Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011321\
Data File : BM028385.D
Acq On : 13 Jan 2021 12:08
Operator : CG/JU
Sample : PB134061BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS061

Quant Time: Jan 13 12:48:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM011121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 10:28:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	376	0.40	ng/ul	0.00
4) Naphthalene-d8	10.95	136	1427	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.75	164	775	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.48	188	1588	0.40	ng/ul	0.00
17) Chrysene-d12	21.60	240	1313	0.40	ng/ul	0.00
23) Perylene-d12	23.92	264	1027	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	303	0.72	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.52	152	838	0.41	ng/ul	0.00
18) Fluoranthene-d10	19.48	212	1607	0.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	766	1.770	ng/ul	93
5) Naphthalene	11.00	128	1525	0.374	ng/ul	96
7) 2-Methylnaphthalene	12.60	142	995	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.82	142	943	0.379	ng/ul	99
10) Acenaphthylene	14.48	152	1209	0.360	ng/ul	99
11) Acenaphthene	14.82	153	1053	0.367	ng/ul	100
12) Fluorene	15.80	166	1175	0.375	ng/ul	99
14) Pentachlorophenol	17.13	266	229	0.641	ng/ul	100
15) Phenanthrene	17.52	178	1844	0.367	ng/ul	99
16) Anthracene	17.61	178	1610	0.367	ng/ul	99
19) Fluoranthene	19.51	202	2067	0.359	ng/ul	100
20) Pyrene	19.87	202	2078	0.366	ng/ul	100
21) Benzo(a)anthracene	21.58	228	1717	0.381	ng/ul	99
22) Chrysene	21.63	228	1864	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.22	252	1765	0.399	ng/ul	99
25) Benzo(k)fluoranthene	23.26	252	1702	0.407	ng/ul	98
26) Benzo(a)pyrene	23.82	252	1400	0.386	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.30	276	1677	0.353	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.31	278	1382	0.352	ng/ul	98
29) Benzo(g,h,i)perylene	27.03	276	1477	0.347	ng/ul	98

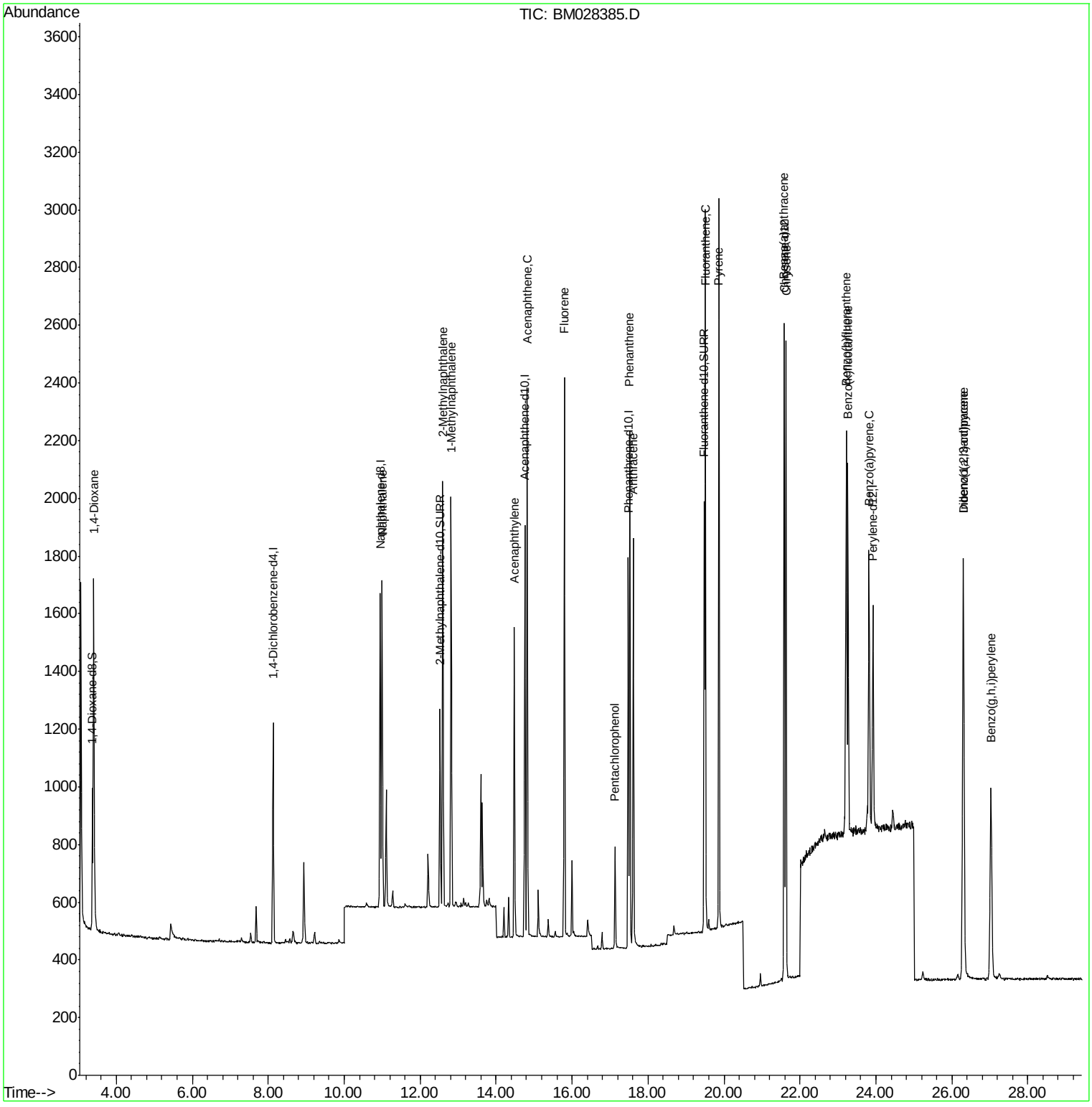
(#) = qualifier out of range (m) = manual integration (+) = signals summed

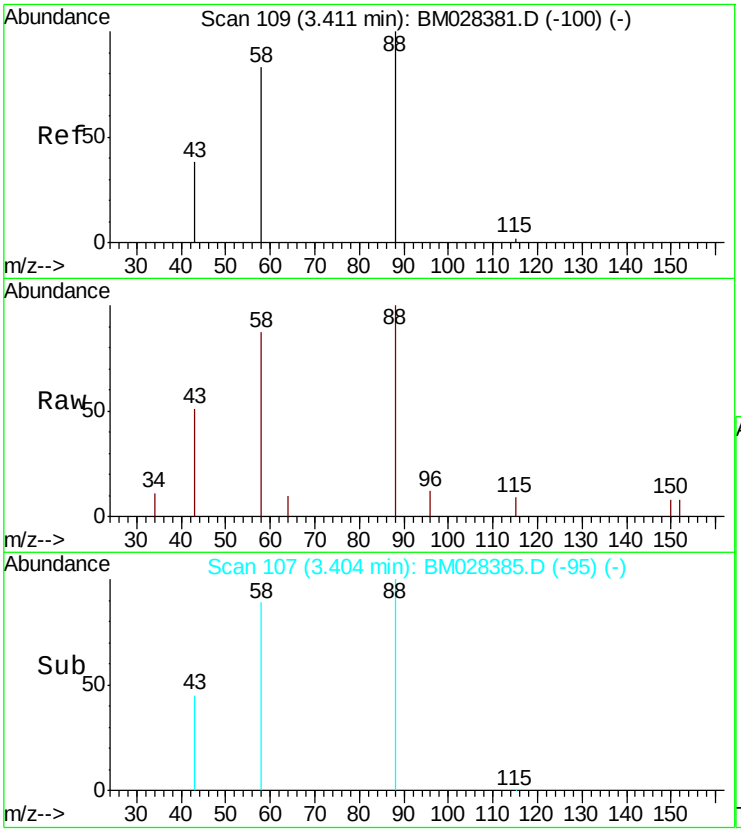
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011321\
Data File : BM028385.D
Acq On : 13 Jan 2021 12:08
Operator : CG/JU
Sample : PB134061BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS061

