Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029190.D
Acq On : 22 Mar 2021 22:42
Operator : CG/JU
Sample : SSTD3.206
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD3.2006

Quant Time: Mar 23 02:12:55 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	2072	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	6596	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	3432	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.12	188	6917	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	7459	0.40	ng/ul	0.00
23) Perylene-d12	23.53	264	6767	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	5473	2.22	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.14	152	30066	2.96	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	57669	2.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	6428	2.659	ng/ul#	78
5) Naphthalene	10.60	128	58714	3.215	ng/ul	97
7) 2-Methylnaphthalene	12.21	142	39505	3.161	ng/ul	100
8) 1-Methylnaphthalene	12.43	142	37748	3.166	ng/ul	99
10) Acenaphthylene	14.11	152	49469	3.246	ng/ul	97
11) Acenaphthene	14.45	153	40224	3.361	ng/ul	99
12) Fluorene	15.44	166	45267	3.324	ng/ul	99
14) Pentachlorophenol	16.77	266	6011	3.170	ng/ul	97
15) Phenanthrene	17.17	178	68965	3.259	ng/ul	99
16) Anthracene	17.26	178	63544	3.253	ng/ul	97
19) Fluoranthene	19.18	202	76393	2.743	ng/ul	99
20) Pyrene	19.54	202	75044	2.635	ng/ul	99
21) Benzo(a)anthracene	21.28	228	69979	2.637	ng/ul	99
22) Chrysene	21.33	228	74293	2.710	ng/ul	99
24) Benzo(b)fluoranthene	22.85	252	78795	2.950	ng/ul	91
25) Benzo(k)fluoranthene	22.90	252	80829	3.074	ng/ul#	91
26) Benzo(a)pyrene	23.43	252	65756	2.862	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.78	276	99681	3.285	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.80	278	84948	3.348	ng/ul	96
29) Benzo(g,h,i)perylene	26.47	276	81441	3.187	ng/ul	97

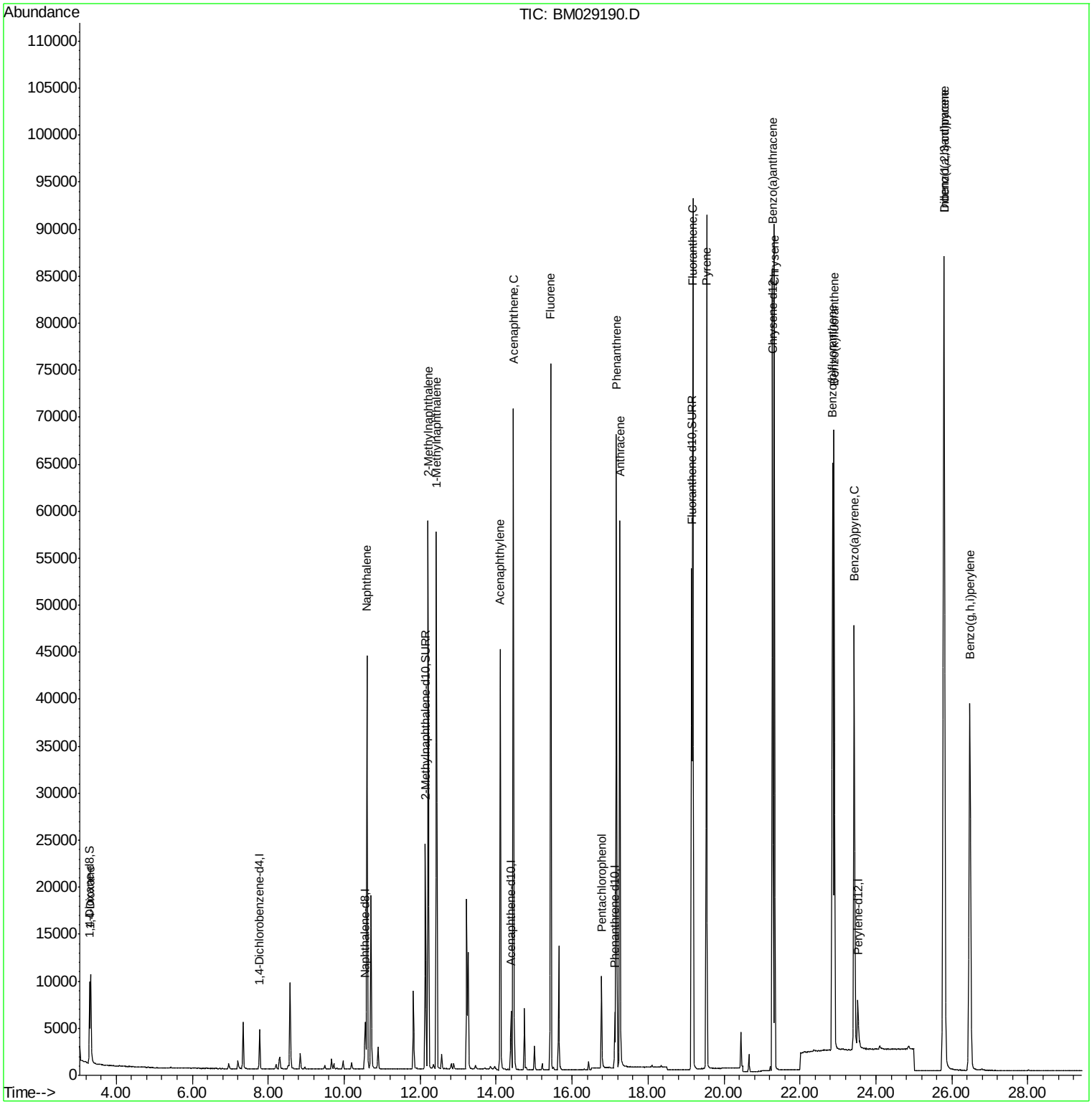
(#) = qualifier out of range (m) = manual integration (+) = signals summed

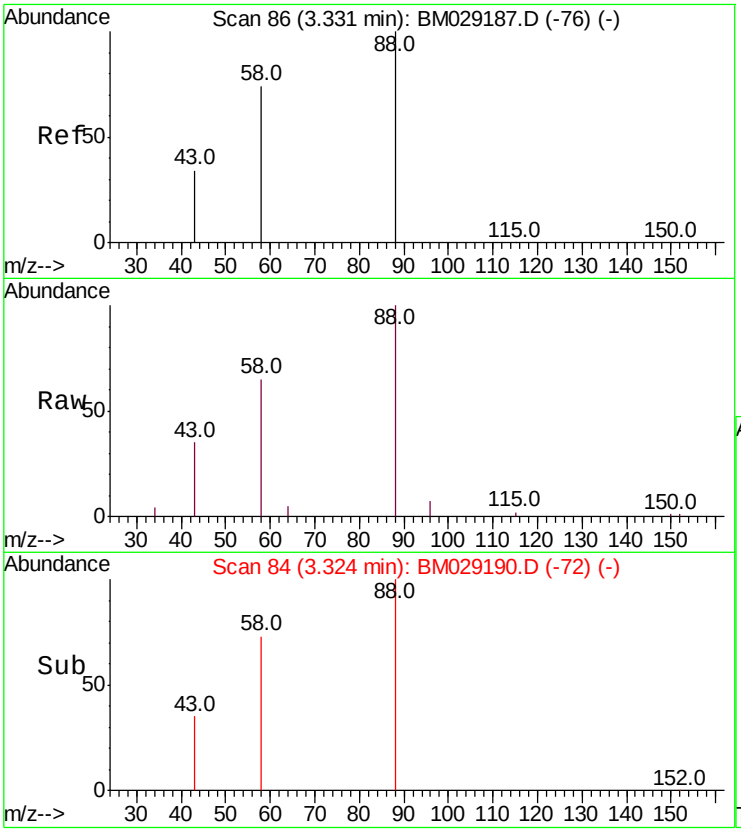
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029190.D
Acq On : 22 Mar 2021 22:42
Operator : CG/JU
Sample : SSTD3.206
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD3.2006

