Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

Quantitation Report (Not Reviewed)

Data File : BM022087.D
Acq On : 14 Aug 2019 02:09
Operator : HP/JU
Sample : K4183-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG1

Quant Time: Aug 14 08:19:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 08:16:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	846	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3373	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1851	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	146522	0.40	ng/ul	0.07
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.44	264	5396	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	945	0.17	ng/ul	-0.04
14) Fluoranthene-d10	19.16	212	106	0.00	ng/ul	0.08
Target Compounds						Qvalue
3) Naphthalene	10.43	128	849	0.089	ng/ul#	86
5) 2-Methylnaphthalene	12.06	142	895	0.141	ng/ul	99
7) Acenaphthylene	13.98	152	1483	0.172	ng/ul#	75
8) Acenaphthene	14.32	153	7506	1.063	ng/ul	96
9) Fluorene	15.31	166	9485	1.209	ng/ul	98
12) Phenanthrene	17.15	178	50442	0.118	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	268581	14.760	ng/ul	84
22) Benzo(k)fluoranthene	22.78	252	268561	13.042	ng/ul#	84
23) Benzo(a)pyrene	23.34	252	125475	6.781	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.64	276	74276	3.362	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.65	278	19657	1.101	ng/ul#	72
26) Benzo(g,h,i)perylene	26.33	276	67442	3.390	ng/ul	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081219\

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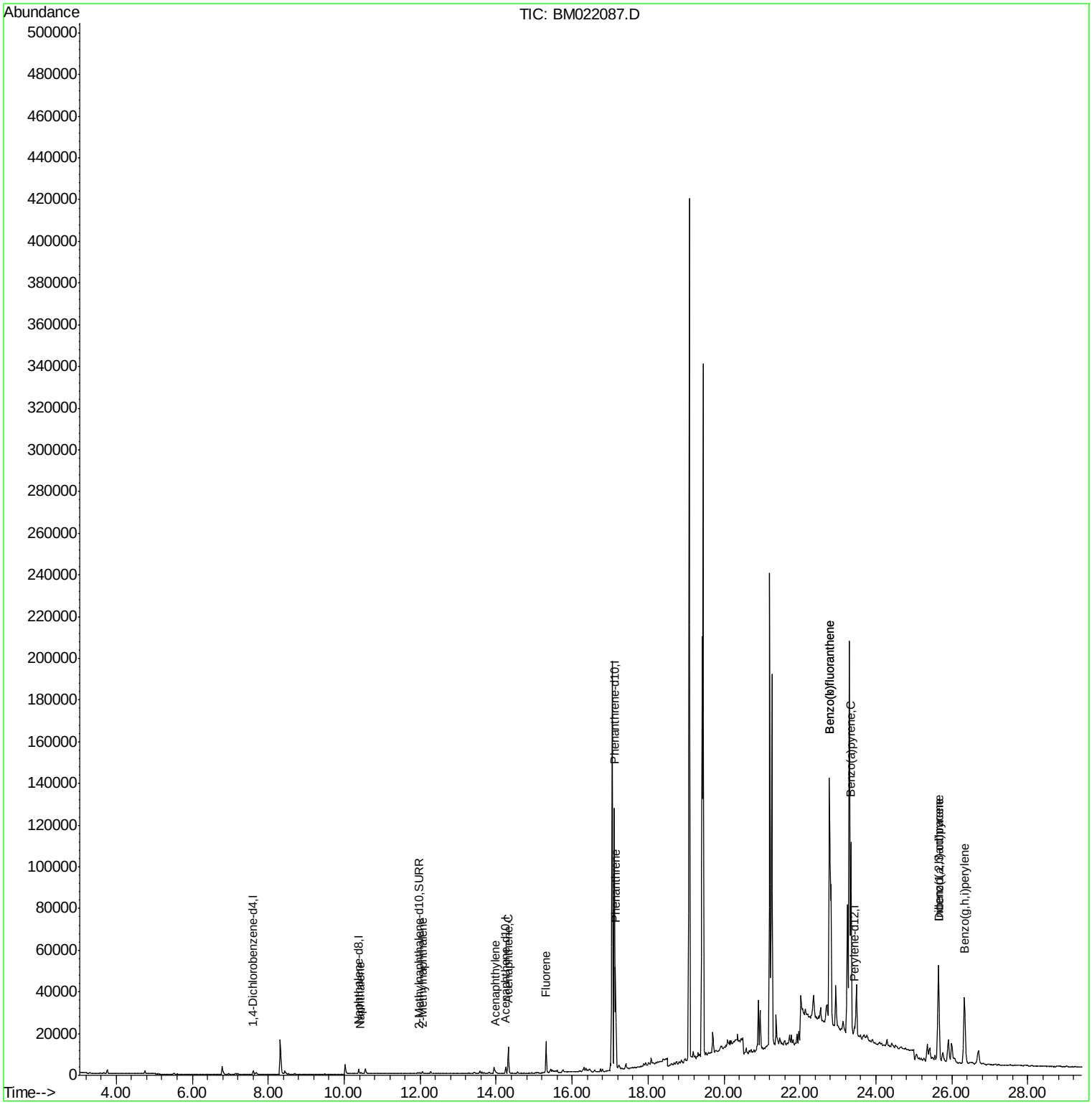
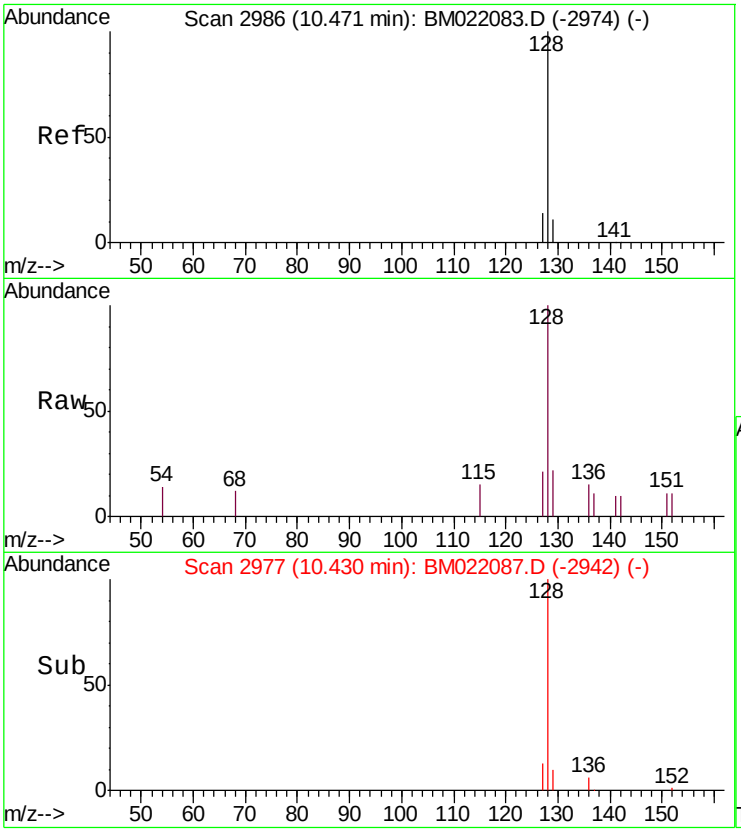