Quant Time: Jan 13 12:48:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM011121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 10:28:38 2021
Response via : Initial Calibration



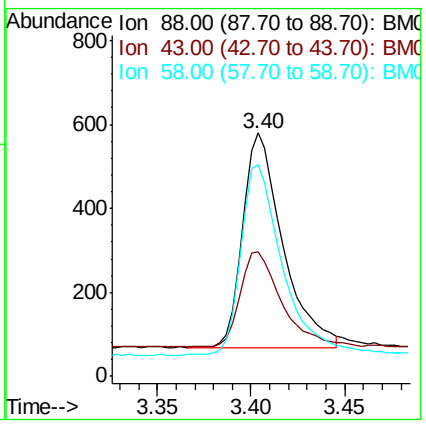


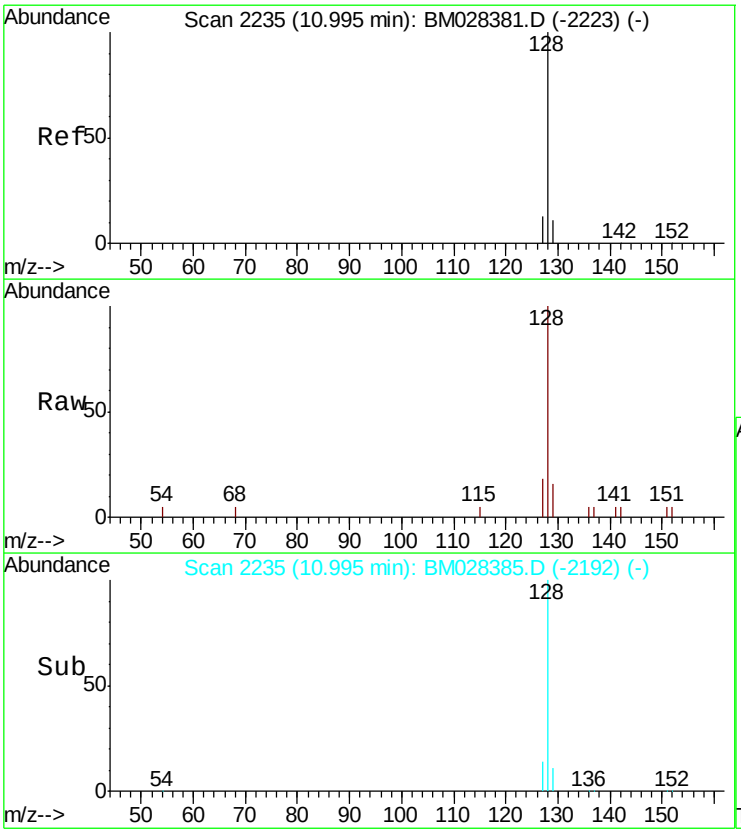
#2
1,4-Dioxane
Concen: 1.770 ng/ul
RT: 3.40 min Scan# 107
Delta R.T. -0.01 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion: 88 Resp: 766

Ion	Ratio	Lower	Upper
88	100		
43	51.4	47.8	71.6
58	86.9	67.1	100.7

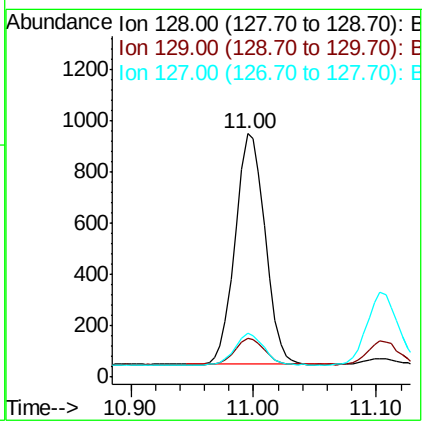


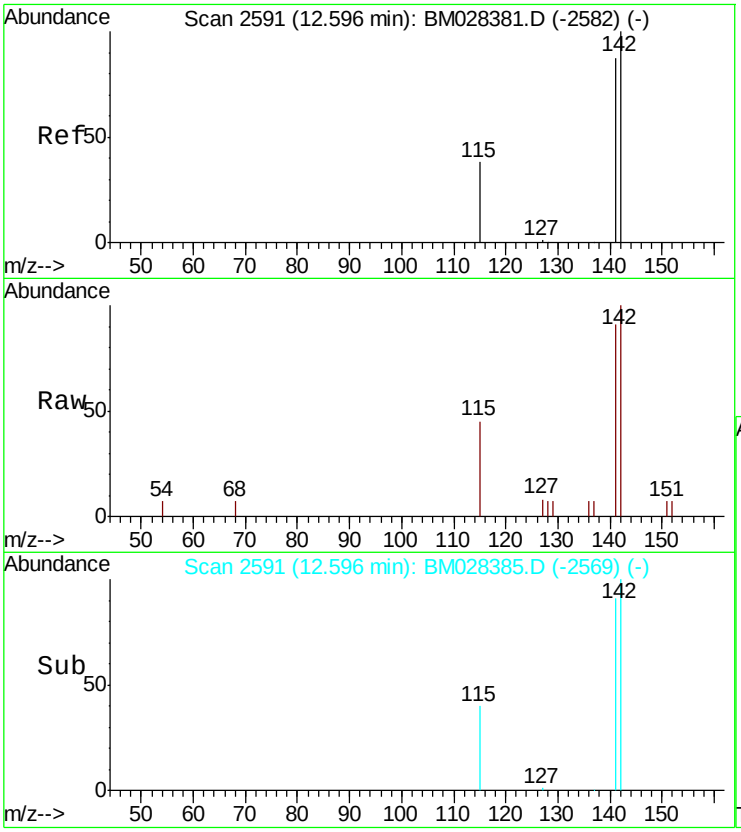


#5
Naphthalene
Concen: 0.374 ng/ul
RT: 11.00 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:128 Resp: 1525

Ion	Ratio	Lower	Upper
128	100		
129	15.9	11.1	16.7
127	17.8	13.0	19.4



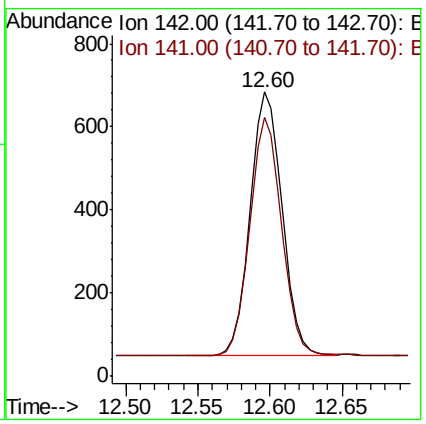


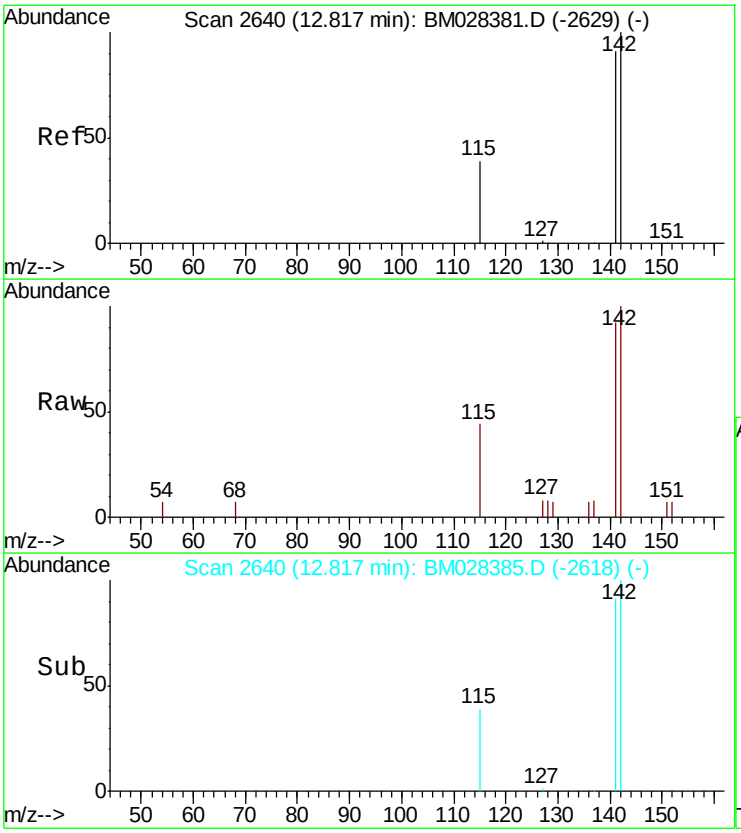
#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.60 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:142 Resp: 995