Quant Time: Mar 23 02:12:55 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



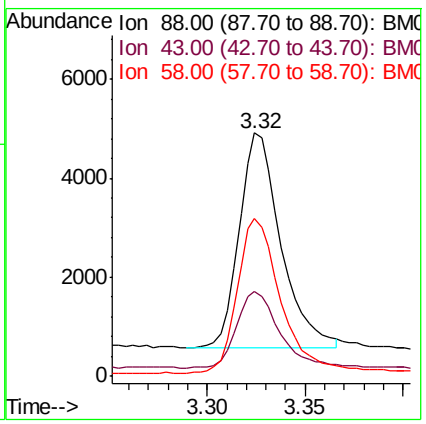


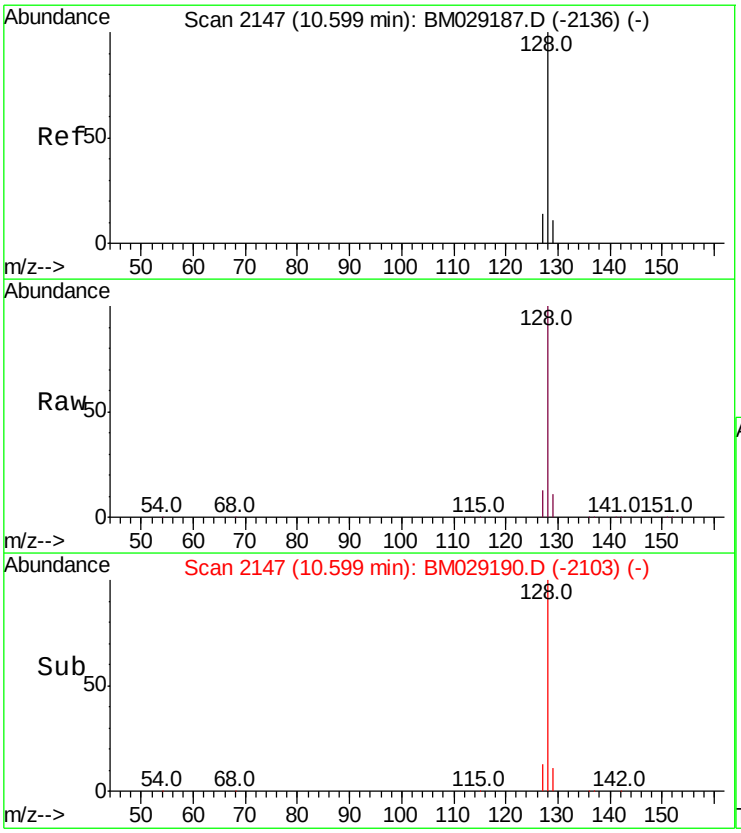
#2
1,4-Dioxane
Concen: 2.659 ng/ul
RT: 3.32 min Scan# 84
Delta R.T. -0.01 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion: 88 Resp: 6428

Ion	Ratio	Lower	Upper
88	100		
43	34.7	26.1	39.1
58	65.0	33.8	50.6#

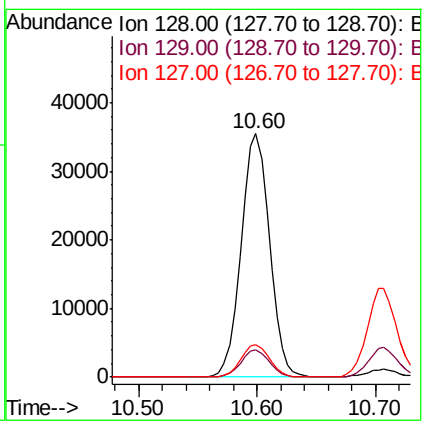


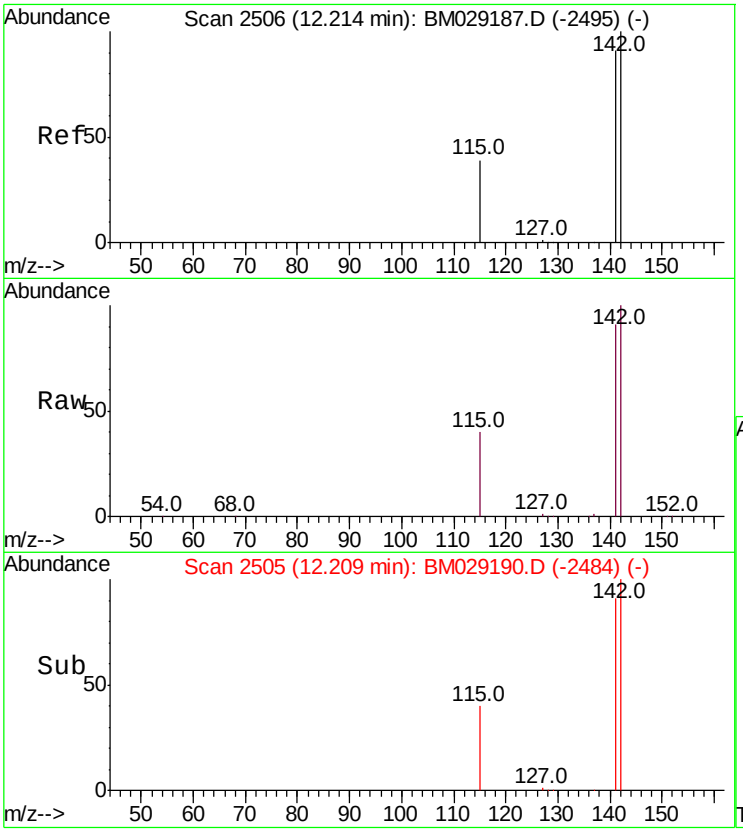


#5
Naphthalene
Concen: 3.215 ng/ul
RT: 10.60 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:128 Resp: 58714

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.1	11.8	17.8



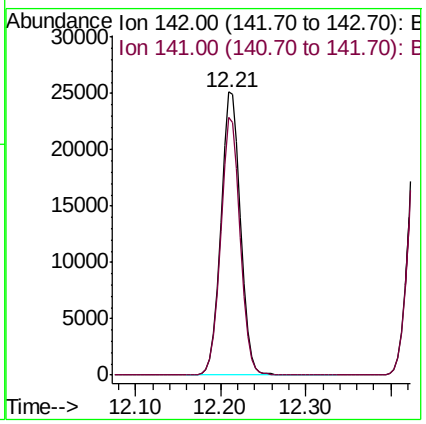


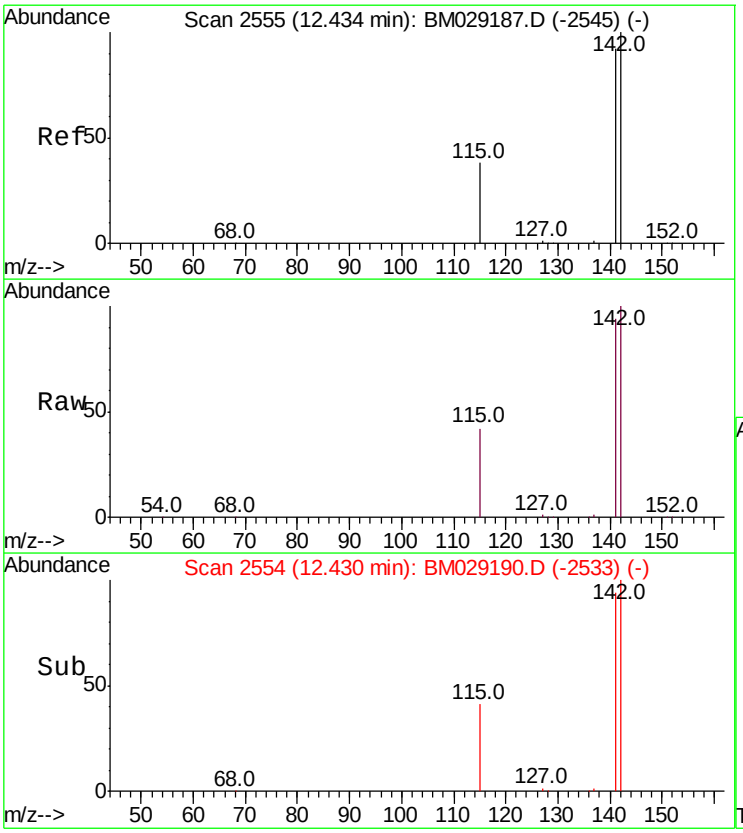
#7
2-Methylnaphthalene
Concen: 3.161 ng/ul
RT: 12.21 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:142 Resp: 39505

