Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031379.D
Acq On : 02 Aug 2021 17:19
Operator : CG/JU
Sample : PB137960BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS960

Quant Time: Aug 02 18:02:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1220	0.40	ng/ul	0.00
4) Naphthalene-d8	10.364	136	4471	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	2356	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	4187	0.40	ng/ul	0.00
17) Chrysene-d12	21.173	240	2958	0.40	ng/ul	0.00
23) Perylene-d12	23.338	264	2812	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	831	0.61	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	2584	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	4055	0.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.227	88	2205	1.61	ng/ul#	82
5) Naphthalene	10.414	128	4605	0.35	ng/ul	99
7) 2-Methylnaphthalene	12.033	142	2999	0.33	ng/ul	97
8) 1-Methylnaphthalene	12.253	142	2794	0.31	ng/ul	100
10) Acenaphthylene	13.953	152	3654	0.36	ng/ul	100
11) Acenaphthene	14.295	153	2926	0.35	ng/ul	100
12) Fluorene	15.289	166	3225	0.33	ng/ul	100
14) Pentachlorophenol	16.638	266	797	0.59	ng/ul	98
15) Phenanthrene	17.023	178	4699	0.35	ng/ul	99
16) Anthracene	17.117	178	4282	0.34	ng/ul	99
19) Fluoranthene	19.042	202	4935	0.39	ng/ul#	96
20) Pyrene	19.408	202	4979	0.39	ng/ul	97
21) Benzo(a)anthracene	21.158	228	4522	0.38	ng/ul	98
22) Chrysene	21.209	228	4746	0.38	ng/ul	99
24) Benzo(b)fluoranthene	22.694	252	4771	0.38	ng/ul	92
25) Benzo(k)fluoranthene	22.732	252	4742	0.36	ng/ul#	95
26) Benzo(a)pyrene	23.241	252	4229	0.38	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.482	276	5395	0.38	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.494	278	4314	0.37	ng/ul	98
29) Benzo(g,h,i)perylene	26.129	276	4618	0.38	ng/ul	95

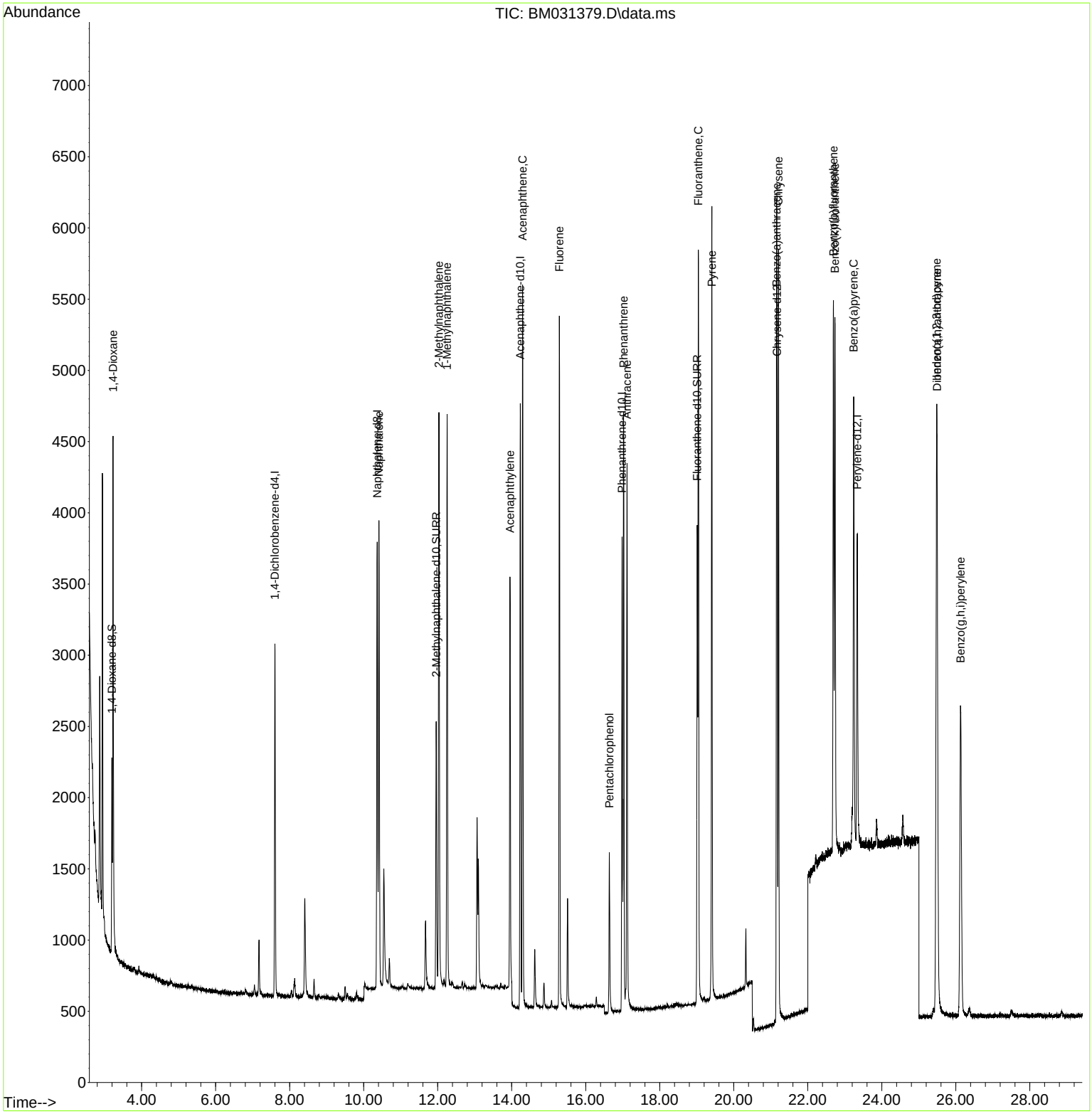
(#) = qualifier out of range (m) = manual integration (+) = signals summed

