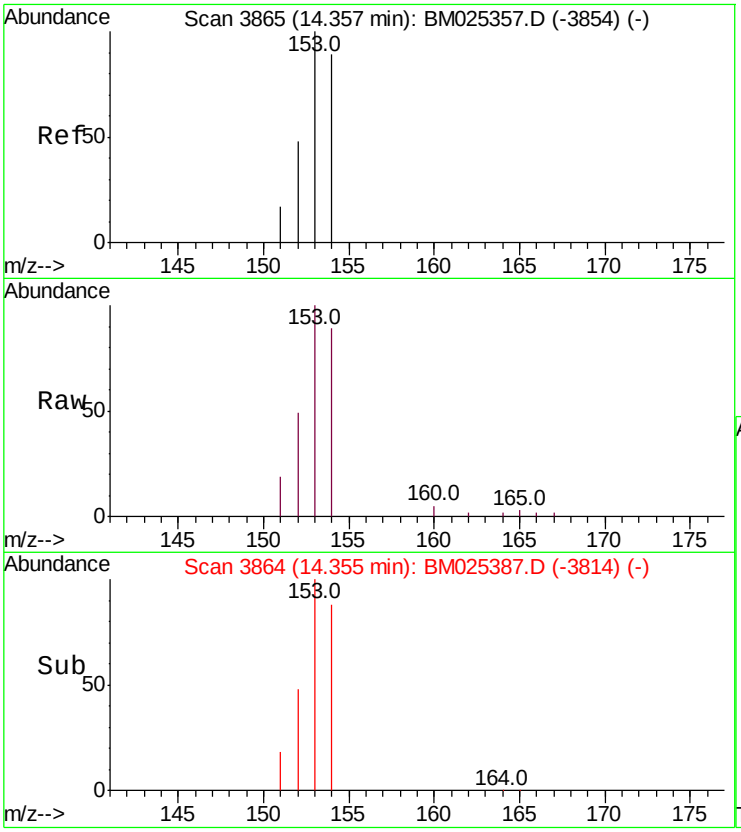
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration



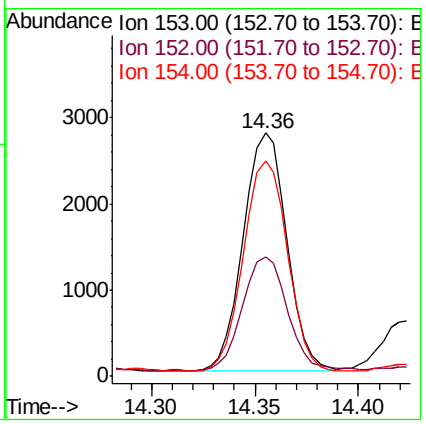


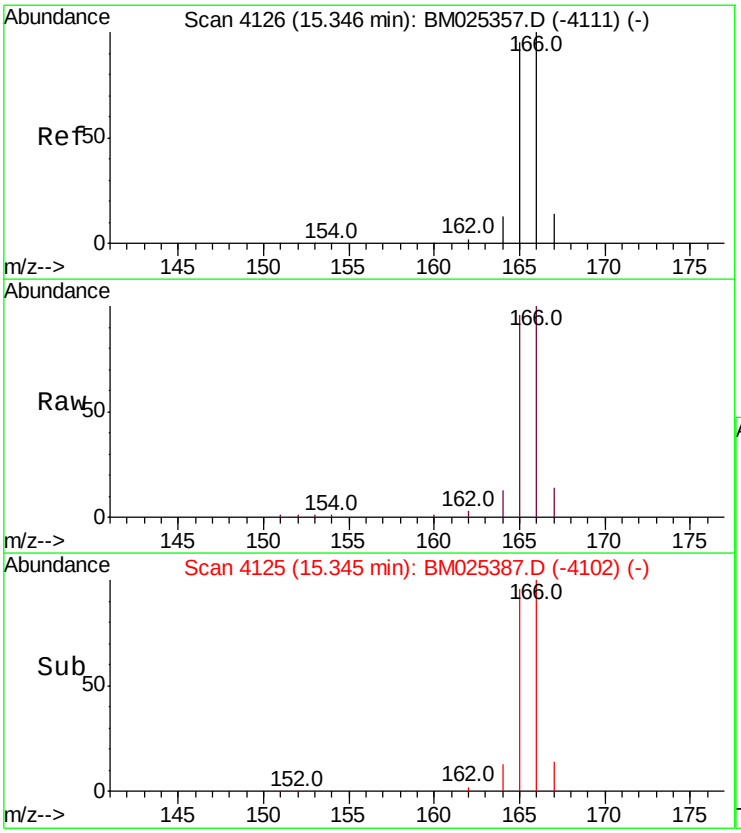
#8
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.36 min Scan# 3864
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 4031