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.0	108.0

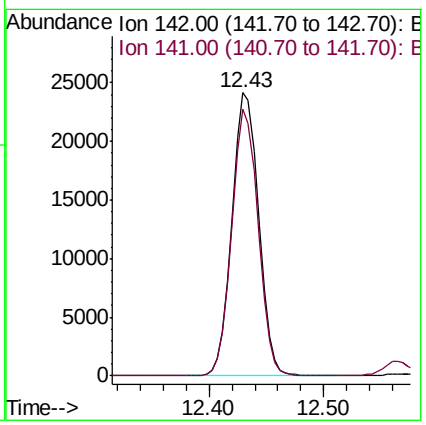


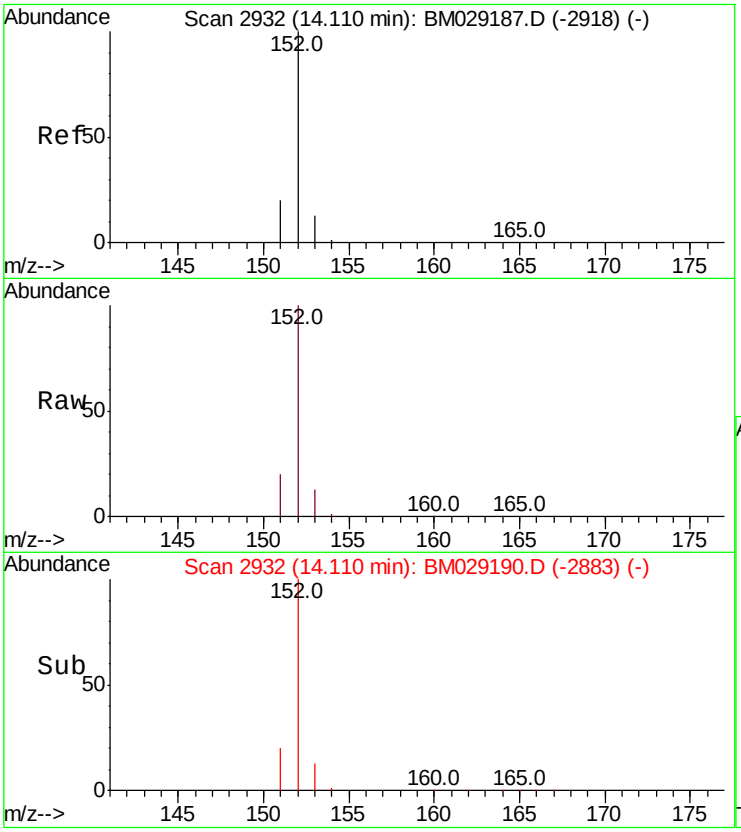


#8
1-Methylnaphthalene
Concen: 3.166 ng/ul
RT: 12.43 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:142 Resp: 37748

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.0	111.0



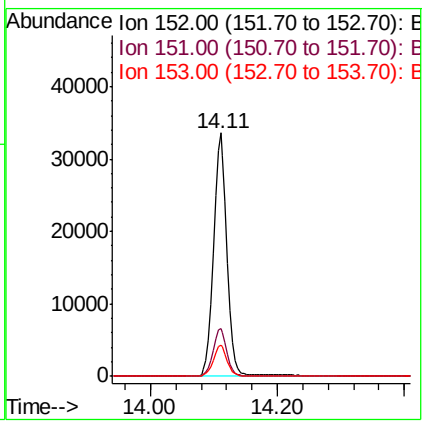


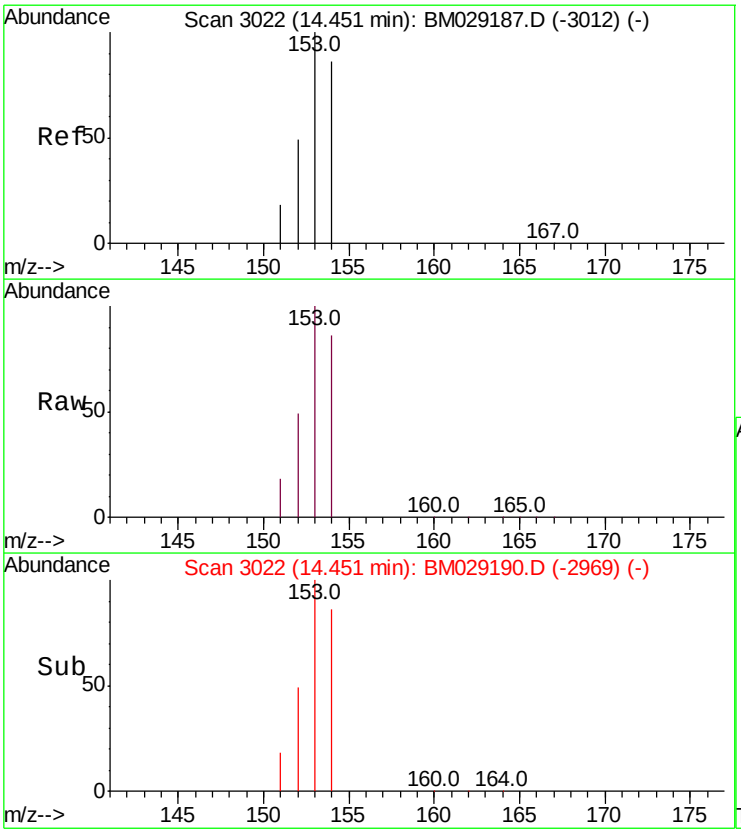
#10
Acenaphthylene
Concen: 3.246 ng/ul
RT: 14.11 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:152 Resp: 49469

