Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
Data File : BM022175.D
Acq On : 16 Aug 2019 18:13
Operator : HP/JU
Sample : K4242-08DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 04:14:06 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 : Fri Aug 16 14:59:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	828	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3412	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	2057	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.11	188	29084	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.23
20) Perylene-d12	23.44	264	7539	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	184	0.03	ng/ul	-0.03
14) Fluoranthene-d10	19.16	212	17	0.00	ng/ul	0.09
Target Compounds						Qvalue
3) Naphthalene	10.42	128	1709	0.177	ng/ul#	65
5) 2-Methylnaphthalene	12.05	142	1009	0.157	ng/ul	89
7) Acenaphthylene	13.98	152	1059	0.110	ng/ul#	70
8) Acenaphthene	14.32	153	190	0.024	ng/ul#	77
9) Fluorene	15.31	166	242	0.028	ng/ul#	44
21) Benzo(b)fluoranthene	22.78	252	22701	0.893	ng/ul#	1
22) Benzo(k)fluoranthene	22.78	252	22701	0.789	ng/ul#	1
23) Benzo(a)pyrene	23.35	252	12884	0.498	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.66	276	10047	0.325	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.66	278	2589	0.104	ng/ul#	1
26) Benzo(g,h,i)perylene	26.34	276	10923	0.393	ng/ul#	51

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

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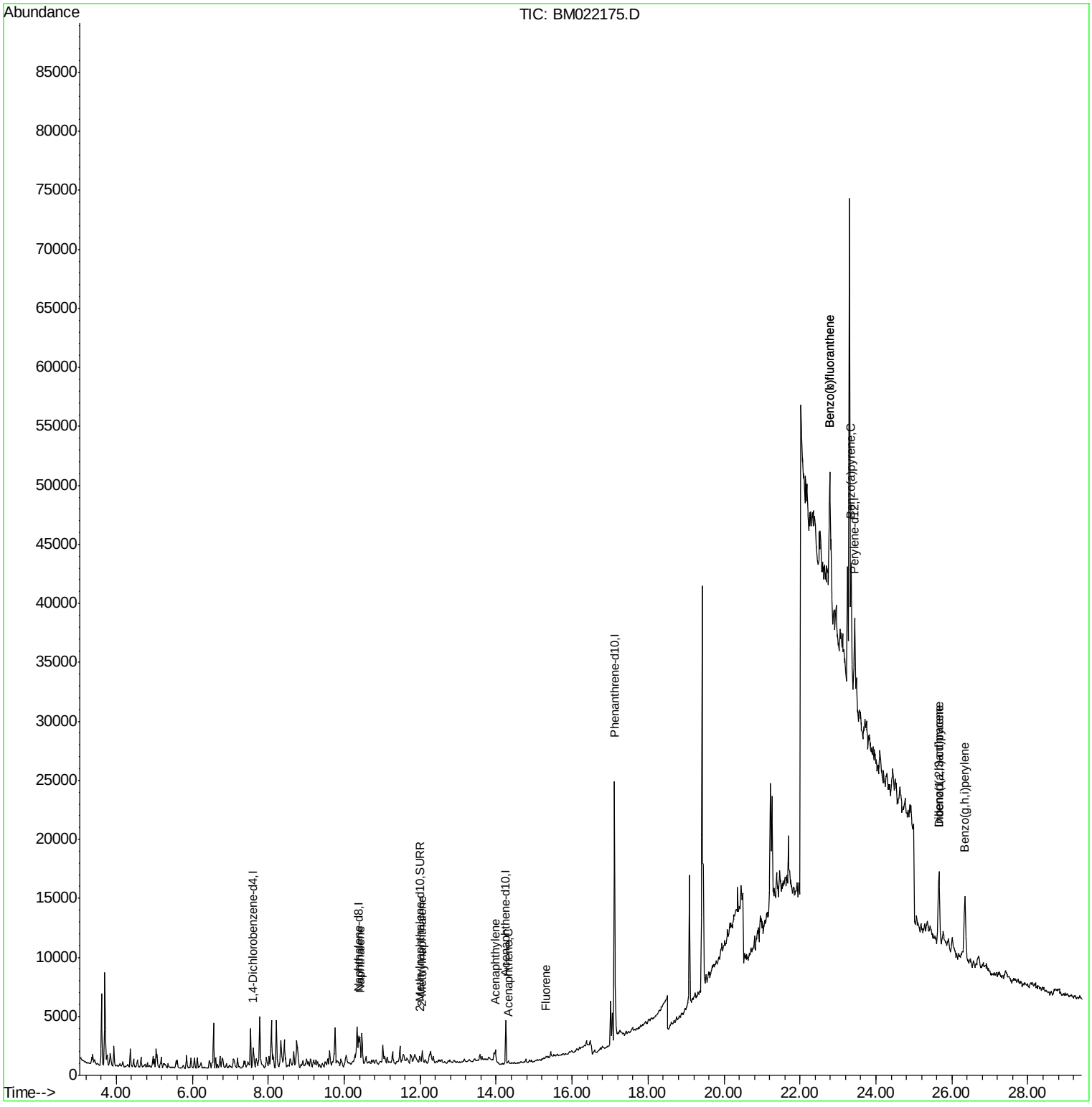
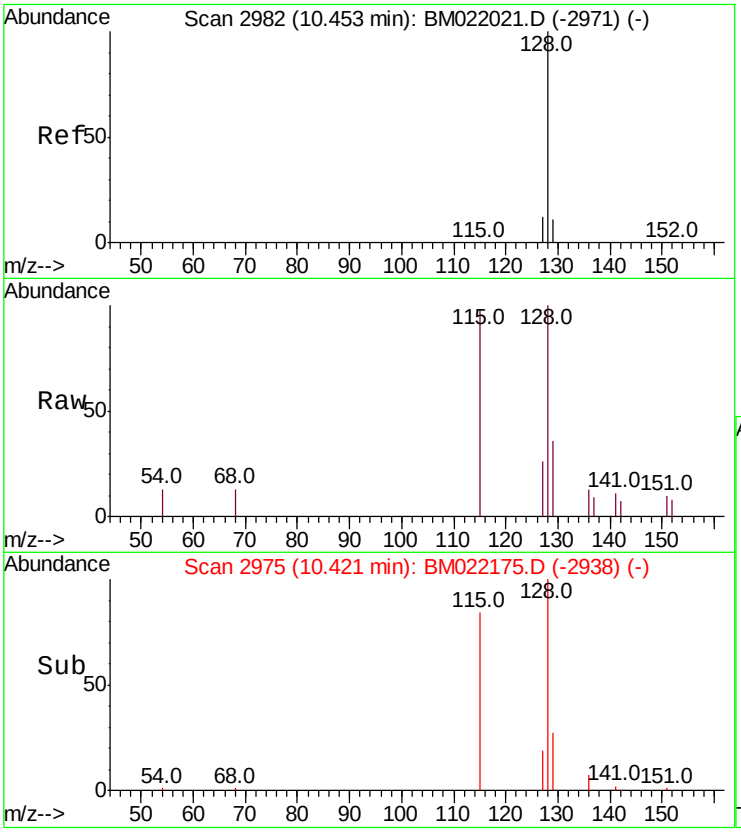


