Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
Data File : BM029186.D
Acq On : 22 Mar 2021 20:17
Operator : CG/JU
Sample : SSTD0.202
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.2002

Quant Time: Mar 23 02:12:22 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	1896	0.40	ng/ul	0.00
4) Naphthalene-d8	10.55	136	5980	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.39	164	3157	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.12	188	6962	0.40	ng/ul	0.00
17) Chrysene-d12	21.29	240	7044	0.40	ng/ul	0.00
23) Perylene-d12	23.52	264	7353	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	345	0.15	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.14	152	1887	0.21	ng/ul	0.00
18) Fluoranthene-d10	19.15	212	3891	0.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	352	0.159	ng/ul#	91
5) Naphthalene	10.60	128	3759	0.227	ng/ul	98
7) 2-Methylnaphthalene	12.21	142	2469	0.218	ng/ul	99
8) 1-Methylnaphthalene	12.43	142	2363	0.219	ng/ul	98
10) Acenaphthylene	14.11	152	2872	0.205	ng/ul	97
11) Acenaphthene	14.45	153	2548	0.231	ng/ul	99
12) Fluorene	15.44	166	2855	0.228	ng/ul	100
14) Pentachlorophenol	16.78	266	396	0.207	ng/ul	98
15) Phenanthrene	17.17	178	4726	0.222	ng/ul	98
16) Anthracene	17.26	178	4014	0.204	ng/ul	98
19) Fluoranthene	19.18	202	5044	0.192	ng/ul	98
20) Pyrene	19.54	202	5063	0.188	ng/ul	99
21) Benzo(a)anthracene	21.28	228	4471	0.178	ng/ul	98
22) Chrysene	21.33	228	5139	0.198	ng/ul	99
24) Benzo(b)fluoranthene	22.85	252	5618	0.194	ng/ul	93
25) Benzo(k)fluoranthene	22.90	252	5764	0.202	ng/ul#	94
26) Benzo(a)pyrene	23.43	252	4502	0.180	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.79	276	7275	0.221	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.80	278	6122	0.222	ng/ul	95
29) Benzo(g,h,i)perylene	26.47	276	5802	0.209	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032321\
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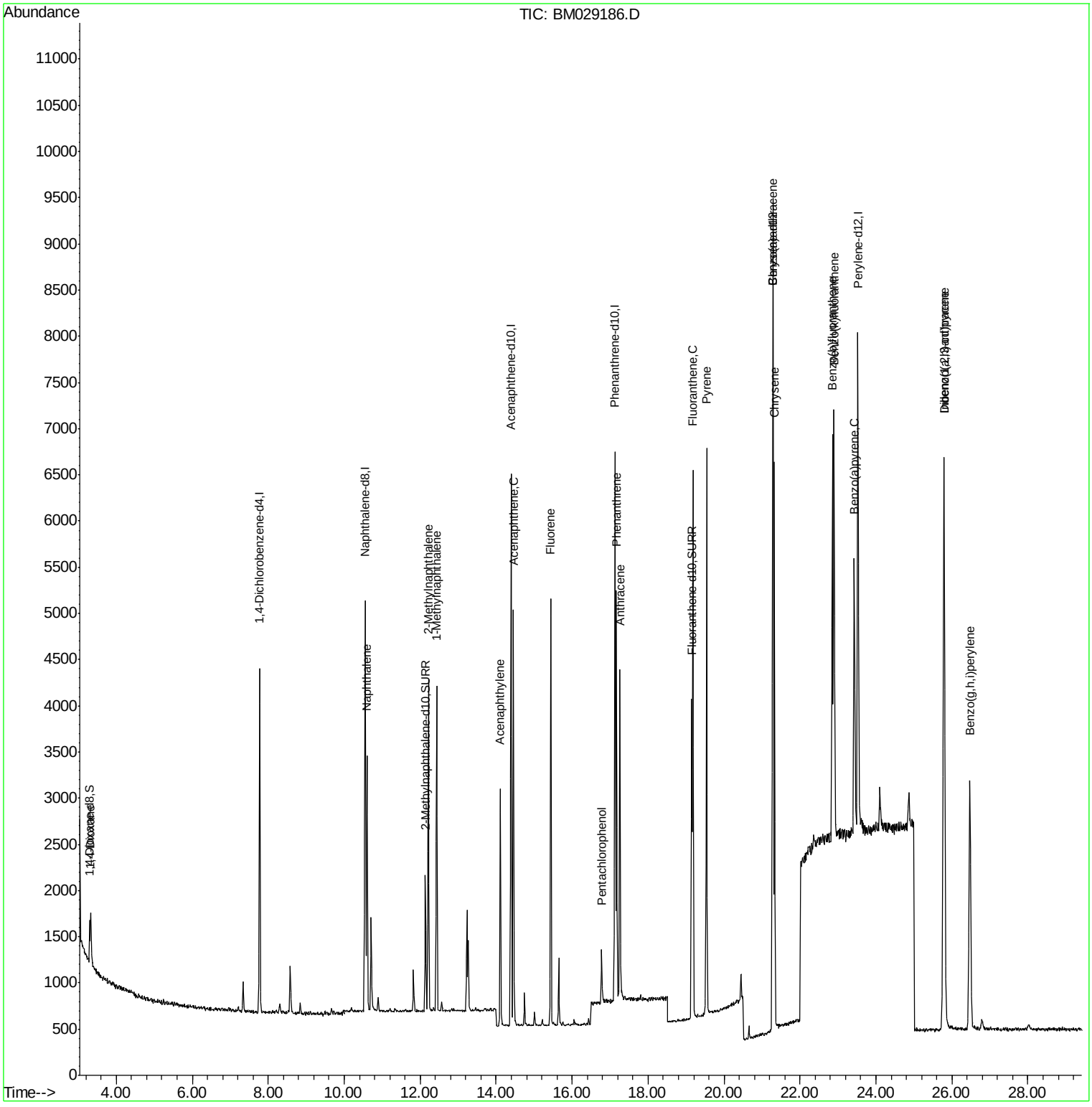
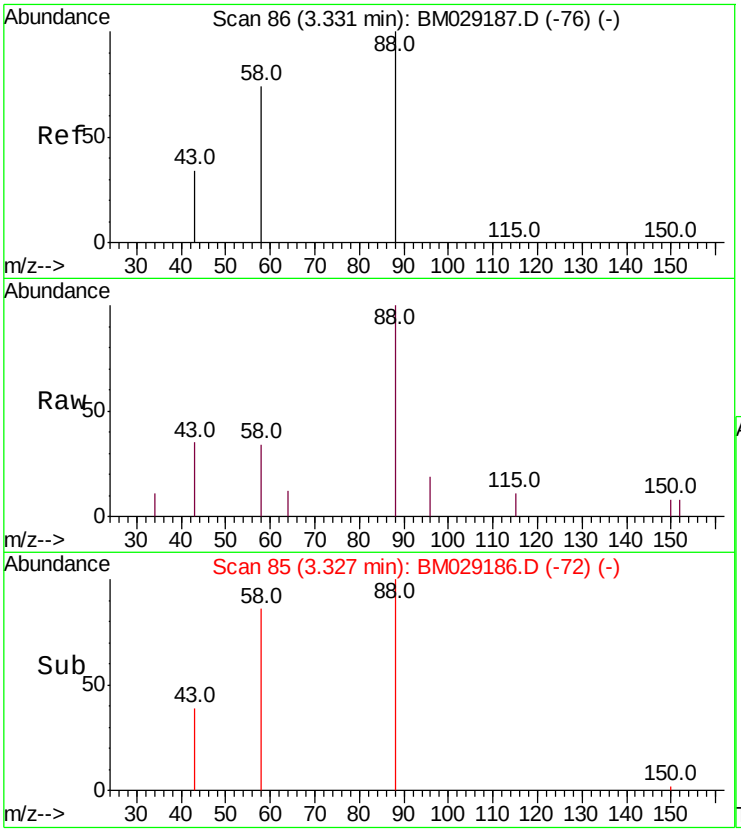
Acq On : 22 Mar 2021 20:17
Operator : CG/JU
Sample : SSTD0.202
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Quant Time: Mar 23 02:12:22 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



