Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029189.D
Acq On : 22 Mar 2021 22:06
Operator : CG/JU
Sample : SSTD1.605
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD1.6005

Quant Time: Mar 23 02:12:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 02:06:52 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2185	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	6817	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	3486	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.12	188	7149	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	7638	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	7242	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	2787	1.07	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.14	152	14732	1.41	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	27732	1.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	3127	1.227	ng/ul#	82
5) Naphthalene	10.60	128	29212	1.548	ng/ul	97
7) 2-Methylnaphthalene	12.21	142	19329	1.496	ng/ul	100
8) 1-Methylnaphthalene	12.43	142	18563	1.506	ng/ul	100
10) Acenaphthylene	14.11	152	22982	1.485	ng/ul	98
11) Acenaphthene	14.46	153	19405	1.596	ng/ul	99
12) Fluorene	15.44	166	21670	1.566	ng/ul	98
14) Pentachlorophenol	16.77	266	2815	1.436	ng/ul	98
15) Phenanthrene	17.17	178	33447	1.529	ng/ul	99
16) Anthracene	17.26	178	29862	1.479	ng/ul	98
19) Fluoranthene	19.18	202	36776	1.289	ng/ul	100
20) Pyrene	19.54	202	36170	1.240	ng/ul	100
21) Benzo(a)anthracene	21.28	228	33351	1.227	ng/ul	99
22) Chrysene	21.33	228	36605	1.304	ng/ul	99
24) Benzo(b)fluoranthene	22.85	252	38740	1.355	ng/ul	93
25) Benzo(k)fluoranthene	22.90	252	40293	1.432	ng/ul#	92
26) Benzo(a)pyrene	23.43	252	32103	1.306	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.78	276	49521	1.525	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.80	278	41961	1.546	ng/ul	97
29) Benzo(g,h,i)perylene	26.47	276	40285	1.473	ng/ul	97

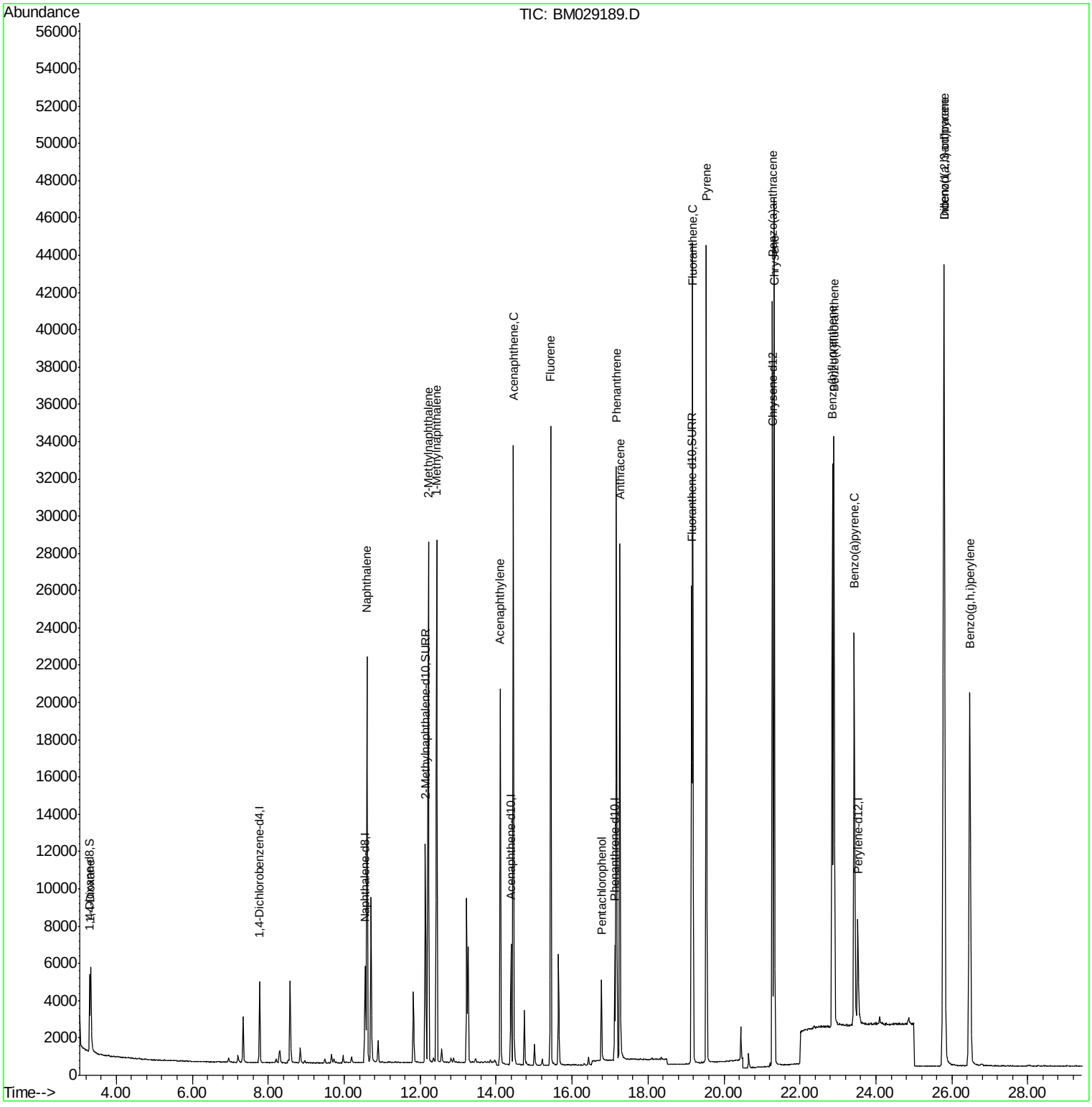
(#) = qualifier out of range (m) = manual integration (+) = signals summed

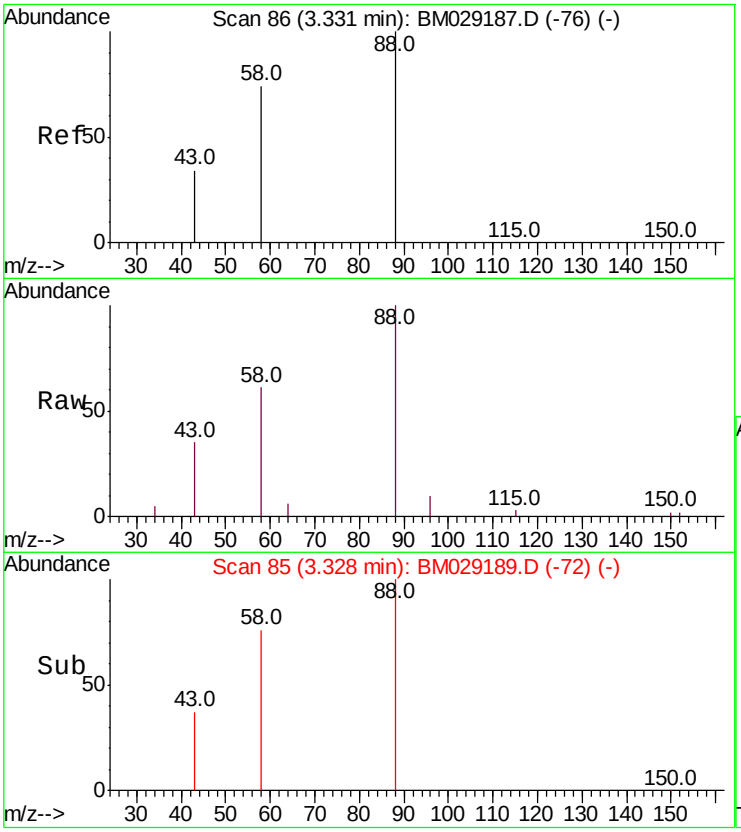
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029189.D
Acq On : 22 Mar 2021 22:06
Operator : CG/JU
Sample : SSTD1.605
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Quant Time: Mar 23 02:12:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 02:06:52 2021
Response via : Initial Calibration



