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

Quantitation Report (Not Reviewed)

Data File : BM022088.D
Acq On : 14 Aug 2019 02:45
Operator : HP/JU
Sample : K4183-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG5

Quant Time: Aug 14 08:19:58 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	814	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3478	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1934	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	168633	0.40	ng/ul	0.07
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.42	264	4908	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	932	0.16	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.43	128	735	0.075	ng/ul#	83
5) 2-Methylnaphthalene	12.07	142	519	0.079	ng/ul	96
7) Acenaphthylene	13.98	152	555	0.062	ng/ul#	70
8) Acenaphthene	14.32	153	5484	0.743	ng/ul	97
9) Fluorene	15.32	166	8304	1.013	ng/ul	99
12) Phenanthrene	17.15	178	32360	0.066	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	124875	7.545	ng/ul	87
22) Benzo(k)fluoranthene	22.76	252	124875	6.667	ng/ul#	87
23) Benzo(a)pyrene	23.33	252	69418	4.124	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.64	276	44178	2.198	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.63	278	10764	0.663	ng/ul#	84
26) Benzo(g,h,i)perylene	26.31	276	42458	2.347	ng/ul	99

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

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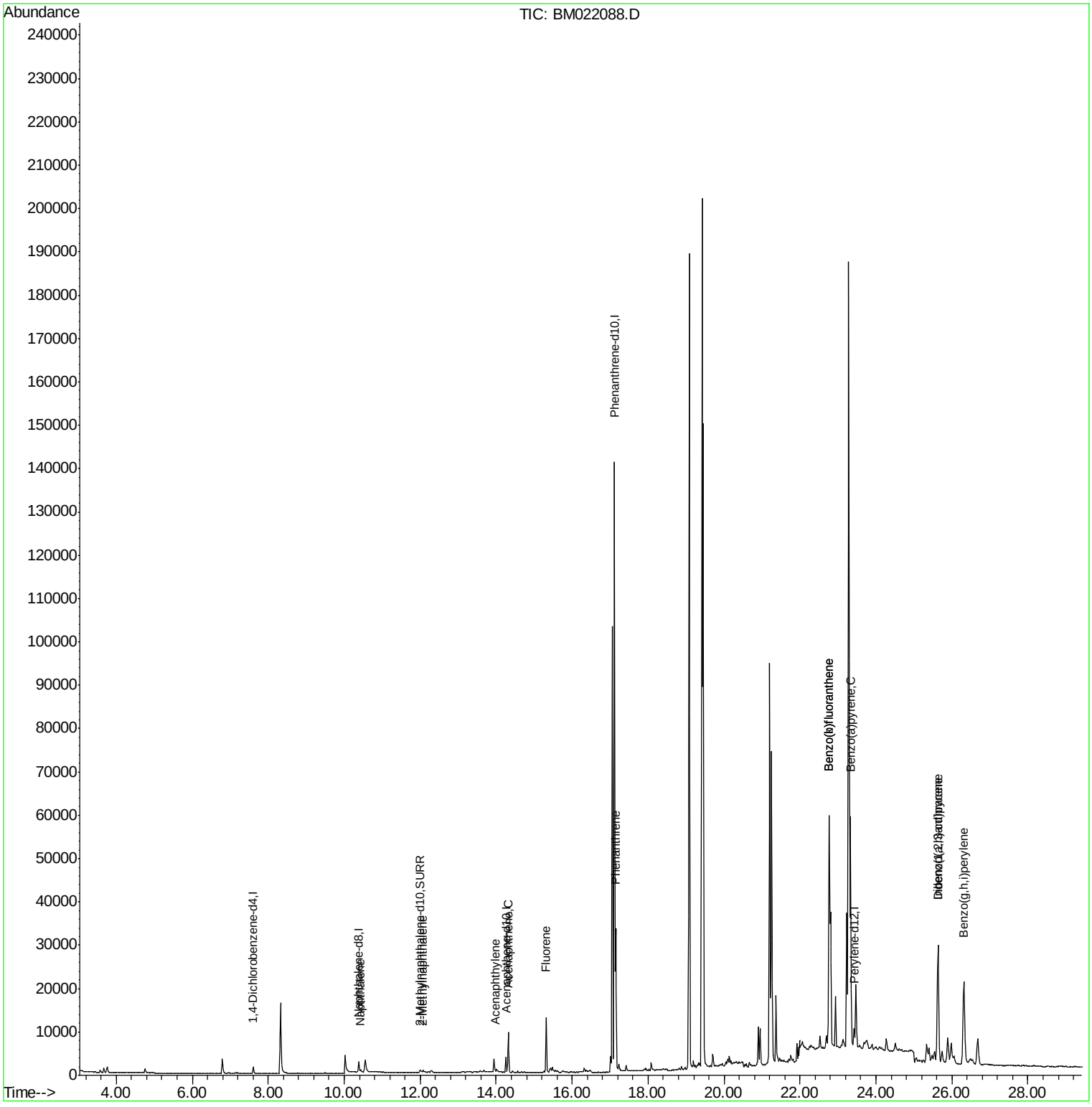
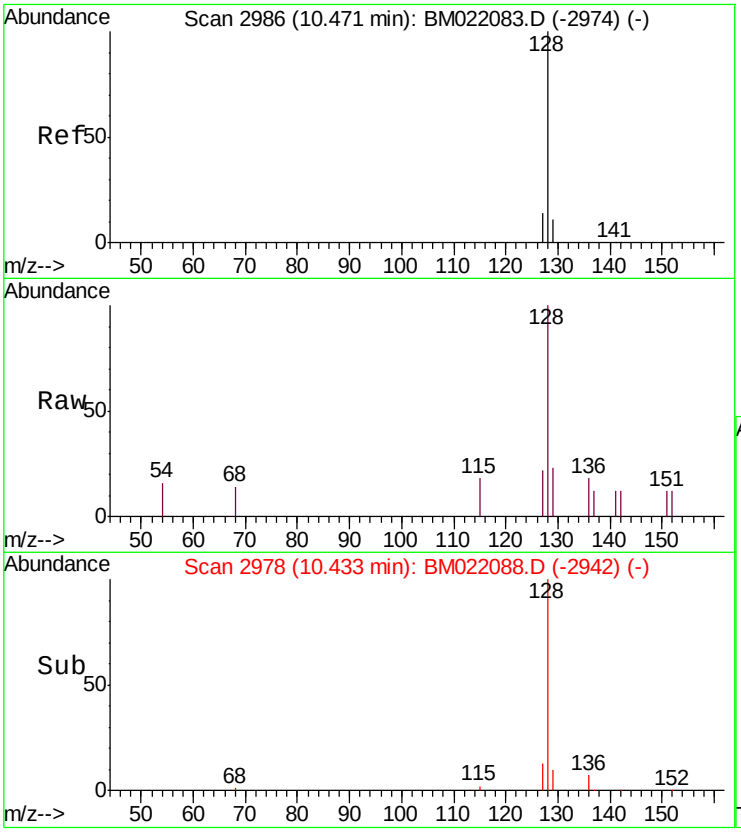