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.2	25.8
153	13.0	11.1	16.7

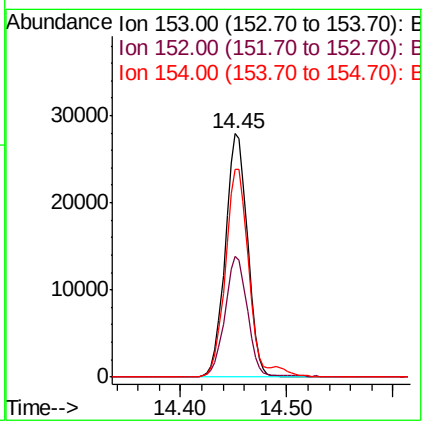


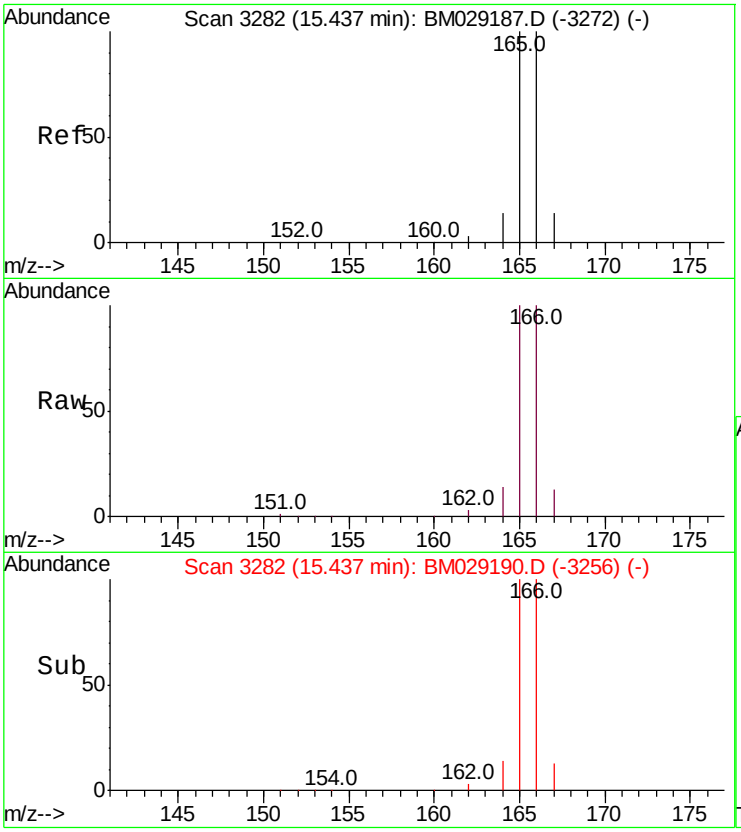


#11
Acenaphthene
Concen: 3.361 ng/ul
RT: 14.45 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:153 Resp: 40224

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.1	60.1
154	85.5	69.0	103.4



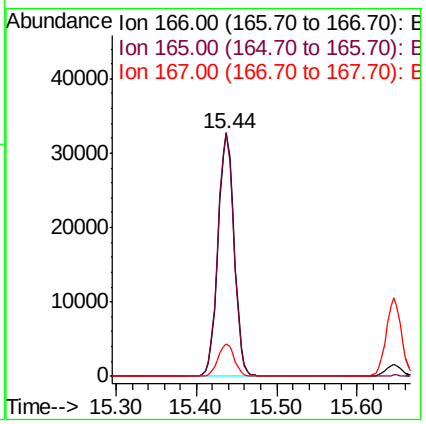


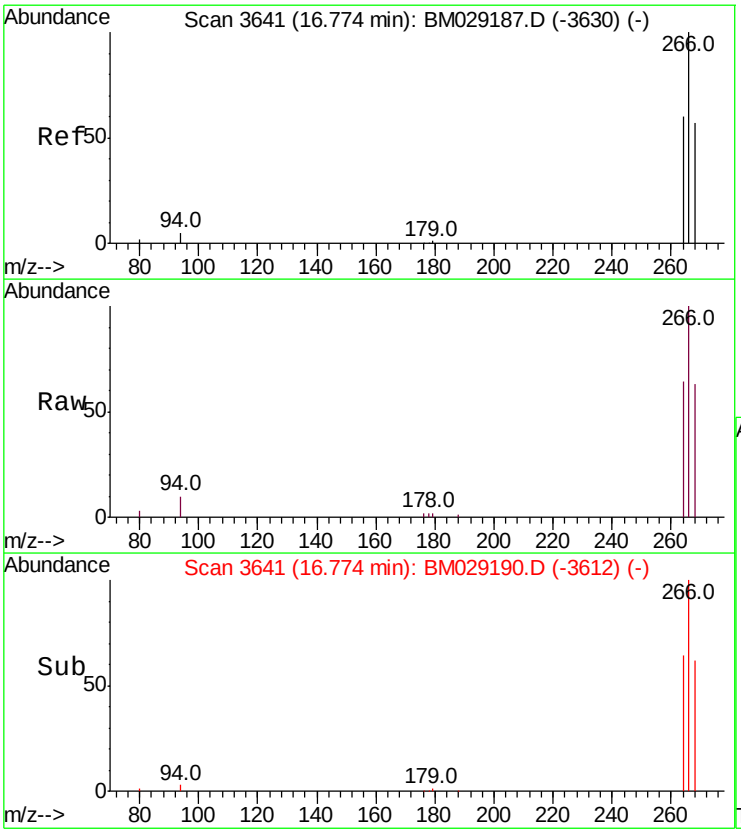
#12
Fluorene
Concen: 3.324 ng/ul
RT: 15.44 min Scan# 3282
Delta R.T. 0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:166 Resp: 45267

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.6	120.8
167	13.5	12.0	18.0

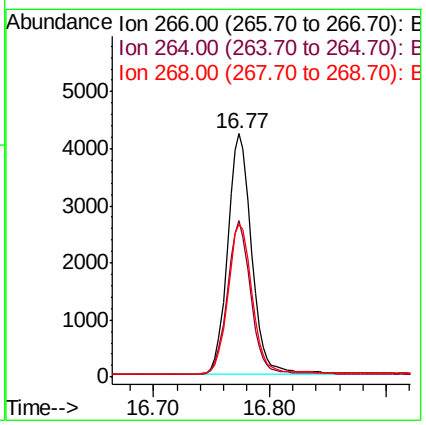


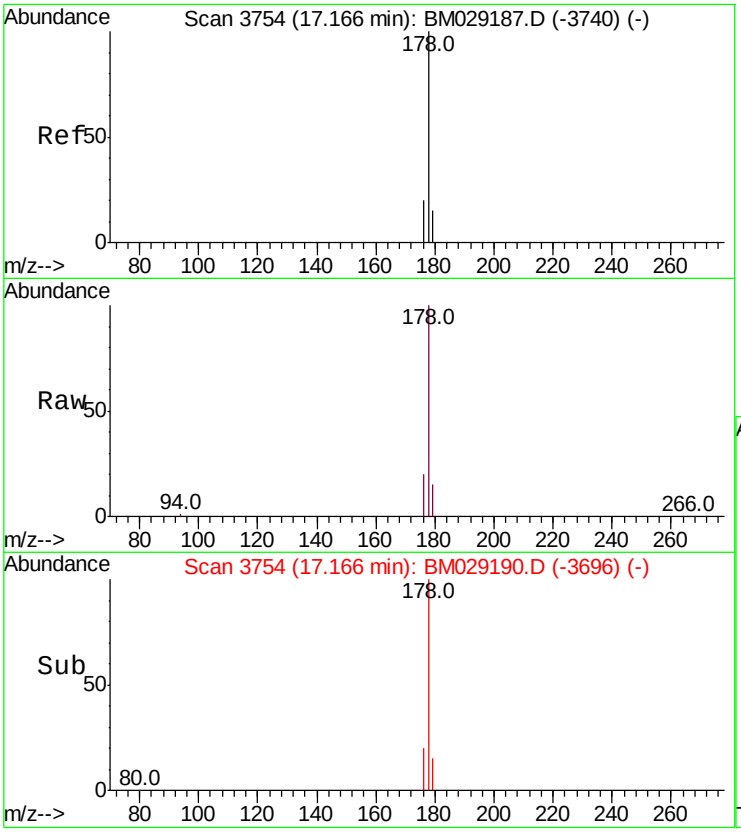


#14
Pentachlorophenol
Concen: 3.170 ng/ul
RT: 16.77 min Scan# 3641
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:266 Resp: 6011