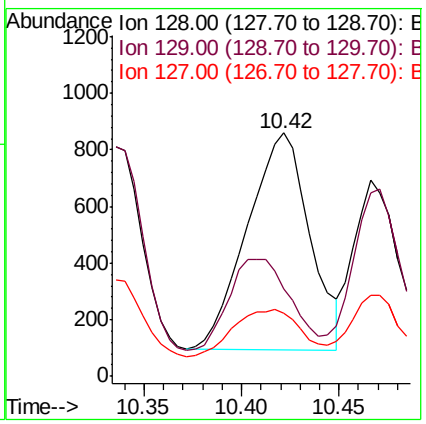


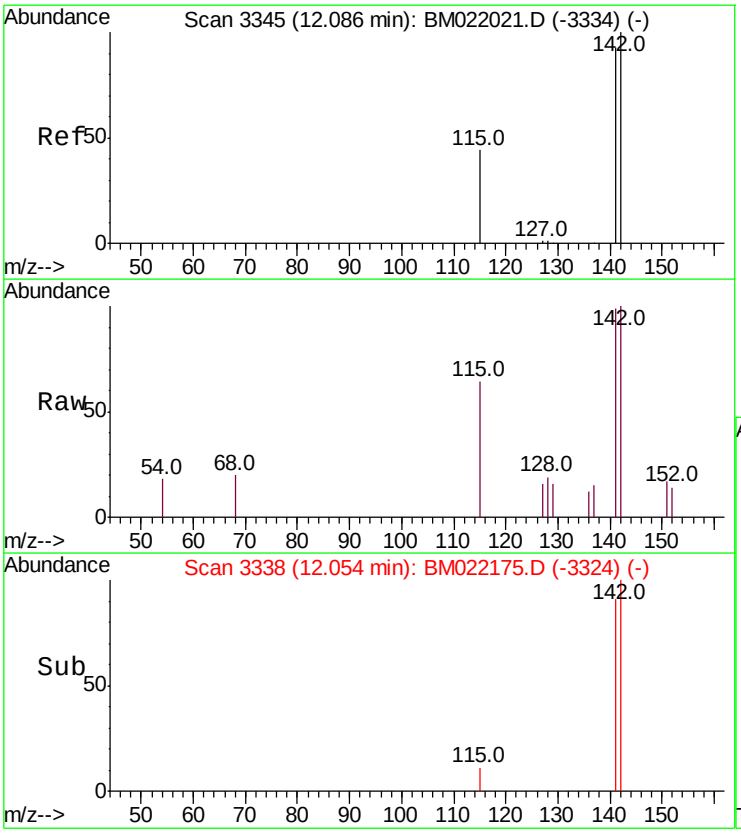
#3
Naphthalene
Concen: 0.177 ng/ul
RT: 10.42 min Scan# 2975
Delta R.T. -0.03 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1709