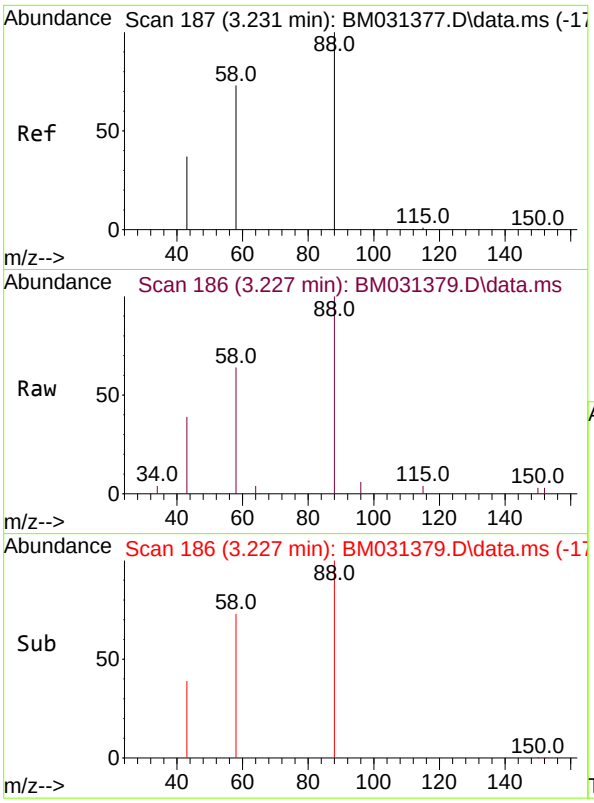
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031379.D
Acq On : 02 Aug 2021 17:19
Operator : CG/JU
Sample : PB137960BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS960

Quant Time: Aug 02 18:02:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

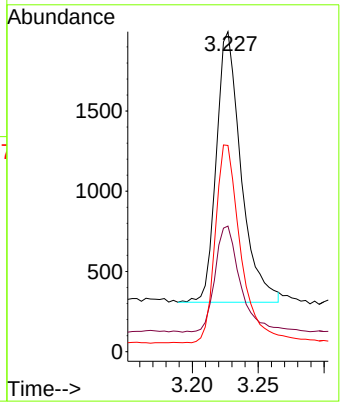




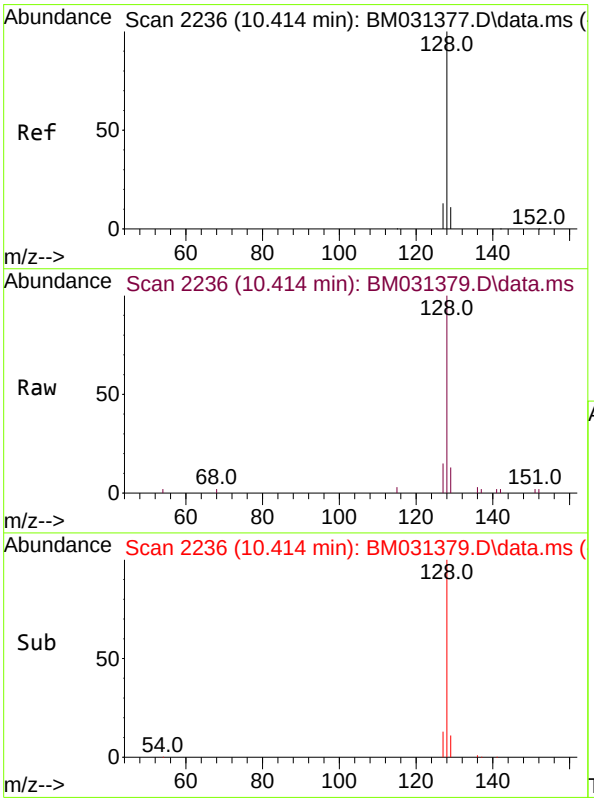
#2
1,4-Dioxane
Concen: 1.61 ng/ul
RT: 3.227 min Scan# 186
Delta R.T. -0.003 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion: 88 Resp: 2205

Ion	Ratio	Lower	Upper
88	100		
43	39.2	29.7	44.5
58	64.5	35.6	53.4#



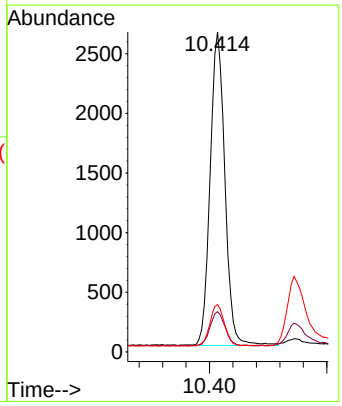
Instrument :
BNA_M
ClientSampleId :
SLCS960

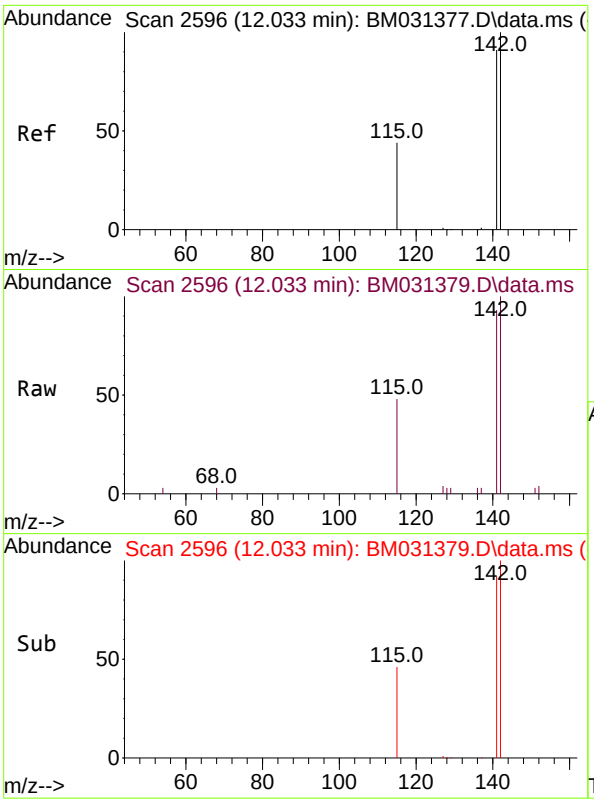


#5
Naphthalene
Concen: 0.35 ng/ul
RT: 10.414 min Scan# 2236
Delta R.T. 0.004 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:128 Resp: 4605