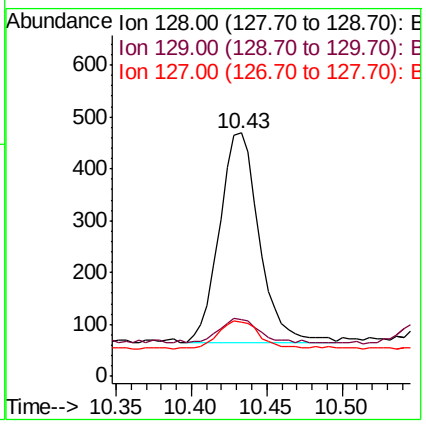


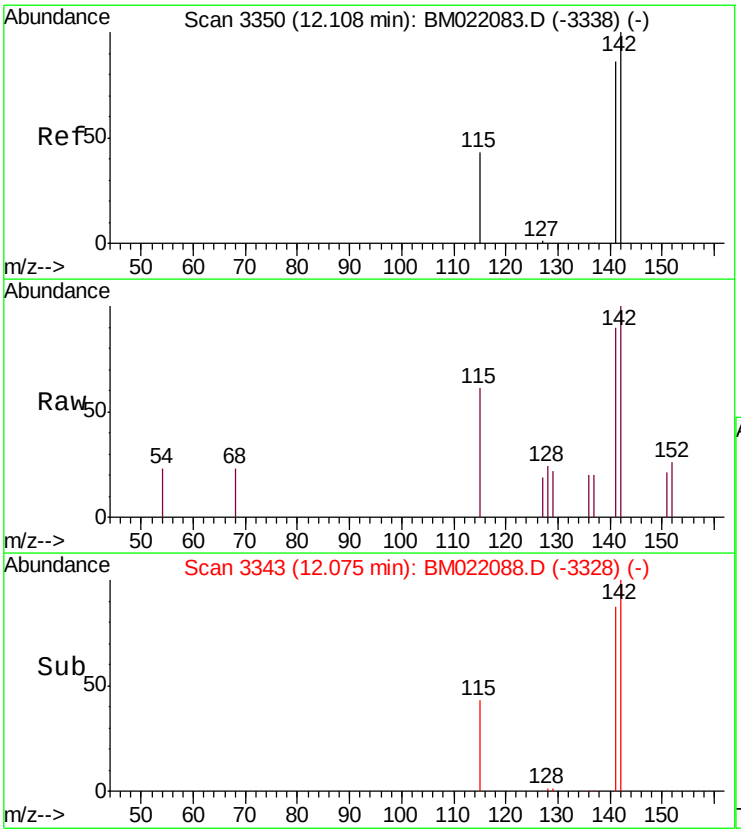
#3
Naphthalene
Concen: 0.075 ng/ul
RT: 10.43 min Scan# 2978
Delta R.T. -0.04 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Instrument :
BNA_M
ClientSampleId :
C0AG5