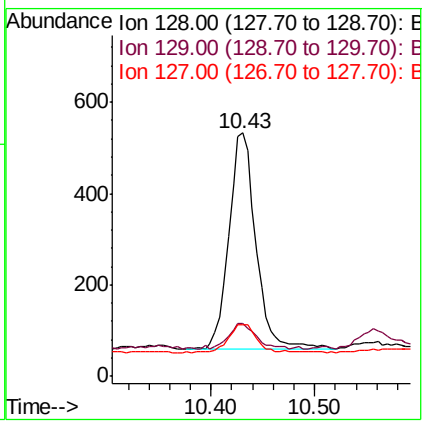


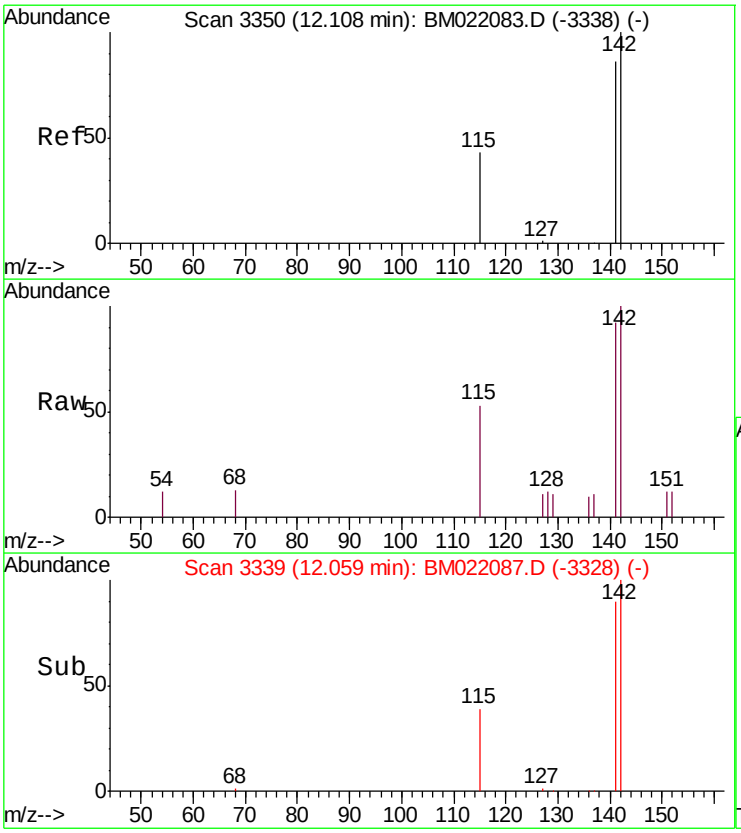
#3
Naphthalene
Concen: 0.089 ng/ul
RT: 10.43 min Scan# 2977
Delta R.T. -0.04 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Instrument :
BNA_M
ClientSampleId :
C0AG1