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.0	15.0
127	14.8	11.6	17.4

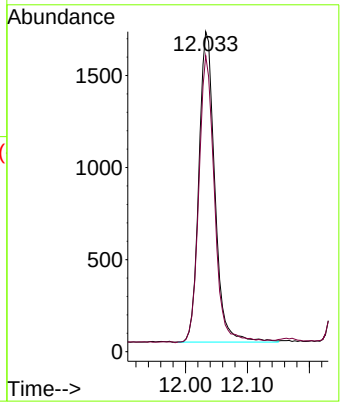




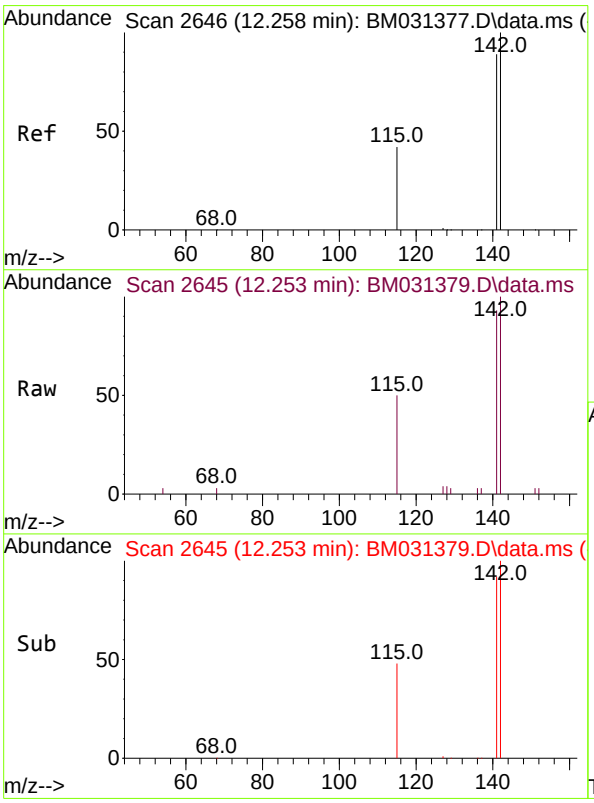
#7
2-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.033 min Scan# 2596
Delta R.T. -0.001 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:142 Resp: 2999

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.0



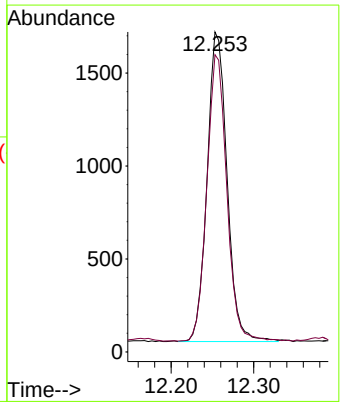
Instrument :
BNA_M
ClientSampleId :
SLCS960

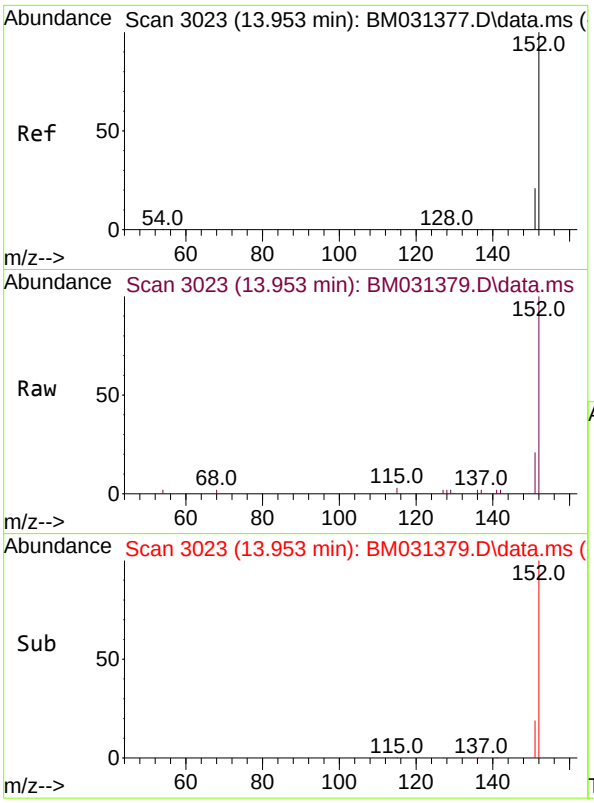


#8
1-Methylnaphthalene
Concen: 0.31 ng/ul
RT: 12.253 min Scan# 2645
Delta R.T. -0.001 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:142 Resp: 2794

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1

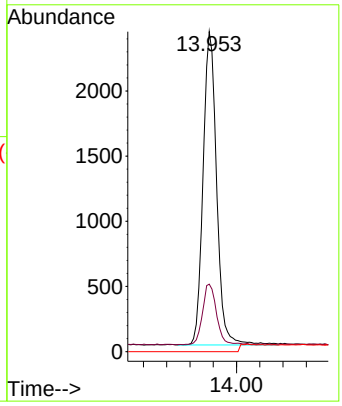




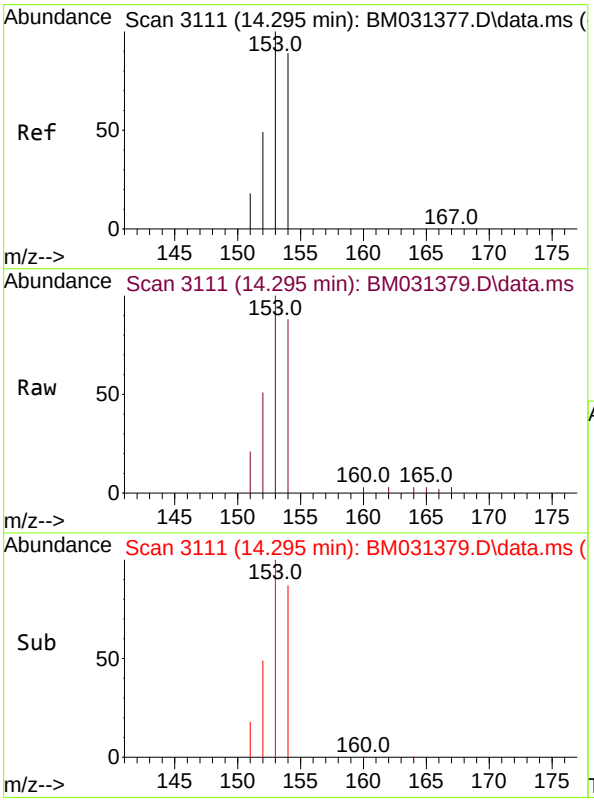
#10
Acenaphthylene
Concen: 0.36 ng/ul
RT: 13.953 min Scan# 3023
Delta R.T. -0.001 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:152 Resp: 3654