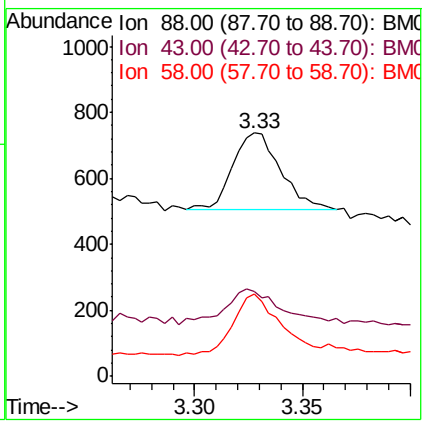


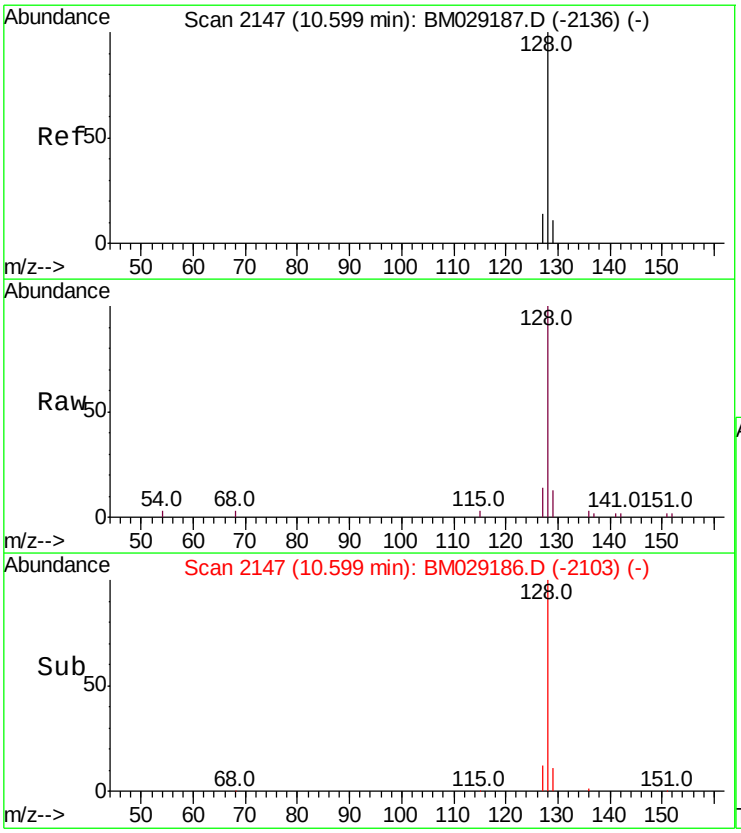
#2
1,4-Dioxane
Concen: 0.159 ng/ul
RT: 3.33 min Scan# 85
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion: 88 Resp: 352

Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.1	39.1
58	33.7	33.8	50.6#

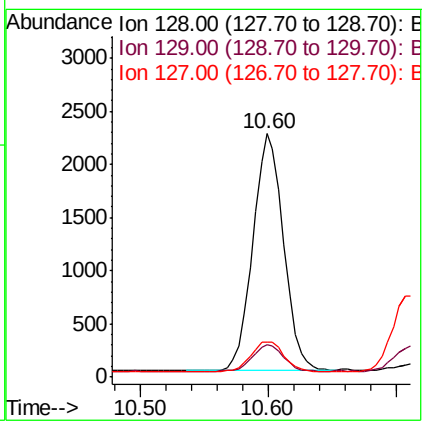


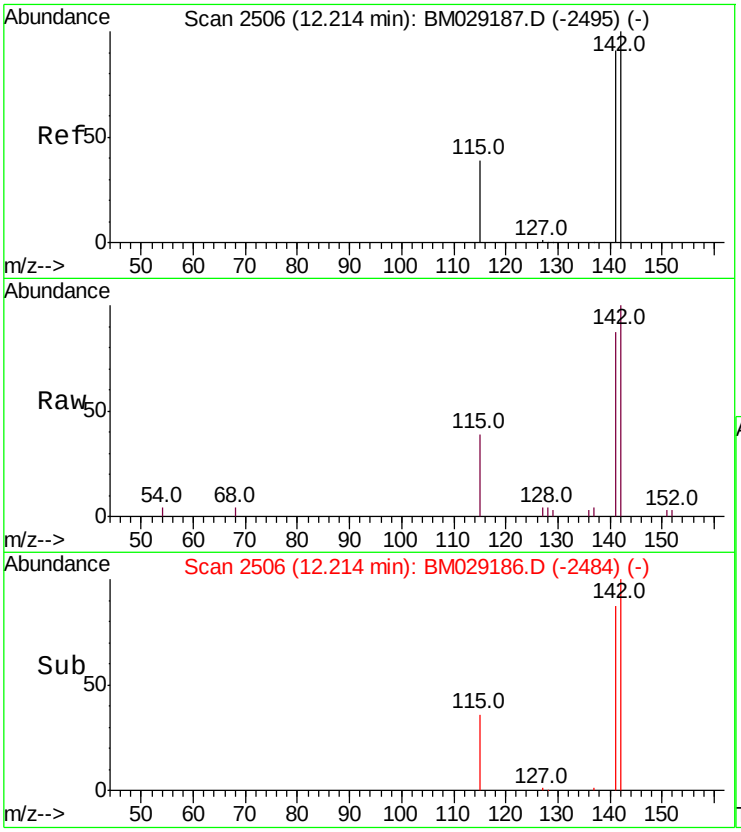


#5
Naphthalene
Concen: 0.227 ng/ul
RT: 10.60 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:128 Resp: 3759

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.5	14.3
127	14.5	11.8	17.8



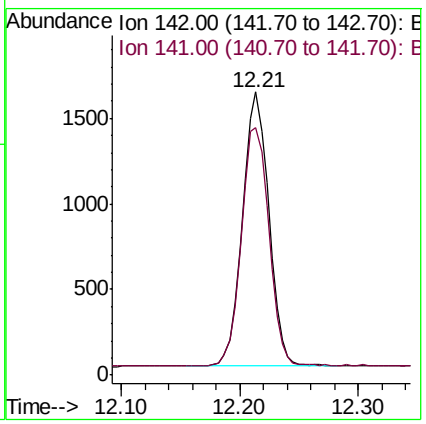


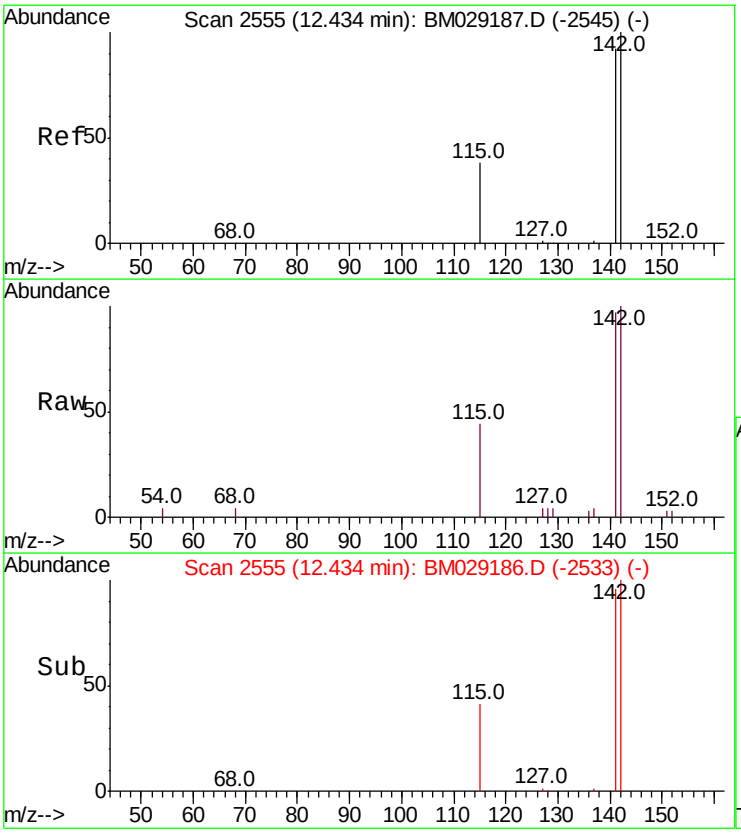
#7
2-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.21 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:142 Resp: 2469