Tgt Ion:128 Resp: 849

Ion	Ratio	Lower	Upper
128	100		
129	22.0	12.3	18.5#
127	21.4	13.0	19.6#

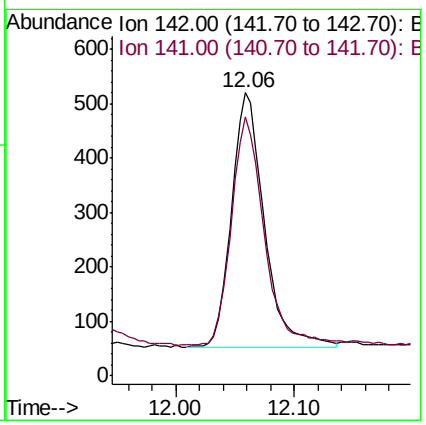


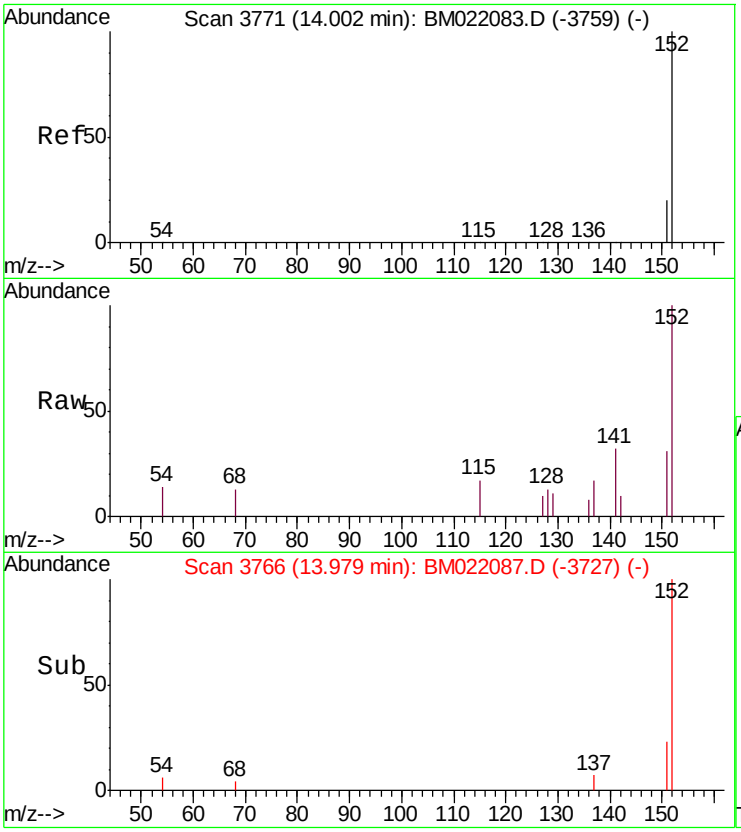


#5
2-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.06 min Scan# 3339
Delta R.T. -0.05 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Tgt Ion:142 Resp: 895

Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.3	111.5



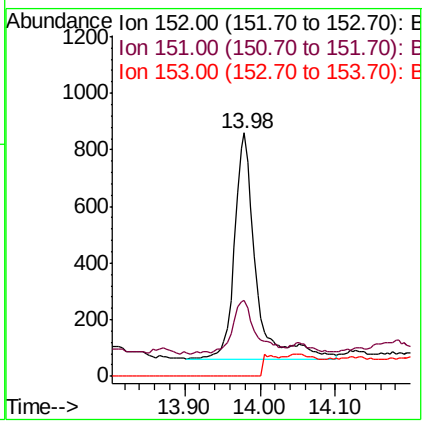


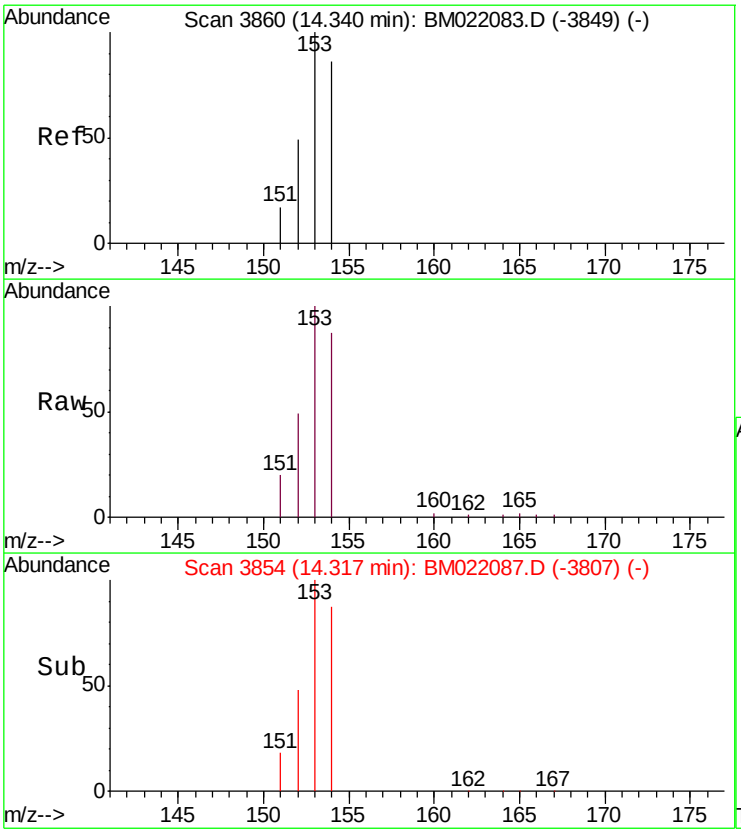
#7
Acenaphthylene
Concen: 0.172 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Instrument :
BNA_M
ClientSampleId :
C0AG1