Ion	Ratio	Lower	Upper
153	100		
152	48.9	40.0	60.0
154	88.7	71.0	106.6

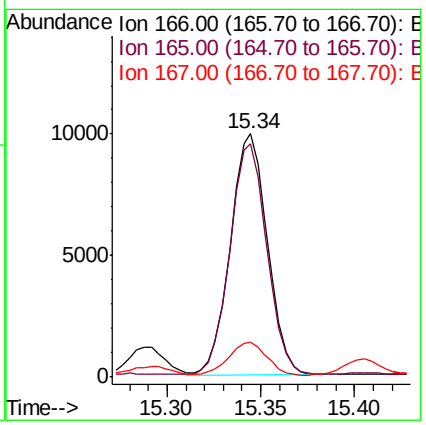


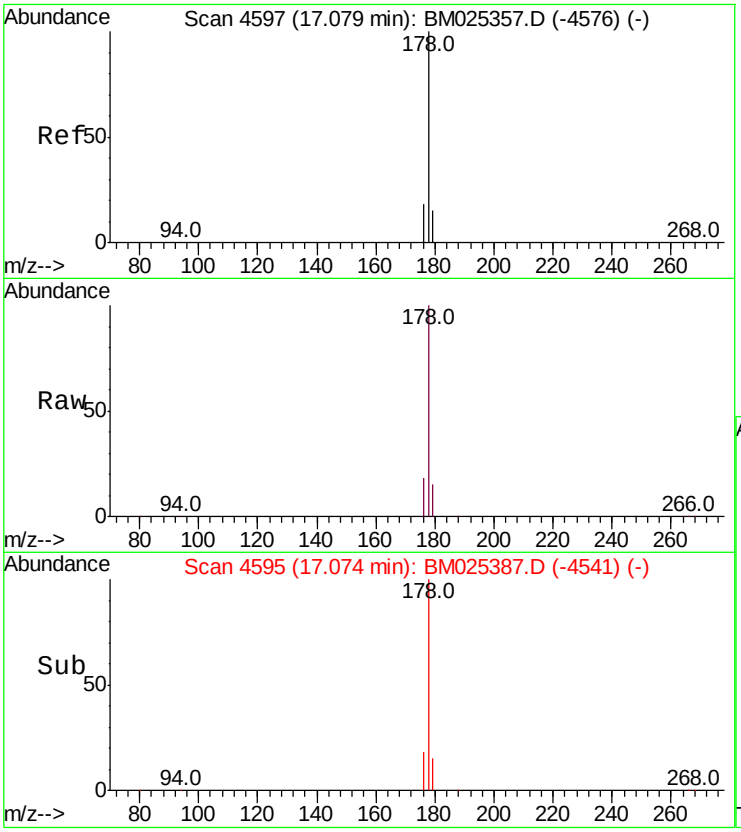


#9
Fluorene
Concen: 0.227 ng/ul
RT: 15.34 min Scan# 4125
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Tgt Ion:166 Resp: 13640