Tgt Ion:128 Resp: 735

Ion	Ratio	Lower	Upper
128	100		
129	23.5	12.3	18.5#
127	22.4	13.0	19.6#

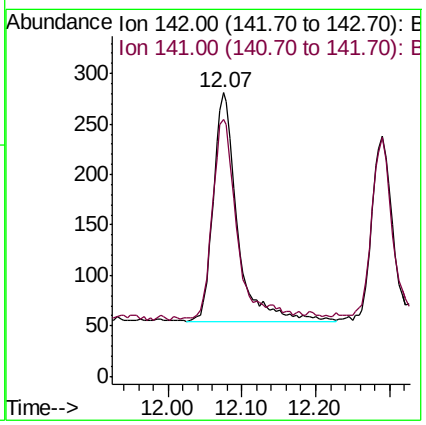


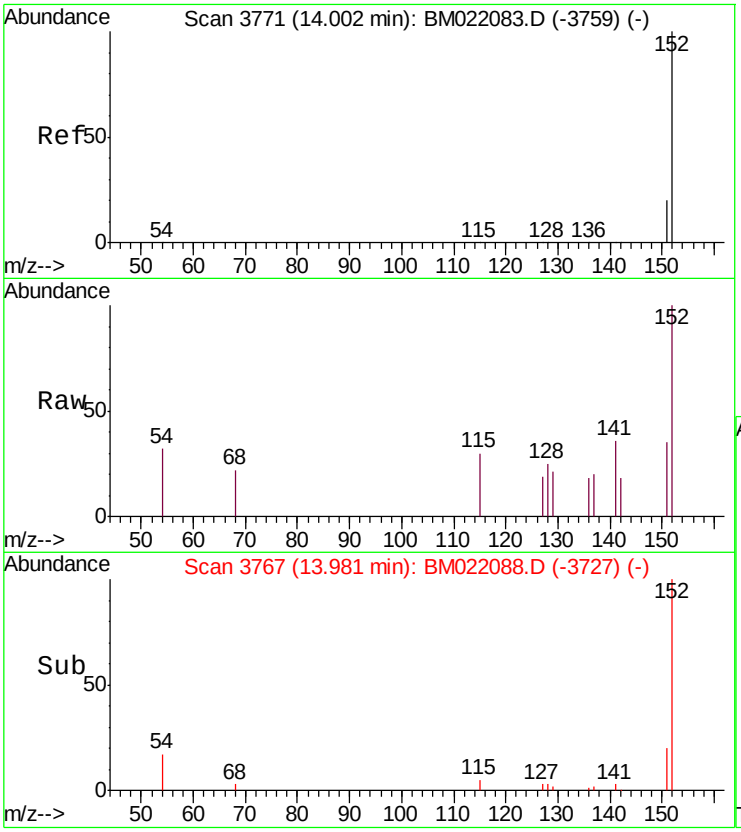


#5
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.07 min Scan# 3343
Delta R.T. -0.03 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Tgt Ion:142 Resp: 519

Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.3	111.5



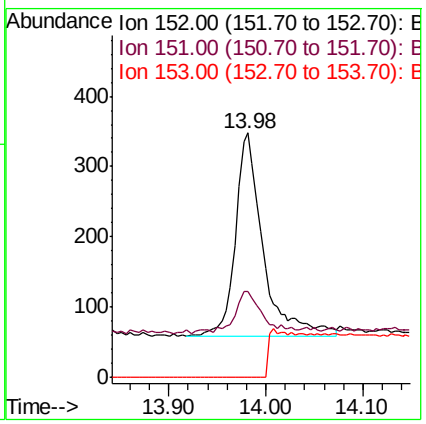


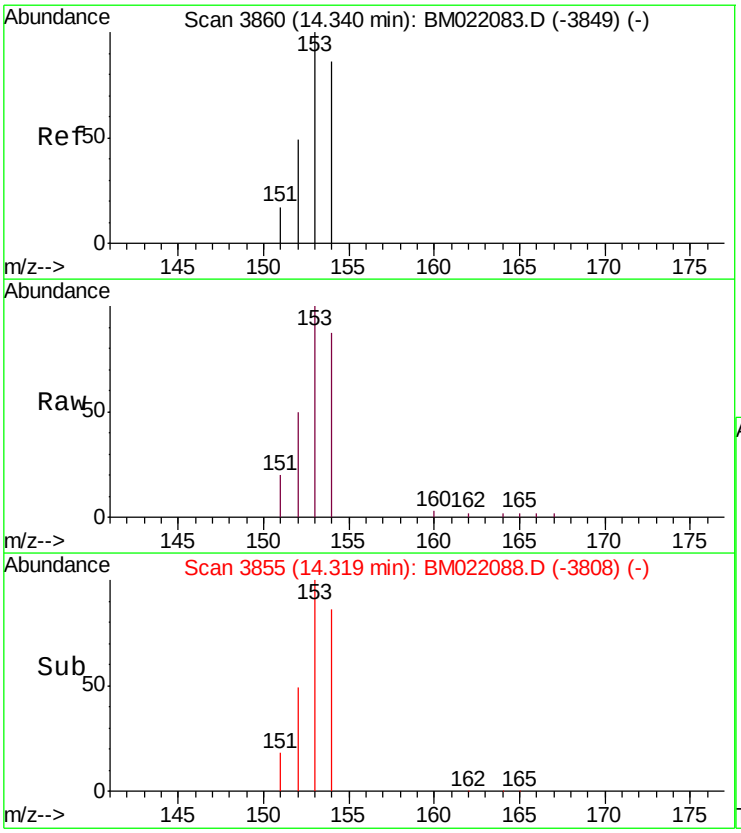
#7
Acenaphthylene
Concen: 0.062 ng/ul
RT: 13.98 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Instrument :
BNA_M
ClientSampleId :
C0AG5