Tgt Ion:152 Resp: 1483

Ion	Ratio	Lower	Upper
152	100		
151	31.0	18.3	27.5#
153	0.0	12.8	19.2#

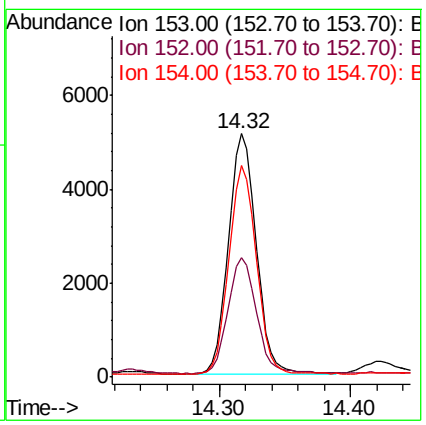


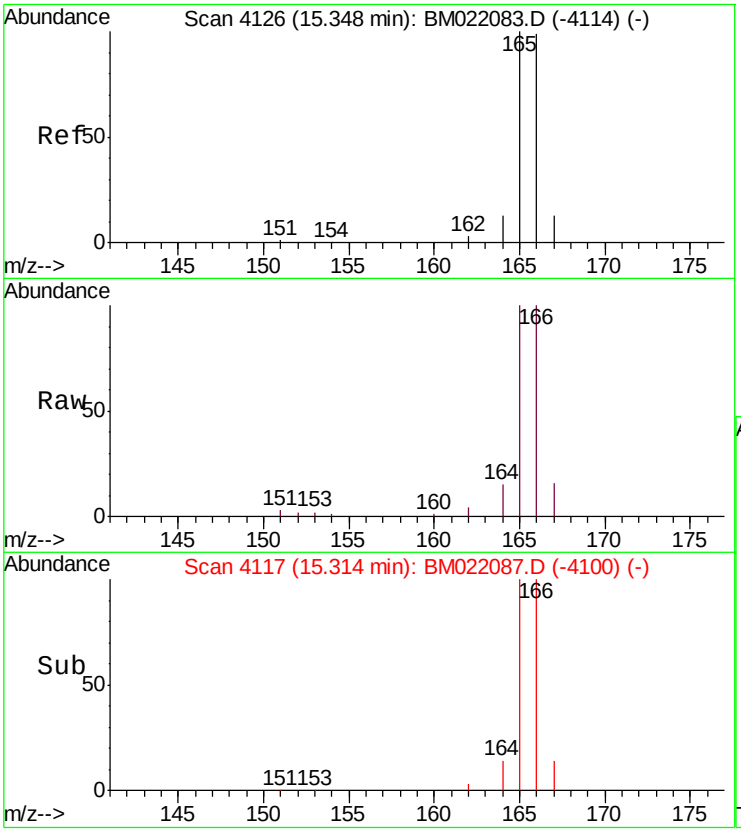


#8
Acenaphthene
Concen: 1.063 ng/ul
RT: 14.32 min Scan# 3854
Delta R.T. -0.02 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Tgt Ion:153 Resp: 7506