Ion	Ratio	Lower	Upper
266	100		
264	62.9	48.1	72.1
268	63.3	51.8	77.6



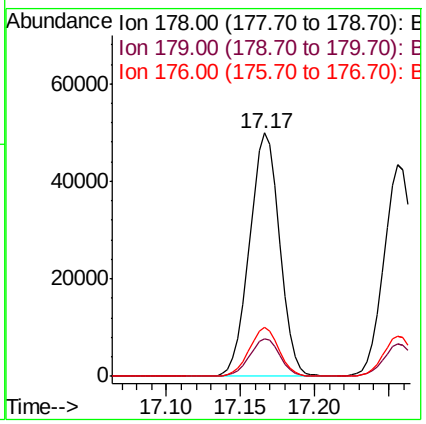


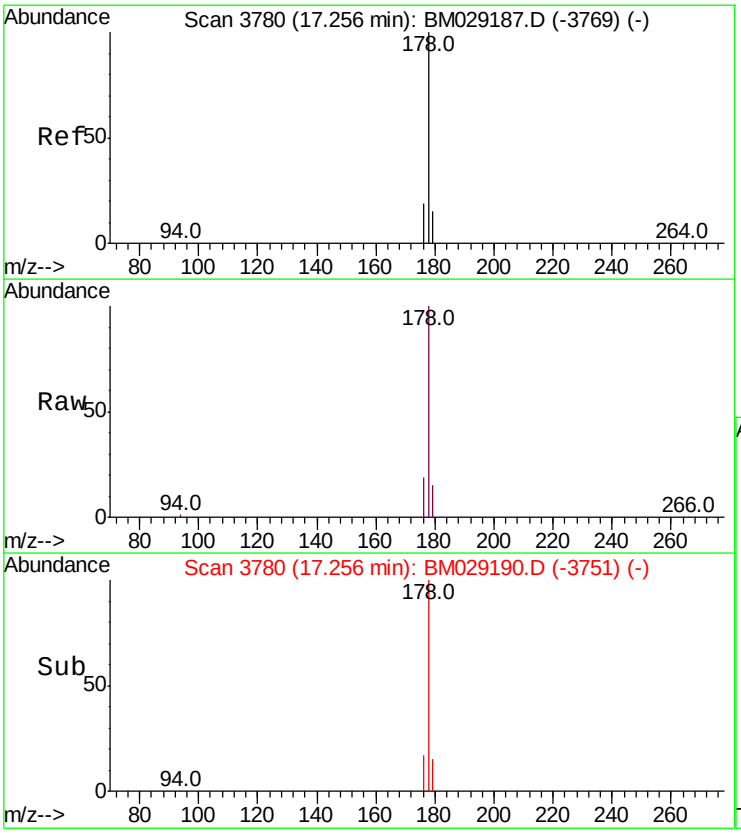
#15
Phenanthrene
Concen: 3.259 ng/ul
RT: 17.17 min Scan# 3754
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:178 Resp: 68965

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	20.0	16.5	24.7

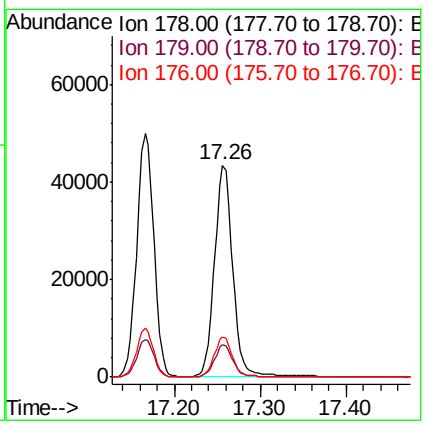


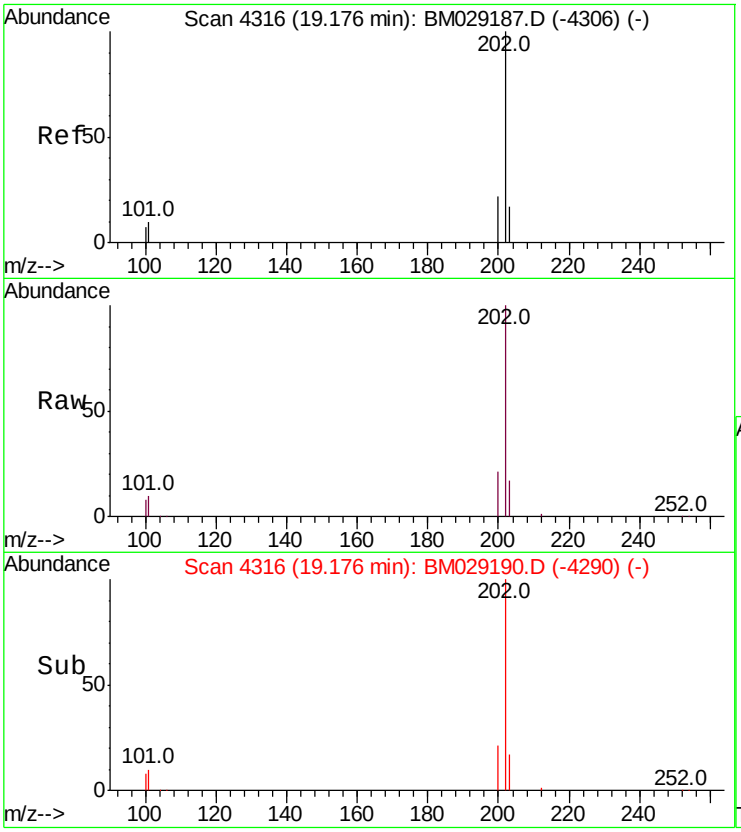


#16
Anthracene
Concen: 3.253 ng/ul
RT: 17.26 min Scan# 3780
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:178 Resp: 63544

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.1	19.7
176	19.1	16.2	24.2



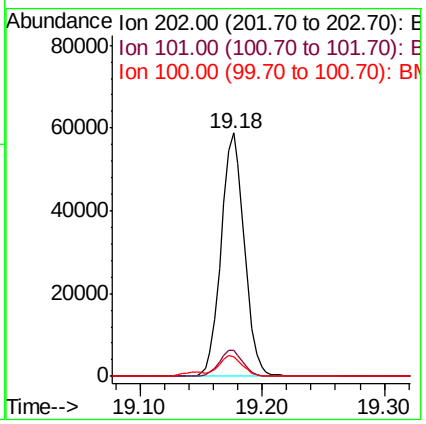


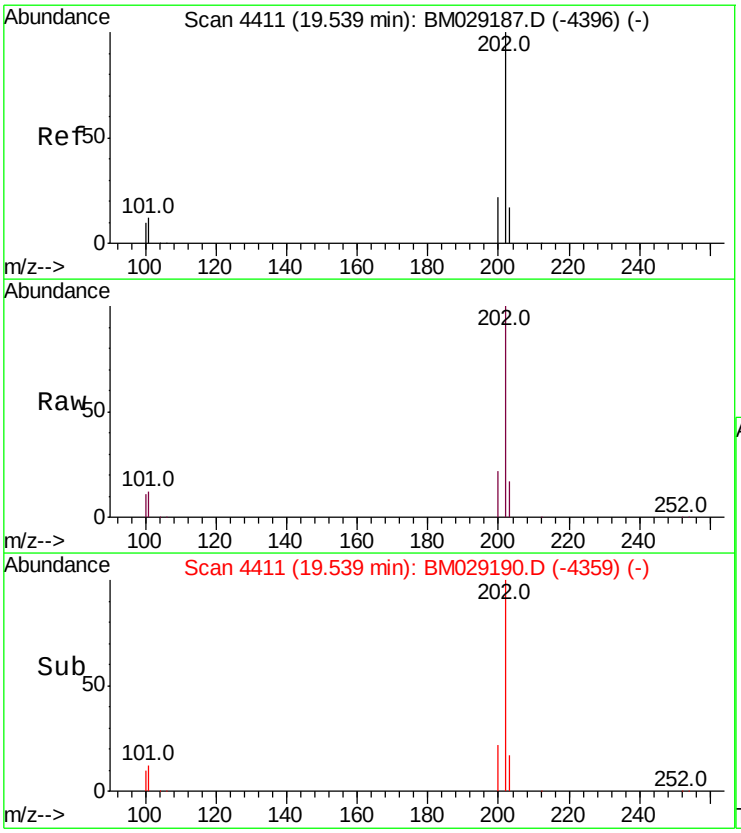
#19
Fluoranthene
Concen: 2.743 ng/ul
RT: 19.18 min Scan# 4316
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:202 Resp: 76393