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.0	108.0

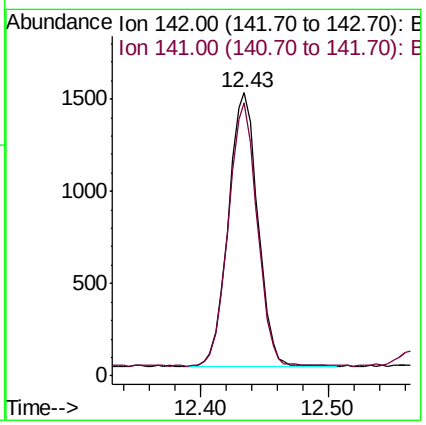


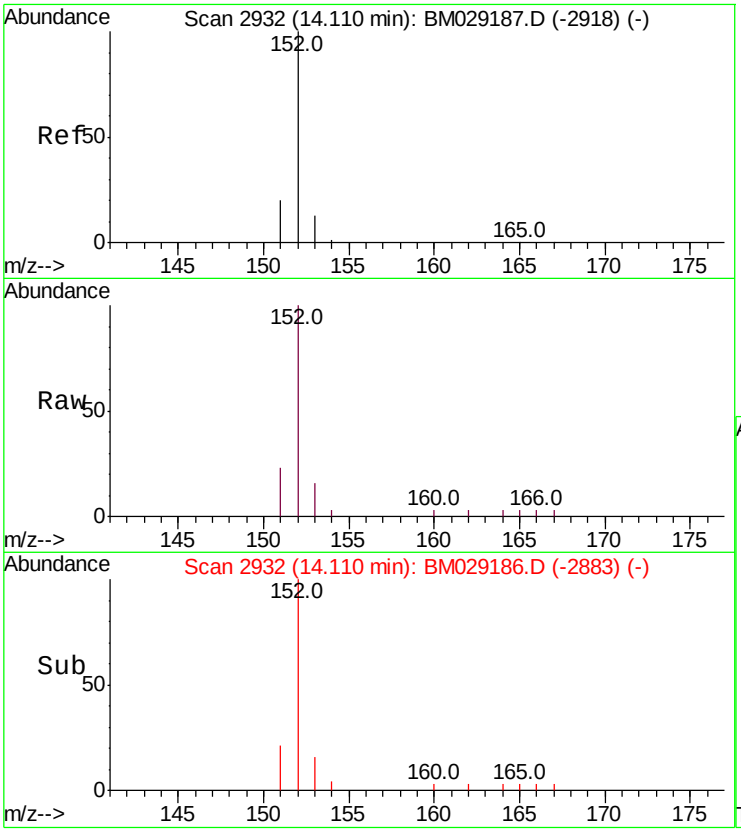


#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.43 min Scan# 2555
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:142 Resp: 2363

Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.0	111.0



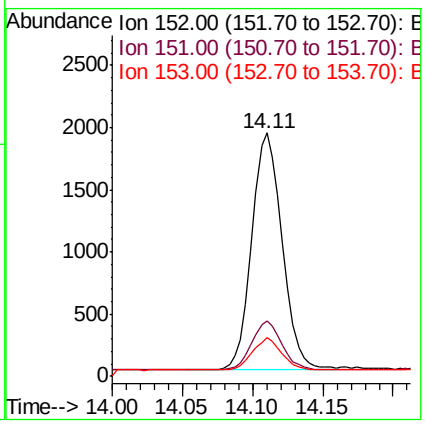


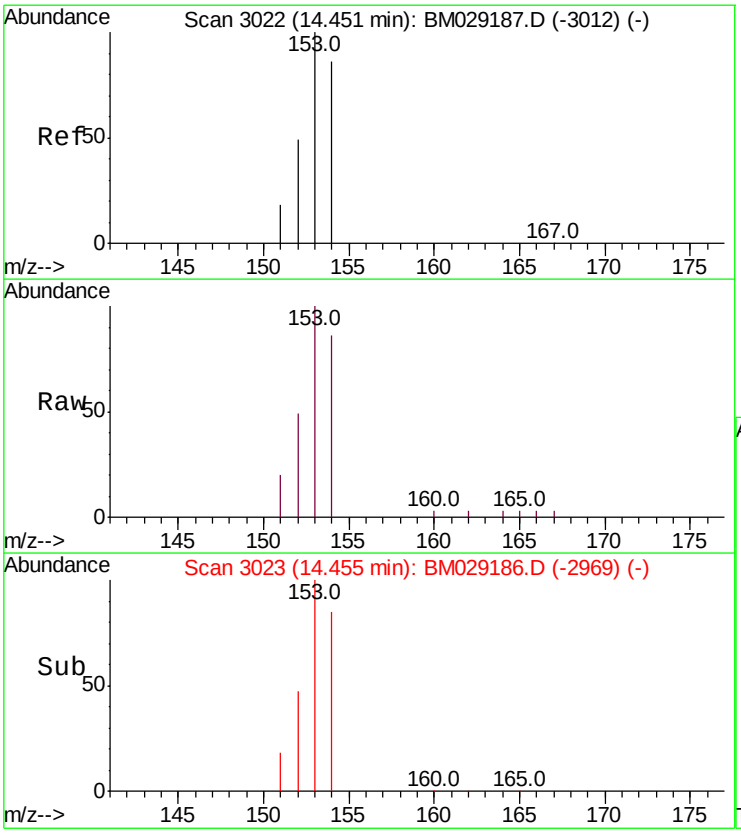
#10
Acenaphthylene
Concen: 0.205 ng/ul
RT: 14.11 min Scan# 2932
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:152 Resp: 2872

Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.2	25.8
153	15.8	11.1	16.7

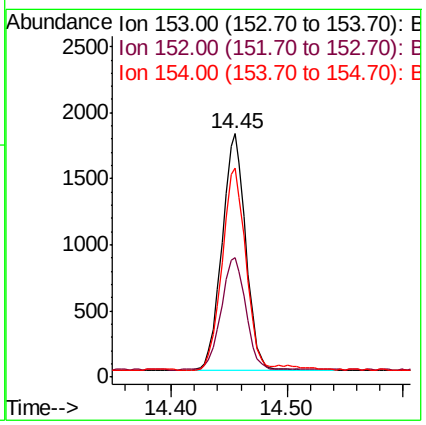


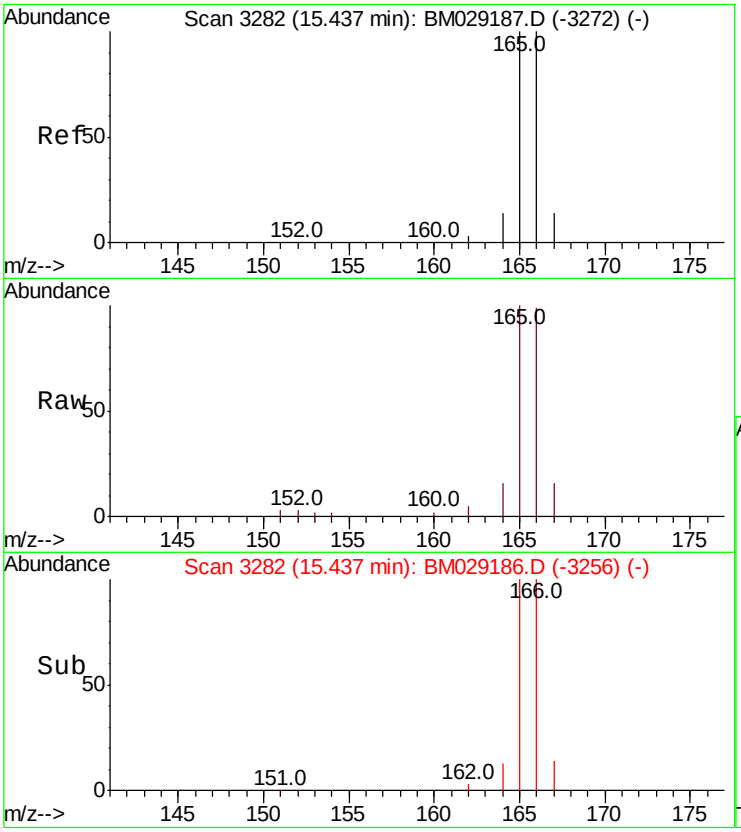


#11
Acenaphthene
Concen: 0.231 ng/ul
RT: 14.45 min Scan# 3023
Delta R.T. 0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:153 Resp: 2548

Ion	Ratio	Lower	Upper
153	100		
152	49.3	40.1	60.1
154	85.8	69.0	103.4



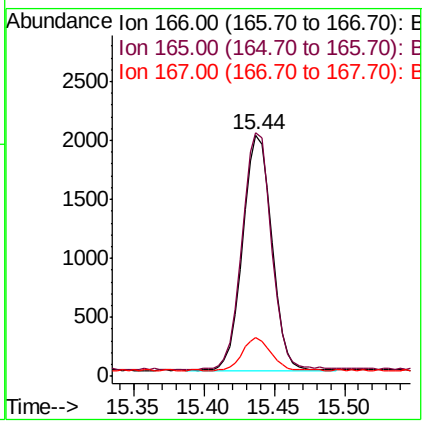


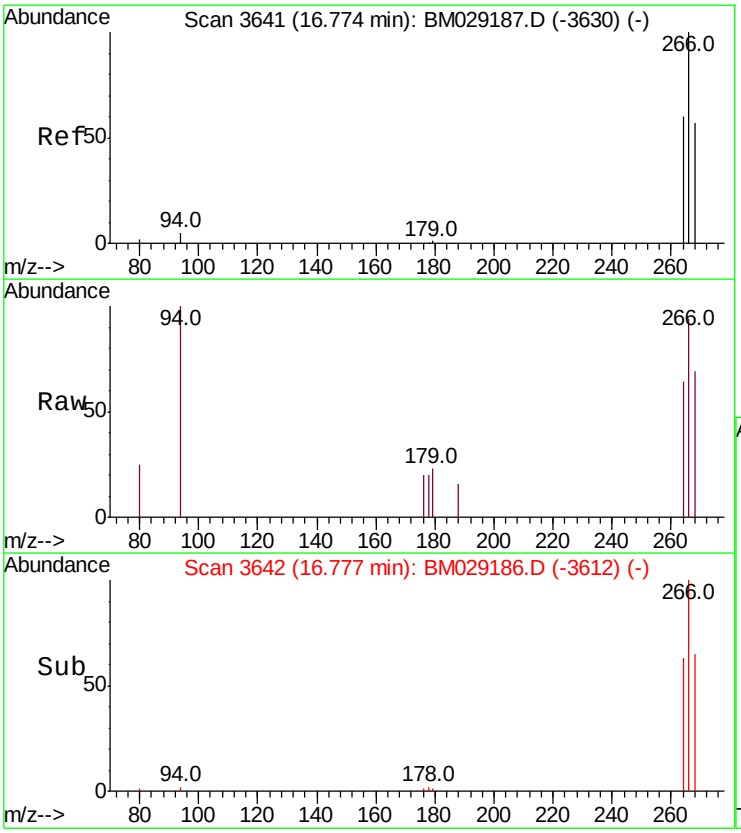
#12
Fluorene
Concen: 0.228 ng/ul
RT: 15.44 min Scan# 3282
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:166 Resp: 2855

Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.6	120.8
167	16.1	12.0	18.0

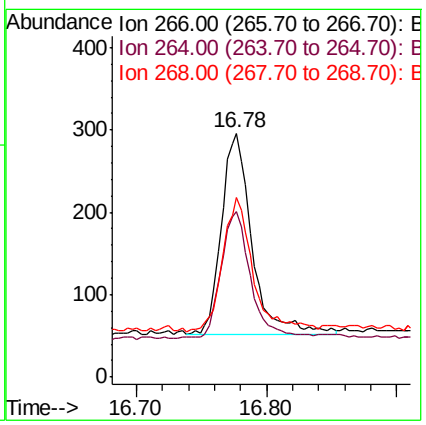


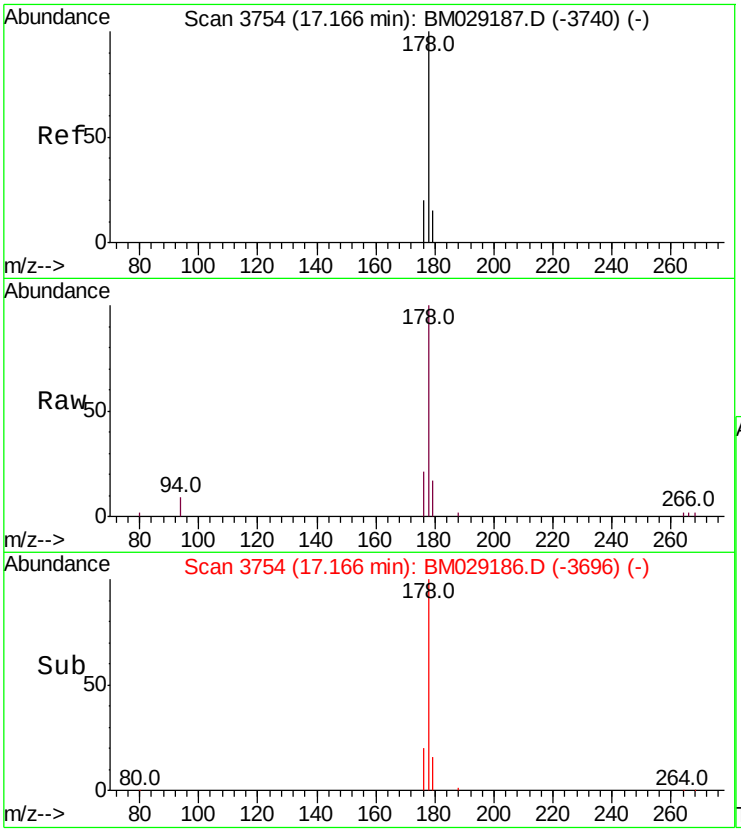


#14
Pentachlorophenol
Concen: 0.207 ng/ul
RT: 16.78 min Scan# 3642
Delta R.T. 0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:266 Resp: 396