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6

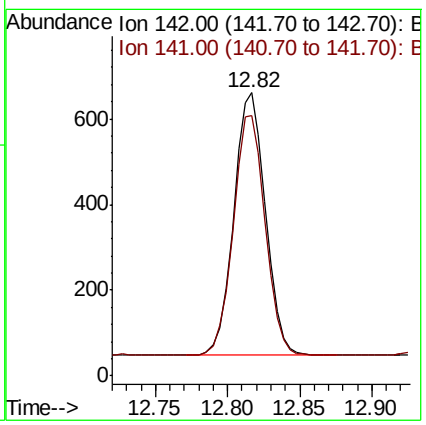


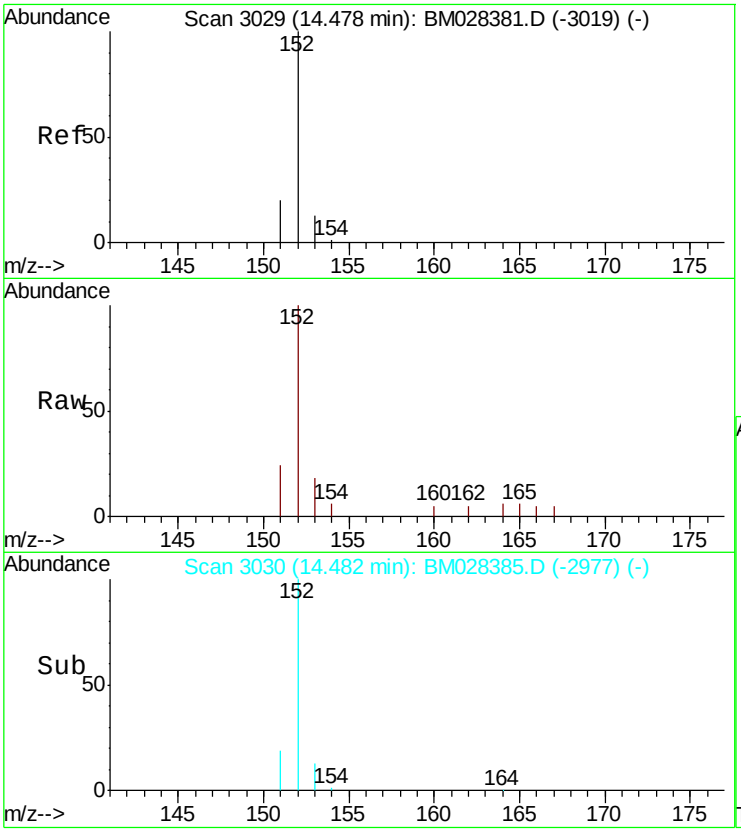


#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.82 min Scan# 2640
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:142 Resp: 943

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.0	111.0



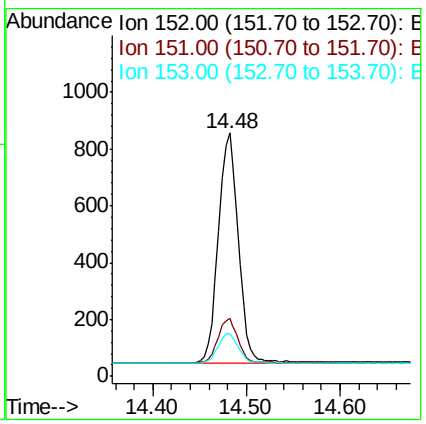


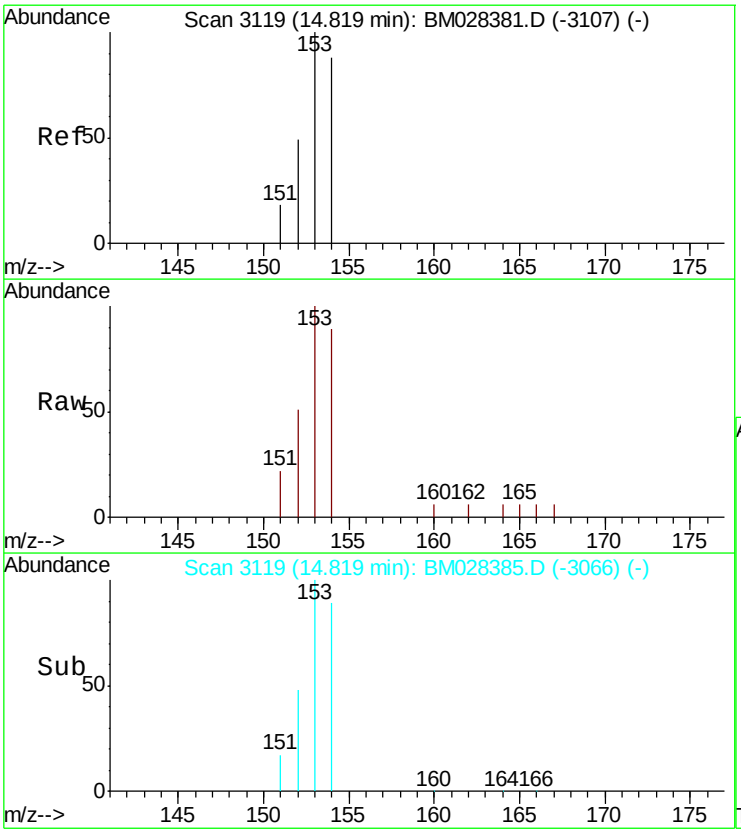
#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:152 Resp: 1209