Tgt Ion:152 Resp: 555

Ion	Ratio	Lower	Upper
152	100		
151	34.8	18.3	27.5#
153	0.0	12.8	19.2#

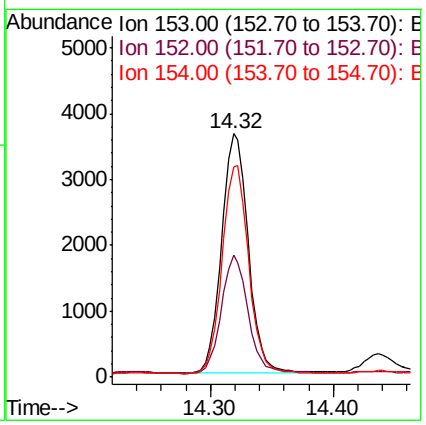


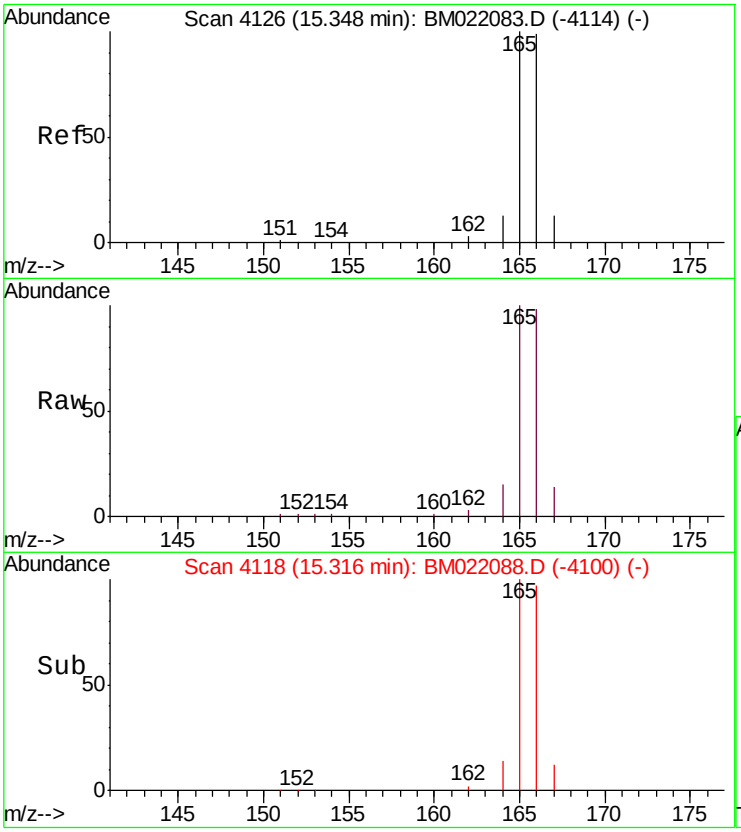


#8
Acenaphthene
Concen: 0.743 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.02 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Tgt Ion:153 Resp: 5484