Ion	Ratio	Lower	Upper
166	100		
165	96.0	80.0	120.0
167	14.4	13.7	20.5



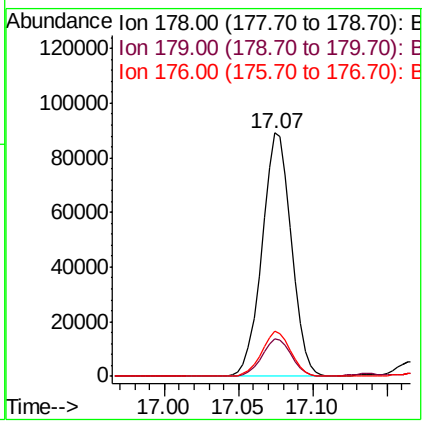


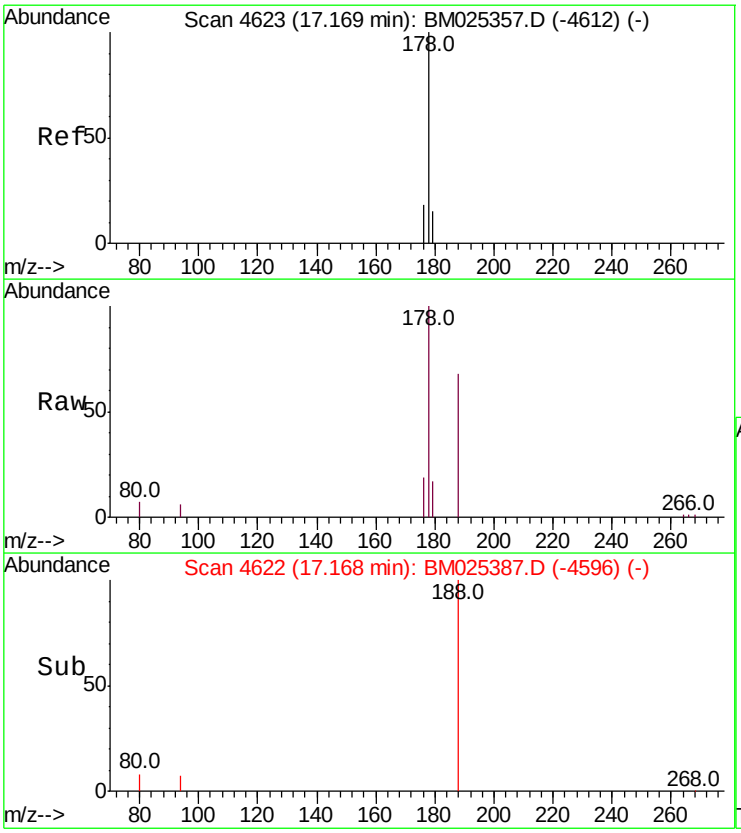
#12
Phenanthrene
Concen: 1.218 ng/ul
RT: 17.07 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 121561

Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.0	21.0
176	18.4	16.6	24.8

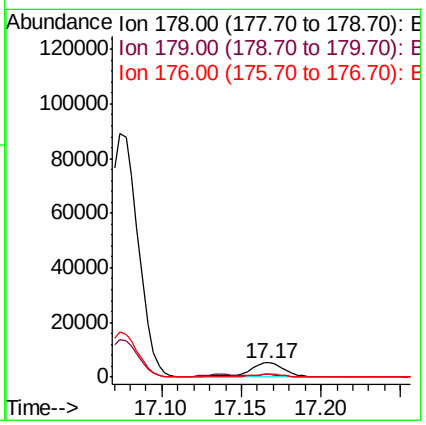


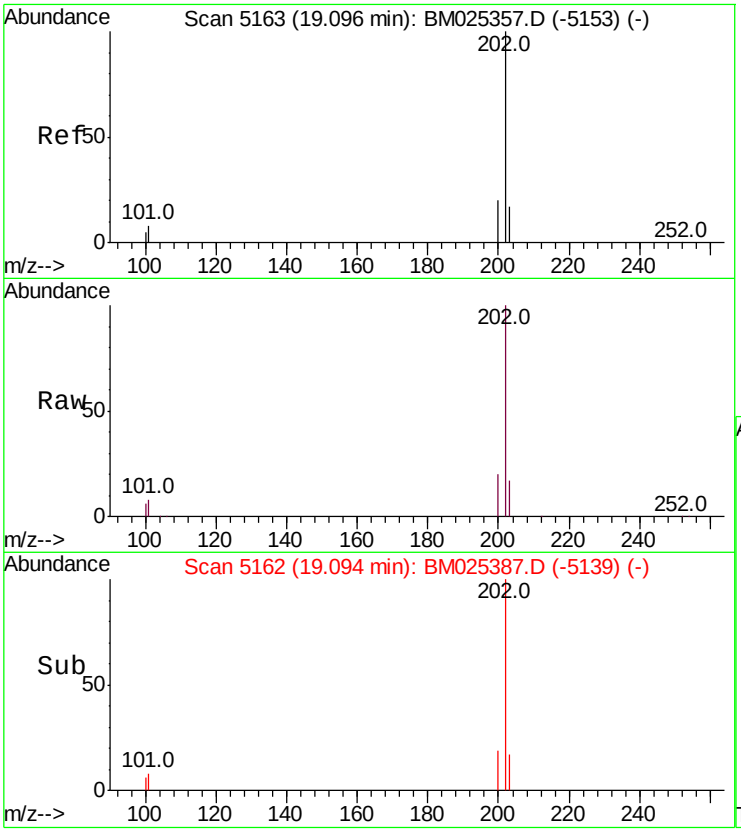


#13
Anthracene
Concen: 0.086 ng/ul
RT: 17.17 min Scan# 4622
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Tgt Ion:178 Resp: 7640

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.1	21.1
176	19.1	16.2	24.4



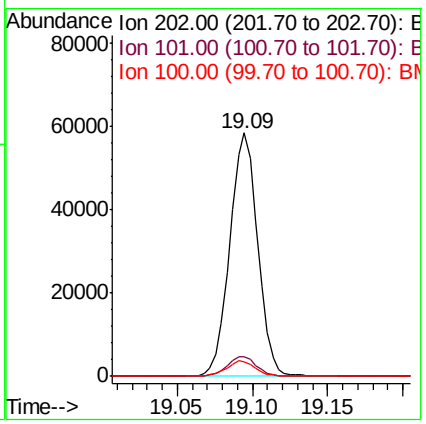


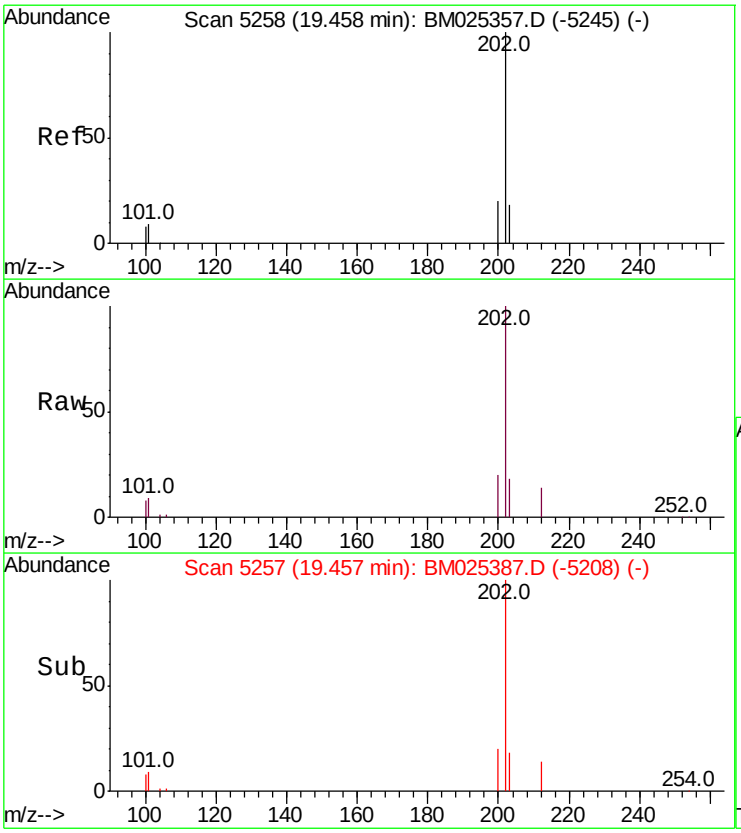
#15
Fluoranthene
Concen: 0.597 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 74609