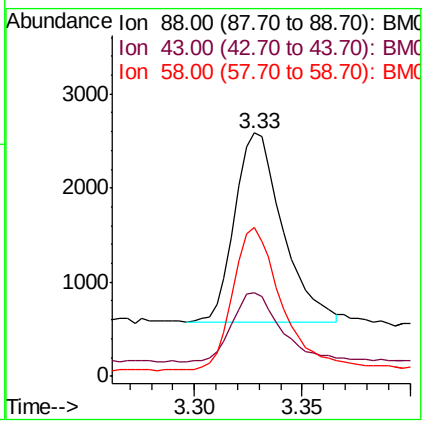


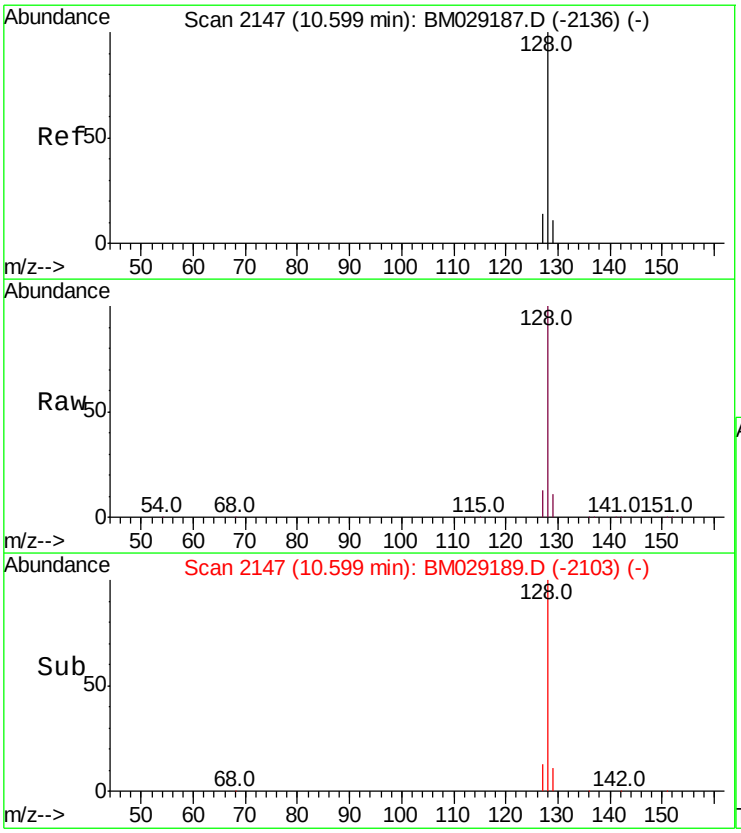
#2
1,4-Dioxane
Concen: 1.227 ng/ul
RT: 3.33 min Scan# 85
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion: 88 Resp: 3127

Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.1	39.1
58	60.9	33.8	50.6#

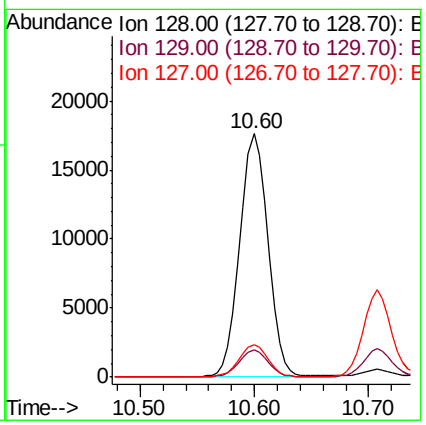


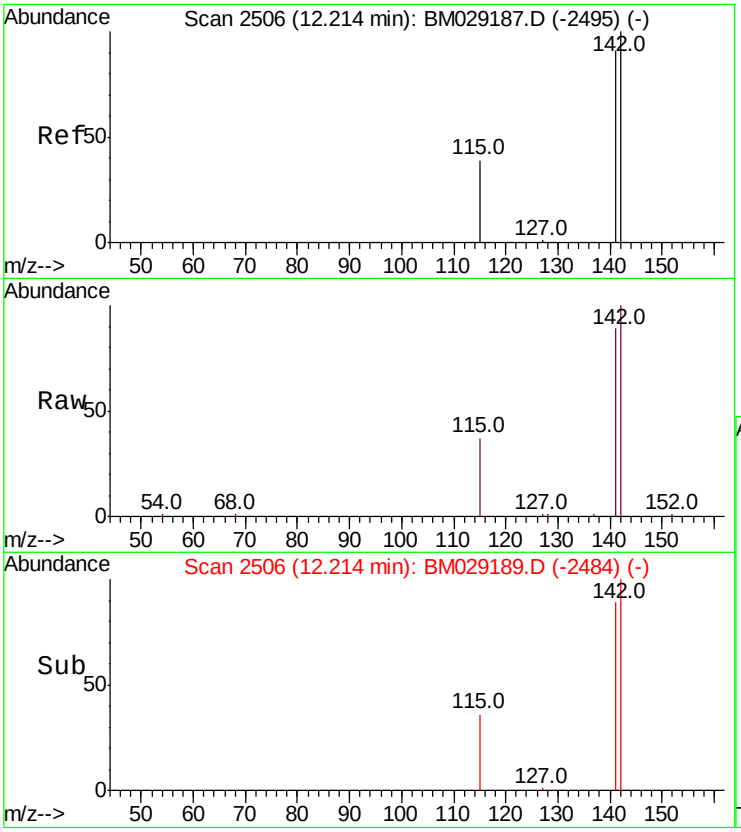


#5
Naphthalene
Concen: 1.548 ng/ul
RT: 10.60 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:128 Resp: 29212

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.2	11.8	17.8



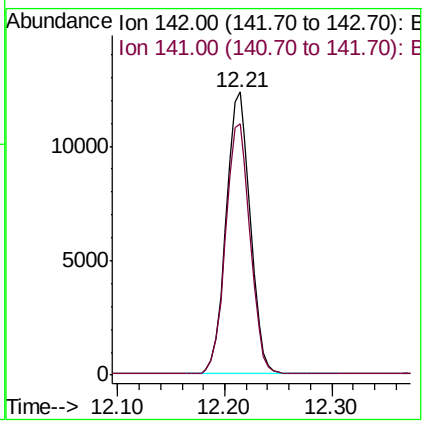


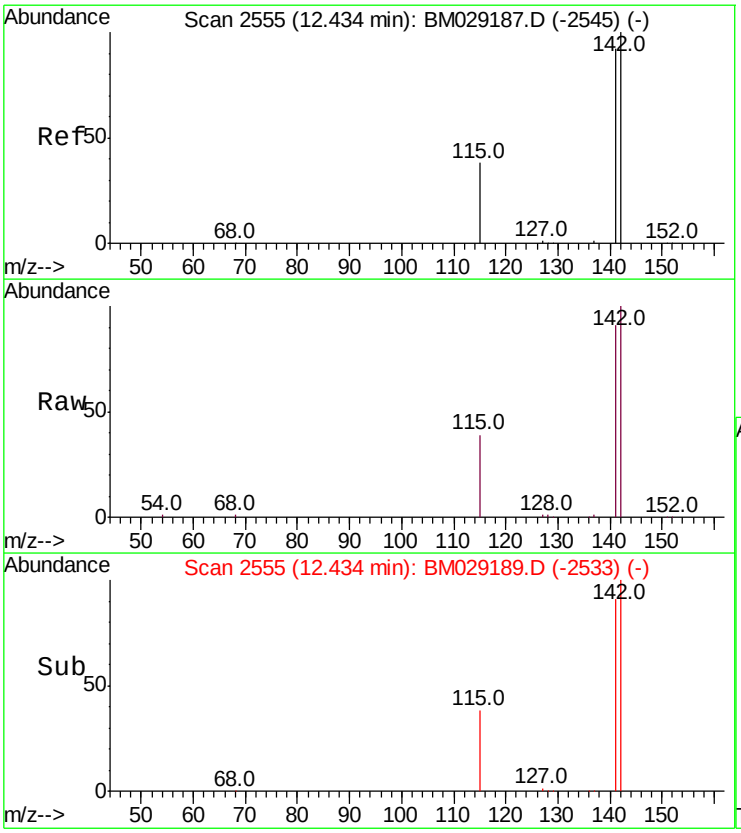
#7
2-Methylnaphthalene
Concen: 1.496 ng/ul
RT: 12.21 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:142 Resp: 19329