Ion	Ratio	Lower	Upper
153	100		
152	50.0	41.3	61.9
154	86.6	72.3	108.5



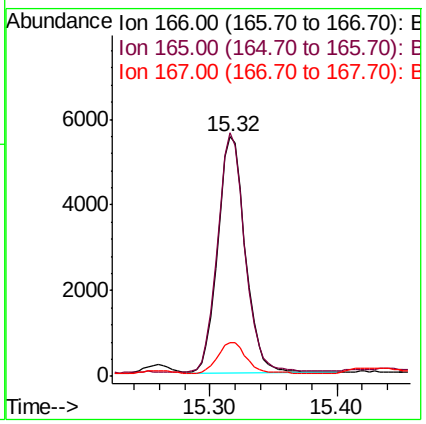


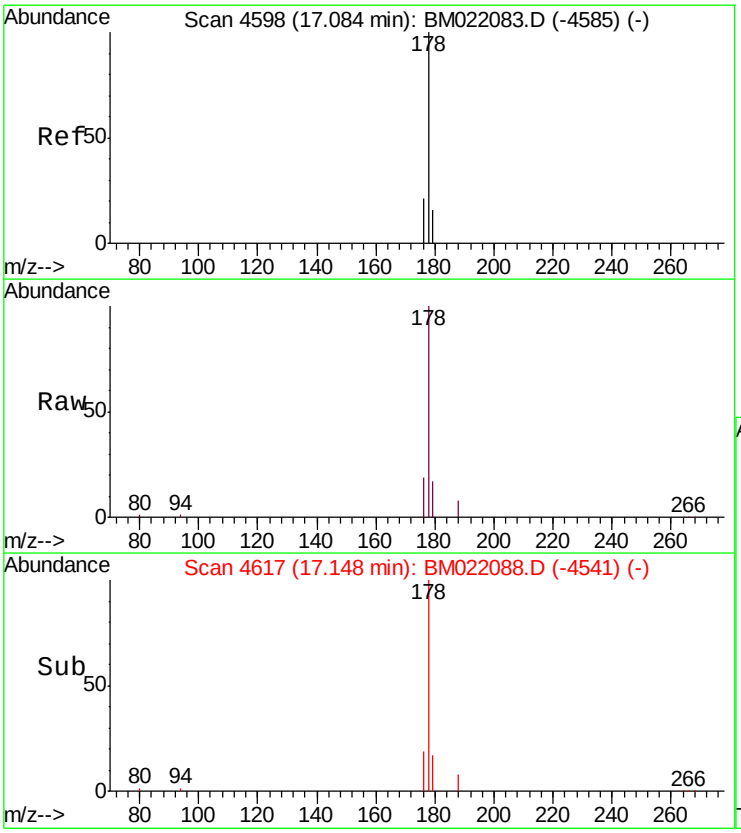
#9
Fluorene
Concen: 1.013 ng/ul
RT: 15.32 min Scan# 4118
Delta R.T. -0.03 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Instrument :
BNA_M
ClientSampleId :
C0AG5

Tgt Ion:166 Resp: 8304

Ion	Ratio	Lower	Upper
166	100		
165	101.8	81.4	122.0
167	14.3	13.7	20.5

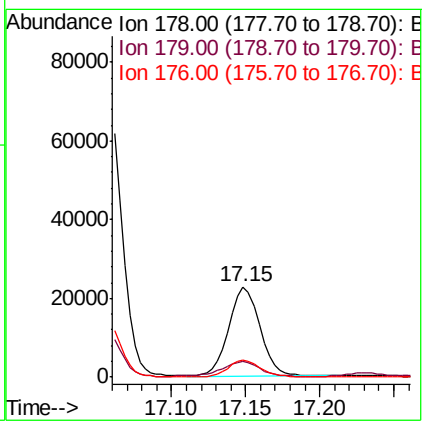


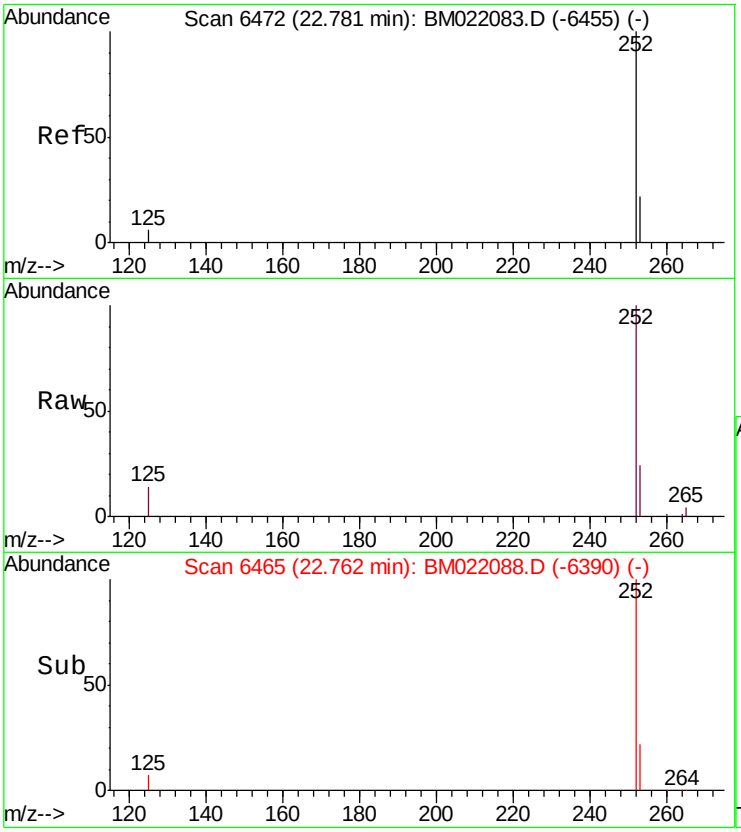


#12
Phenanthrene
Concen: 0.066 ng/ul
RT: 17.15 min Scan# 4617
Delta R.T. 0.06 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Tgt Ion:178 Resp: 32360

Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.2	21.2
176	19.3	16.8	25.2



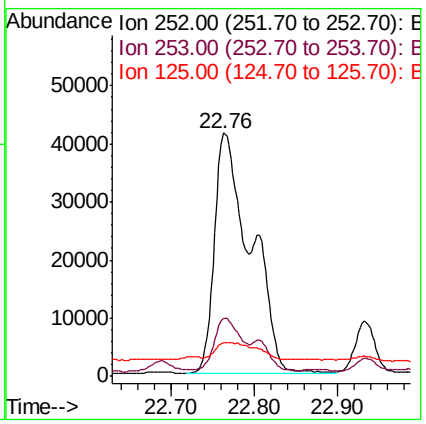


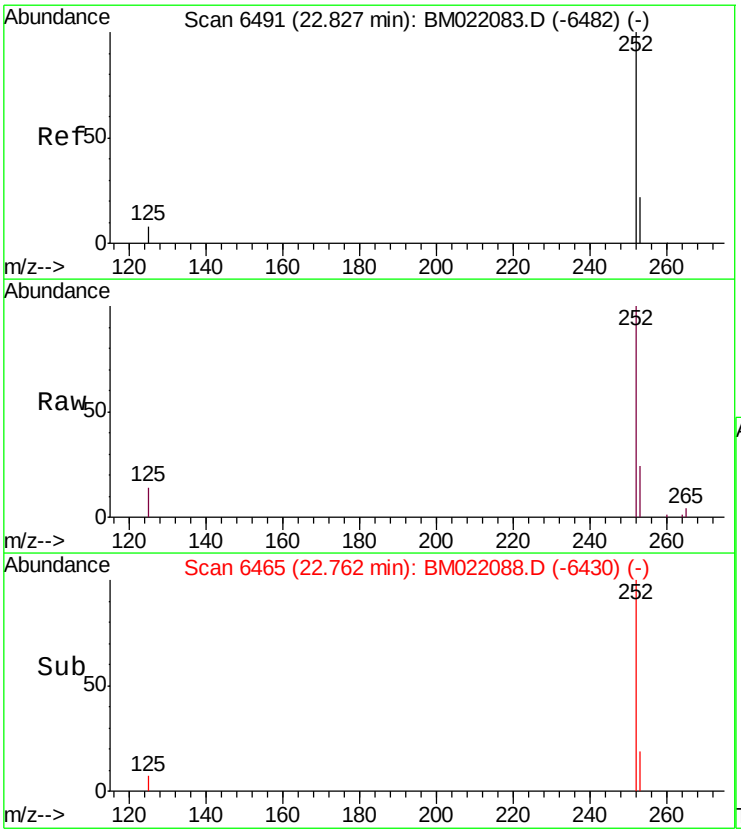
#21
Benzo(b)fluoranthene
Concen: 7.545 ng/ul
RT: 22.76 min Scan# 6465
Delta R.T. -0.02 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Instrument :
BNA_M
ClientSampleId :
C0AG5

Tgt Ion:252 Resp: 124875

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	67.4
125	13.9	0.0	31.0

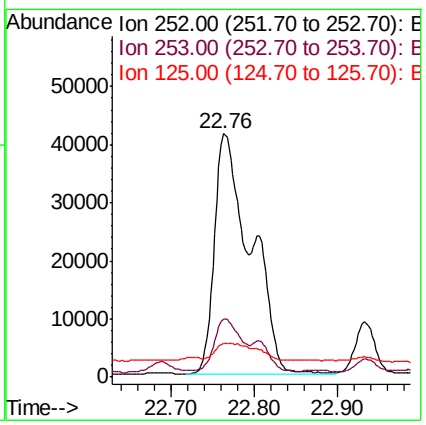


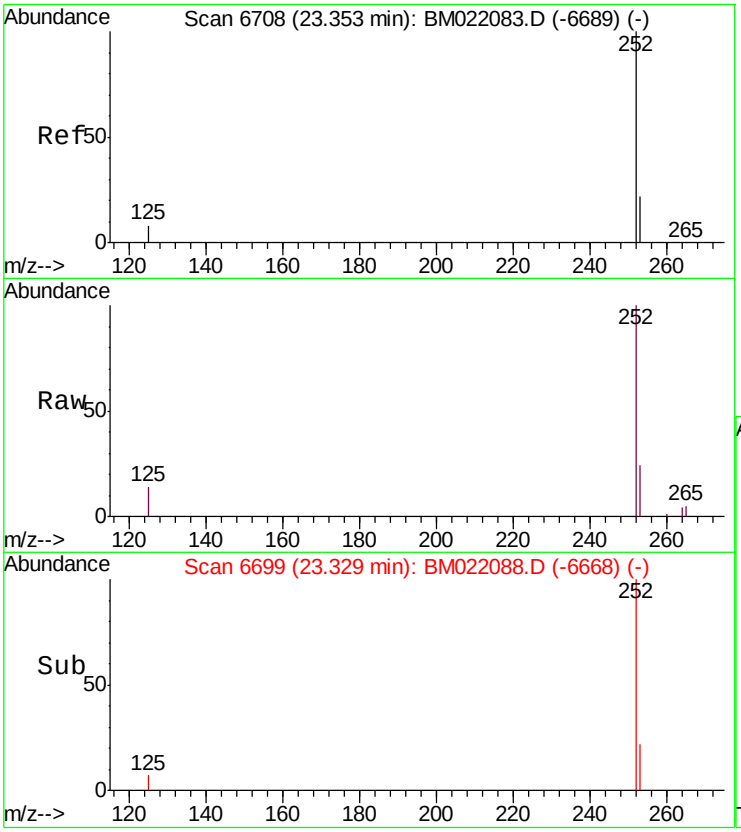


#22
Benzo(k)fluoranthene
Concen: 6.667 ng/ul
RT: 22.76 min Scan# 6465
Delta R.T. -0.07 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Tgt Ion:252 Resp: 124875