Ion	Ratio	Lower	Upper
153	100		
152	49.1	41.3	61.9
154	86.9	72.3	108.5



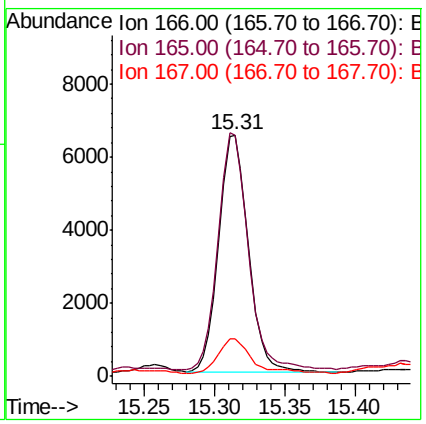


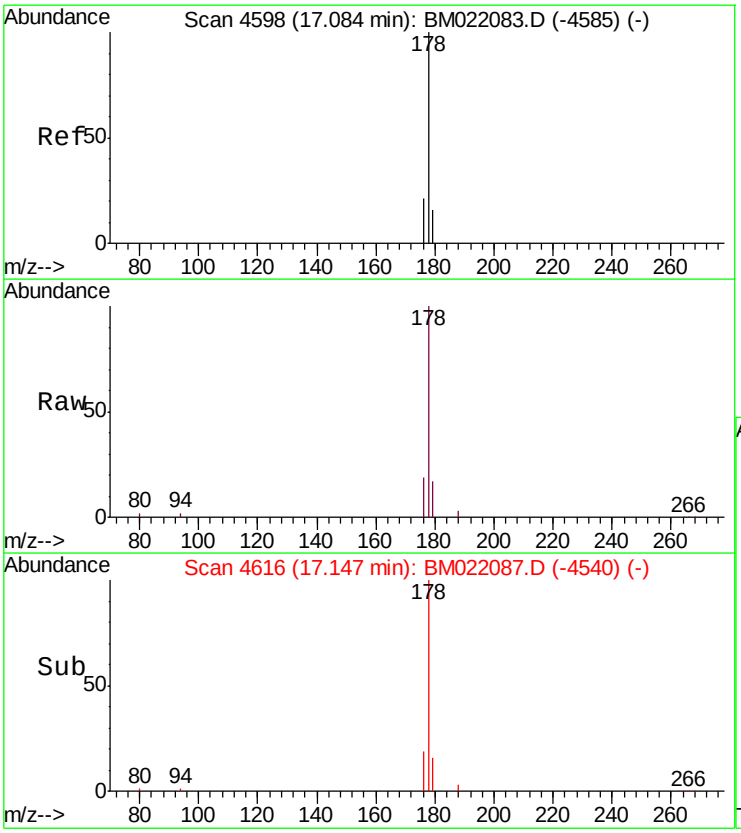
#9
Fluorene
Concen: 1.209 ng/ul
RT: 15.31 min Scan# 4117
Delta R.T. -0.03 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Instrument :
BNA_M
ClientSampleId :
C0AG1

Tgt Ion:166 Resp: 9485

Ion	Ratio	Lower	Upper
166	100		
165	99.6	81.4	122.0
167	15.6	13.7	20.5

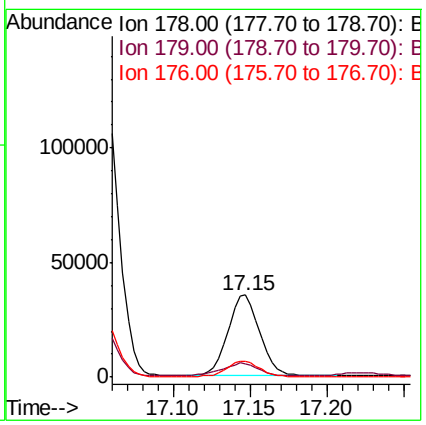


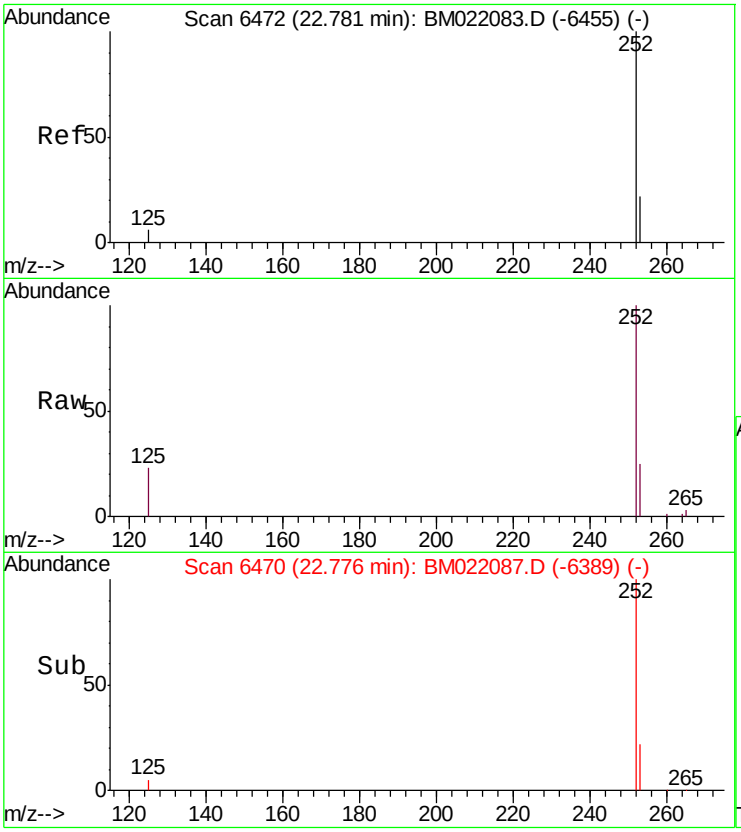


#12
Phenanthrene
Concen: 0.118 ng/ul
RT: 17.15 min Scan# 4616
Delta R.T. 0.06 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Tgt Ion:178 Resp: 50442

Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.2	21.2
176	19.3	16.8	25.2



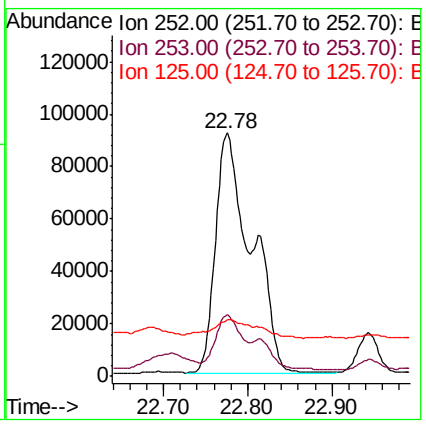


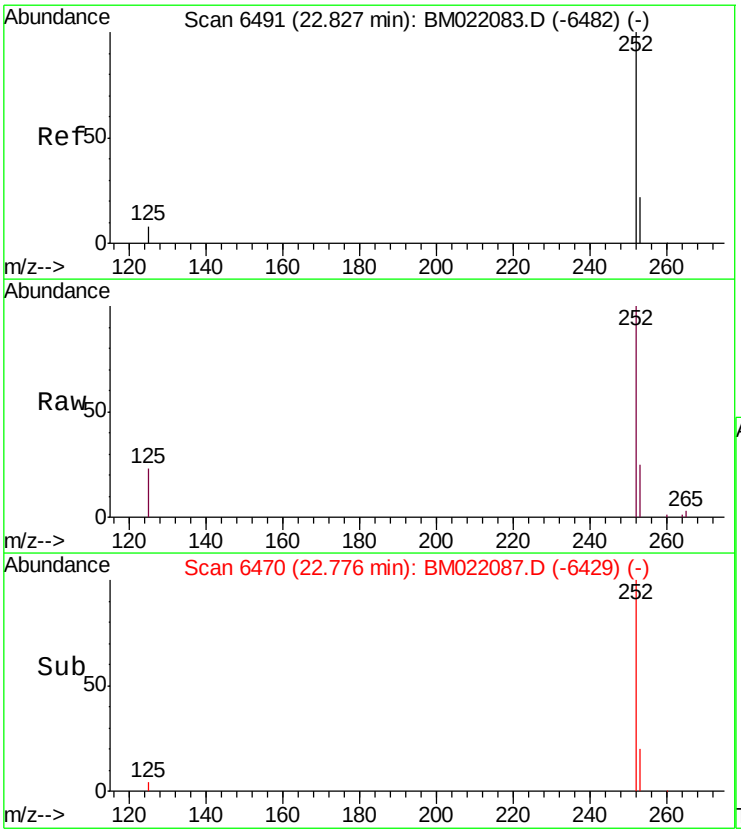
#21
Benzo(b)fluoranthene
Concen: 14.760 ng/ul
RT: 22.78 min Scan# 6470
Delta R.T. -0.00 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Instrument :
BNA_M
ClientSampleId :
C0AG1

Tgt Ion:252 Resp: 268581

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	67.4
125	23.1	0.0	31.0

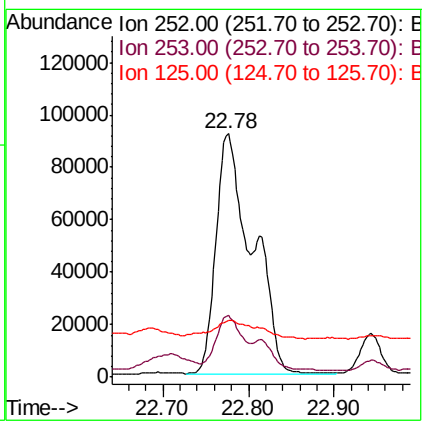


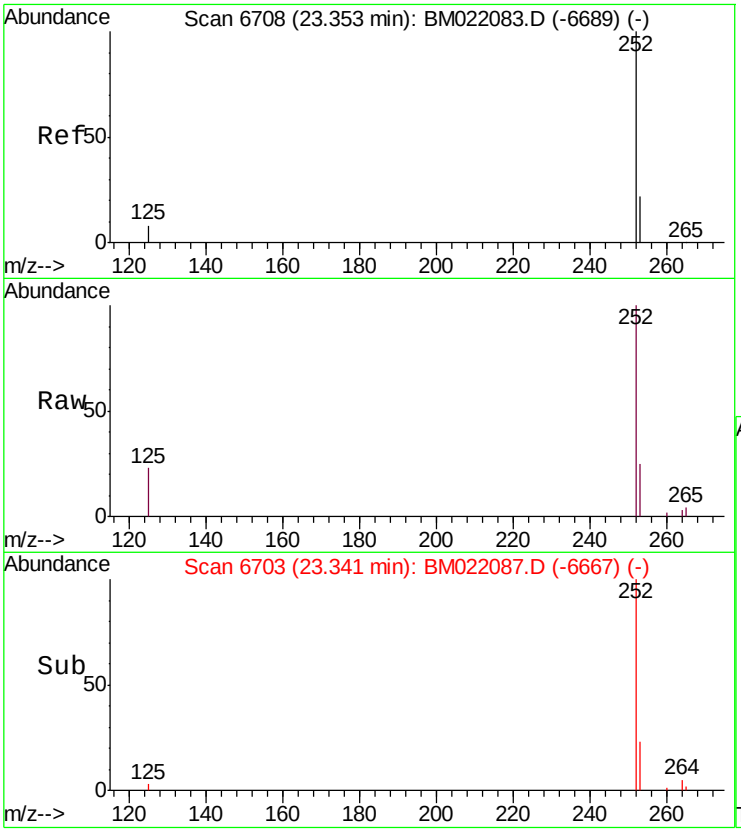


#22
Benzo(k)fluoranthene
Concen: 13.042 ng/ul
RT: 22.78 min Scan# 6470
Delta R.T. -0.05 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Tgt Ion:252 Resp: 268561