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.0	108.0

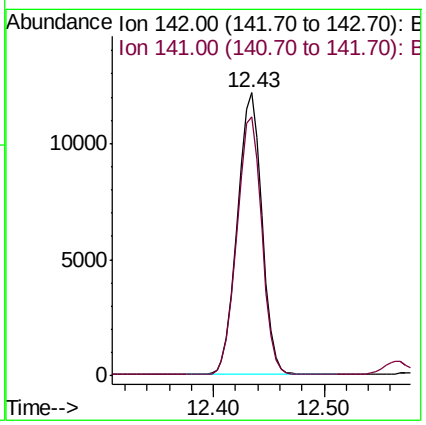


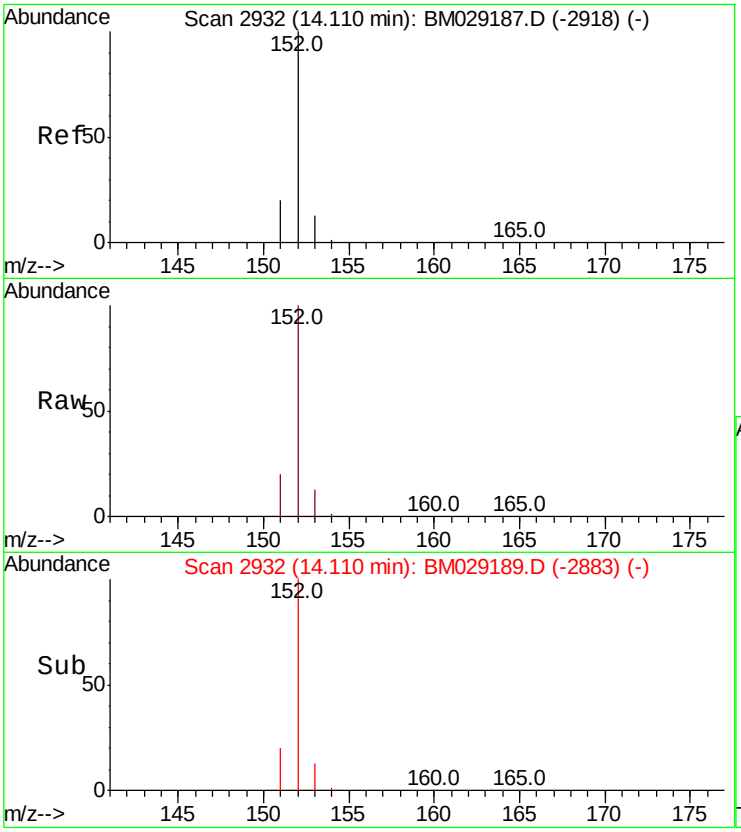


#8
1-Methylnaphthalene
Concen: 1.506 ng/ul
RT: 12.43 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:142 Resp: 18563

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.0	111.0



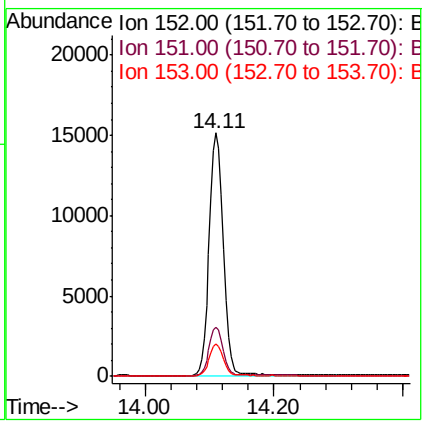


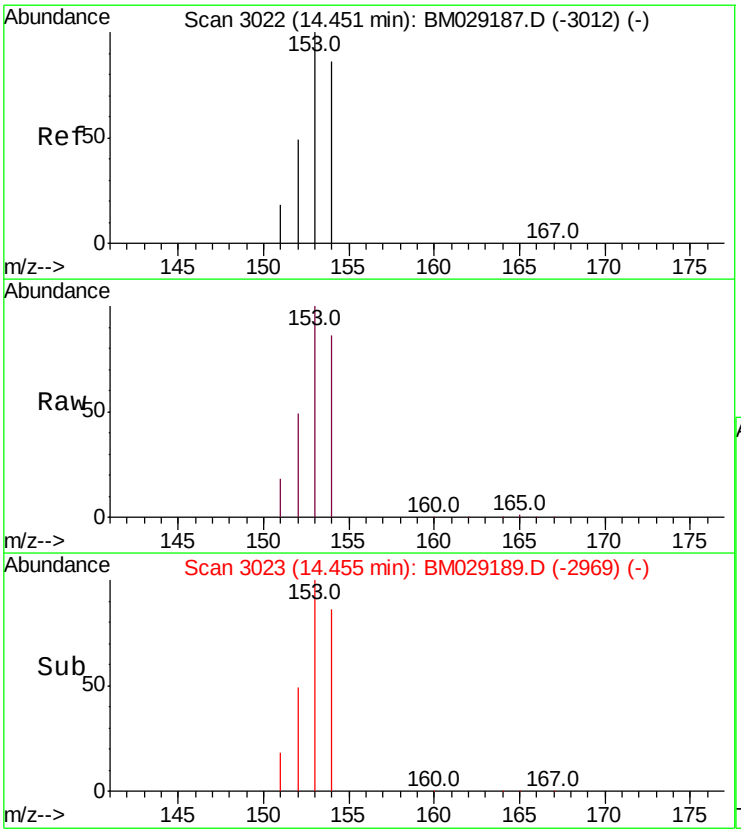
#10
Acenaphthylene
Concen: 1.485 ng/ul
RT: 14.11 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:152 Resp: 22982