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	0.0	0.0	0.0



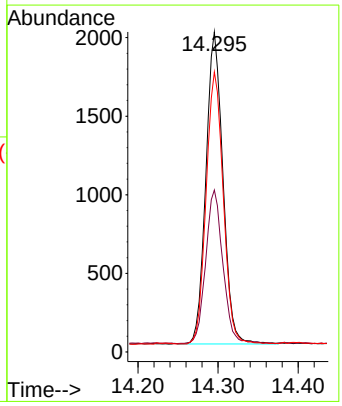
Instrument :
BNA_M
ClientSampleId :
SLCS960



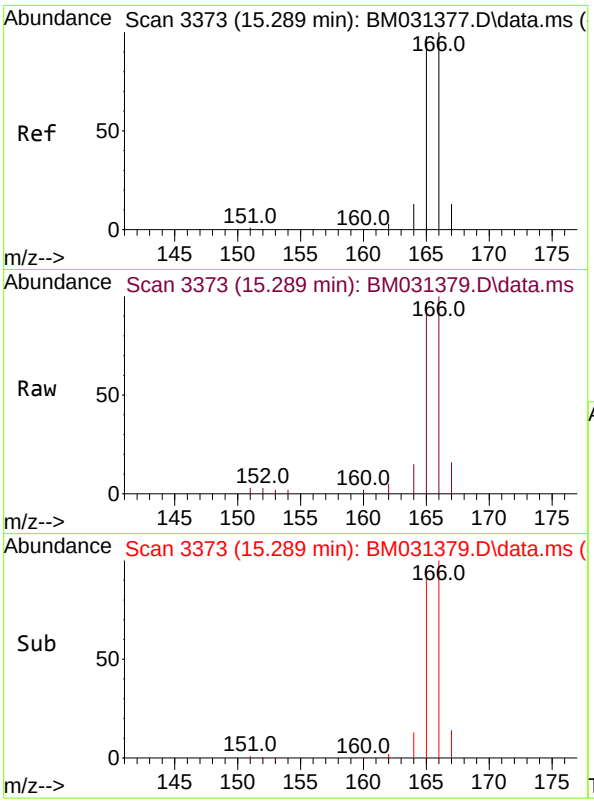
#11
Acenaphthene
Concen: 0.35 ng/ul
RT: 14.295 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:153 Resp: 2926

Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.7	61.1
154	87.5	70.2	105.2



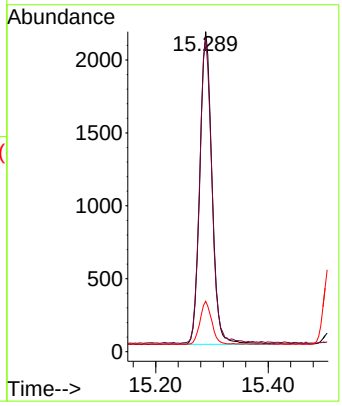
Instrument :
BNA_M
ClientSampleId :
SLCS960

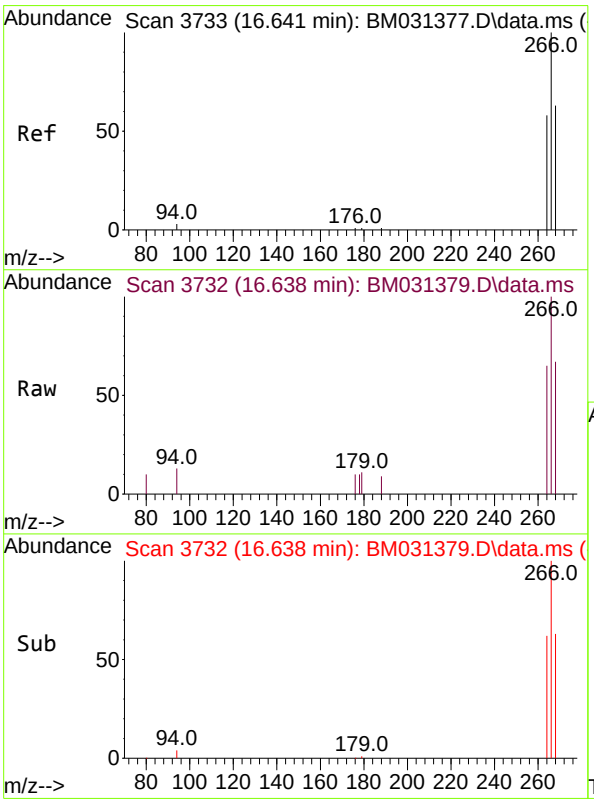


#12
Fluorene
Concen: 0.33 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. 0.004 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:166 Resp: 3225

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	15.7	12.0	18.0

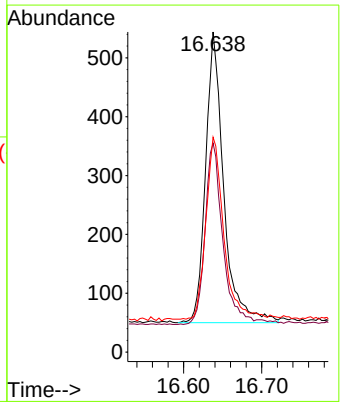




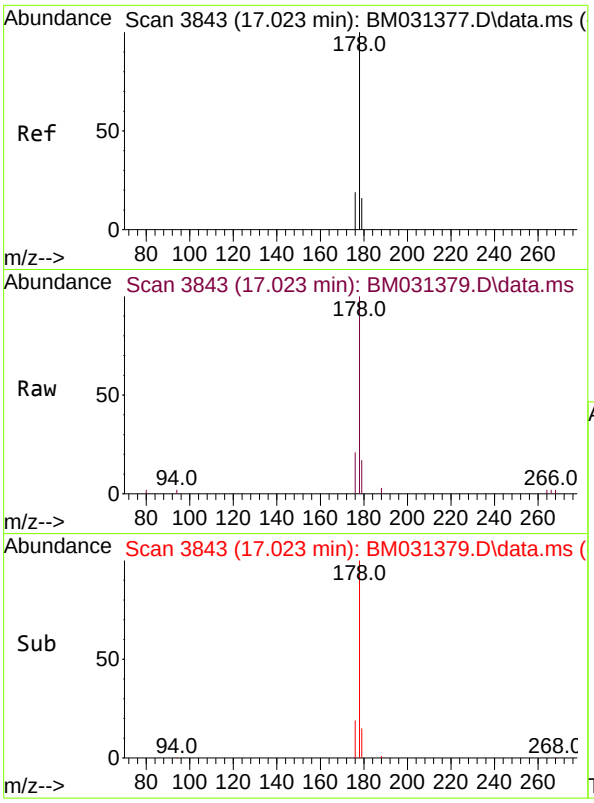
#14
Pentachlorophenol
Concen: 0.59 ng/ul
RT: 16.638 min Scan# 3732
Delta R.T. -0.000 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:266 Resp: 797