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.4
100	6.0	0.0	28.0

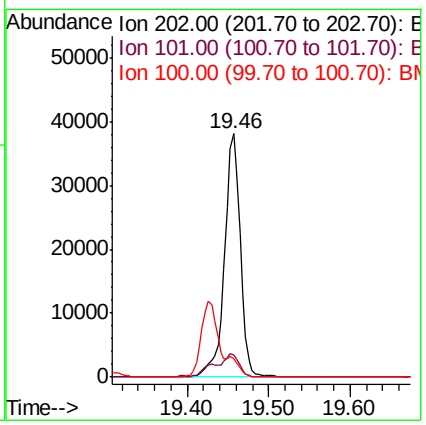


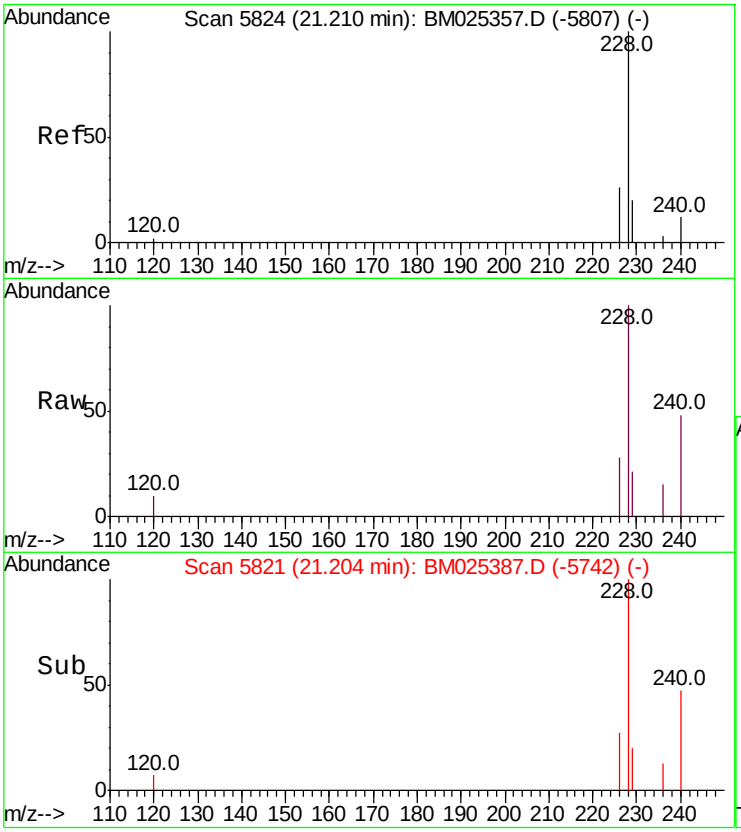


#17
Pyrene
Concen: 0.514 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Tgt Ion:202 Resp: 50481