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.2	25.8
153	13.4	11.1	16.7

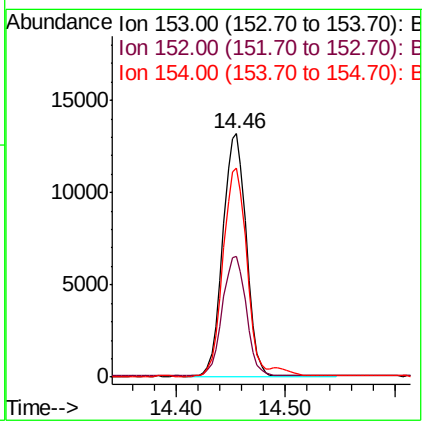


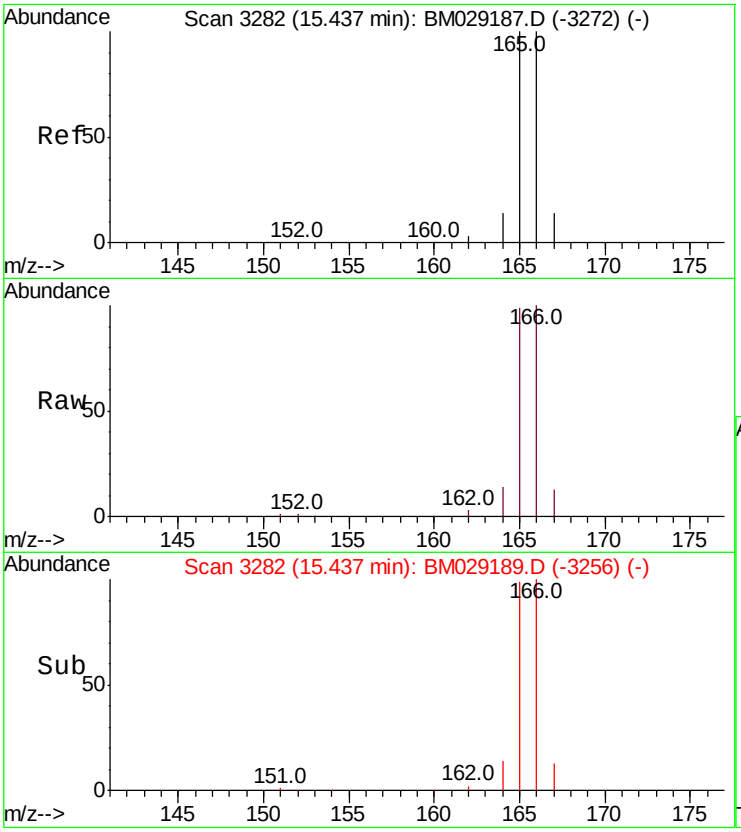


#11
Acenaphthene
Concen: 1.596 ng/ul
RT: 14.46 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:153 Resp: 19405

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.1	60.1
154	85.6	69.0	103.4



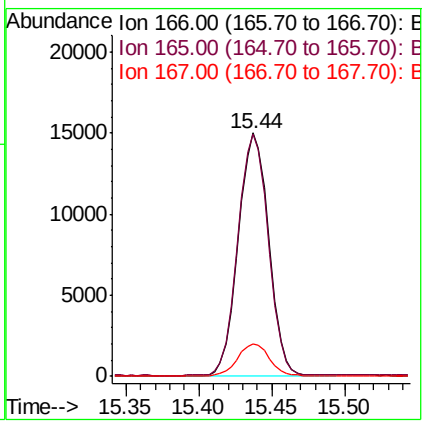


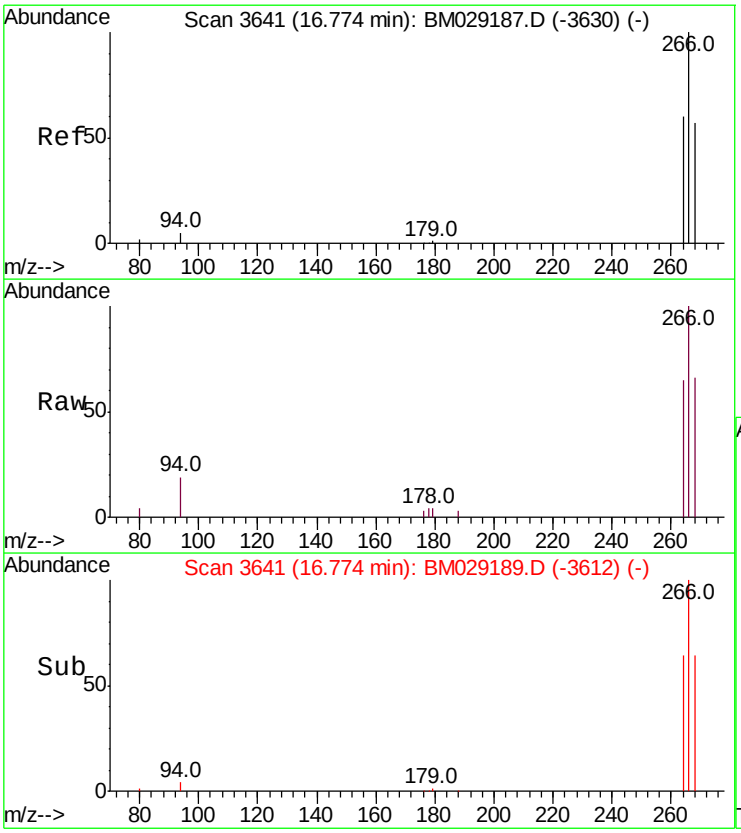
#12
Fluorene
Concen: 1.566 ng/ul
RT: 15.44 min Scan# 3282
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:166 Resp: 21670

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.6	120.8
167	13.4	12.0	18.0

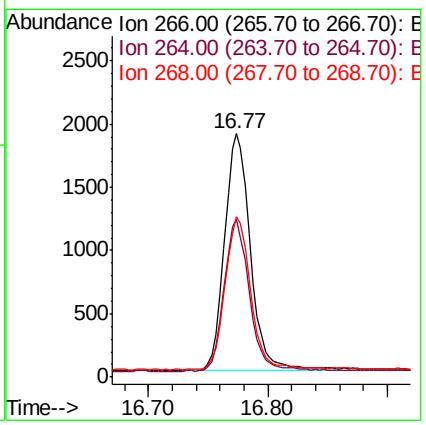


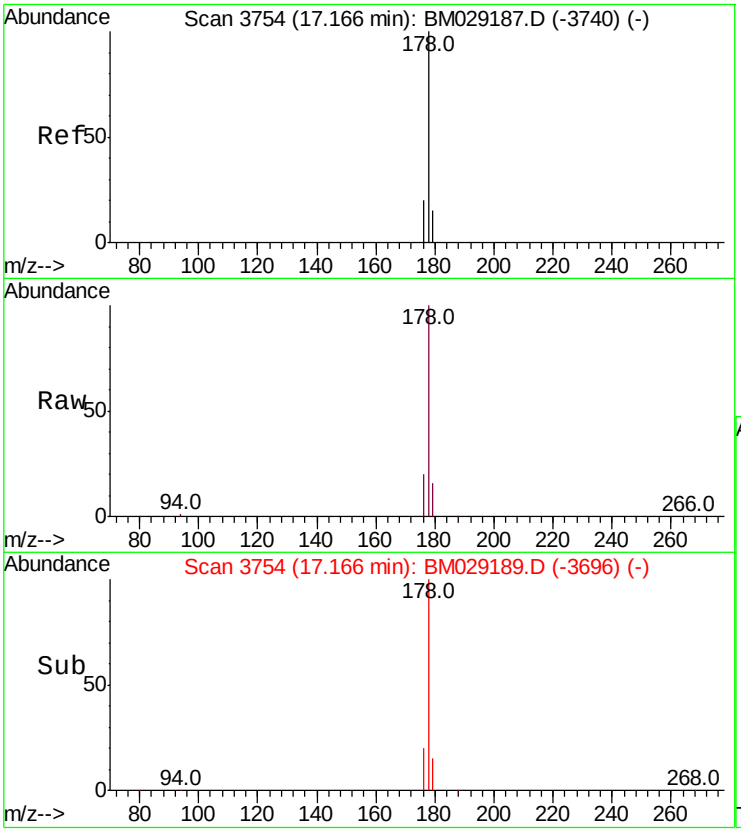


#14
Pentachlorophenol
Concen: 1.436 ng/ul
RT: 16.77 min Scan# 3641
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:266 Resp: 2815