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.1	75.1
268	62.0	51.3	76.9



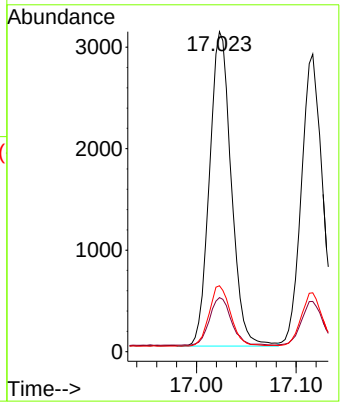
Instrument :
BNA_M
ClientSampleId :
SLCS960

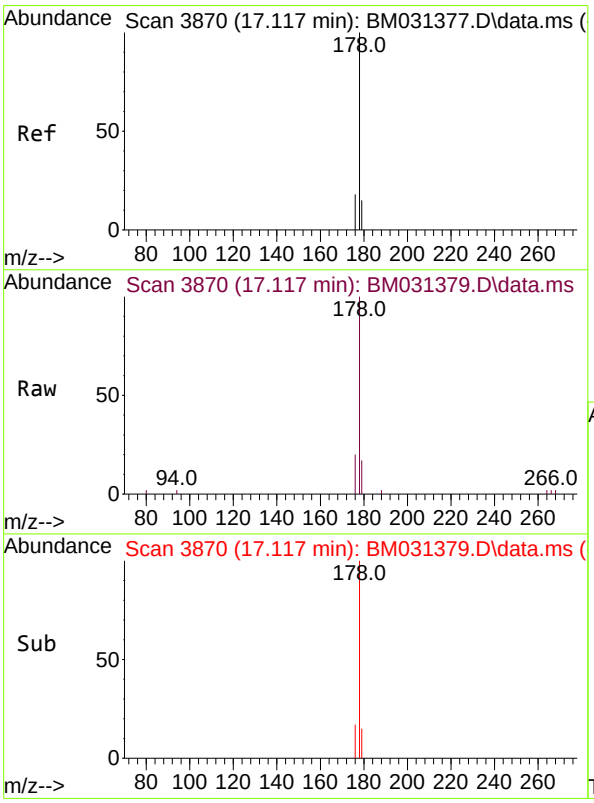


#15
Phenanthrene
Concen: 0.35 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.000 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:178 Resp: 4699

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.3	19.9
176	20.6	16.2	24.4

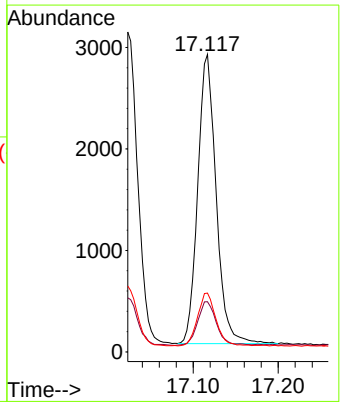




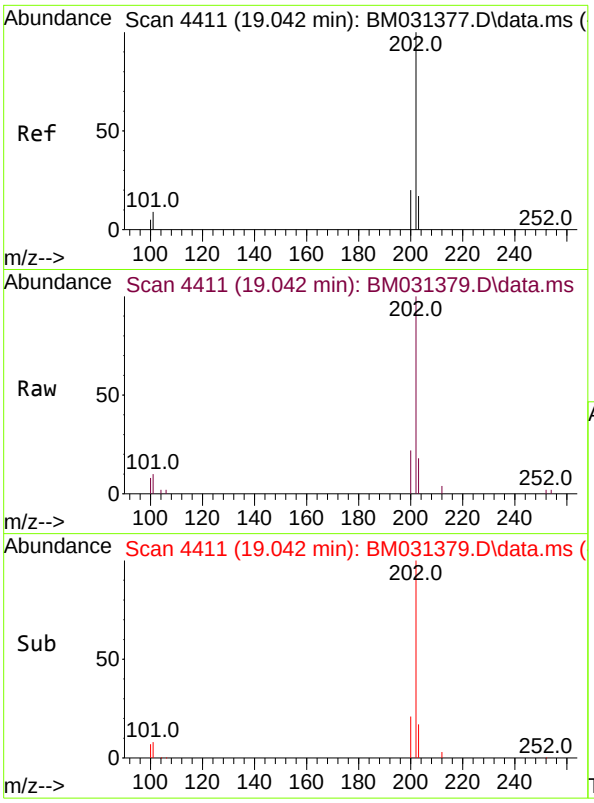
#16
Anthracene
Concen: 0.34 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. 0.003 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:178 Resp: 4282

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.6
176	19.8	15.6	23.4



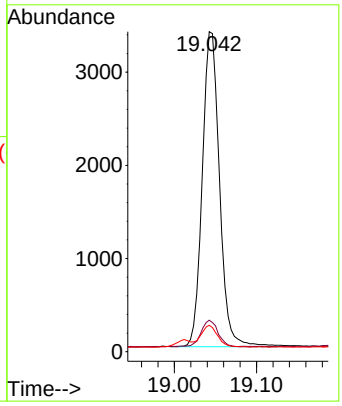
Instrument :
BNA_M
ClientSampleId :
SLCS960

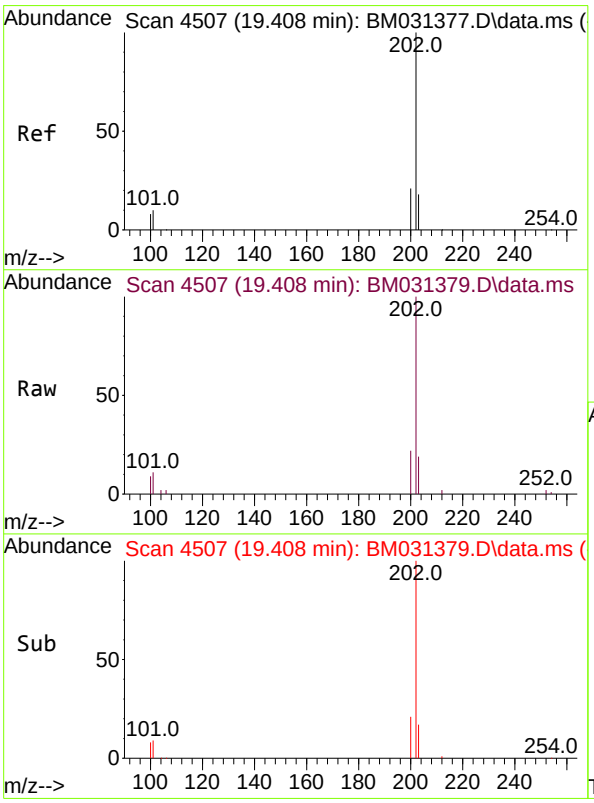


#19
Fluoranthene
Concen: 0.39 ng/ul
RT: 19.042 min Scan# 4411
Delta R.T. -0.000 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:202 Resp: 4935

