Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043437.D
Acq On : 19 Dec 2023 21:17
Operator : MA/JU
Sample : PB157813BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS813

Quant Time: Dec 19 23:37:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	6682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	21722	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	11407	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	23124	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	17420	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	19977	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	5984	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	11159	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	19344	0.311	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.419	88	17388	2.054	ng/ul#	86
5) Naphthalene	10.840	128	21739	0.333	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	13828	0.328	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	13336	0.315	ng/ul	100
10) Acenaphthylene	14.338	152	20758	0.330	ng/ul	99
11) Acenaphthene	14.675	153	14851	0.325	ng/ul	98
12) Fluorene	15.661	166	16328	0.315	ng/ul	100
14) Pentachlorophenol	17.004	266	4389	0.857	ng/ul	96
15) Phenanthrene	17.401	178	26166	0.339	ng/ul	99
16) Anthracene	17.493	178	24296	0.347	ng/ul	99
19) Fluoranthene	19.408	202	28626	0.291	ng/ul#	91
20) Pyrene	19.771	202	30207	0.310	ng/ul	98
21) Benzo(a)anthracene	21.518	228	27389	0.358	ng/ul	99
22) Chrysene	21.571	228	27324	0.338	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	29639	0.327	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	29806	0.317	ng/ul#	91
26) Benzo(a)pyrene	23.839	252	27067	0.362	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.461	276	35949	0.422	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.488	278	28724	0.426	ng/ul	97
29) Benzo(g,h,i)perylene	27.236	276	29730	0.409	ng/ul	97

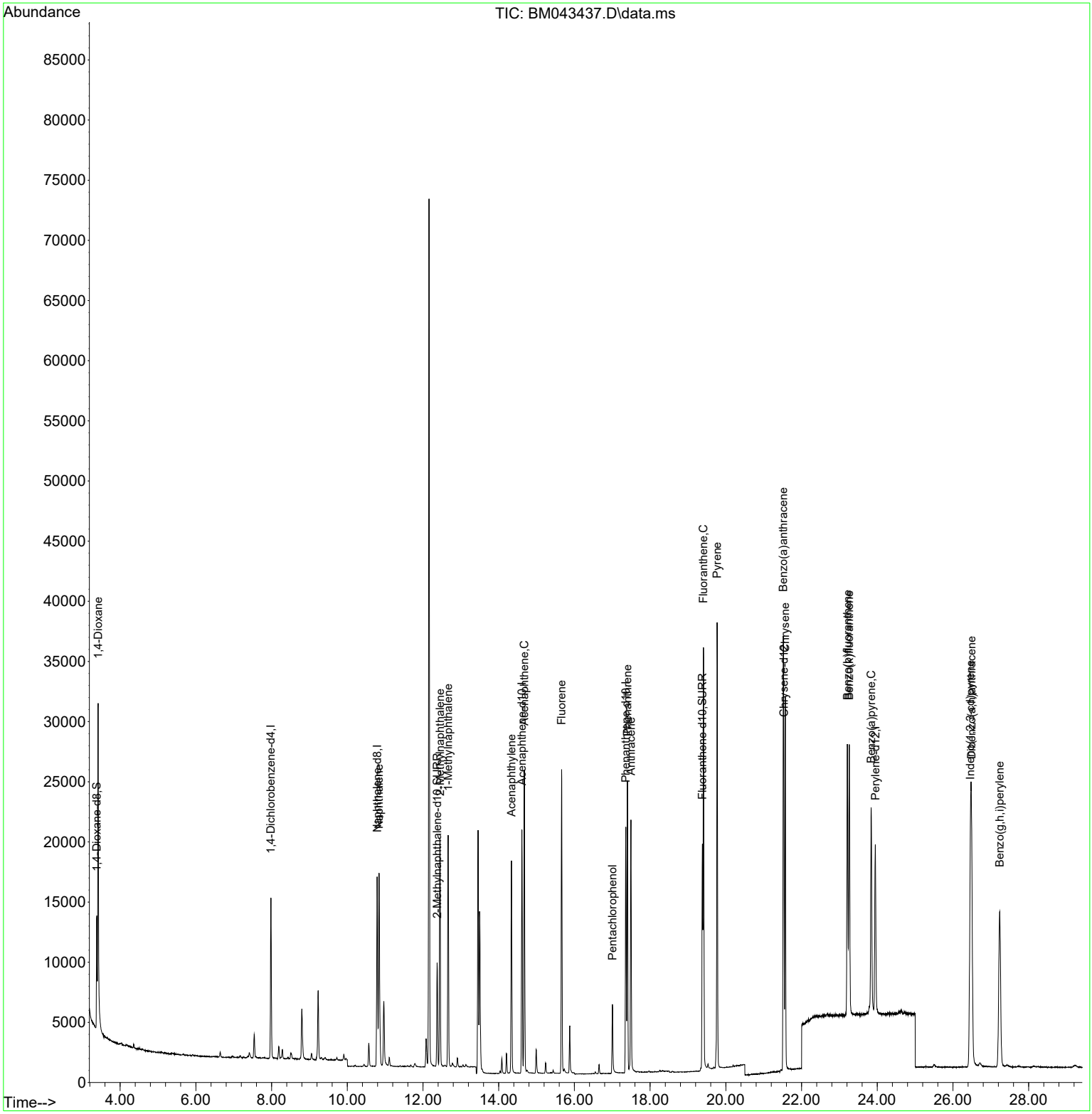
(#) = qualifier out of range (m) = manual integration (+) = signals summed