Ion	Ratio	Lower	Upper
266	100		
264	62.4	48.1	72.1
268	64.9	51.8	77.6



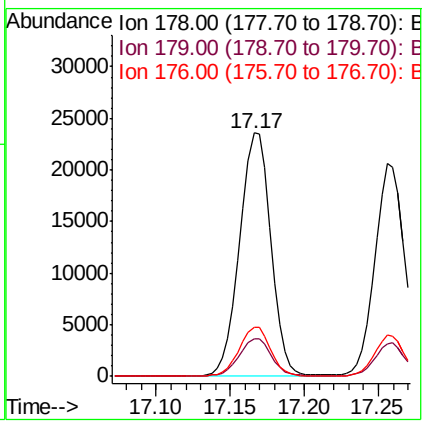


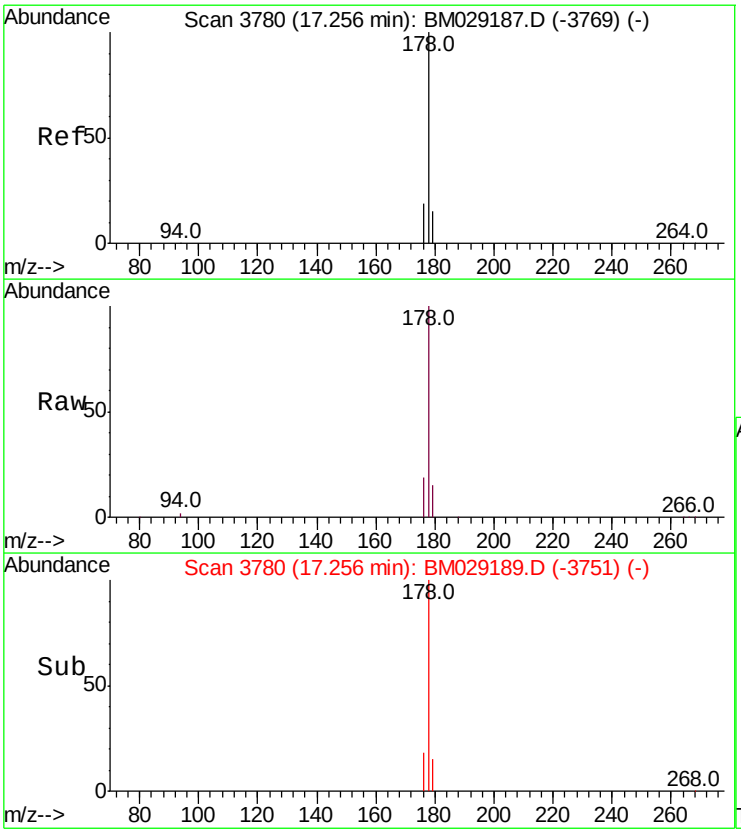
#15
Phenanthrene
Concen: 1.529 ng/ul
RT: 17.17 min Scan# 3754
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:178 Resp: 33447

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	20.0	16.5	24.7

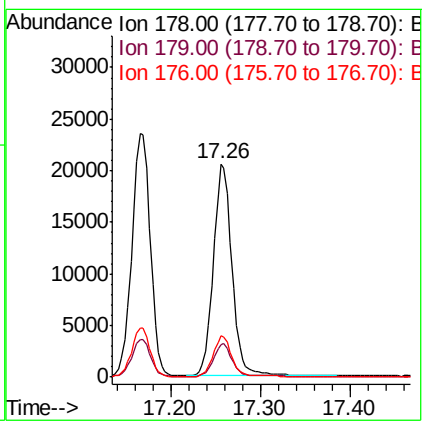


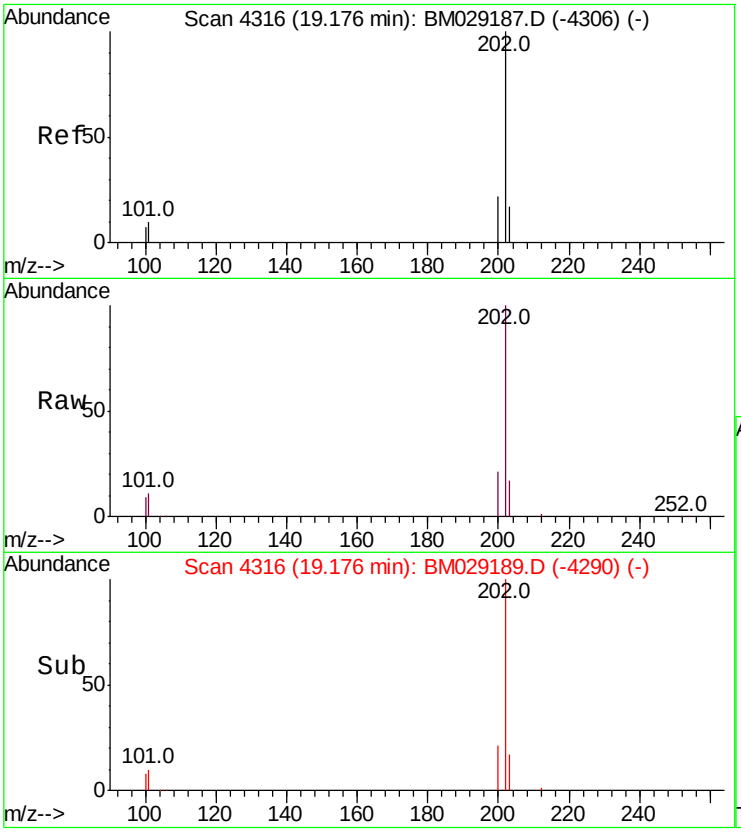


#16
Anthracene
Concen: 1.479 ng/ul
RT: 17.26 min Scan# 3780
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:178 Resp: 29862

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	19.4	16.2	24.2



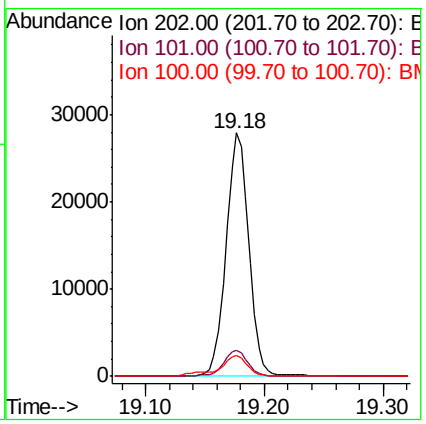


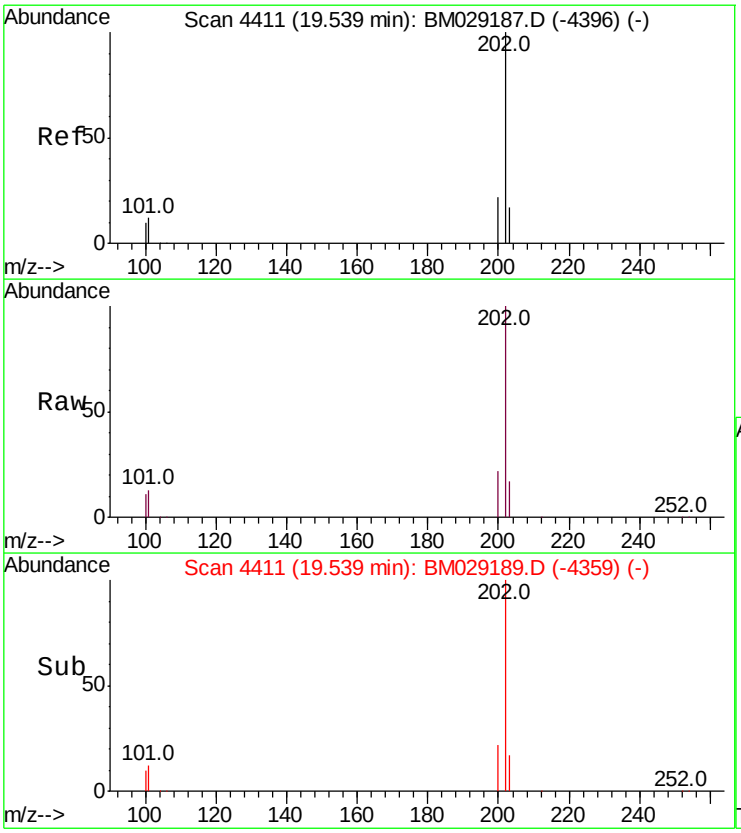
#19
Fluoranthene
Concen: 1.289 ng/ul
RT: 19.18 min Scan# 4316
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:202 Resp: 36776