Ion	Ratio	Lower	Upper
128	100		
129	36.0	12.3	18.5#
127	25.8	13.0	19.6#

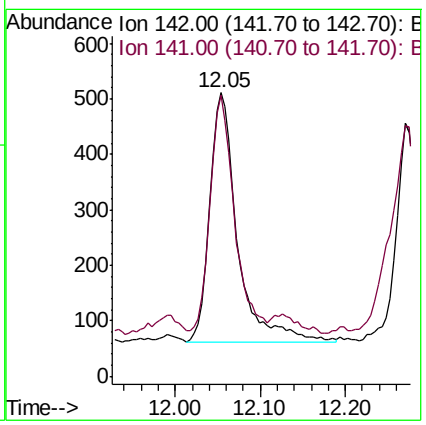


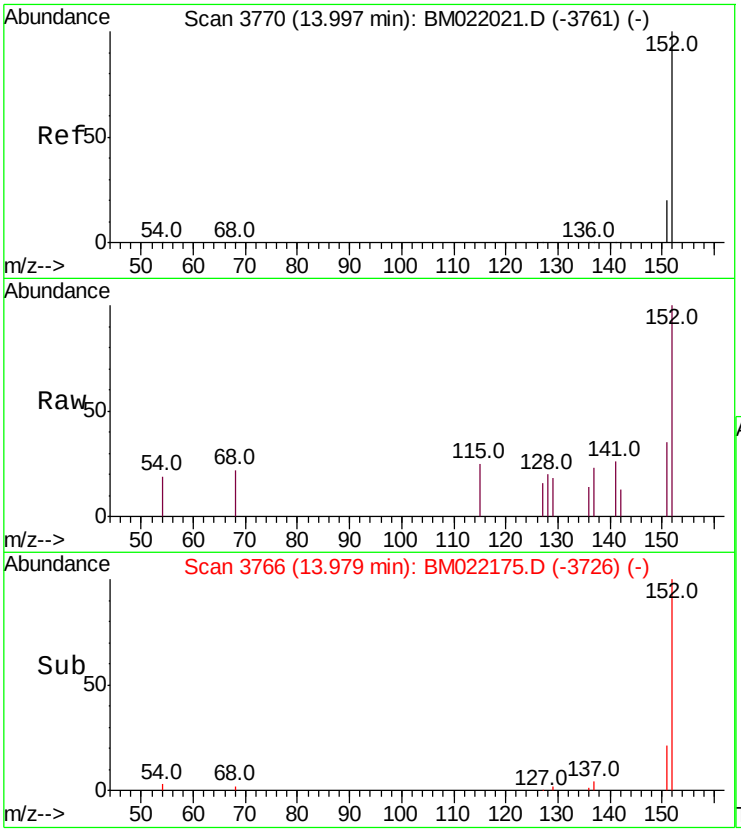


#5
2-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.05 min Scan# 3338
Delta R.T. -0.04 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Tgt Ion:142 Resp: 1009