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.7	13.1
100	8.2	6.9	10.3

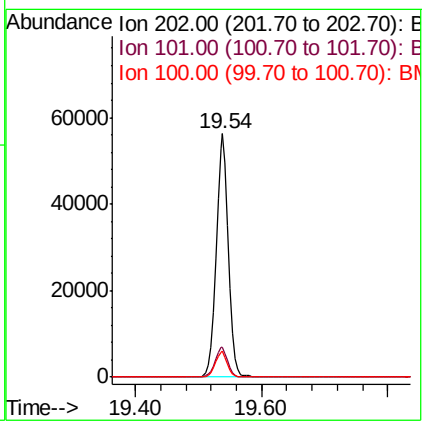


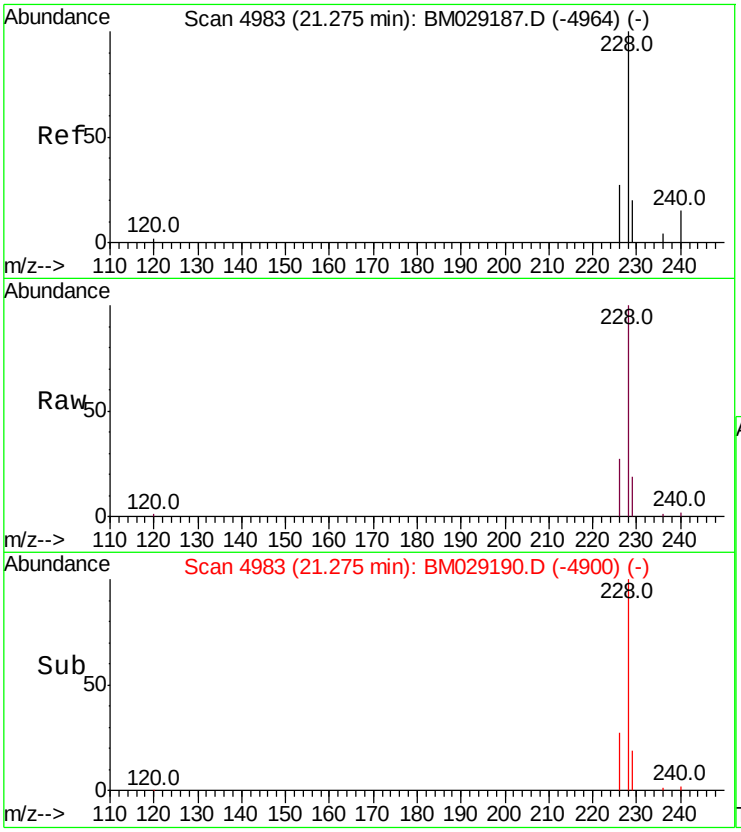


#20
Pyrene
Concen: 2.635 ng/ul
RT: 19.54 min Scan# 4411
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:202 Resp: 75044

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.4
100	10.5	8.5	12.7



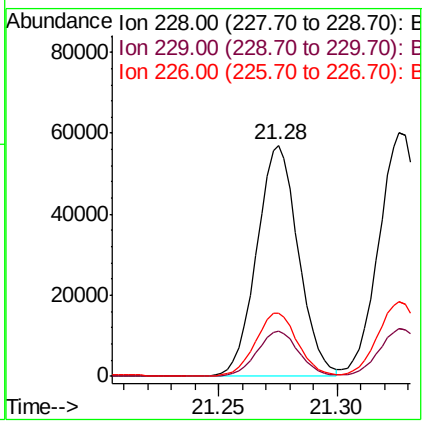


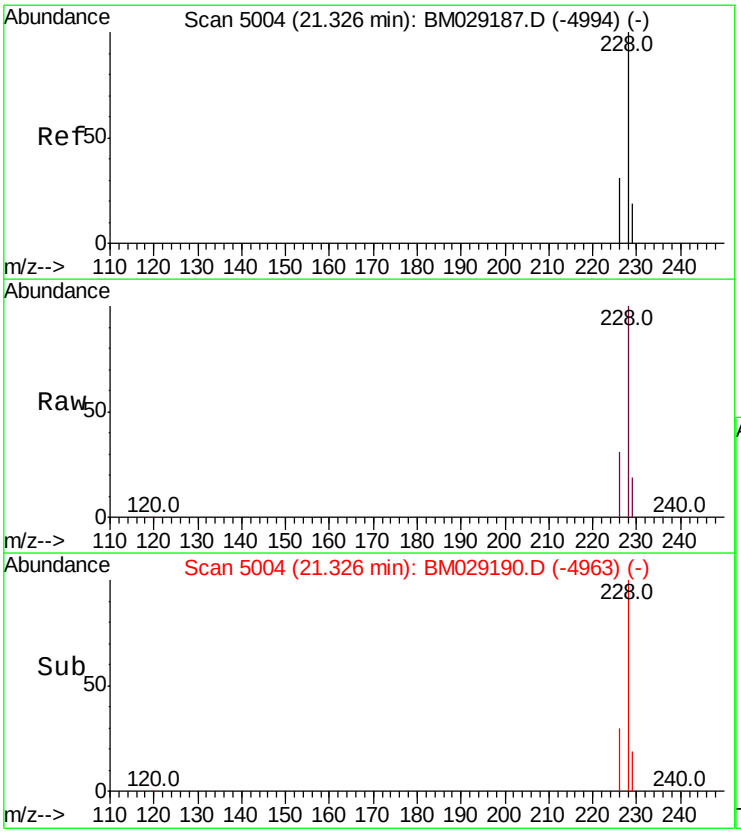
#21
Benzo(a)anthracene
Concen: 2.637 ng/ul
RT: 21.28 min Scan# 4983
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:228 Resp: 69979

Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.2	24.2
226	27.4	22.2	33.2

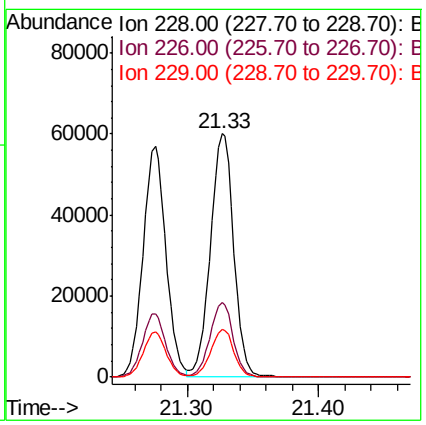


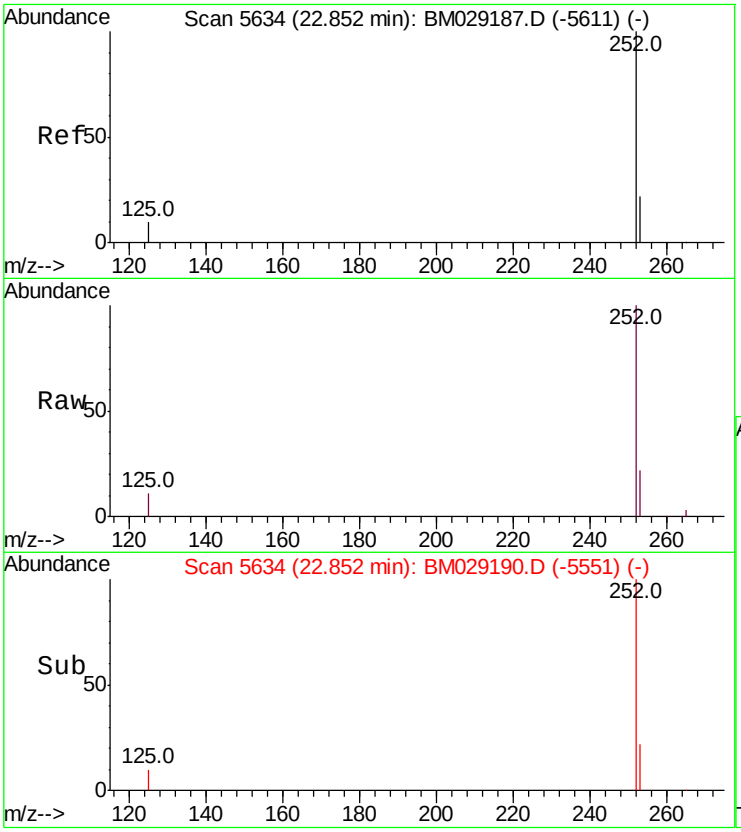


#22
Chrysene
Concen: 2.710 ng/ul
RT: 21.33 min Scan# 5004
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:228 Resp: 74293