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.7	13.1
100	8.5	6.9	10.3

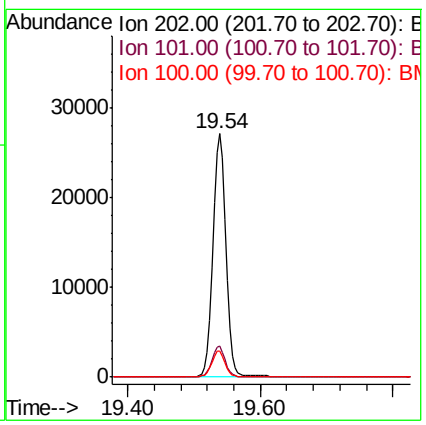


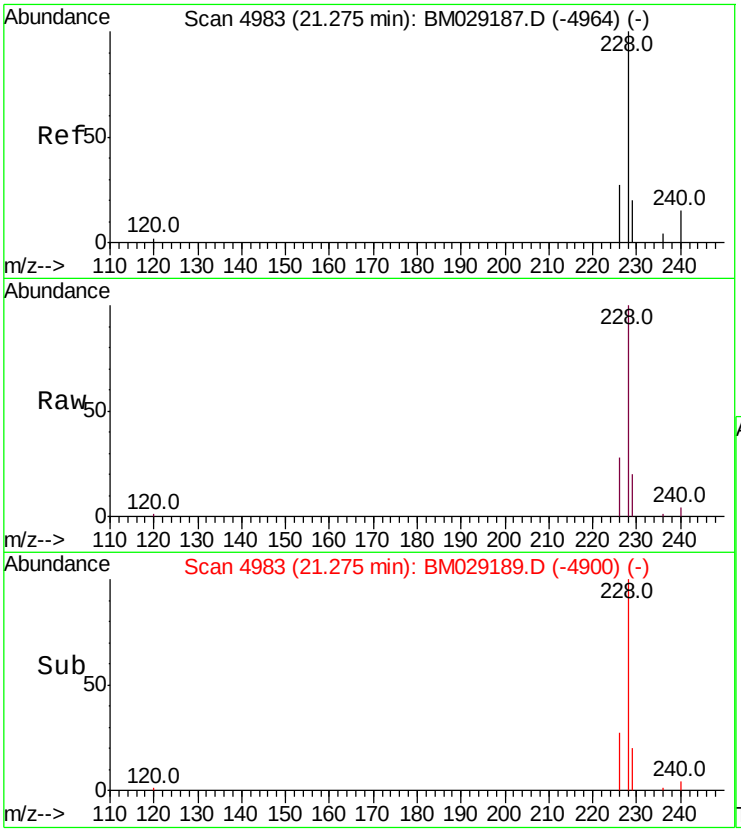


#20
Pyrene
Concen: 1.240 ng/ul
RT: 19.54 min Scan# 4411
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:202 Resp: 36170

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.2	15.4
100	10.6	8.5	12.7



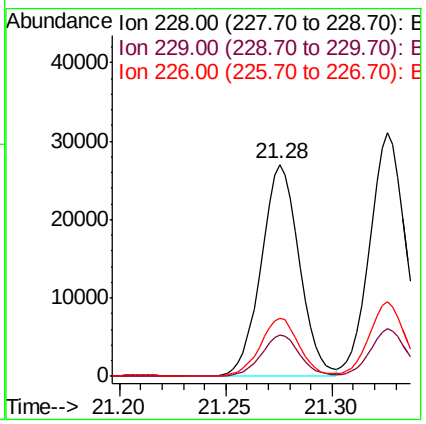


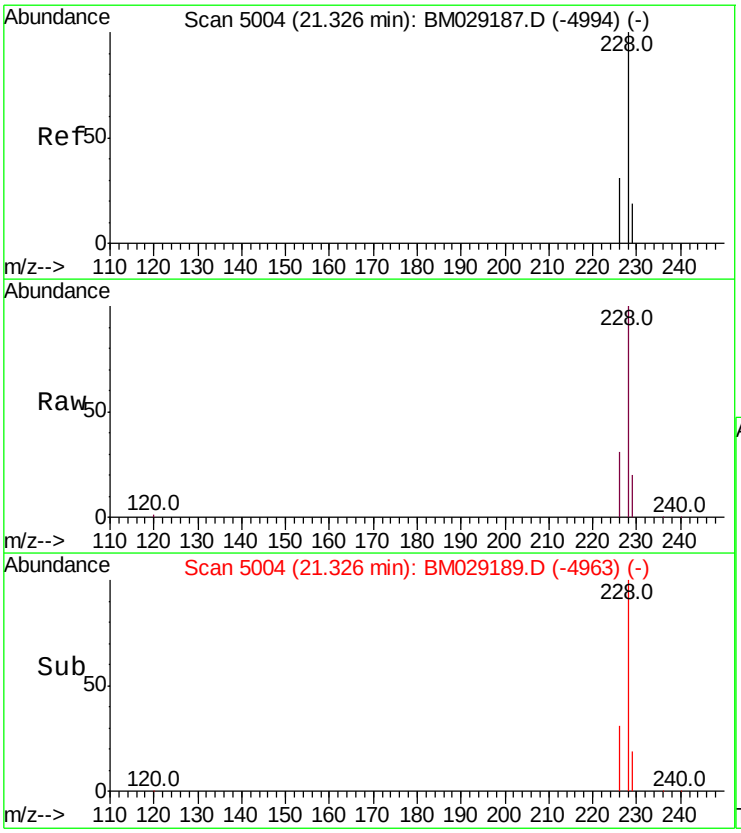
#21
Benzo(a)anthracene
Concen: 1.227 ng/ul
RT: 21.28 min Scan# 4983
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:228 Resp: 33351

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.2	24.2
226	27.6	22.2	33.2

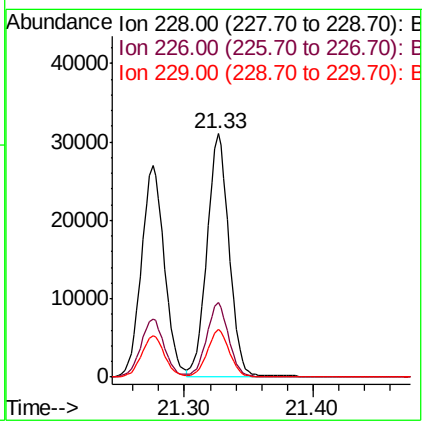


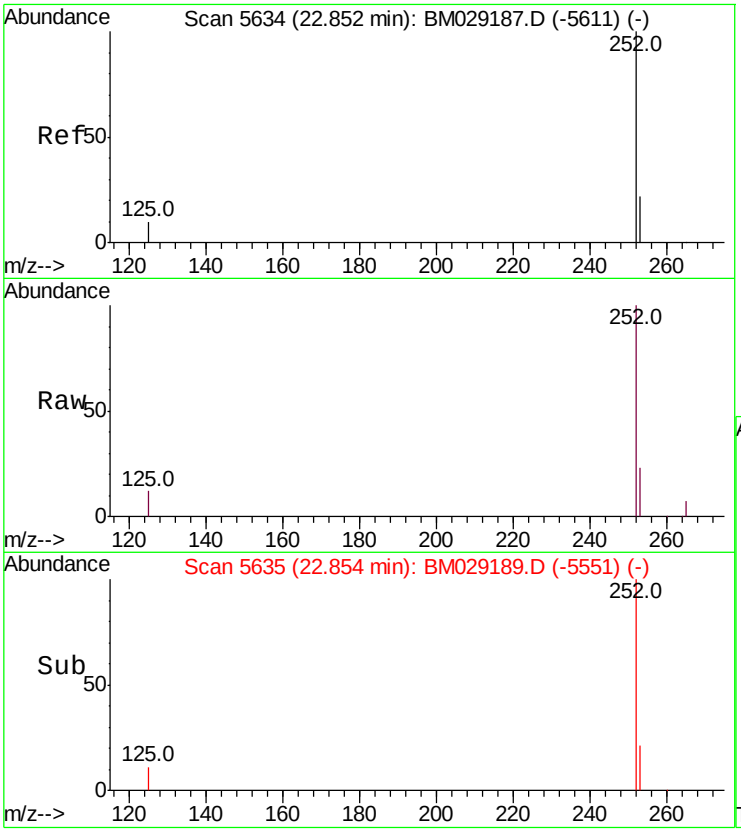


#22
Chrysene
Concen: 1.304 ng/ul
RT: 21.33 min Scan# 5004
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:228 Resp: 36605