Ion	Ratio	Lower	Upper
142	100		
141	82.5	74.3	111.5



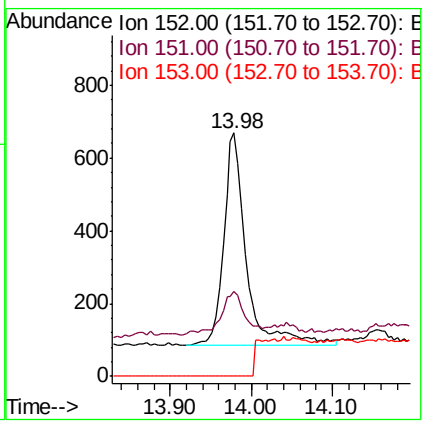


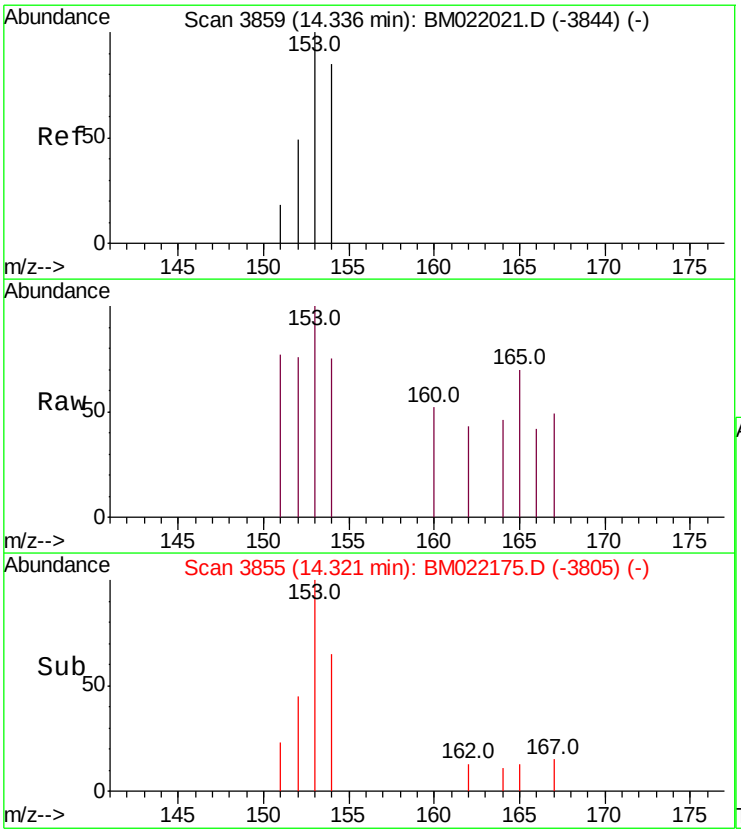
#7
Acenaphthylene
Concen: 0.110 ng/ul
RT: 13.98 min Scan# 3766
Delta R.T. -0.02 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 1059

Ion	Ratio	Lower	Upper
152	100		
151	35.1	18.3	27.5#
153	0.0	12.8	19.2#

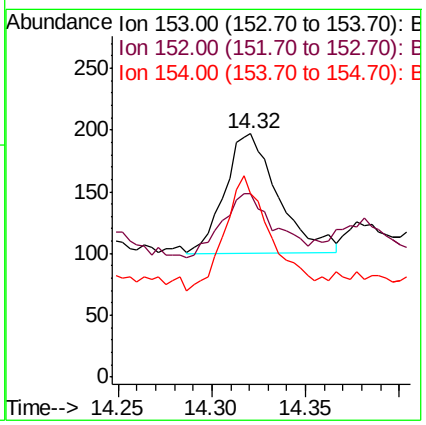


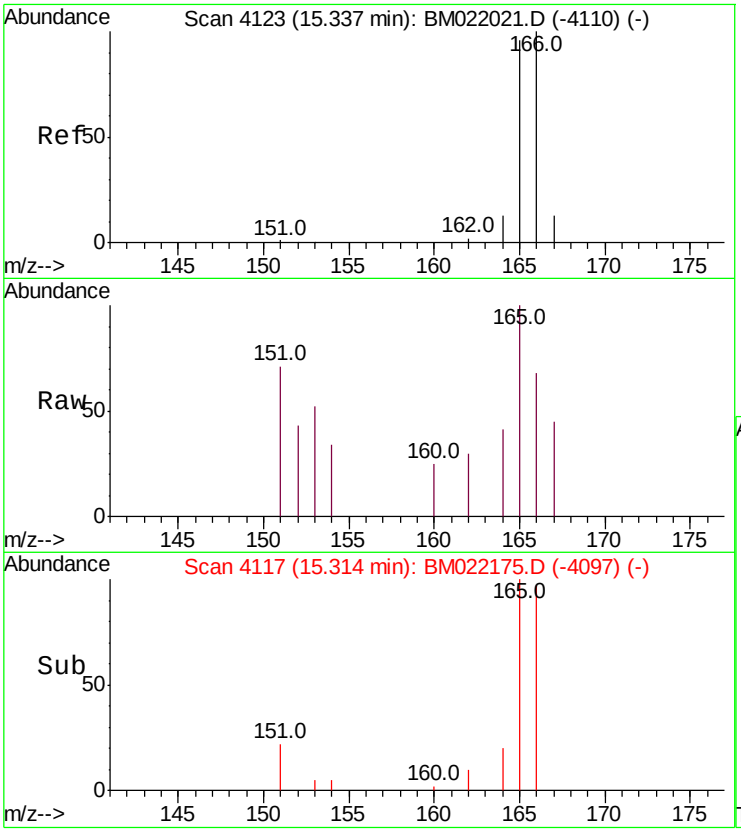


#8
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.32 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Tgt Ion:153 Resp: 190