Ion	Ratio	Lower	Upper
252	100		
253	24.0	27.0	40.4#
125	13.9	12.2	18.2



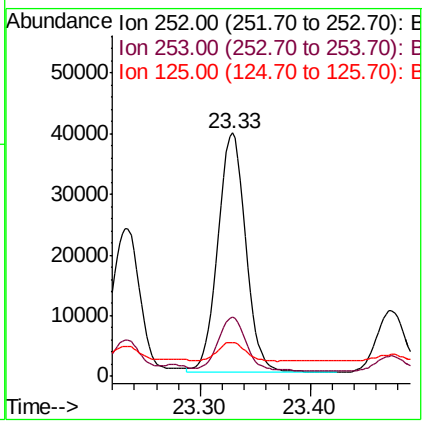


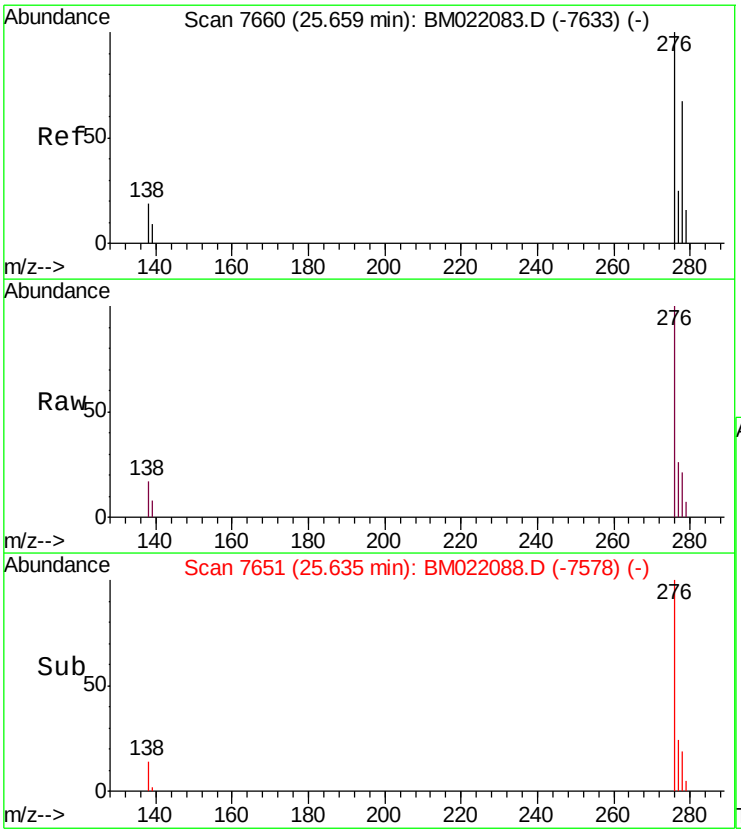
#23
Benzo(a)pyrene
Concen: 4.124 ng/ul
RT: 23.33 min Scan# 6699
Delta R.T. -0.02 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Instrument :
BNA_M
ClientSampleId :
C0AG5