Ion	Ratio	Lower	Upper
266	100		
264	60.1	48.1	72.1
268	67.7	51.8	77.6



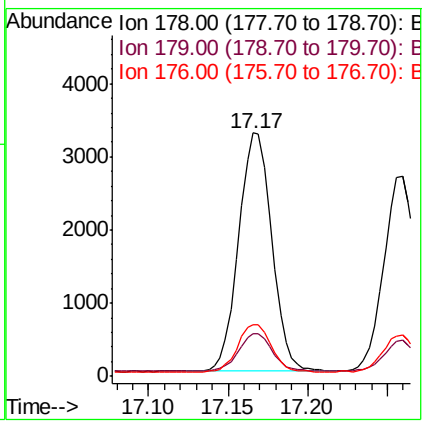


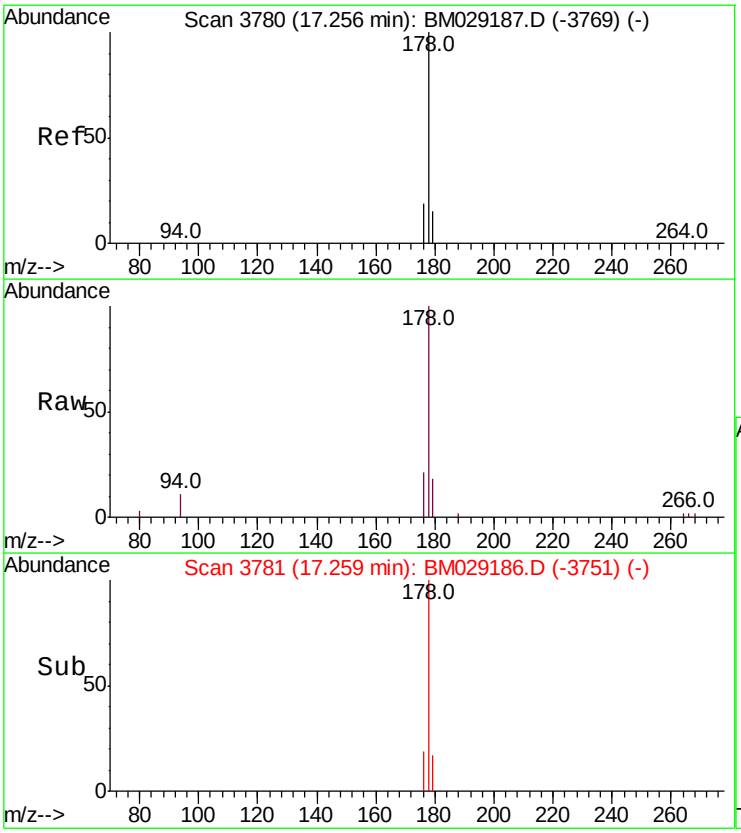
#15
Phenanthrene
Concen: 0.222 ng/ul
RT: 17.17 min Scan# 3754
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:178 Resp: 4726

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.9	19.3
176	21.4	16.5	24.7

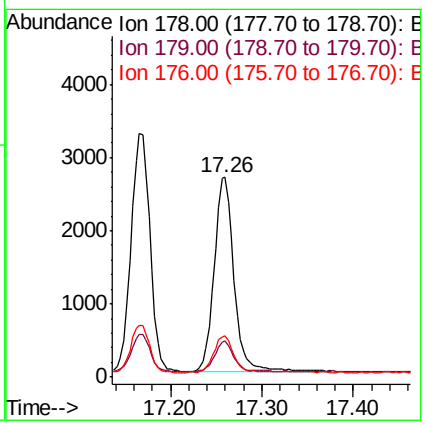


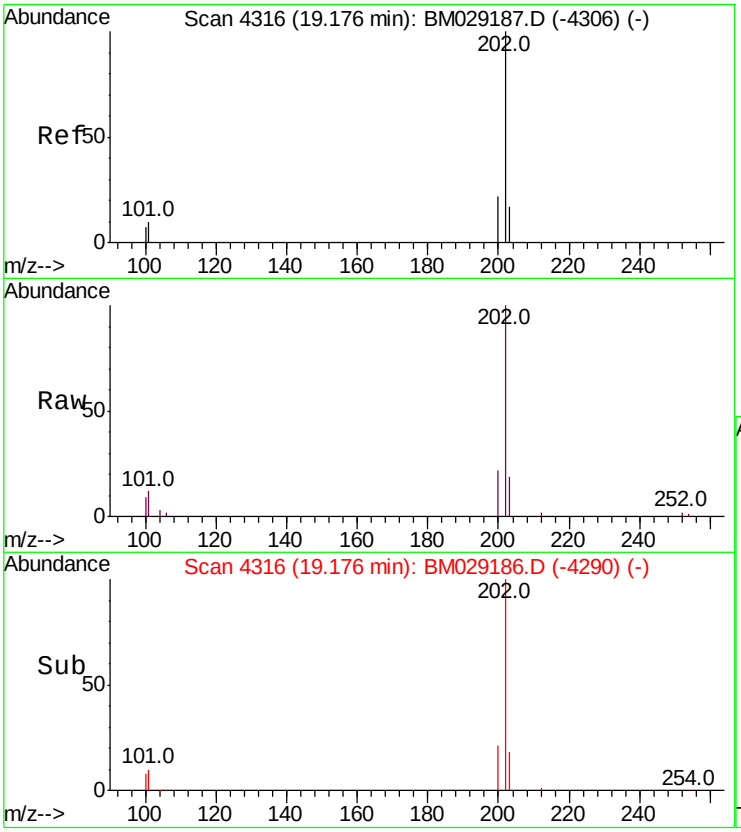


#16
Anthracene
Concen: 0.204 ng/ul
RT: 17.26 min Scan# 3781
Delta R.T. 0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:178 Resp: 4014

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.1	19.7
176	20.8	16.2	24.2



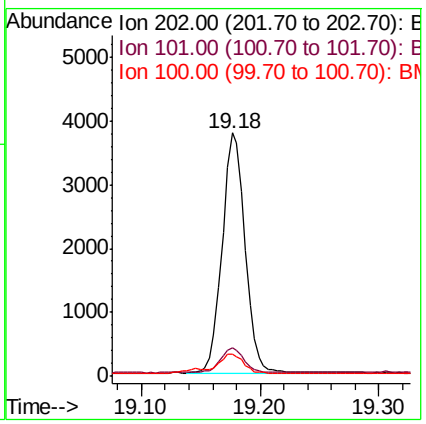


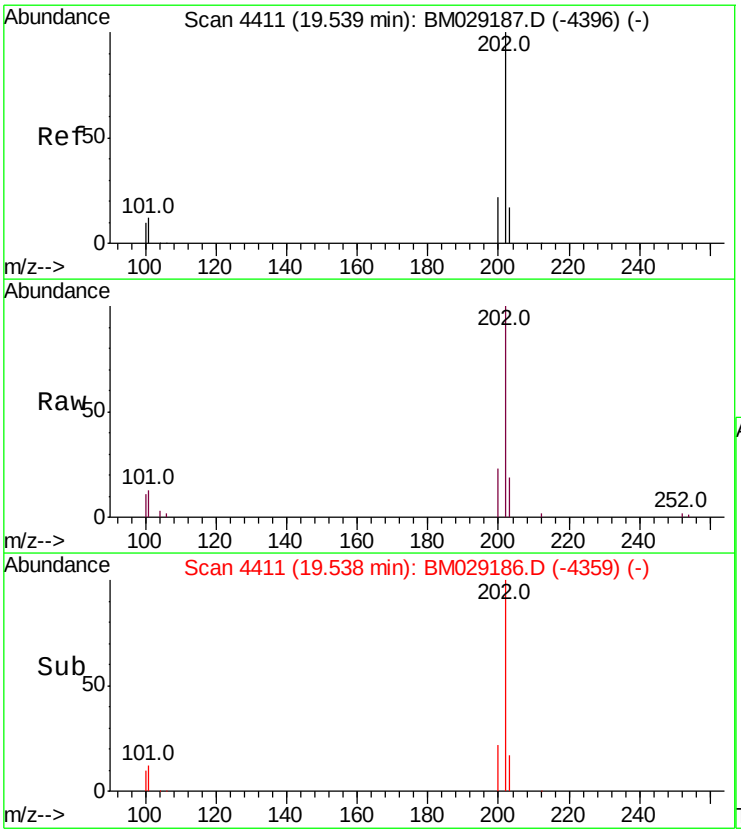
#19
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.18 min Scan# 4316
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:202 Resp: 5044