Ion	Ratio	Lower	Upper
152	100		
151	23.9	18.4	27.6
153	17.5	13.8	20.6

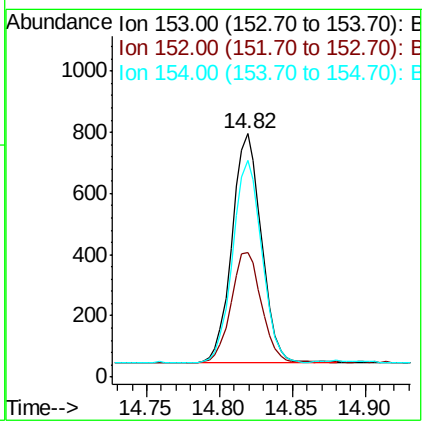


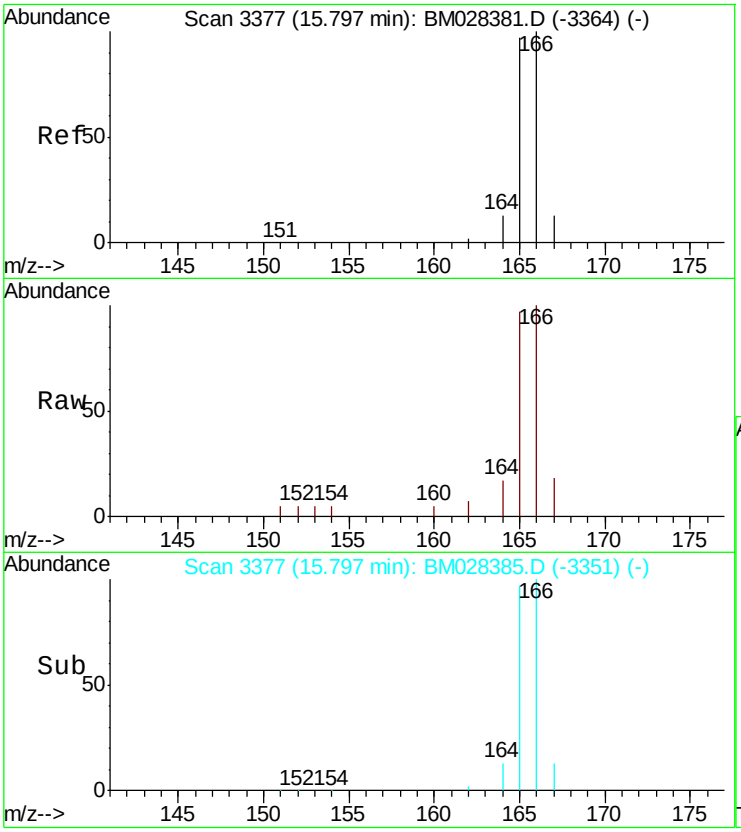


#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.82 min Scan# 3119
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:153 Resp: 1053

Ion	Ratio	Lower	Upper
153	100		
152	51.4	40.9	61.3
154	89.2	71.7	107.5



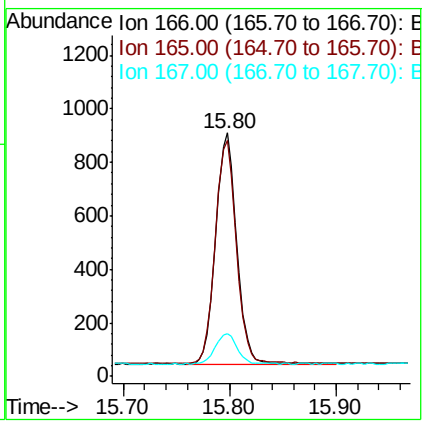


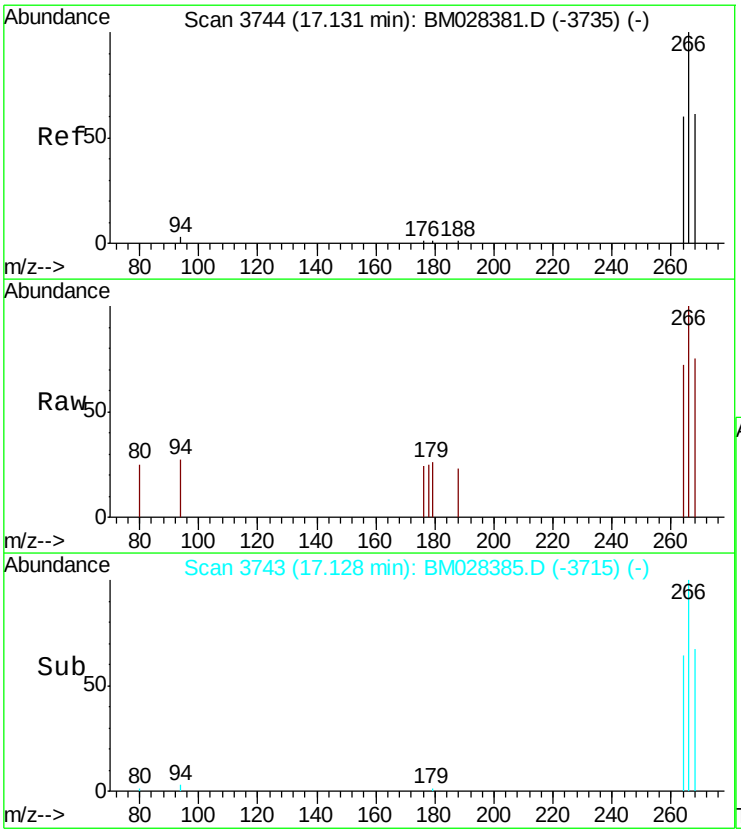
#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.80 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:166 Resp: 1175

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.6	117.8
167	17.7	14.2	21.2

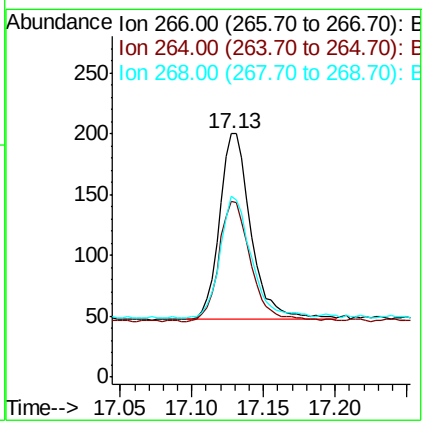


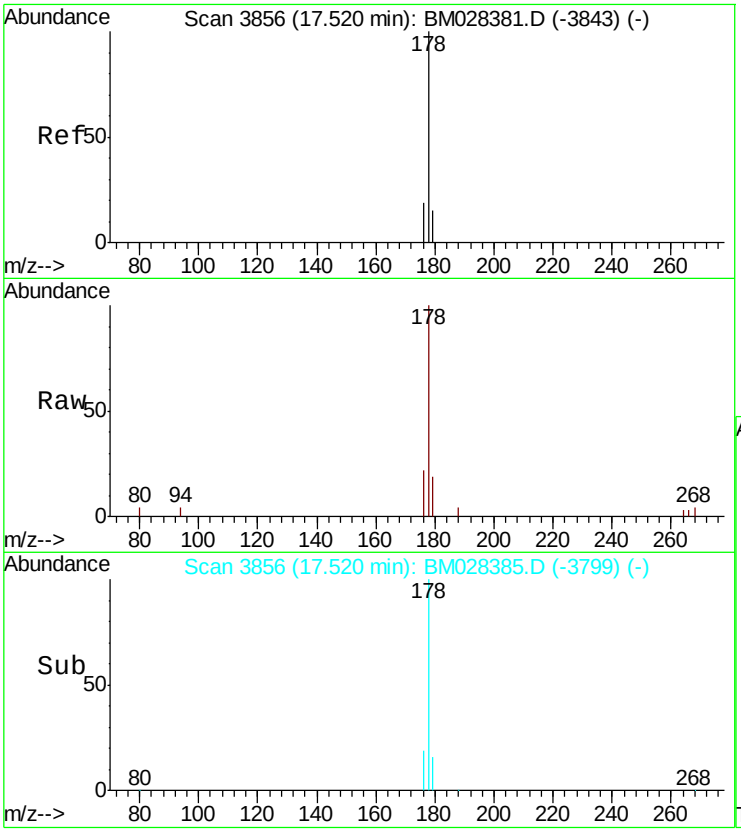


#14
Pentachlorophenol
Concen: 0.641 ng/ul
RT: 17.13 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:266 Resp: 229