Ion	Ratio	Lower	Upper
153	100		
152	75.6	41.3	61.9#
154	75.1	72.3	108.5



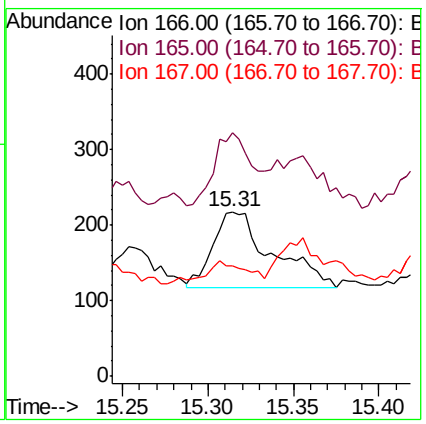


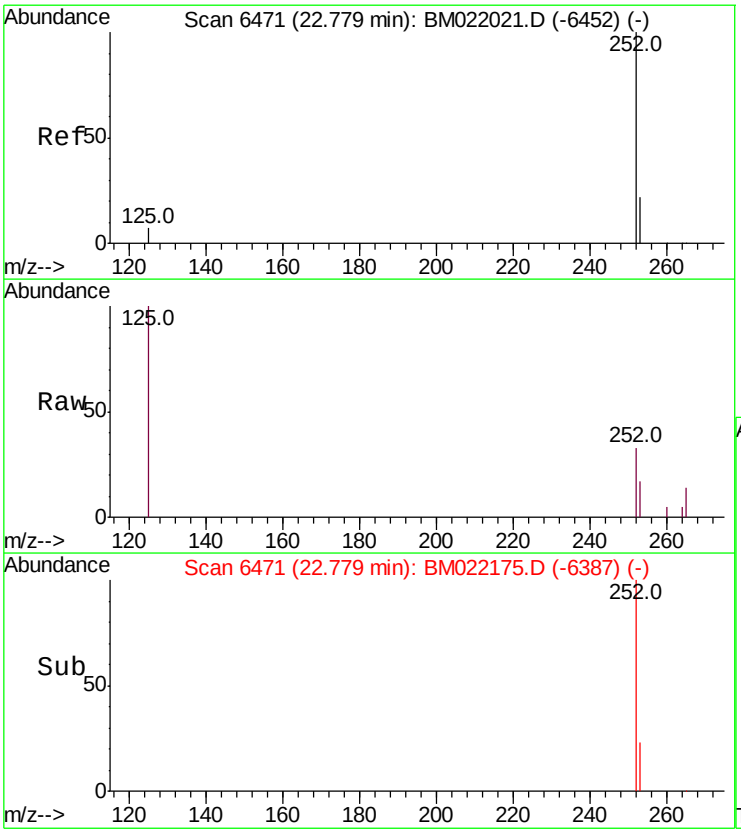
#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.31 min Scan# 4117
Delta R.T. -0.02 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 242