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.7	13.1
100	9.2	6.9	10.3

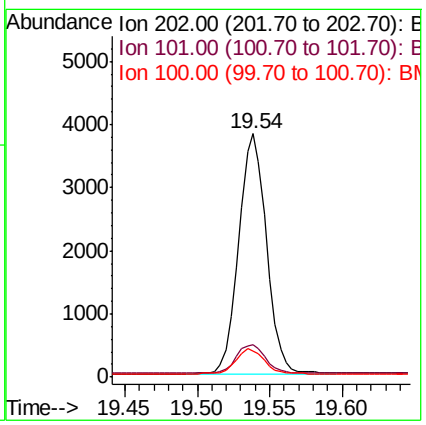


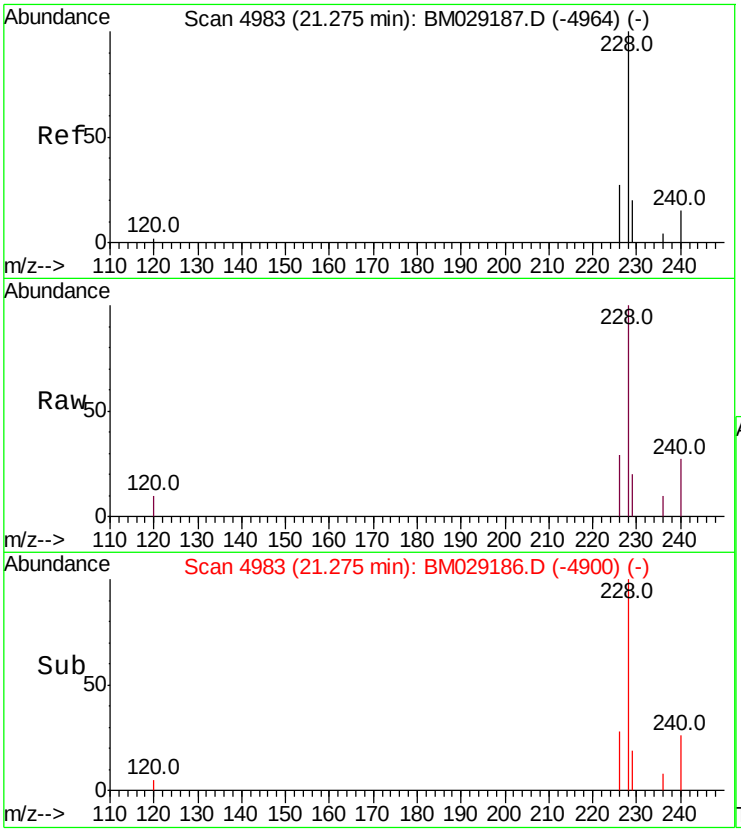


#20
Pyrene
Concen: 0.188 ng/ul
RT: 19.54 min Scan# 4411
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:202 Resp: 5063

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.2	15.4
100	10.8	8.5	12.7



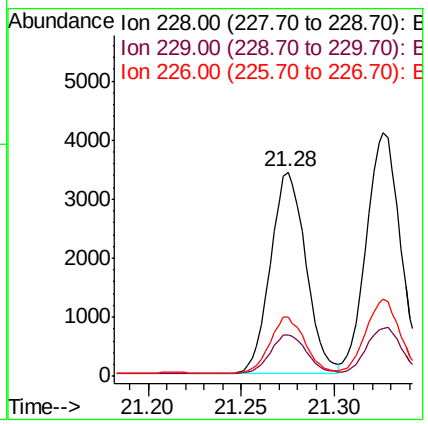


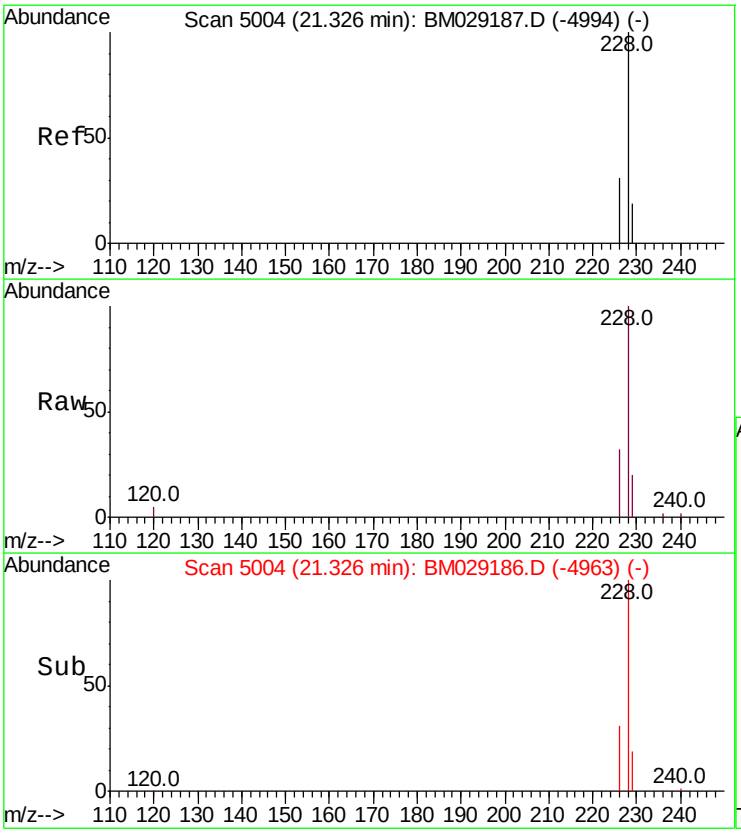
#21
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.28 min Scan# 4983
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:228 Resp: 4471

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	29.3	22.2	33.2

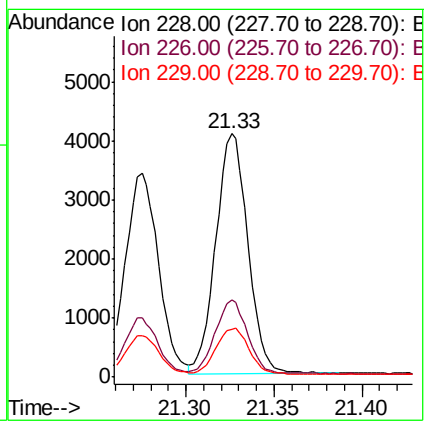


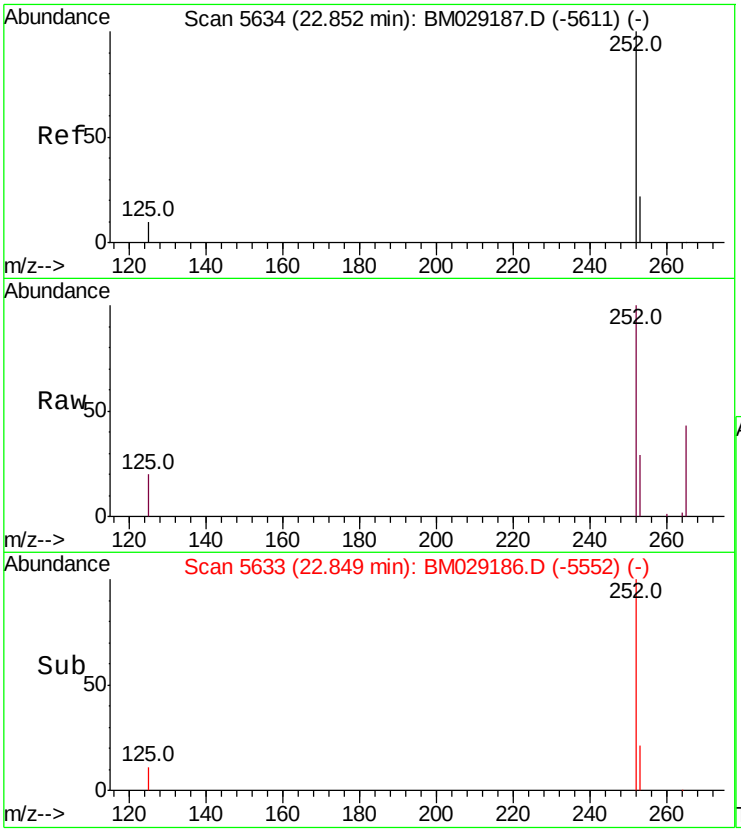


#22
Chrysene
Concen: 0.198 ng/ul
RT: 21.33 min Scan# 5004
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:228 Resp: 5139