Ion	Ratio	Lower	Upper
266	100		
264	65.9	52.6	78.8
268	65.1	52.0	78.0



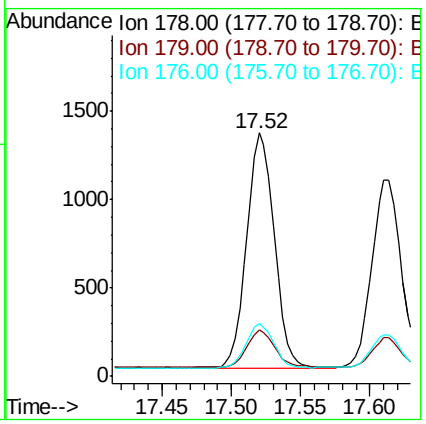


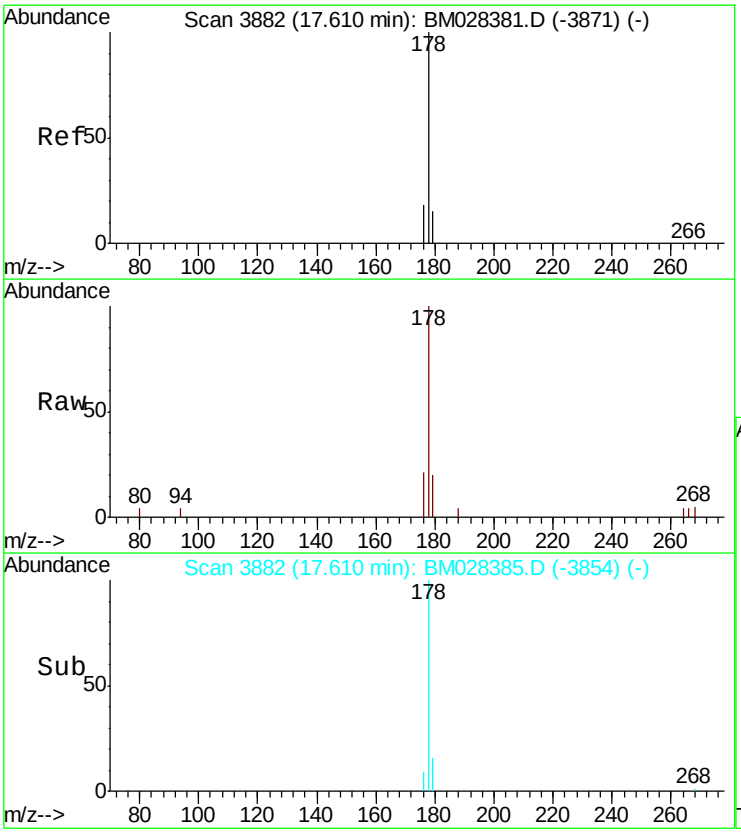
#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.52 min Scan# 3856
Delta R.T. -0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:178 Resp: 1844

Ion	Ratio	Lower	Upper
178	100		
179	18.9	14.6	21.8
176	21.6	17.0	25.6

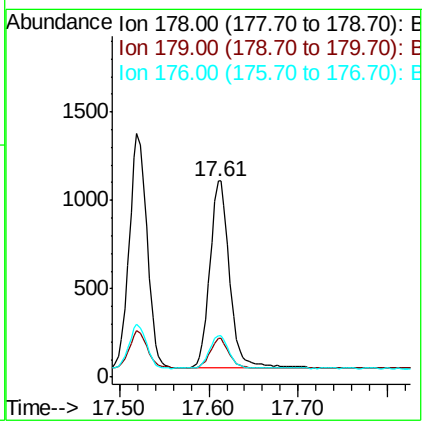


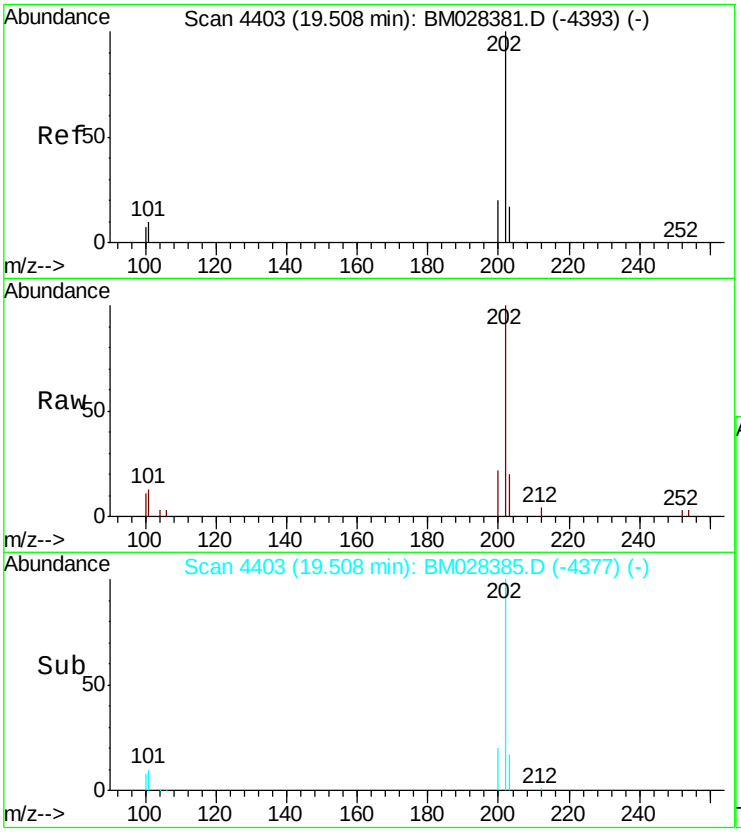


#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.61 min Scan# 3882
Delta R.T. -0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:178 Resp: 1610

Ion	Ratio	Lower	Upper
178	100		
179	19.5	15.1	22.7
176	21.4	17.0	25.4



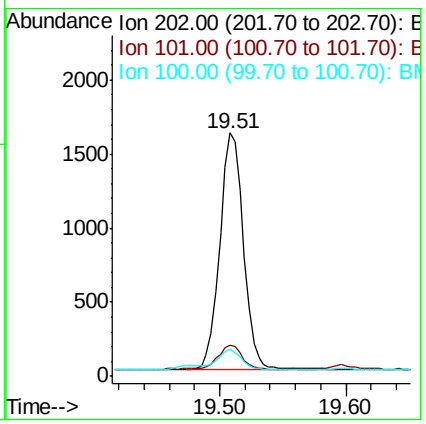


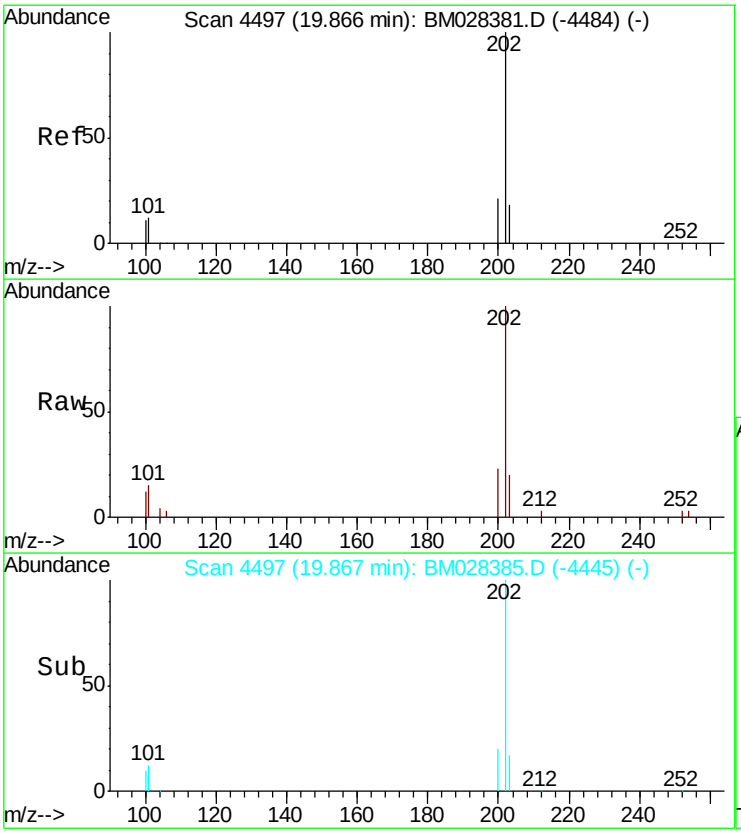
#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.51 min Scan# 4403
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:202 Resp: 2067