Ion	Ratio	Lower	Upper
166	100		
165	147.7	81.4	122.0#
167	67.0	13.7	20.5#

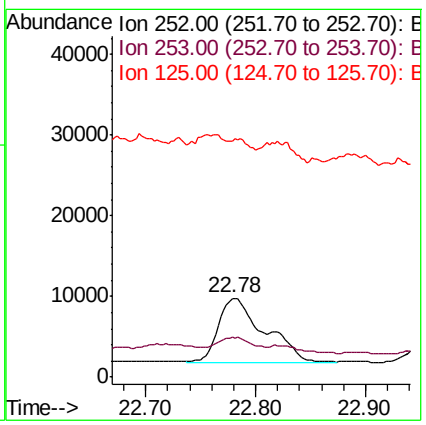


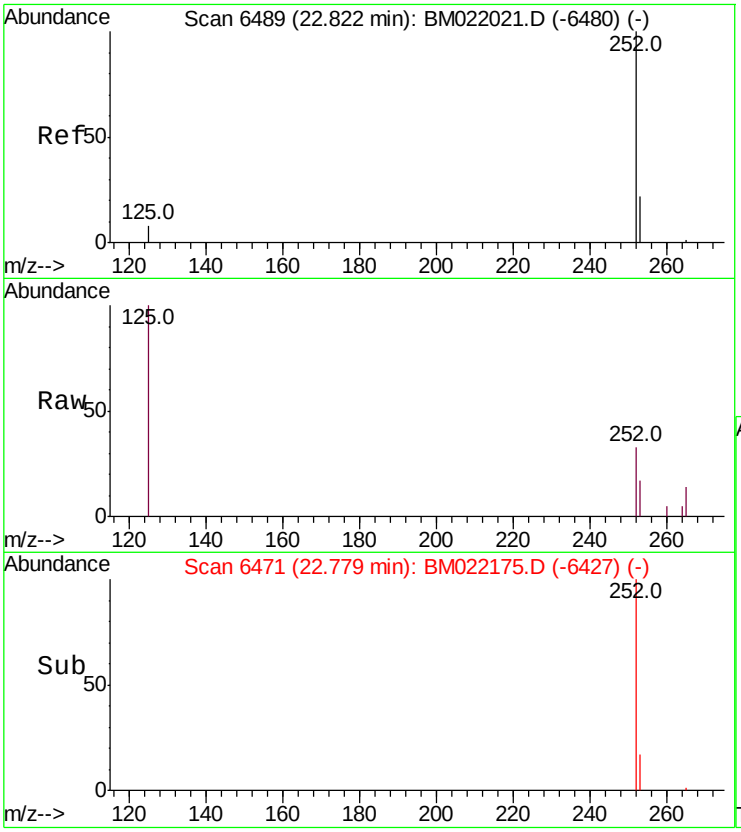


#21
Benzo(b)fluoranthene
Concen: 0.893 ng/ul
RT: 22.78 min Scan# 6471
Delta R.T. 0.00 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Tgt Ion:252 Resp: 22701

Ion	Ratio	Lower	Upper
252	100		
253	50.6	0.0	67.4
125	299.5	0.0	31.0#



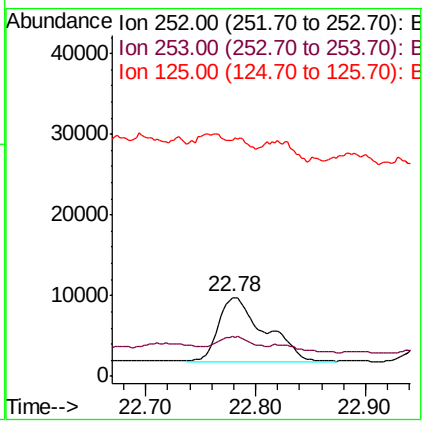


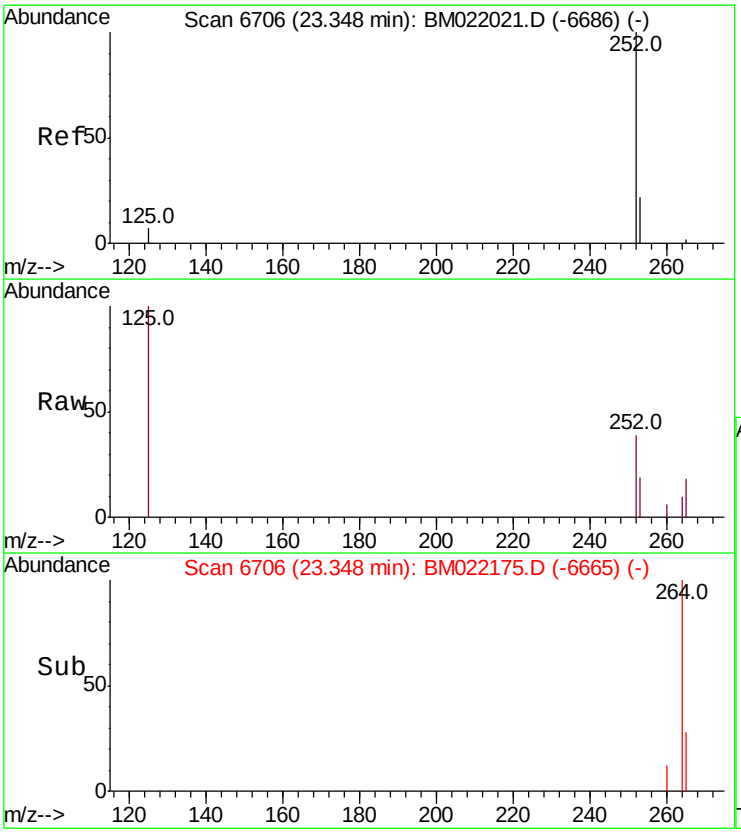
#22
Benzo(k)fluoranthene
Concen: 0.789 ng/ul
RT: 22.78 min Scan# 6471
Delta R.T. -0.04 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 22701