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	19.8	16.0	24.0



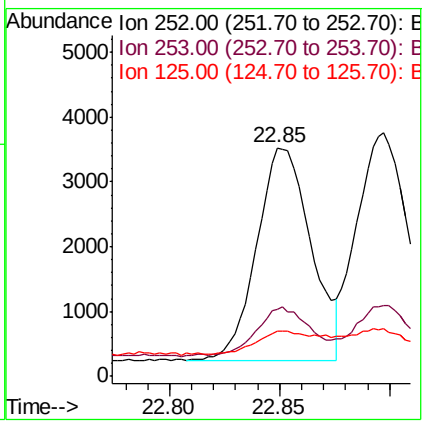


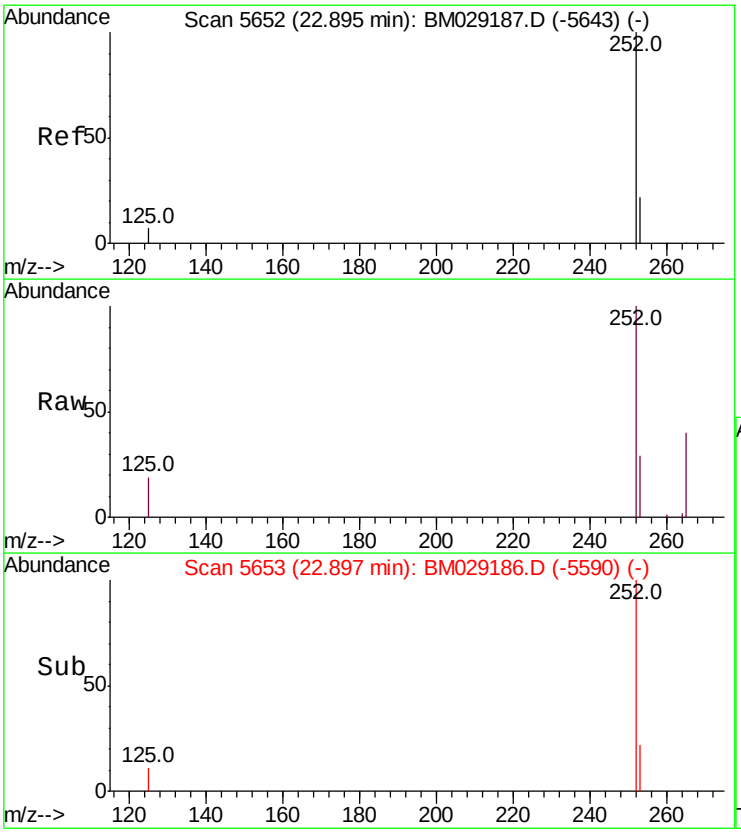
#24
Benzo(b)fluoranthene
Concen: 0.194 ng/ul
RT: 22.85 min Scan# 5633
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 5618

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	52.4
125	19.5	0.0	31.0

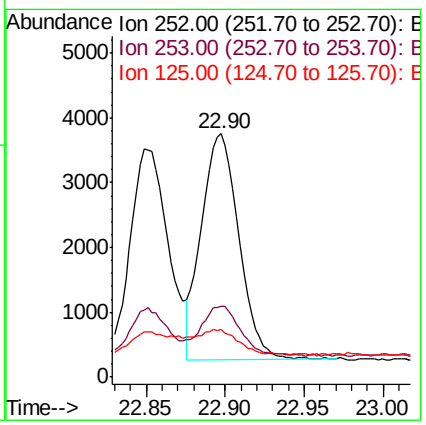


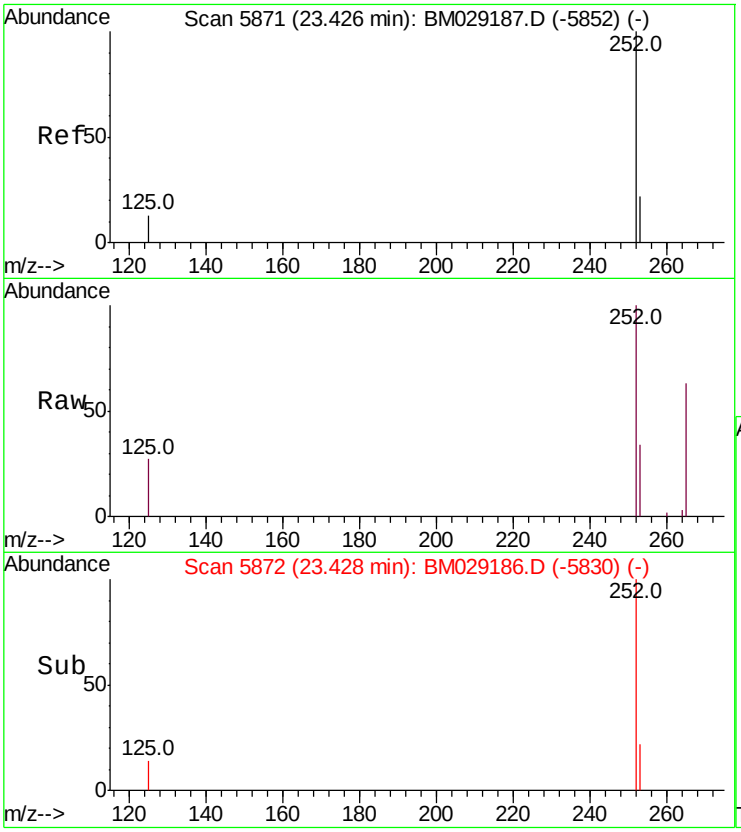


#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul
RT: 22.90 min Scan# 5653
Delta R.T. 0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:252 Resp: 5764