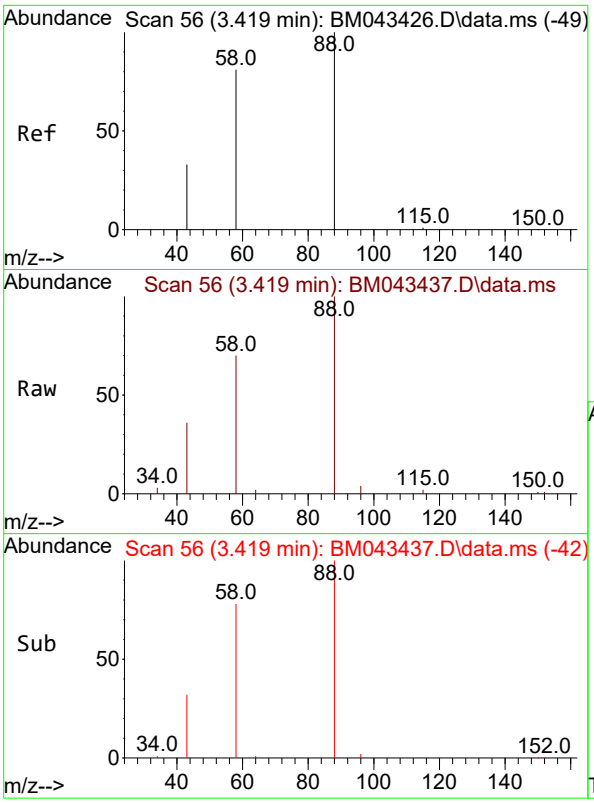
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043437.D
Acq On : 19 Dec 2023 21:17
Operator : MA/JU
Sample : PB157813BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS813