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.7	13.1
100	7.7	7.3	10.9



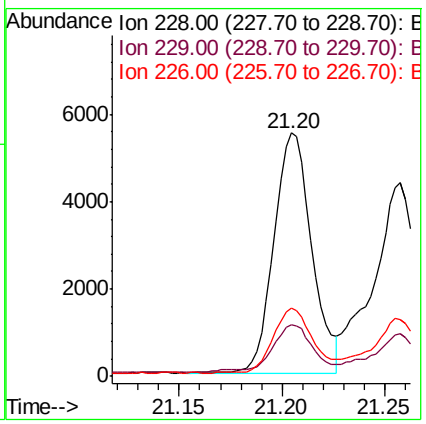


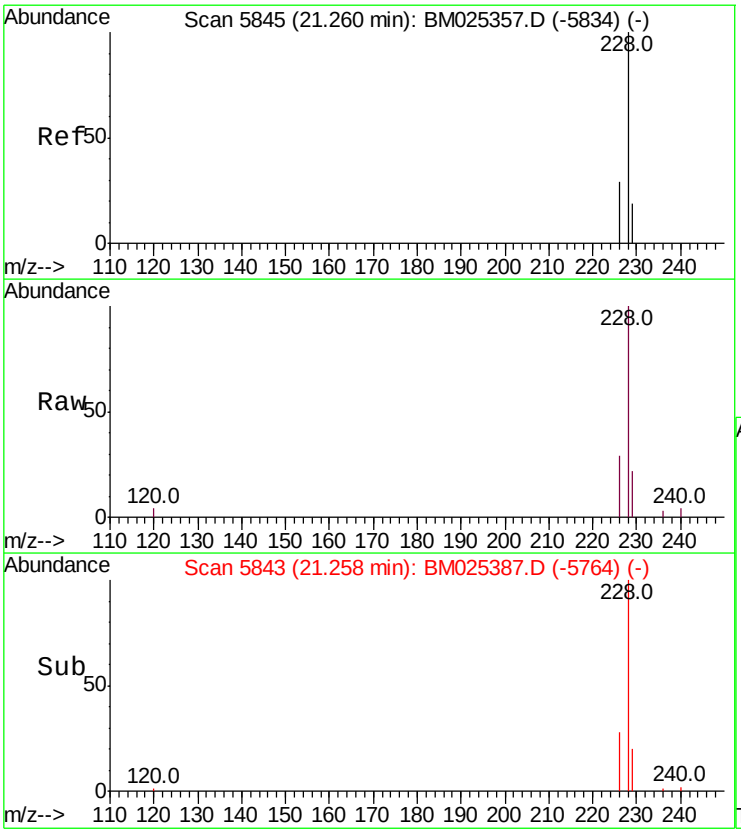
#18
Benzo(a)anthracene
Concen: 0.074 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 7046