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.6	10.0
100	8.2	5.4	8.0#

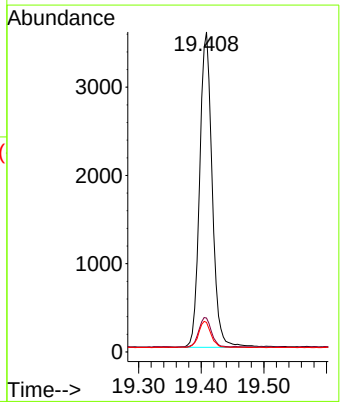




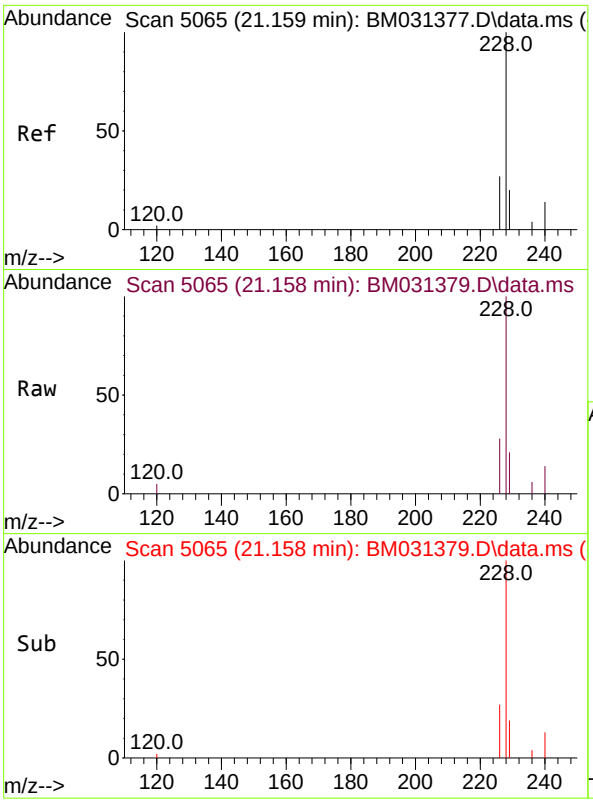
#20
Pyrene
Concen: 0.39 ng/ul
RT: 19.408 min Scan# 4507
Delta R.T. -0.000 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:202 Resp: 4979

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.8	11.6
100	9.2	6.6	10.0



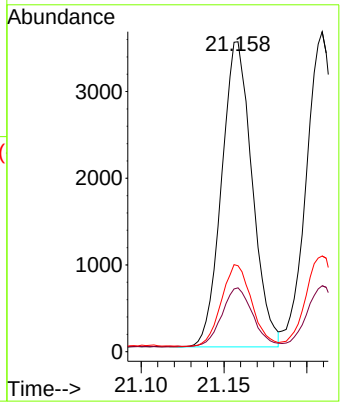
Instrument :
BNA_M
ClientSampleId :
SLCS960

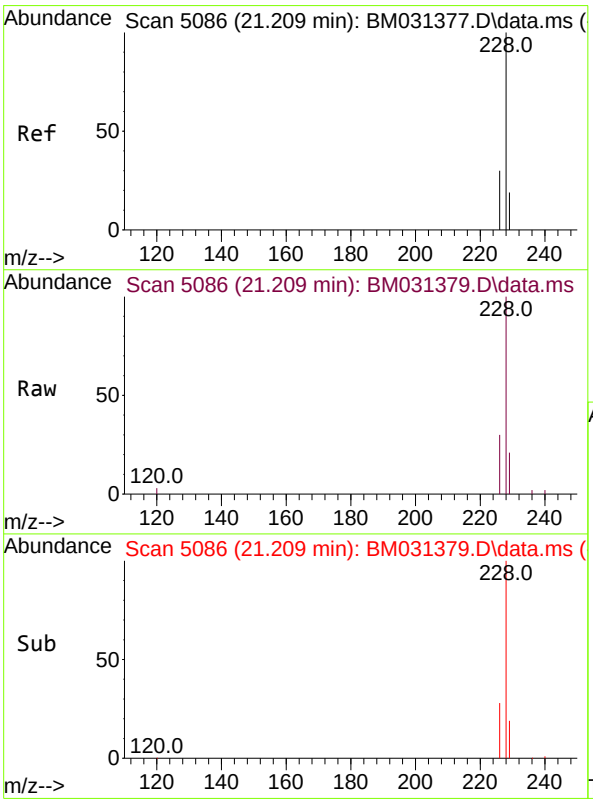


#21
Benzo(a)anthracene
Concen: 0.38 ng/ul
RT: 21.158 min Scan# 5065
Delta R.T. -0.000 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:228 Resp: 4522