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	19.4	16.0	24.0



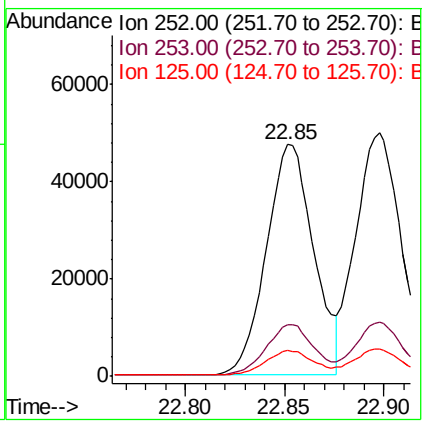


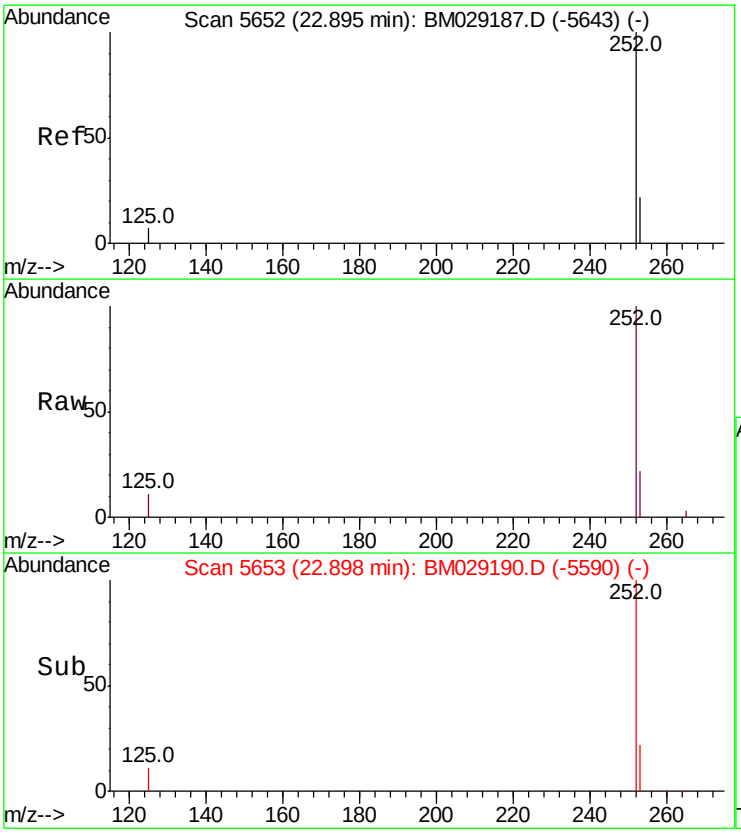
#24
Benzo(b)fluoranthene
Concen: 2.950 ng/ul
RT: 22.85 min Scan# 5634
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 78795

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	52.4
125	11.0	0.0	31.0

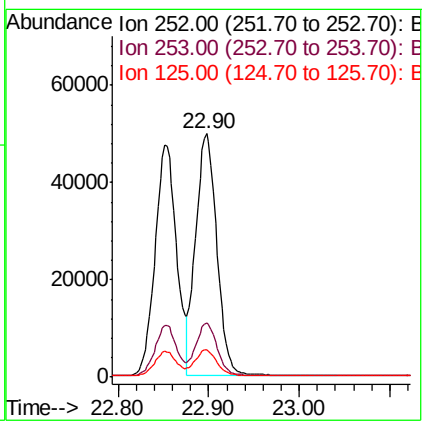


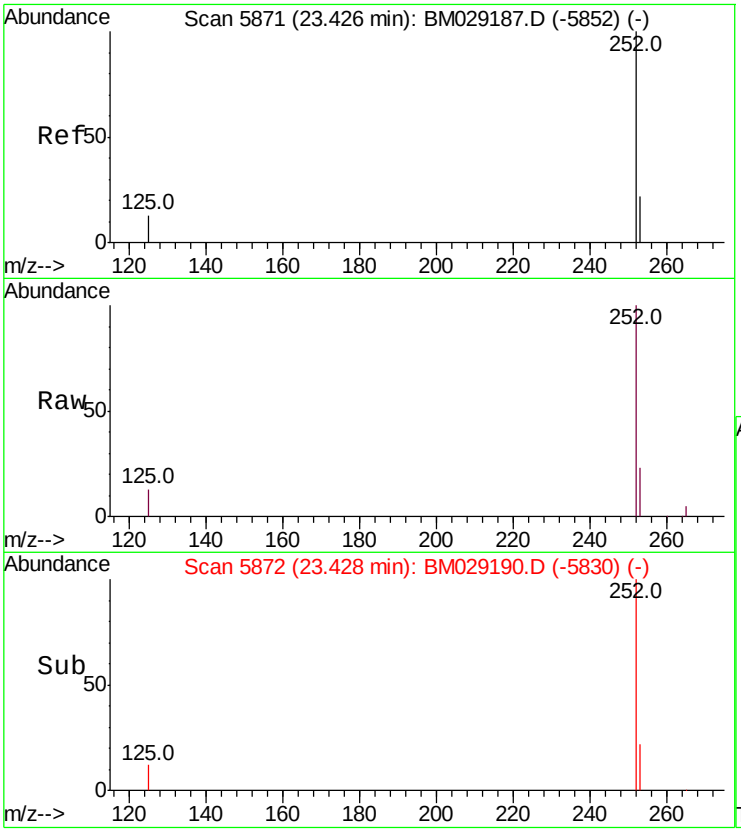


#25
Benzo(k)fluoranthene
Concen: 3.074 ng/ul
RT: 22.90 min Scan# 5653
Delta R.T. 0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:252 Resp: 80829