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	28.1	21.9	32.9

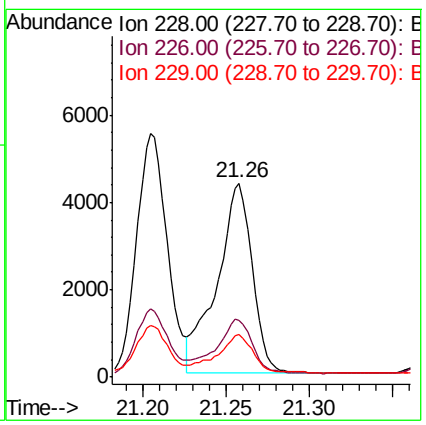


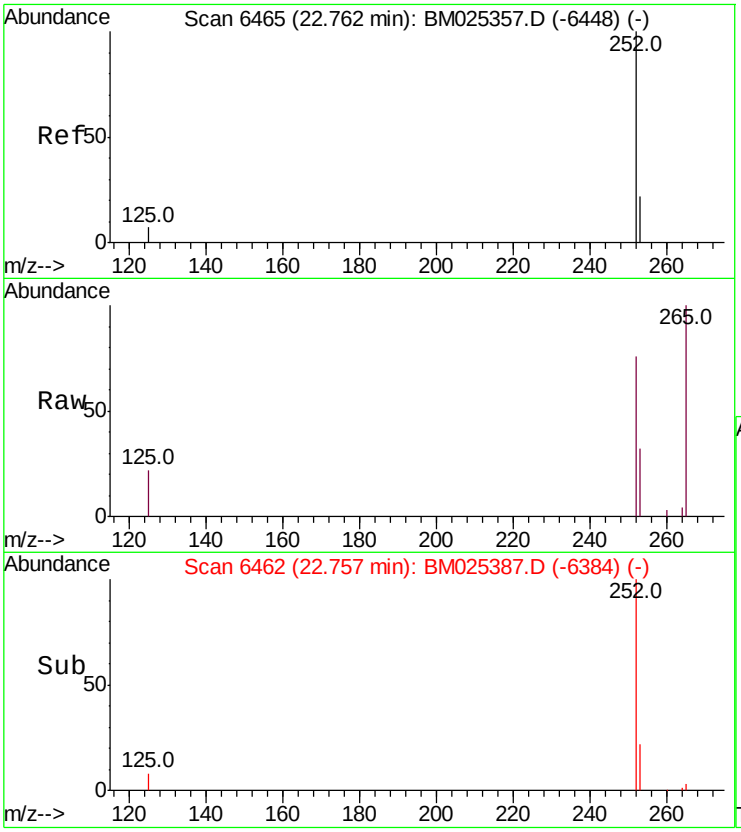


#19
Chrysene
Concen: 0.062 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Tgt Ion:228 Resp: 6444

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.8
229	21.7	16.9	25.3



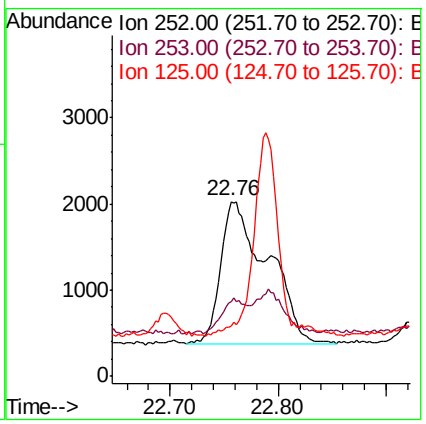


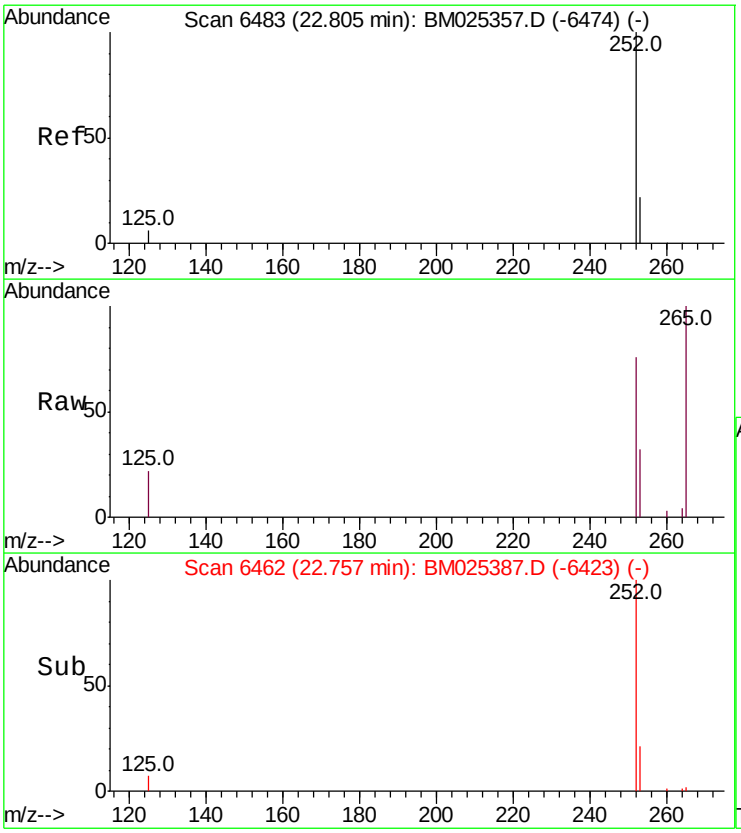
#21
Benzo(b)fluoranthene
Concen: 0.056 ng/ul
RT: 22.76 min Scan# 6462
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5058