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.7	21.7	32.5

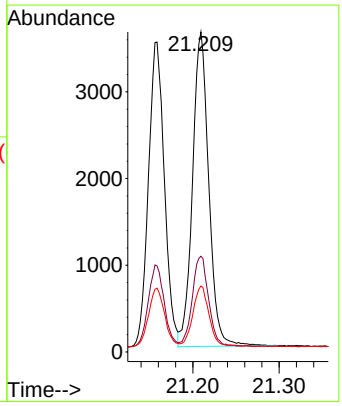




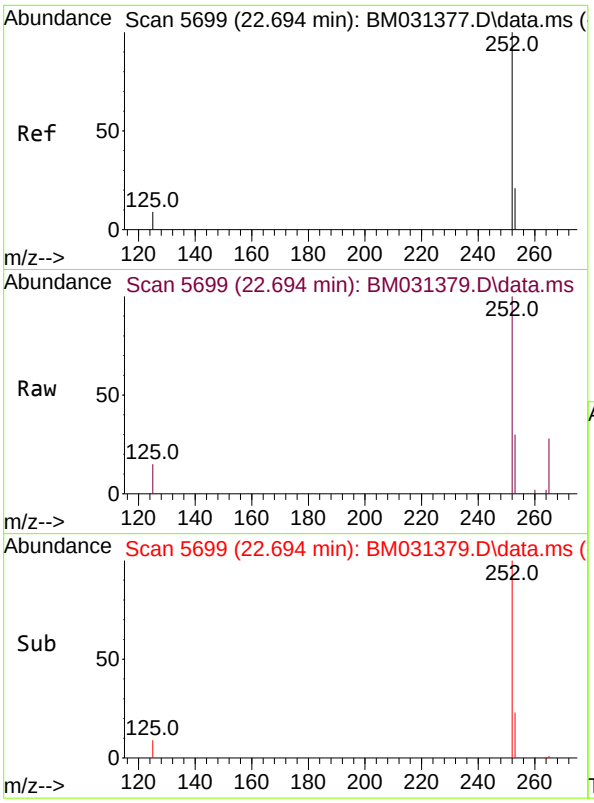
#22
Chrysene
Concen: 0.38 ng/ul
RT: 21.209 min Scan# 5086
Delta R.T. -0.000 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:228 Resp: 4746

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.6	16.2	24.2



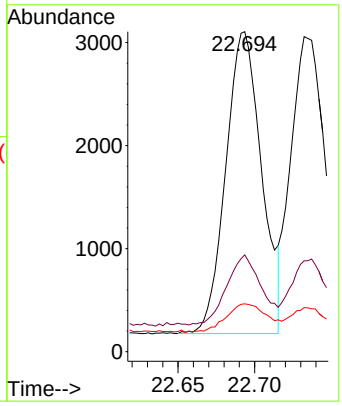
Instrument :
BNA_M
ClientSampleId :
SLCS960

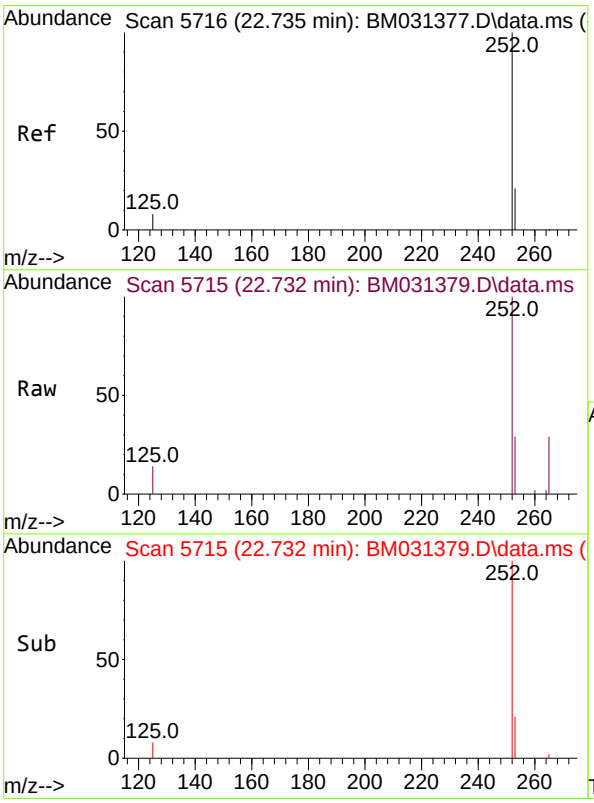


#24
Benzo(b)fluoranthene
Concen: 0.38 ng/ul
RT: 22.694 min Scan# 5699
Delta R.T. 0.002 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:252 Resp: 4771

Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	53.0
125	15.0	0.0	22.8

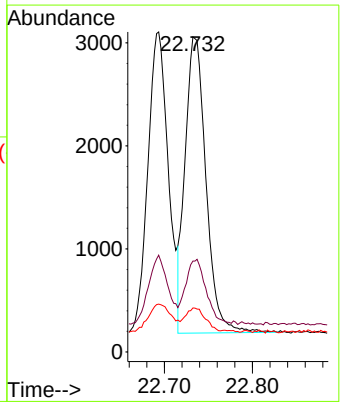




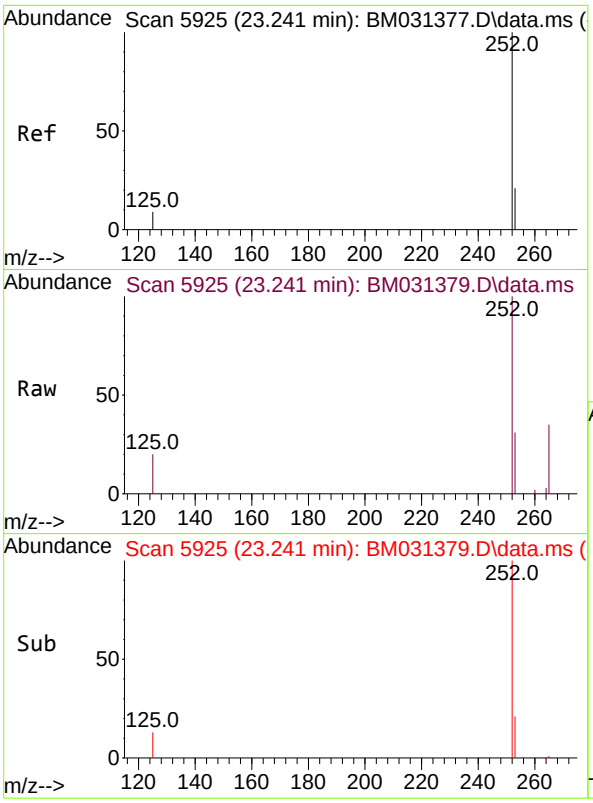
#25
Benzo(k)fluoranthene
Concen: 0.36 ng/ul
RT: 22.732 min Scan# 5715
Delta R.T. -0.003 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:252 Resp: 4742

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.3	31.9
125	14.0	8.8	13.2#



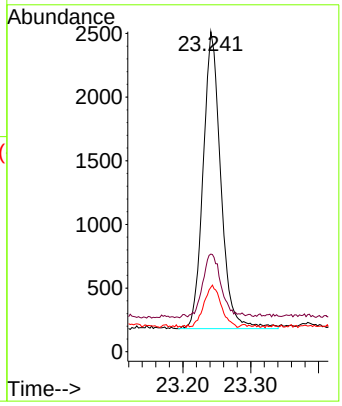
Instrument :
BNA_M
ClientSampleId :
SLCS960