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.1	31.7
125	11.2	12.6	19.0#



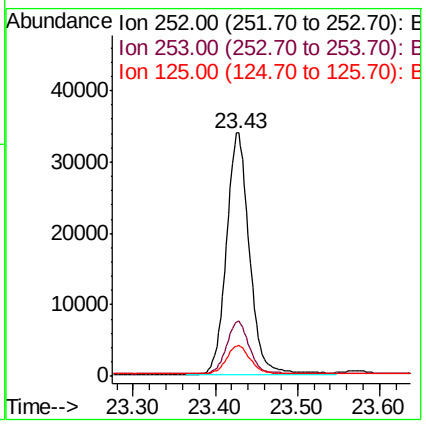


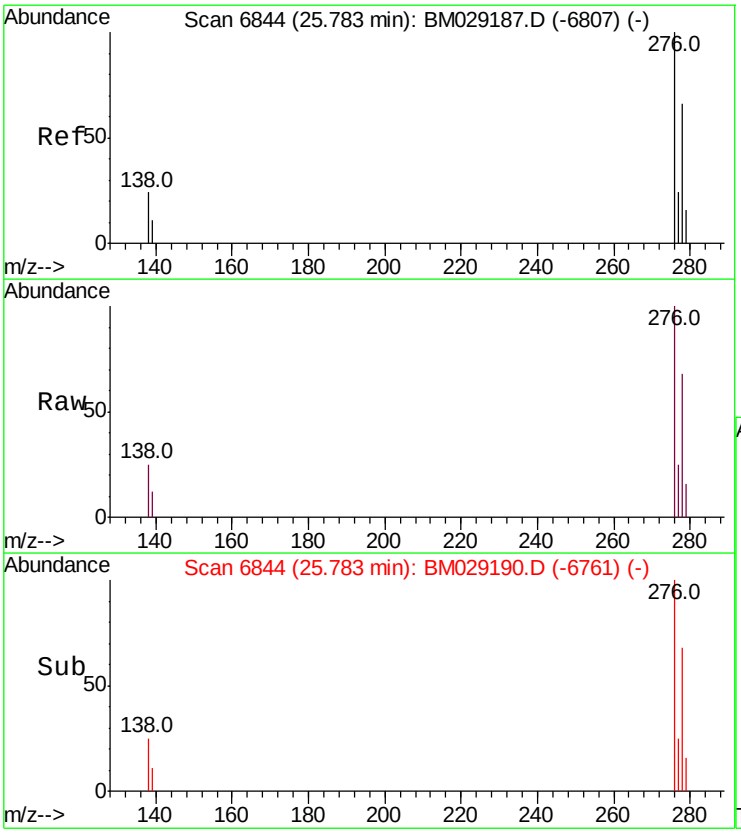
#26
Benzo(a)pyrene
Concen: 2.862 ng/ul
RT: 23.43 min Scan# 5872
Delta R.T. 0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 65756

Ion	Ratio	Lower	Upper
252	100		
253	22.6	22.6	33.8
125	12.8	16.4	24.6#

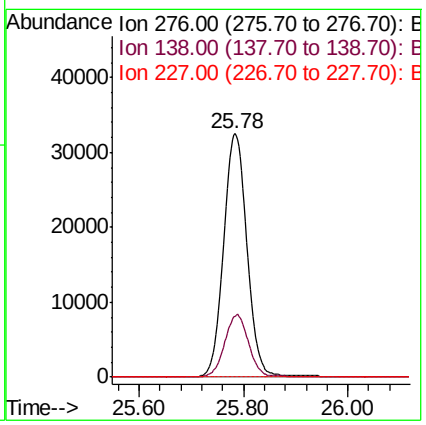


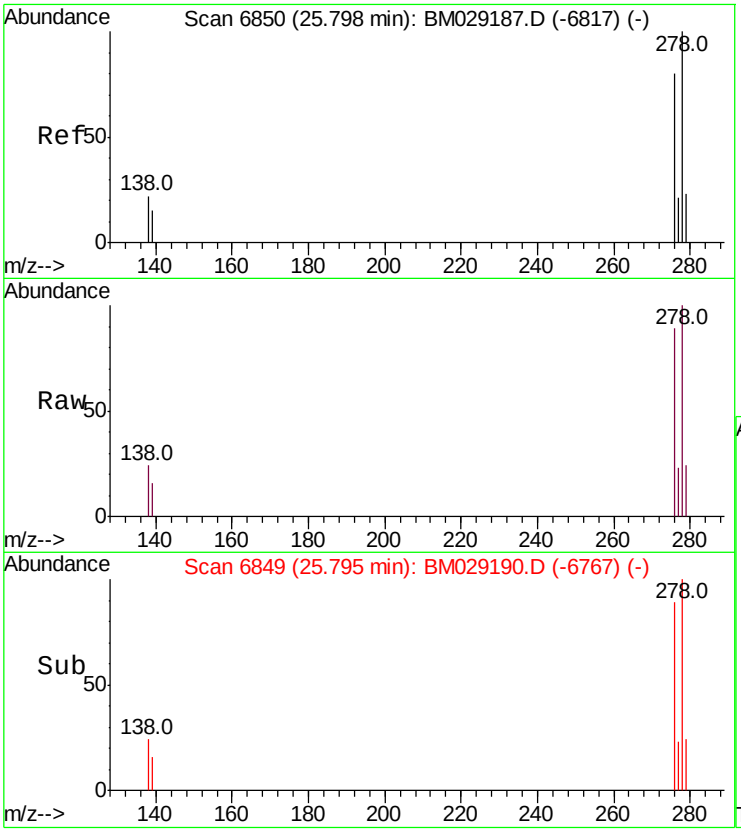


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.285 ng/ul
RT: 25.78 min Scan# 6844
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:276 Resp: 99681

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.6	30.8
227	0.0	0.0	0.0



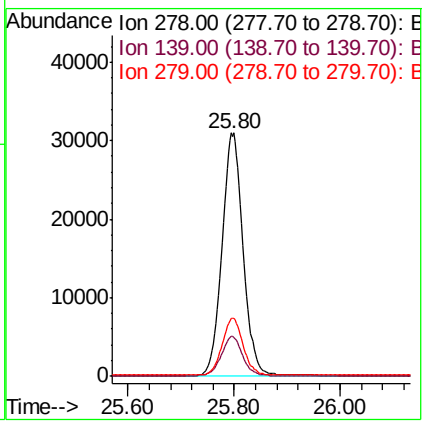


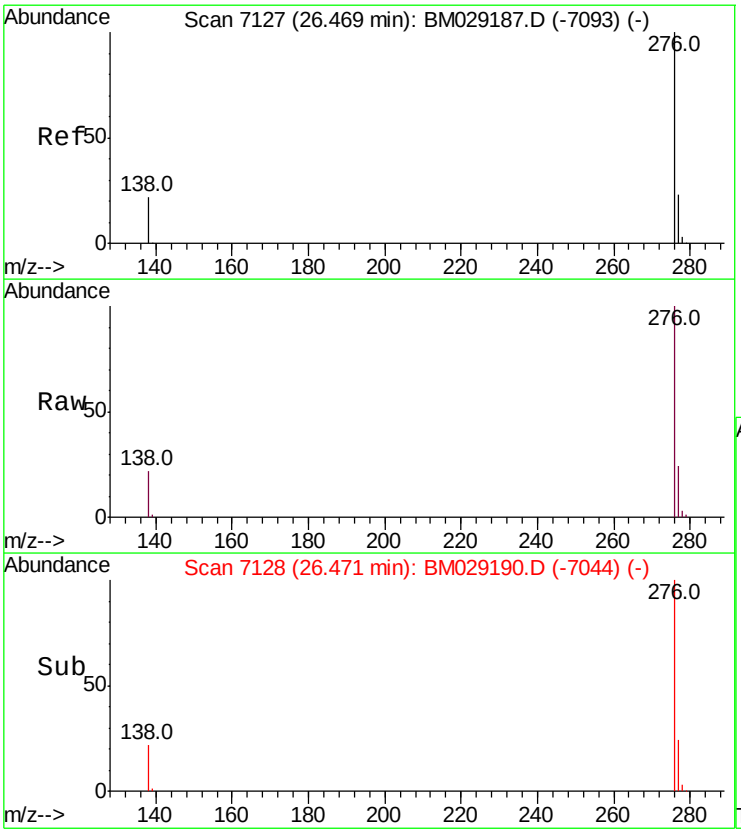
#28
Dibenzo(a,h)anthracene
Concen: 3.348 ng/ul
RT: 25.80 min Scan# 6849
Delta R.T. -0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:278 Resp: 84948

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.6	20.4
279	24.1	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 3.187 ng/ul
RT: 26.47 min Scan# 7128
Delta R.T. 0.00 min
Lab File: BM029190.D
Acq: 22 Mar 2021 22:42

Tgt Ion:276 Resp: 81441

Ion	Ratio	Lower	Upper
276	100		
138	22.0	19.3	28.9
277	23.8	19.8	29.8