Ion	Ratio	Lower	Upper
252	100		
253	50.6	27.0	40.4#
125	299.5	12.2	18.2#

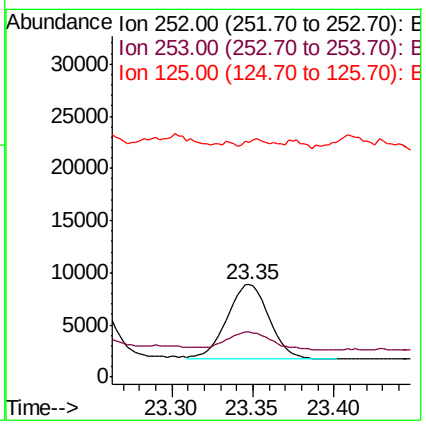


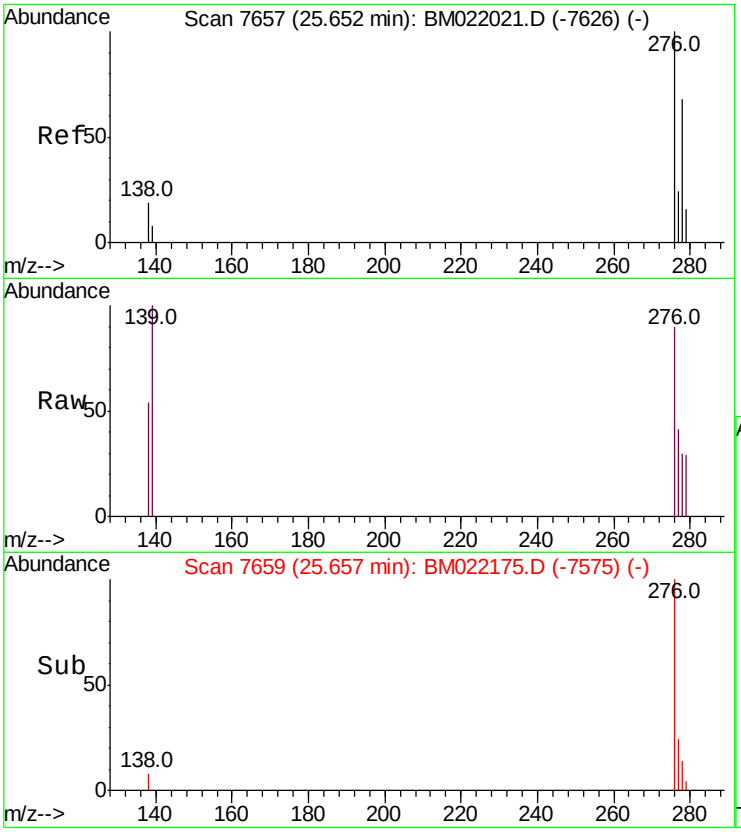


#23
Benzo(a)pyrene
Concen: 0.498 ng/ul
RT: 23.35 min Scan# 6706
Delta R.T. -0.00 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Tgt Ion:252 Resp: 12884