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.2	15.4
100	11.1	9.0	13.4

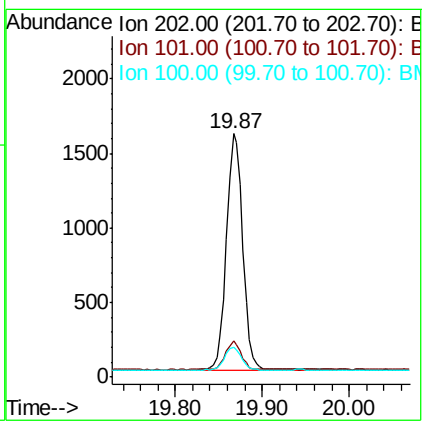


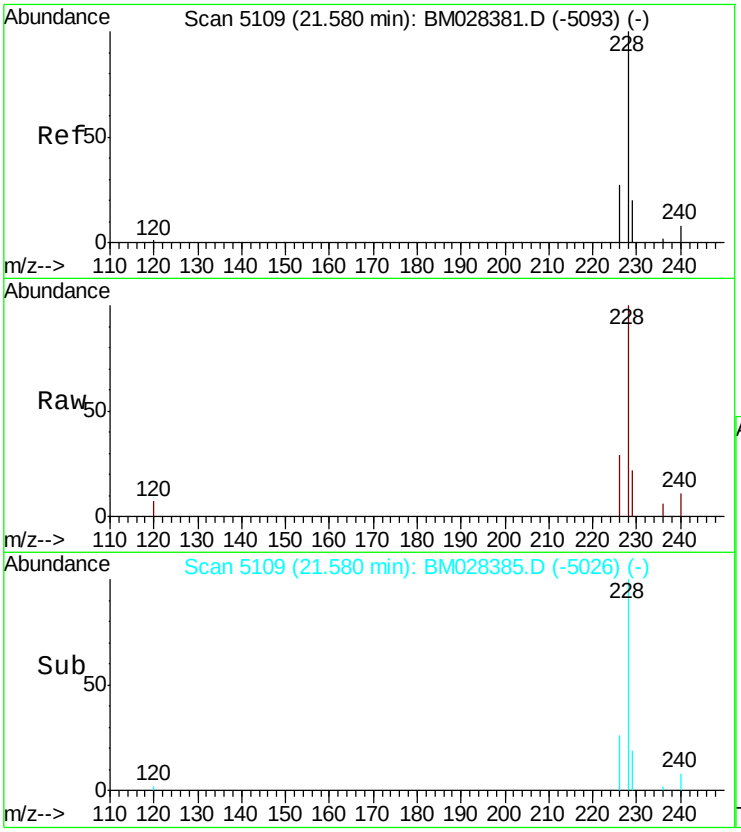


#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.87 min Scan# 4497
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:202 Resp: 2078

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.8	17.8
100	12.5	10.1	15.1



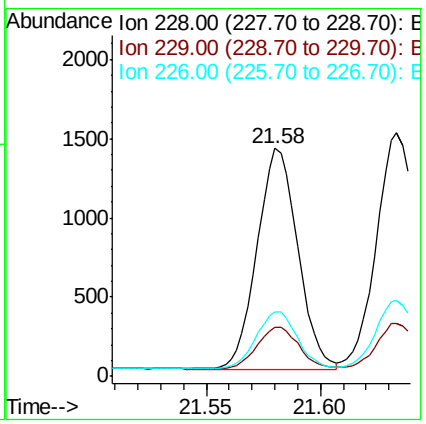


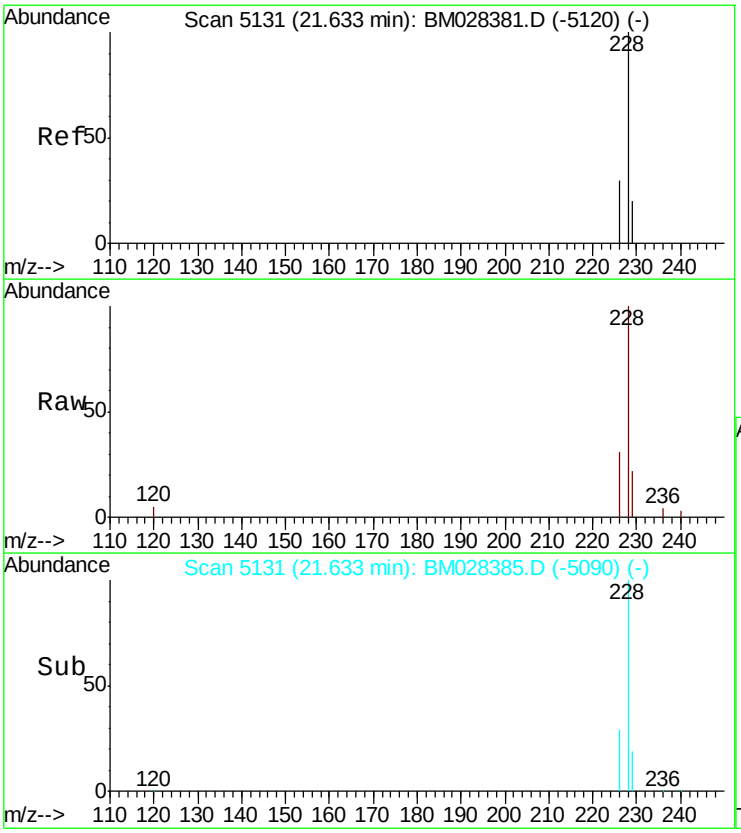
#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.58 min Scan# 5109
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:228 Resp: 1717

Ion	Ratio	Lower	Upper
228	100		
229	21.7	18.3	27.5
226	28.5	23.0	34.4

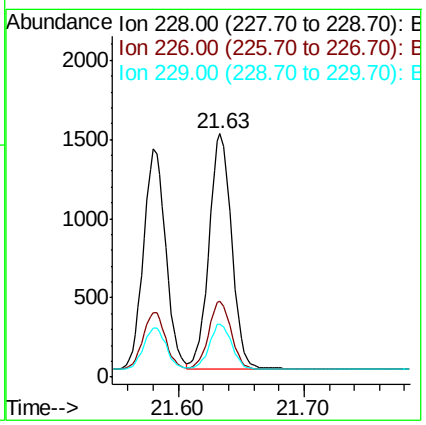


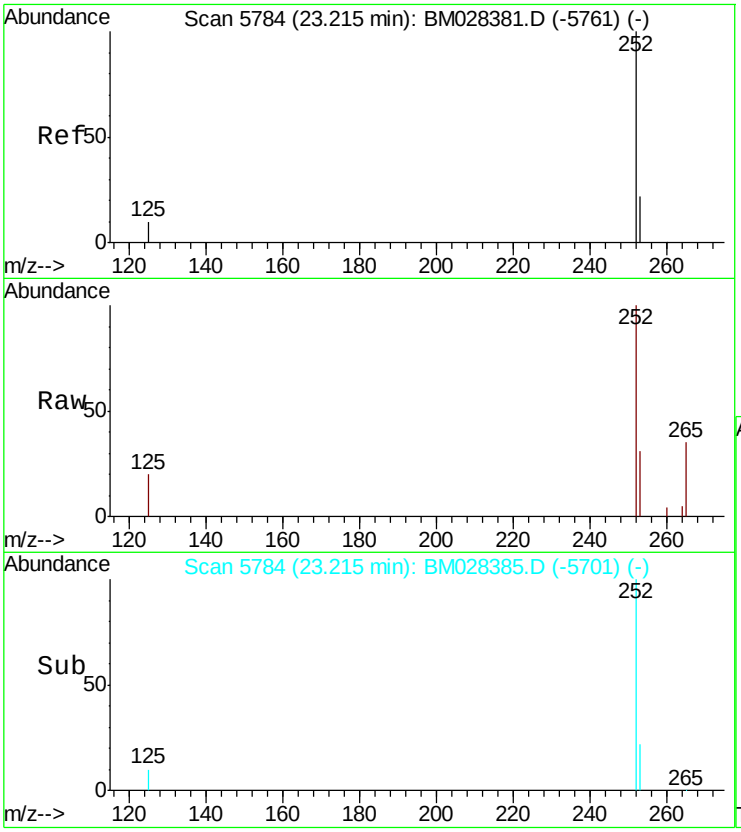


#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.63 min Scan# 5131
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:228 Resp: 1864