Ion	Ratio	Lower	Upper
252	100		
253	25.2	27.0	40.4#
125	23.1	12.2	18.2#



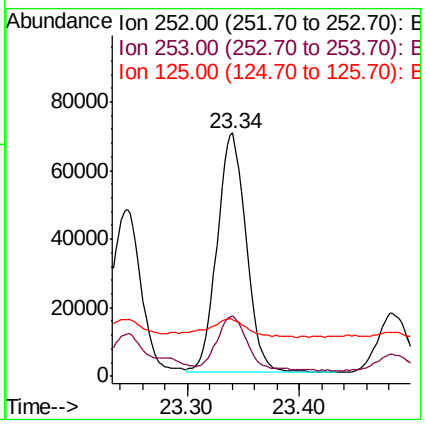


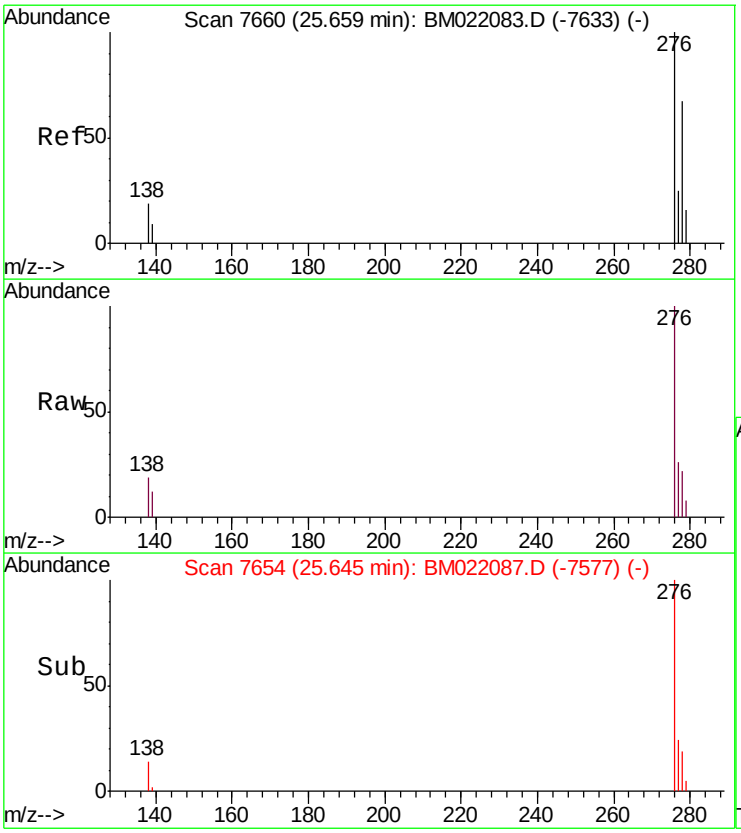
#23
Benzo(a)pyrene
Concen: 6.781 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.01 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Instrument :
BNA_M
ClientSampleId :
C0AG1