Ion	Ratio	Lower	Upper
252	100		
253	48.4	31.7	47.5#
125	254.8	14.6	21.8#



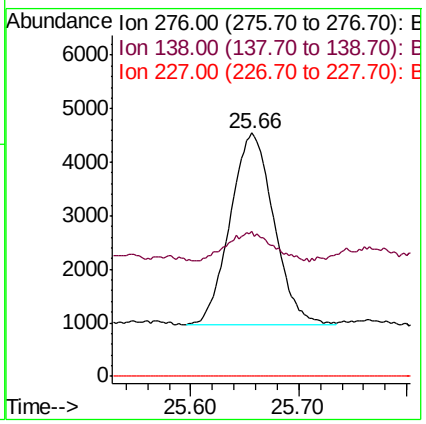


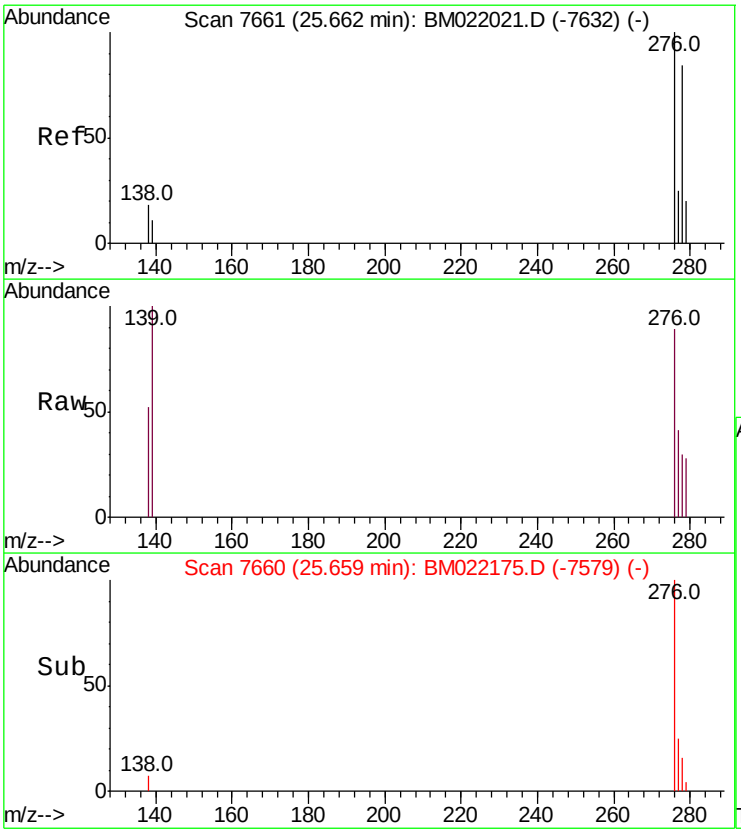
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 25.66 min Scan# 7659
Delta R.T. 0.00 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 10047

Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.1	22.7
227	0.0	0.0	0.0

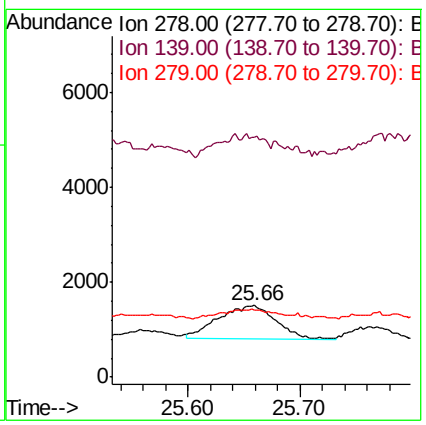


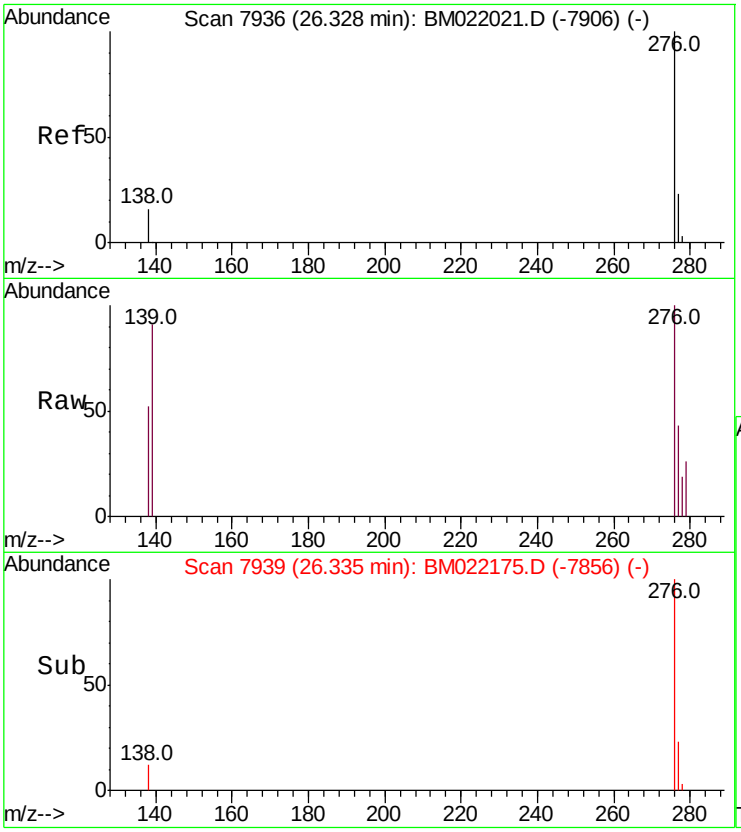


#25
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.00 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Tgt Ion:278 Resp: 2589

Ion	Ratio	Lower	Upper
278	100		
139	335.1	14.2	21.2#
279	94.4	28.3	42.5#





#26
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.34 min Scan# 7939
Delta R.T. -0.00 min
Lab File: BM022175.D
Acq: 16 Aug 2019 18:13

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 10923

Ion	Ratio	Lower	Upper
276	100		
138	52.0	15.5	23.3#
277	43.4	21.4	32.2#