Tgt Ion:252 Resp: 69418

Ion	Ratio	Lower	Upper
252	100		
253	24.3	31.7	47.5#
125	13.9	14.6	21.8#

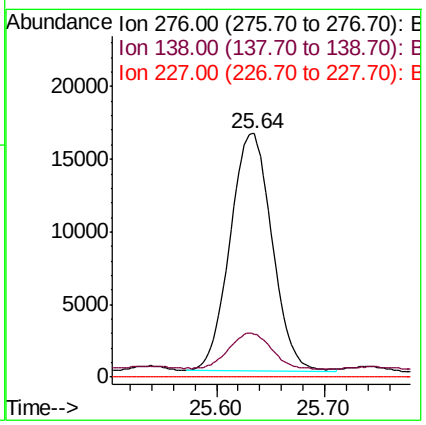


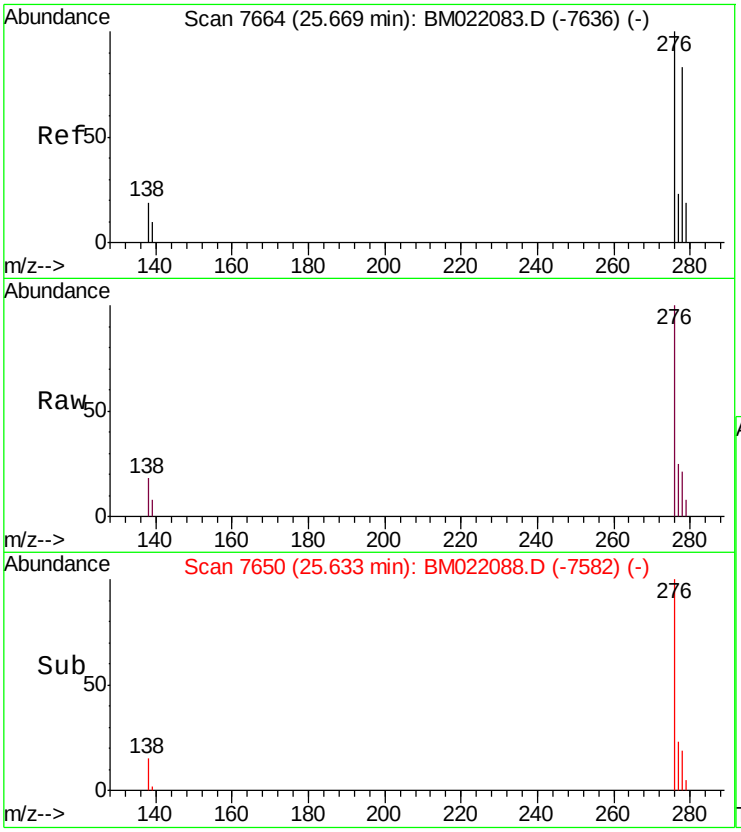


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.198 ng/ul
RT: 25.64 min Scan# 7651
Delta R.T. -0.02 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Tgt Ion:276 Resp: 44178

Ion	Ratio	Lower	Upper
276	100		
138	15.2	15.1	22.7
227	0.0	0.0	0.0



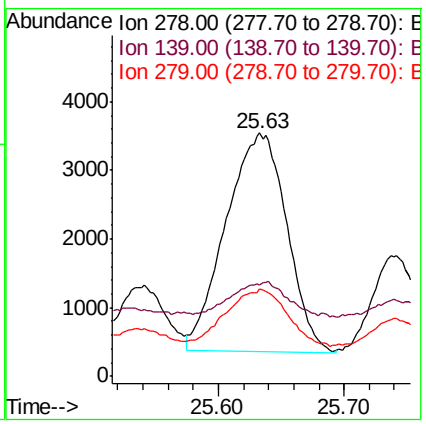


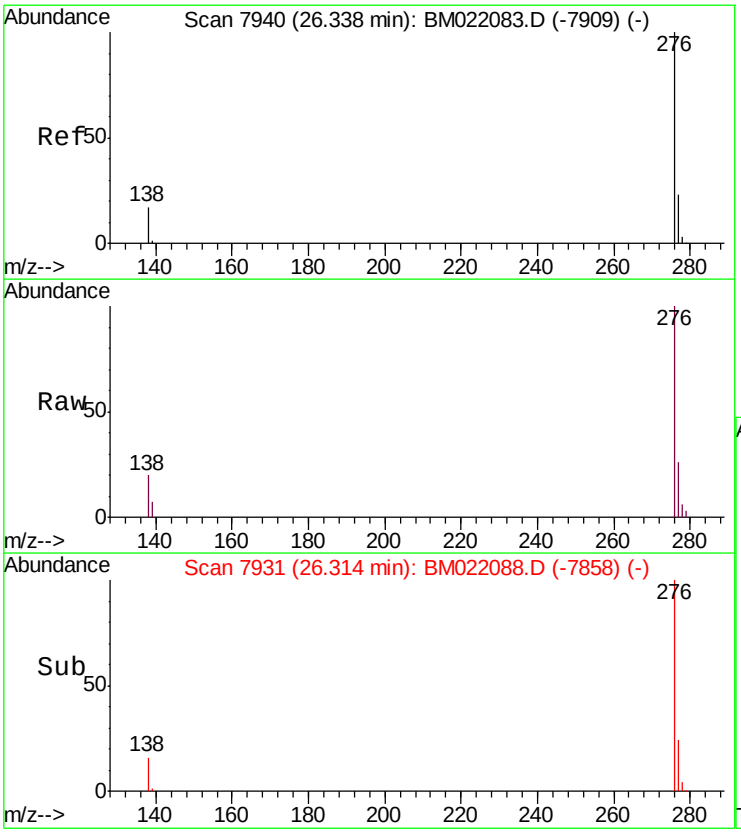
#25
Dibenzo(a,h)anthracene
Concen: 0.663 ng/ul
RT: 25.63 min Scan# 7650
Delta R.T. -0.04 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Instrument :
BNA_M
ClientSampleId :
C0AG5

Tgt Ion:278 Resp: 10764

Ion	Ratio	Lower	Upper
278	100		
139	37.3	14.2	21.2#
279	36.0	28.3	42.5





#26
Benzo(g,h,i)perylene
Concen: 2.347 ng/ul
RT: 26.31 min Scan# 7931
Delta R.T. -0.02 min
Lab File: BM022088.D
Acq: 14 Aug 2019 02:45

Tgt Ion:276 Resp: 42458

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.5	23.3
277	26.3	21.4	32.2