Tgt Ion:252 Resp: 125475

Ion	Ratio	Lower	Upper
252	100		
253	25.1	31.7	47.5#
125	23.4	14.6	21.8#

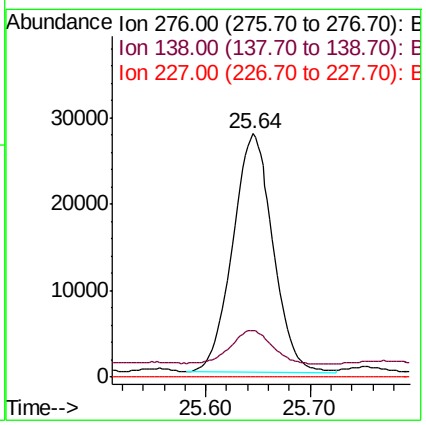


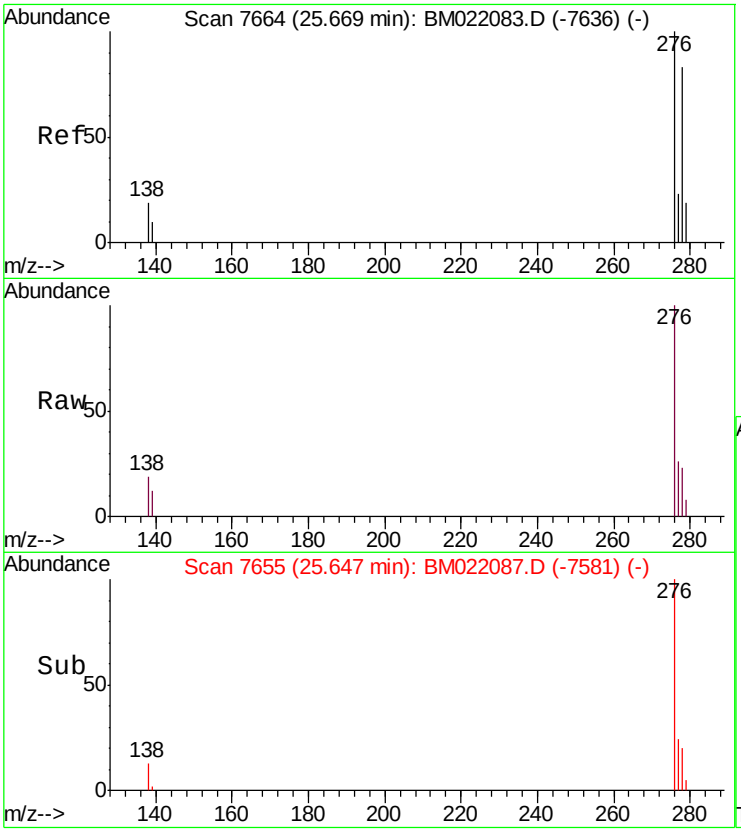


#24
Indeno(1,2,3-cd)pyrene
Concen: 3.362 ng/ul
RT: 25.64 min Scan# 7654
Delta R.T. -0.01 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Tgt Ion:276 Resp: 74276

Ion	Ratio	Lower	Upper
276	100		
138	14.8	15.1	22.7#
227	0.0	0.0	0.0



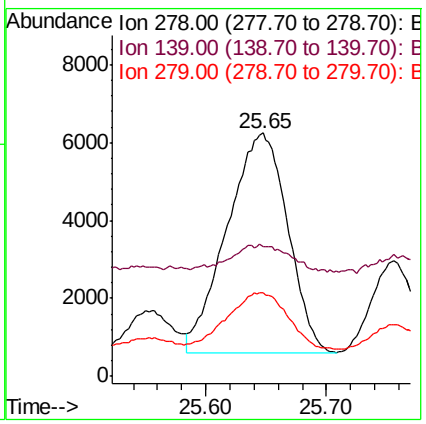


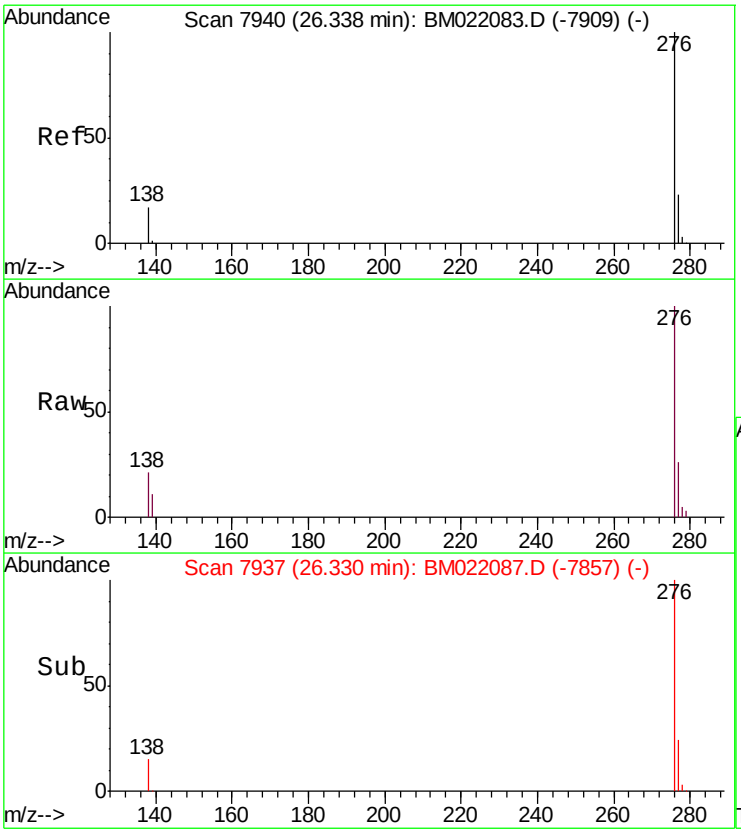
#25
Dibenzo(a,h)anthracene
Concen: 1.101 ng/ul
RT: 25.65 min Scan# 7655
Delta R.T. -0.02 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Instrument :
BNA_M
ClientSampleId :
C0AG1

Tgt Ion:278 Resp: 19657

Ion	Ratio	Lower	Upper
278	100		
139	53.1	14.2	21.2#
279	34.6	28.3	42.5





#26
Benzo(g,h,i)perylene
Concen: 3.390 ng/ul
RT: 26.33 min Scan# 7937
Delta R.T. -0.01 min
Lab File: BM022087.D
Acq: 14 Aug 2019 02:09

Tgt Ion:276 Resp: 67442

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.5	23.3
277	25.8	21.4	32.2