Ion	Ratio	Lower	Upper
252	100		
253	42.5	0.0	49.8
125	29.0	0.0	28.6#

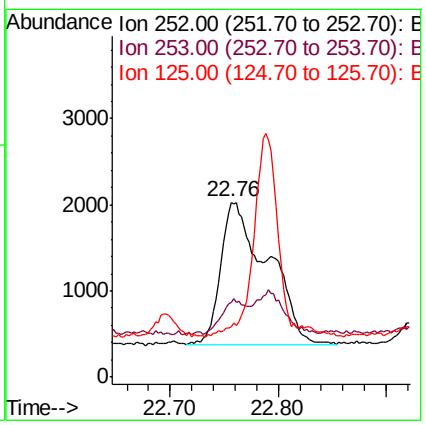


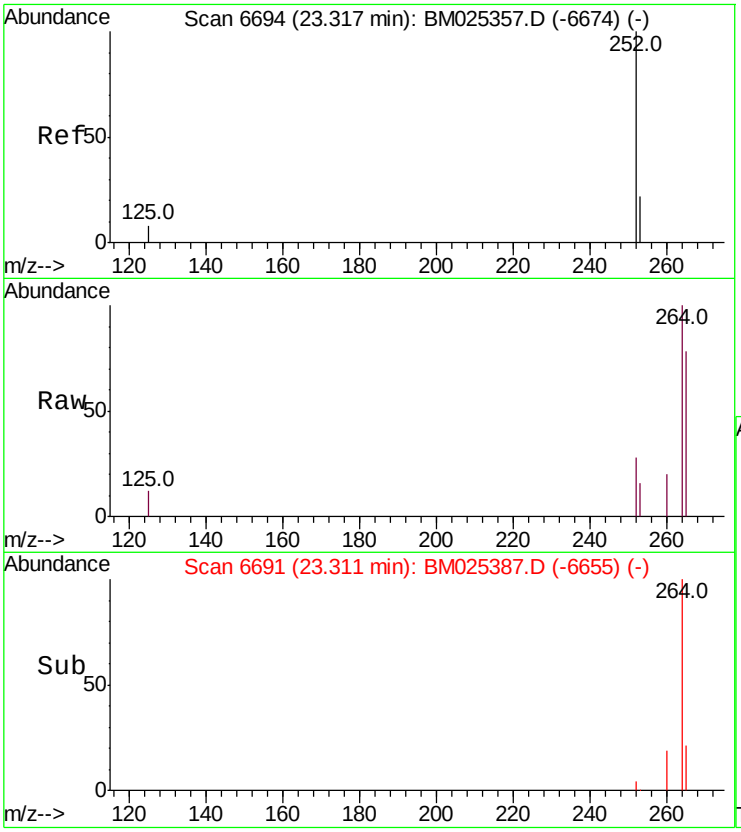


#22
Benzo(k)fluoranthene
Concen: 0.054 ng/ul
RT: 22.76 min Scan# 6462
Delta R.T. -0.06 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Tgt Ion:252 Resp: 5058

Ion	Ratio	Lower	Upper
252	100		
253	42.5	19.4	29.0#
125	29.0	10.7	16.1#





#23
Benzo(a)pyrene
Concen: 0.023 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. -0.01 min
Lab File: BM025387.D
Acq: 08 Mar 2020 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1705

Ion	Ratio	Lower	Upper
252	100		
253	57.8	20.3	30.5#
125	44.2	13.0	19.4#