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	19.6	16.0	24.0



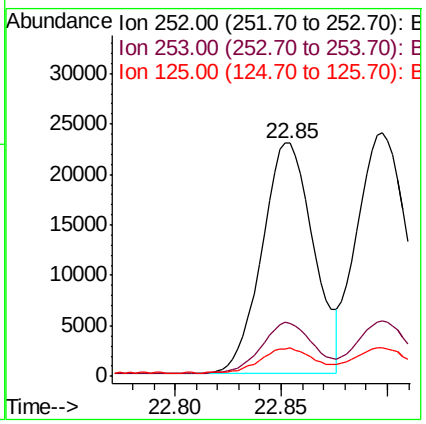


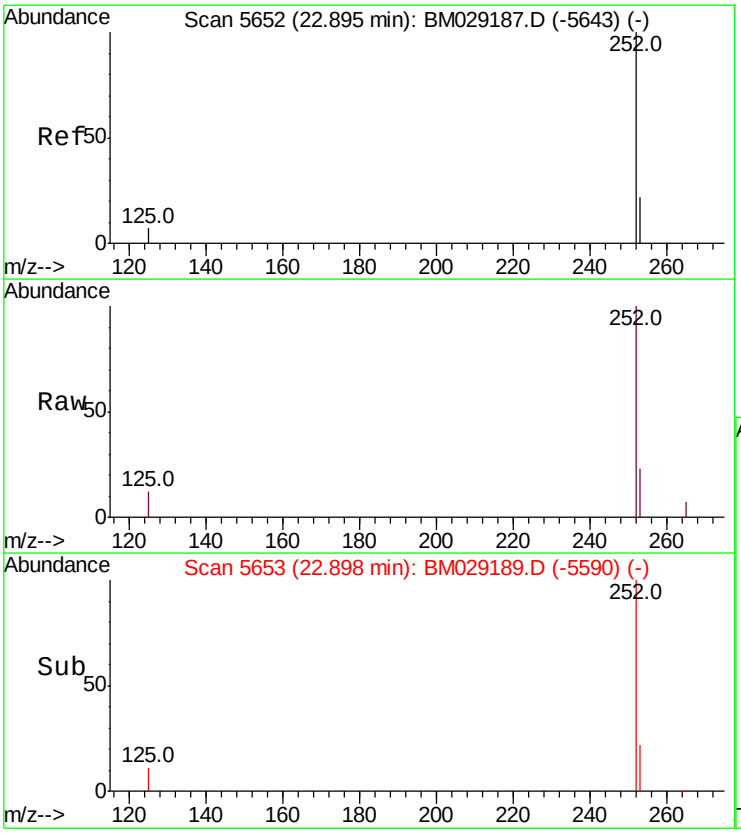
#24
Benzo(b)fluoranthene
Concen: 1.355 ng/ul
RT: 22.85 min Scan# 5635
Delta R.T. 0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 38740

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	52.4
125	12.0	0.0	31.0

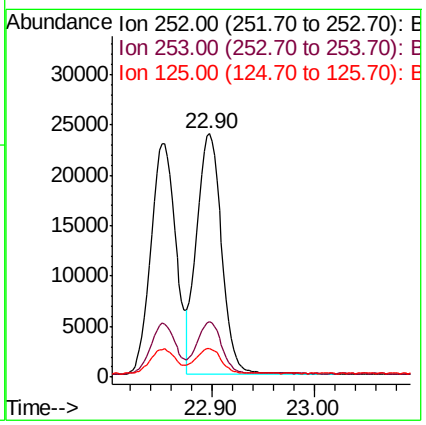


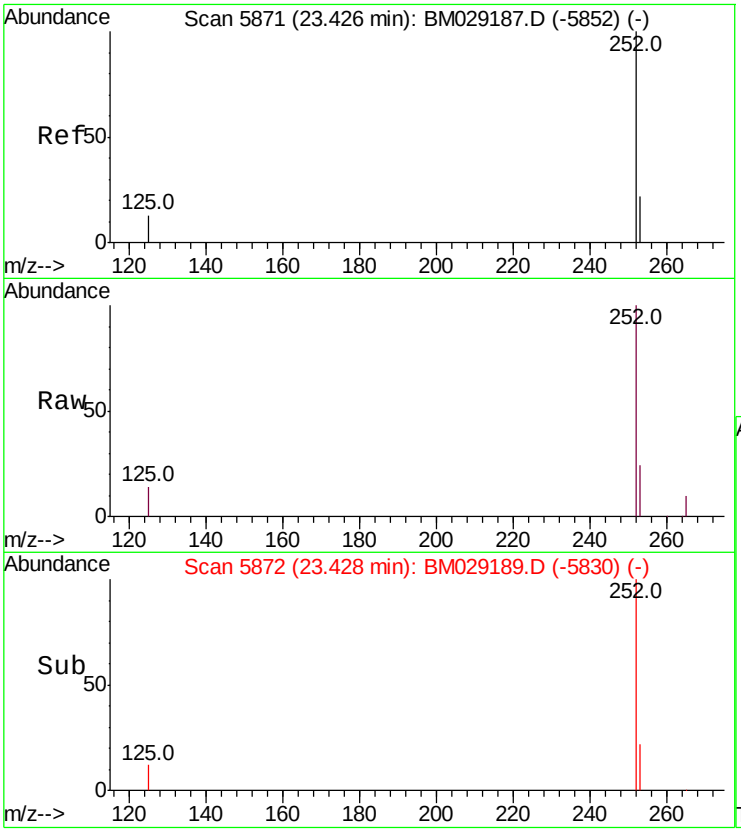


#25
Benzo(k)fluoranthene
Concen: 1.432 ng/ul
RT: 22.90 min Scan# 5653
Delta R.T. 0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:252 Resp: 40293

Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.1	31.7
125	12.0	12.6	19.0#



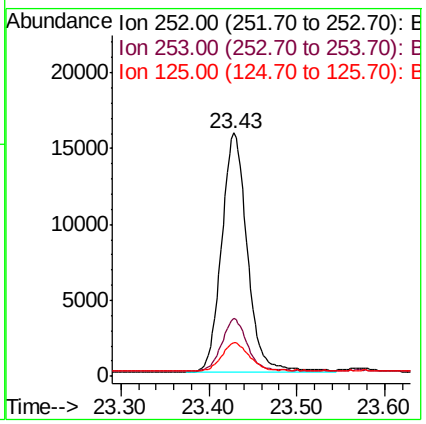


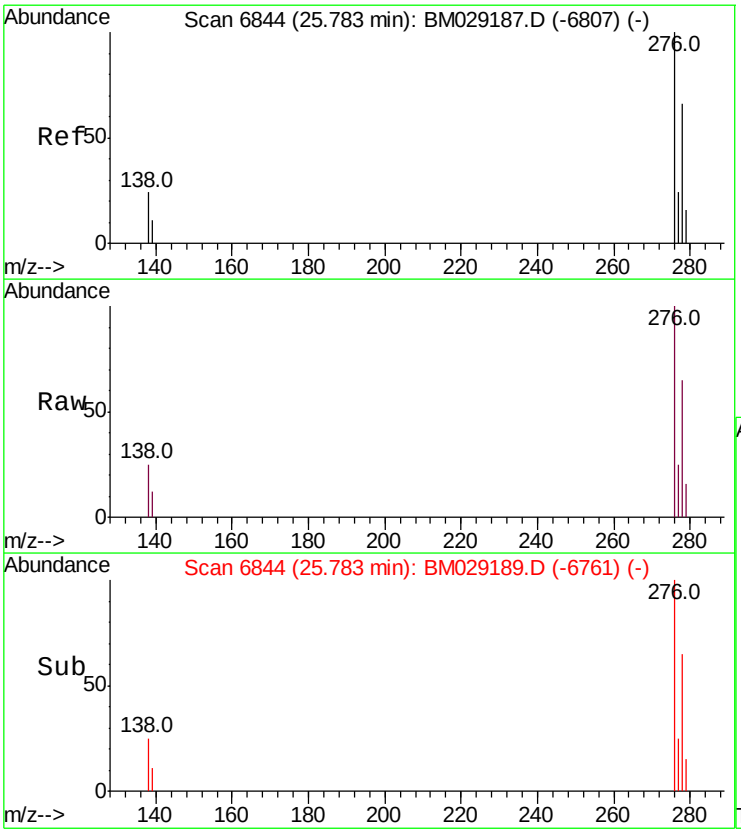
#26
Benzo(a)pyrene
Concen: 1.306 ng/ul
RT: 23.43 min Scan# 5872
Delta R.T. 0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:252 Resp: 32103

Ion	Ratio	Lower	Upper
252	100		
253	23.6	22.6	33.8
125	13.7	16.4	24.6#

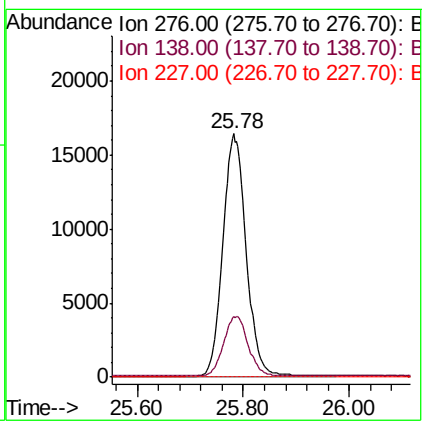


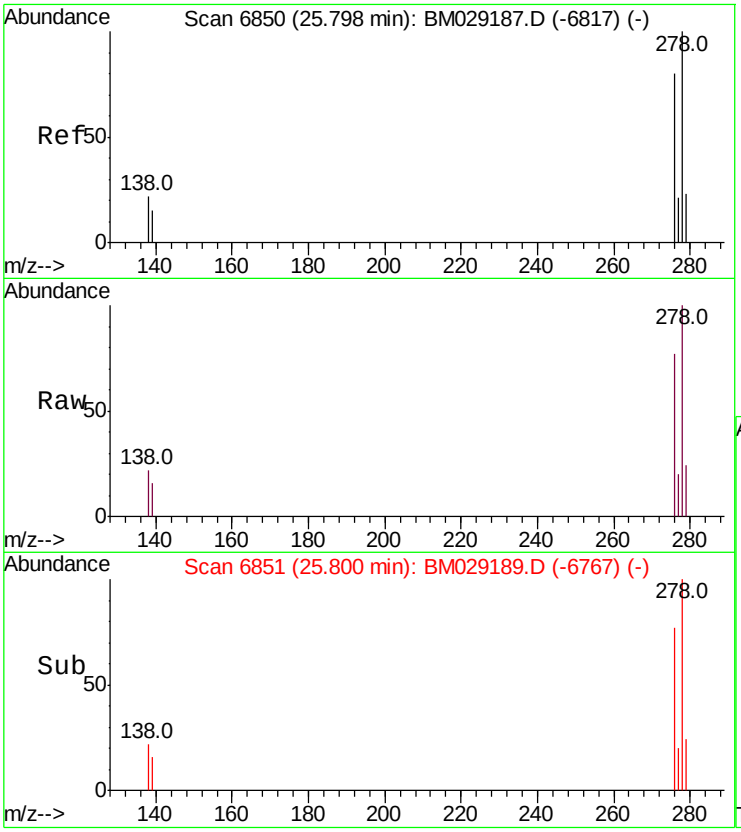


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.525 ng/ul
RT: 25.78 min Scan# 6844
Delta R.T. -0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:276 Resp: 49521

Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
227	0.0	0.0	0.0



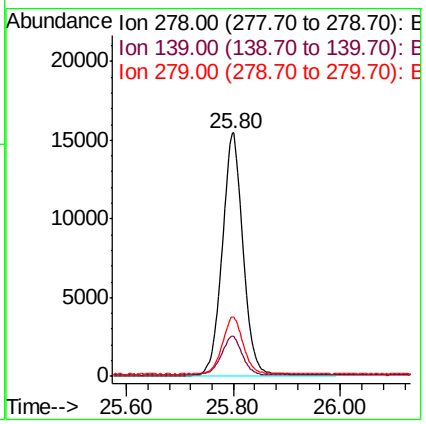


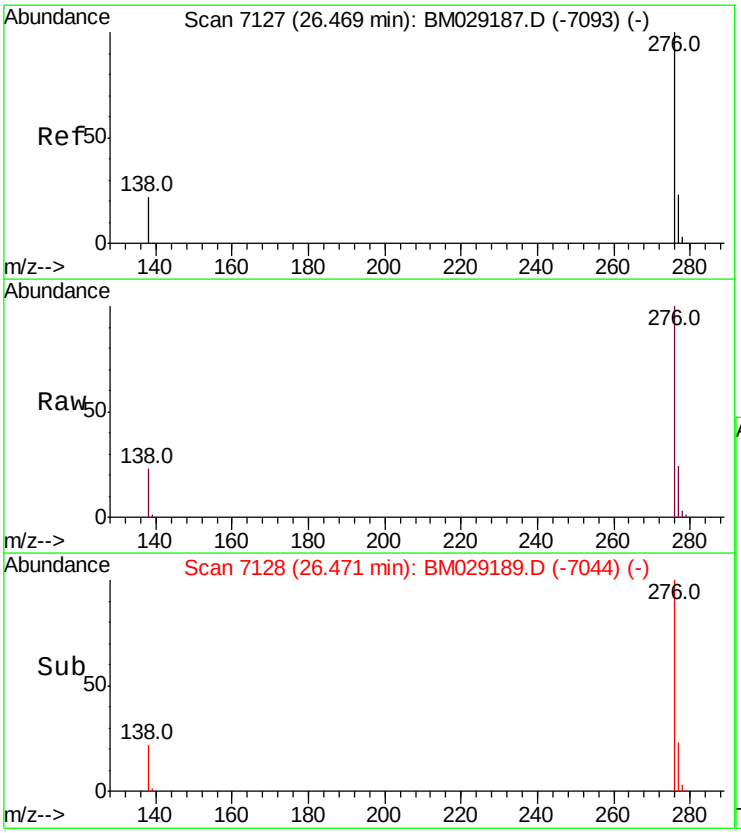
#28
Dibenzo(a,h)anthracene
Concen: 1.546 ng/ul
RT: 25.80 min Scan# 6851
Delta R.T. 0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6005

Tgt Ion:278 Resp: 41961

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.6	20.4
279	24.5	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 1.473 ng/ul
RT: 26.47 min Scan# 7128
Delta R.T. 0.00 min
Lab File: BM029189.D
Acq: 22 Mar 2021 22:06

Tgt Ion:276 Resp: 40285

Ion	Ratio	Lower	Upper
276	100		
138	22.6	19.3	28.9
277	23.7	19.8	29.8