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	21.9	17.4	26.0



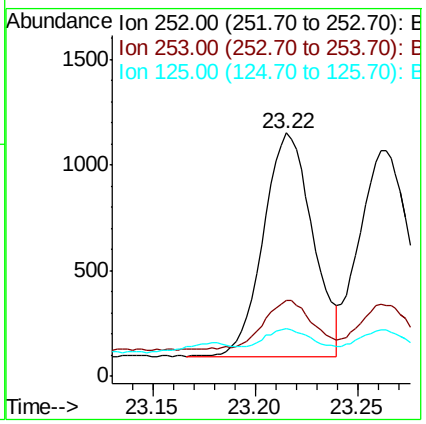


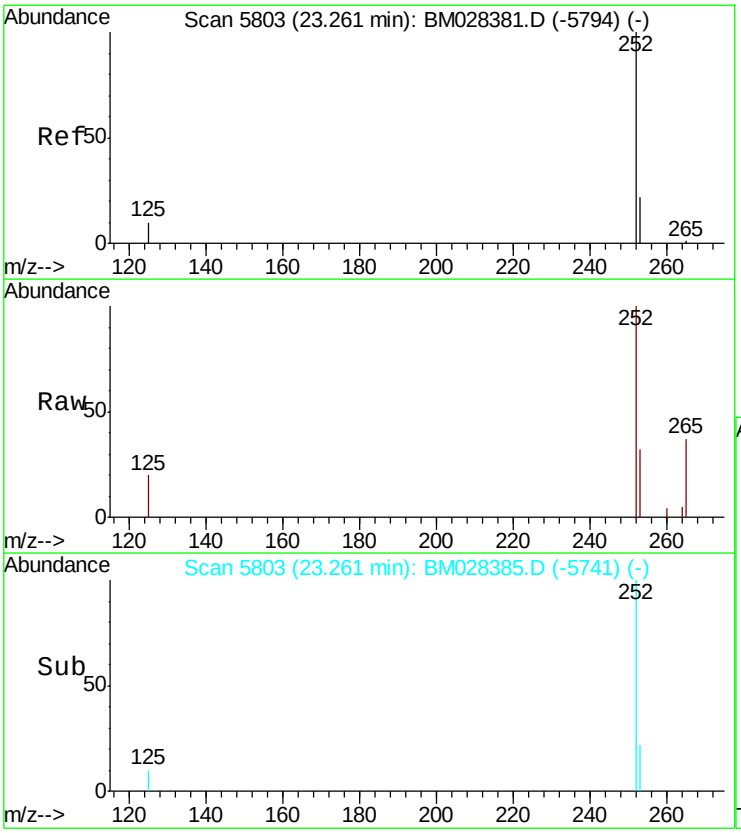
#24
Benzo(b)fluoranthene
Concen: 0.399 ng/ul
RT: 23.22 min Scan# 5784
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:252 Resp: 1765

Ion	Ratio	Lower	Upper
252	100		
253	31.0	0.0	61.4
125	19.5	0.0	40.4

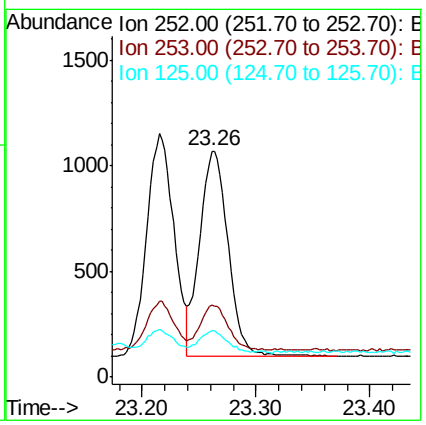


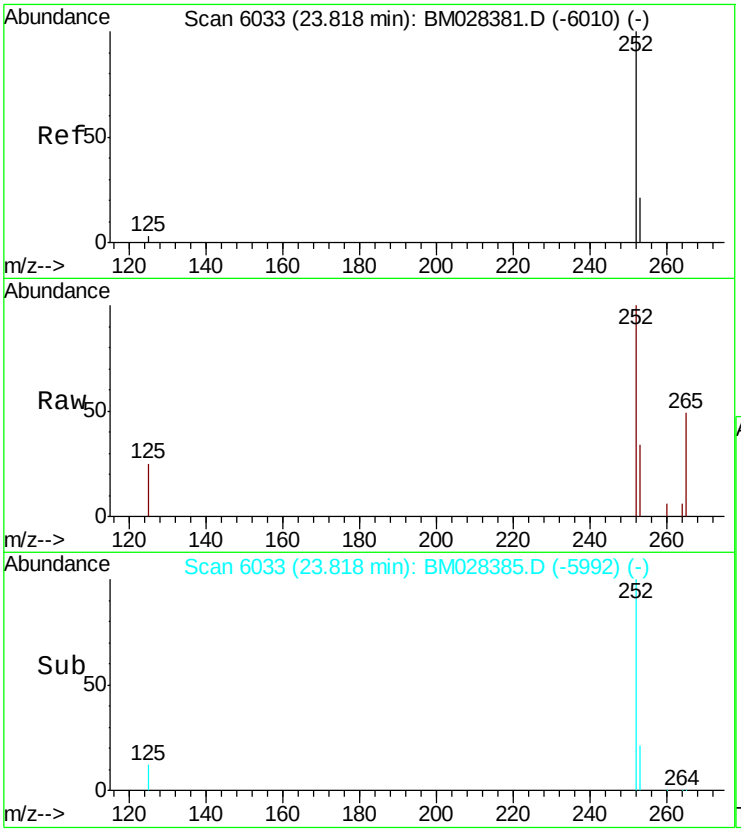


#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.26 min Scan# 5803
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:252 Resp: 1702