Ion	Ratio	Lower	Upper
252	100		
253	28.8	21.1	31.7
125	19.4	12.6	19.0#



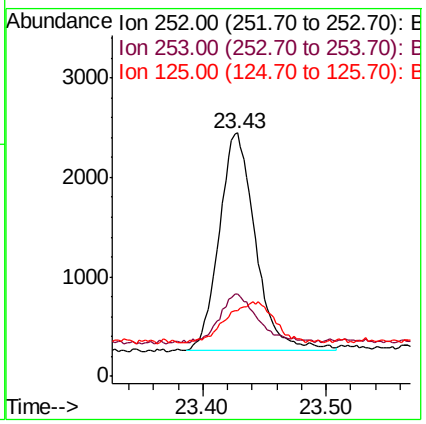


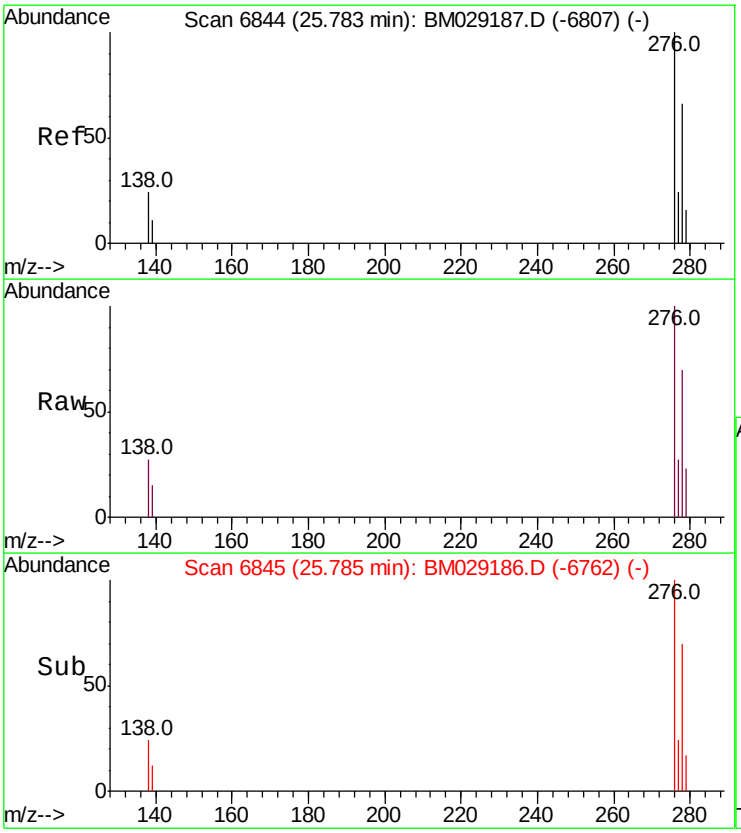
#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.43 min Scan# 5872
Delta R.T. 0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:252 Resp: 4502

Ion	Ratio	Lower	Upper
252	100		
253	34.1	22.6	33.8#
125	27.0	16.4	24.6#

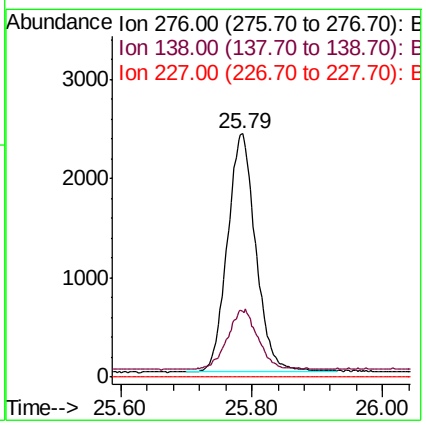


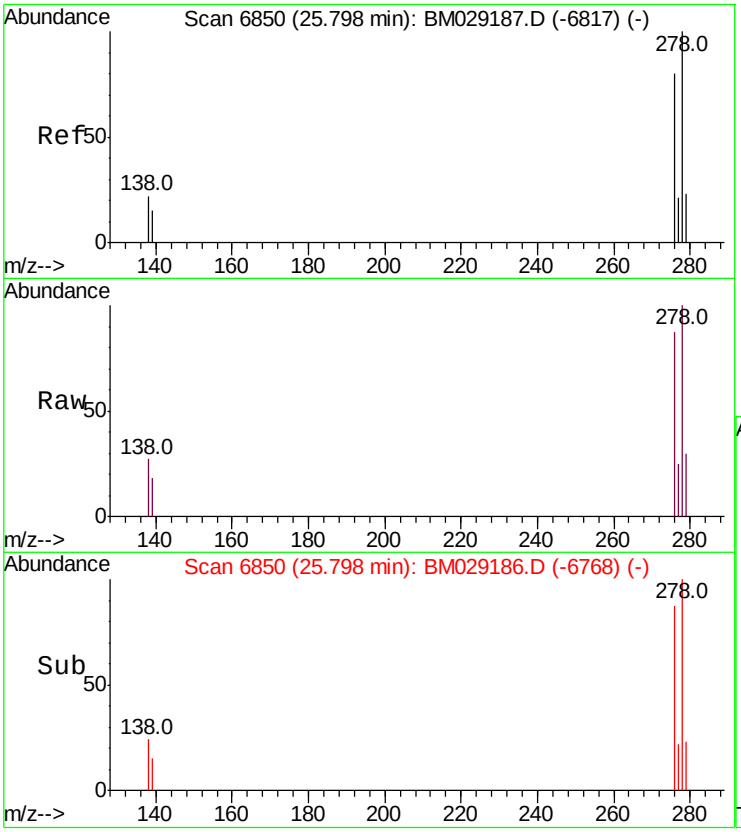


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.79 min Scan# 6845
Delta R.T. 0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:276 Resp: 7275

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
227	0.0	0.0	0.0



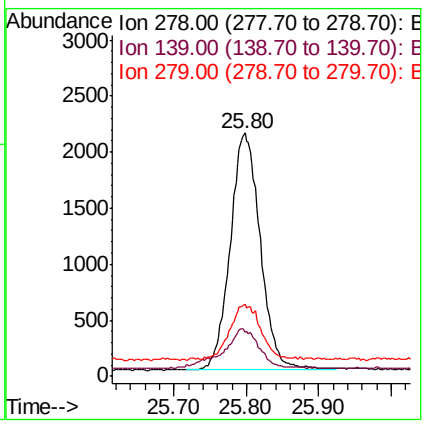


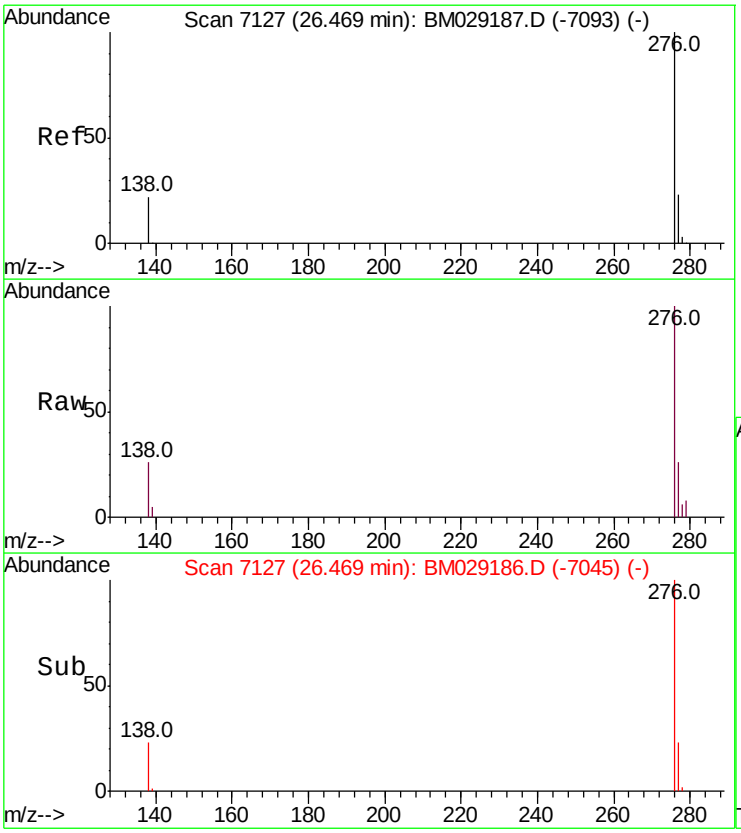
#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 25.80 min Scan# 6850
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 6122

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.6	20.4
279	29.6	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.209 ng/ul
RT: 26.47 min Scan# 7127
Delta R.T. -0.00 min
Lab File: BM029186.D
Acq: 22 Mar 2021 20:17

Tgt Ion:276 Resp: 5802

Ion	Ratio	Lower	Upper
276	100		
138	26.4	19.3	28.9
277	26.4	19.8	29.8