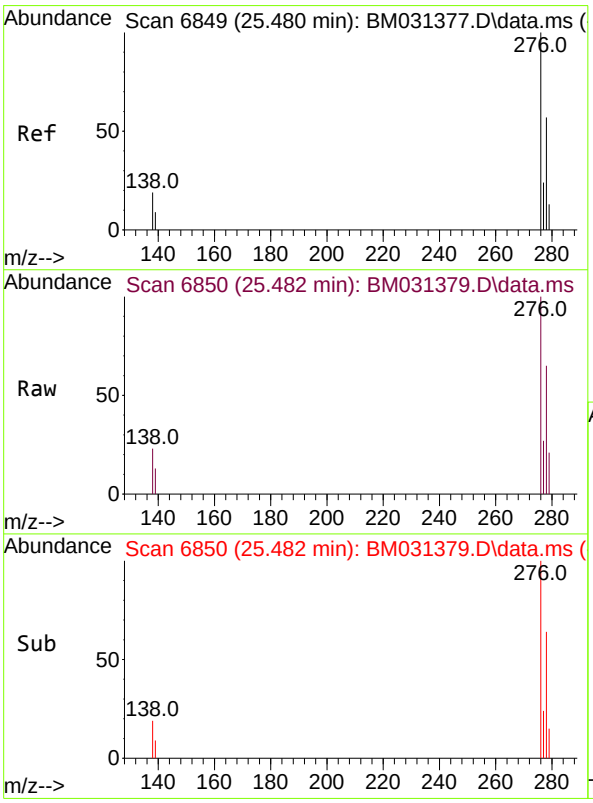


#26
Benzo(a)pyrene
Concen: 0.38 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.003 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:252 Resp: 4229

Ion	Ratio	Lower	Upper
252	100		
253	30.5	22.4	33.6
125	20.1	13.0	19.4#

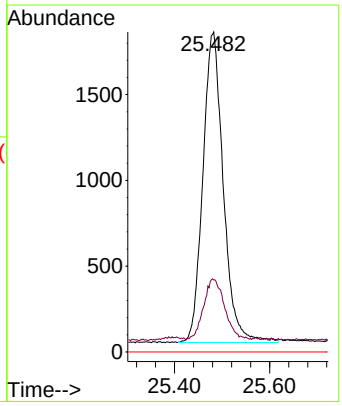


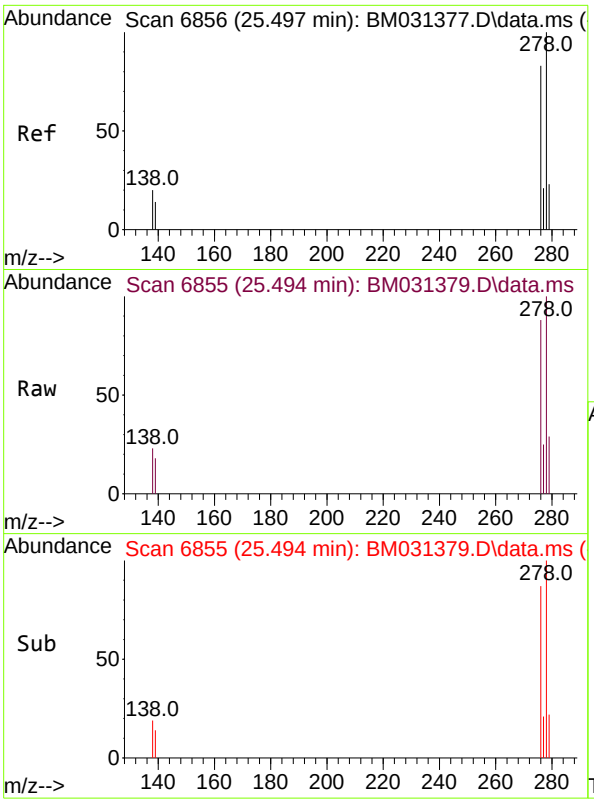


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. 0.002 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:276 Resp: 5395

Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.8	23.8
227	0.0	0.0	0.0

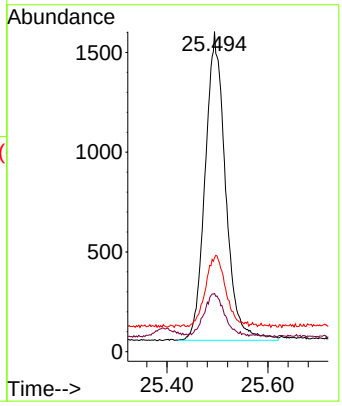




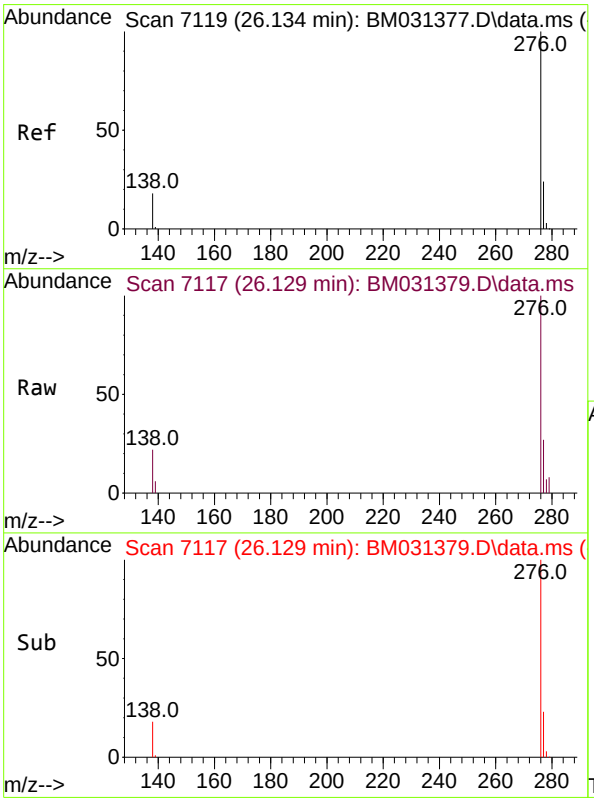
#28
Dibenzo(a,h)anthracene
Concen: 0.37 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. 0.002 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:278 Resp: 4314

Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.3	19.9
279	29.4	22.8	34.2



Instrument :
BNA_M
ClientSampleId :
SLCS960



#29
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.129 min Scan# 7117
Delta R.T. -0.003 min
Lab File: BM031379.D
Acq: 02 Aug 2021 17:19

Tgt Ion:276 Resp: 4618

Ion	Ratio	Lower	Upper
276	100		
138	22.0	15.4	23.2
277	26.7	19.9	29.9