Ion	Ratio	Lower	Upper
252	100		
253	31.7	24.7	37.1
125	20.4	17.3	25.9



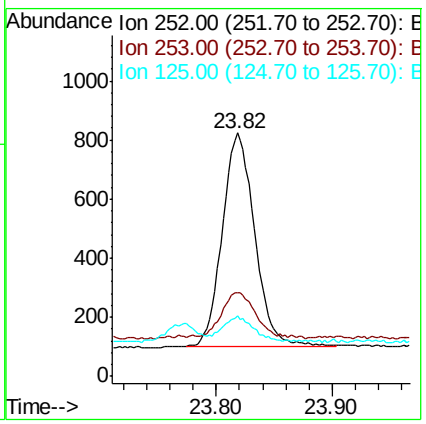


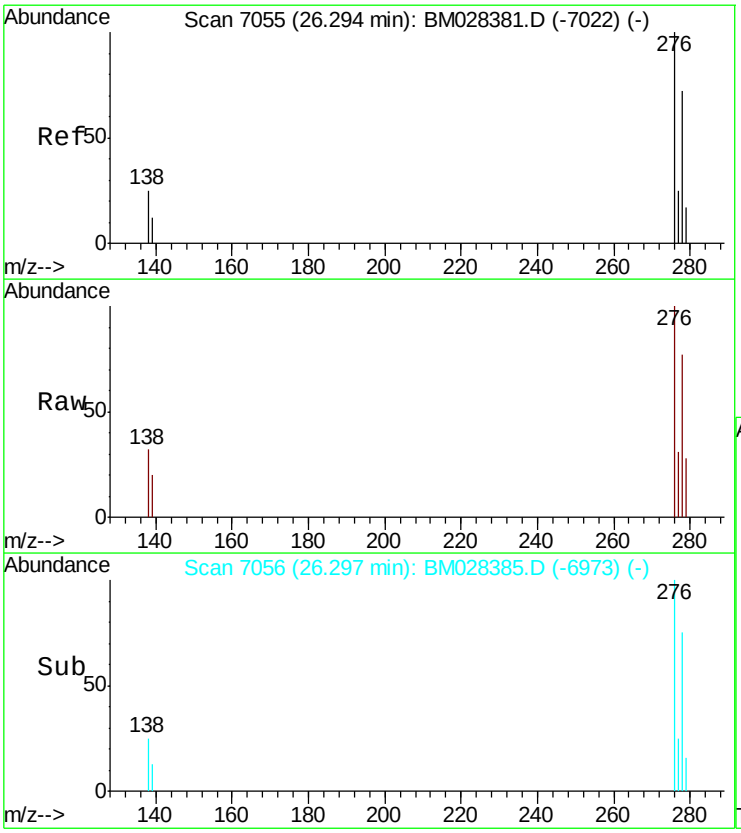
#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.82 min Scan# 6033
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:252 Resp: 1400

Ion	Ratio	Lower	Upper
252	100		
253	34.5	28.0	42.0
125	25.0	20.6	30.8

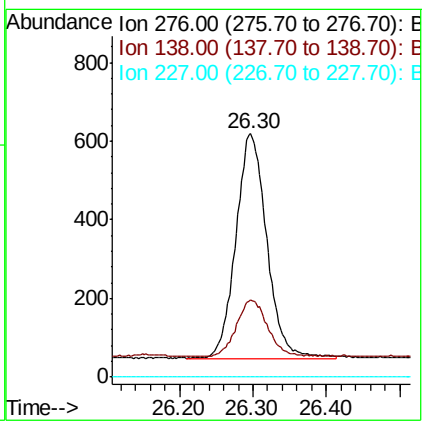


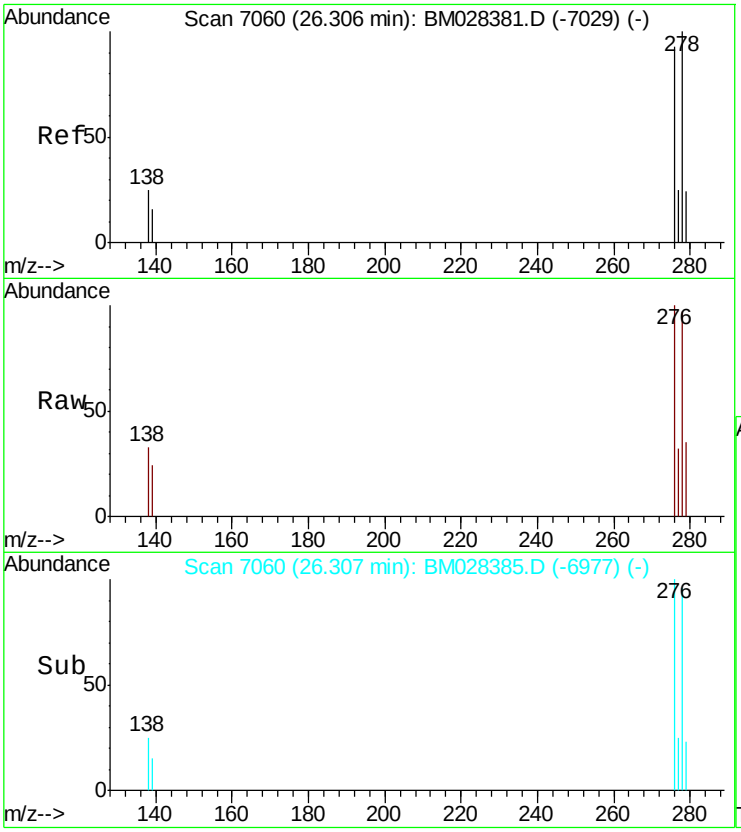


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.30 min Scan# 7056
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:276 Resp: 1677

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.9	32.9
227	0.0	0.0	0.0



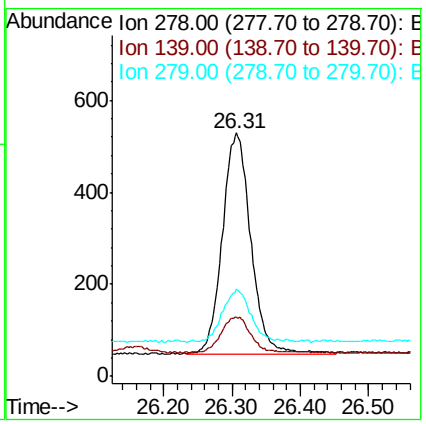


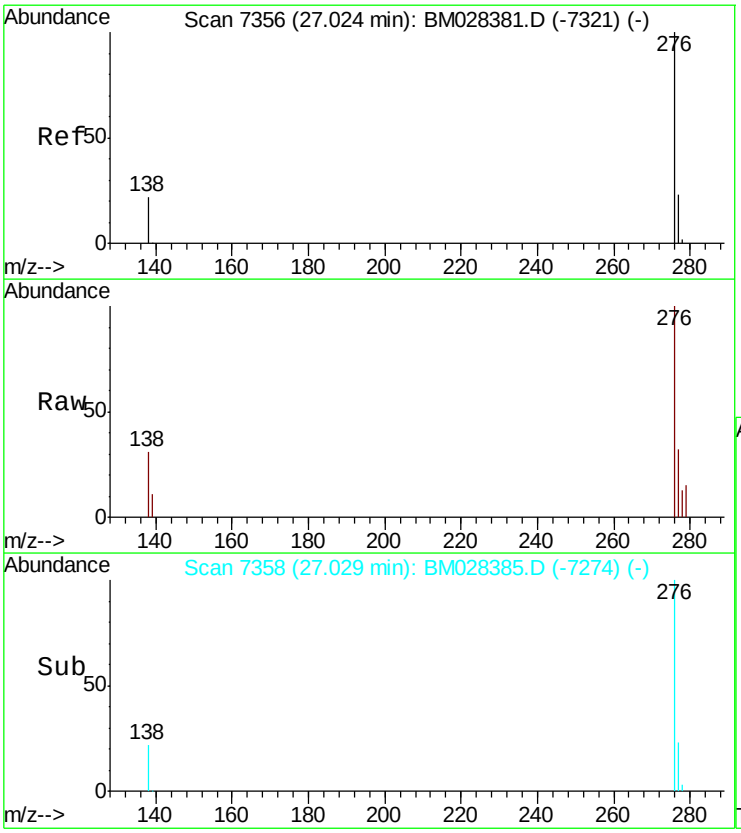
#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.31 min Scan# 7060
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Instrument :
BNA_M
ClientSampleId :
SLCS061

Tgt Ion:278 Resp: 1382

Ion	Ratio	Lower	Upper
278	100		
139	24.4	20.3	30.5
279	35.7	27.5	41.3





#29
Benzo(g,h,i)perylene
Concen: 0.347 ng/ul
RT: 27.03 min Scan# 7358
Delta R.T. 0.00 min
Lab File: BM028385.D
Acq: 13 Jan 2021 12:08

Tgt Ion:276 Resp: 1477

Ion	Ratio	Lower	Upper
276	100		
138	31.0	24.7	37.1
277	31.6	23.8	35.6