Quant Time: Dec 19 23:37:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



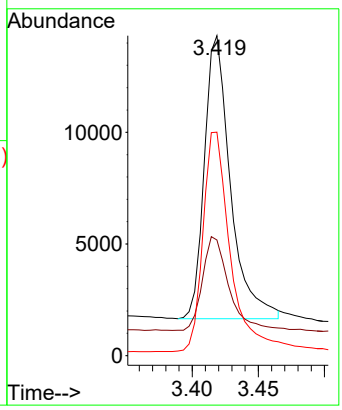


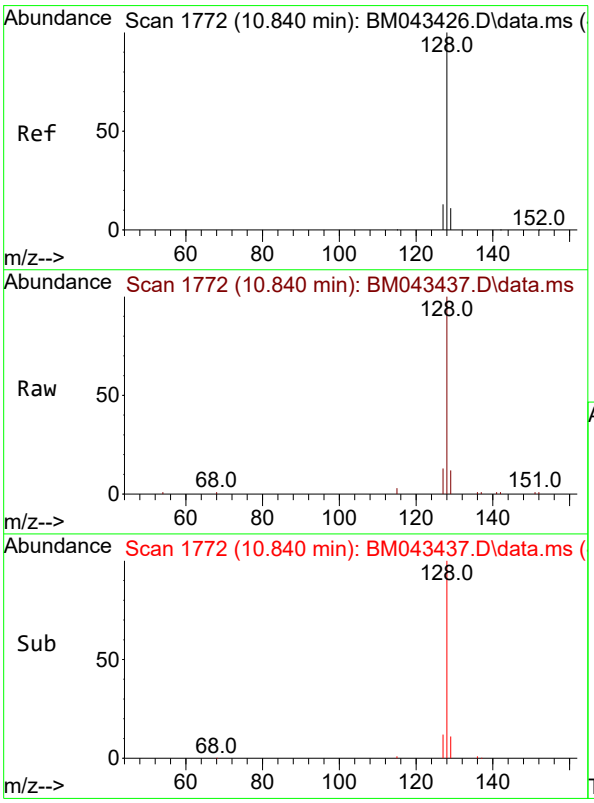
#2
1,4-Dioxane
Concen: 2.054 ng/ul
RT: 3.419 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion: 88 Resp: 17388

Ion	Ratio	Lower	Upper
88	100		
43	36.2	27.9	41.9
58	69.9	43.4	65.2#

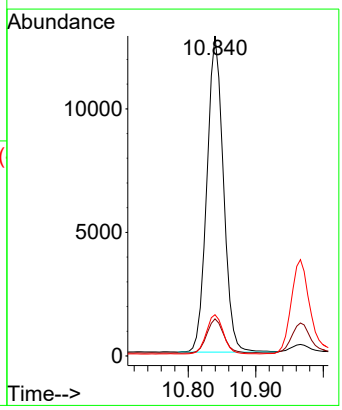


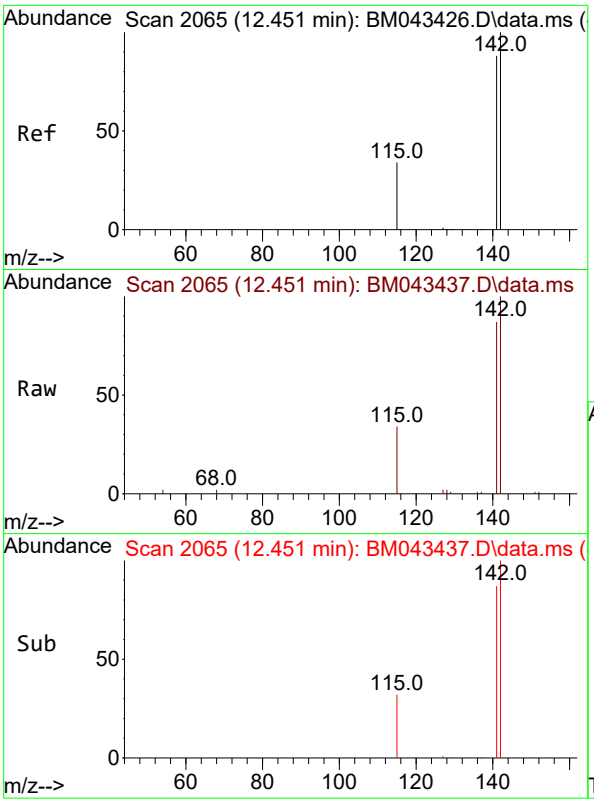


#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:128 Resp: 21739

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	12.9	10.3	15.5



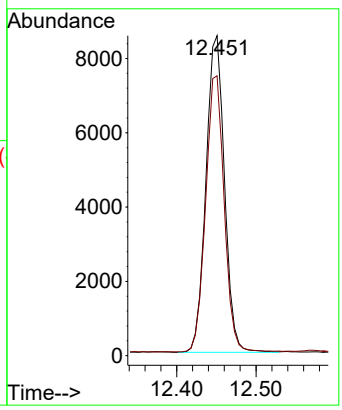


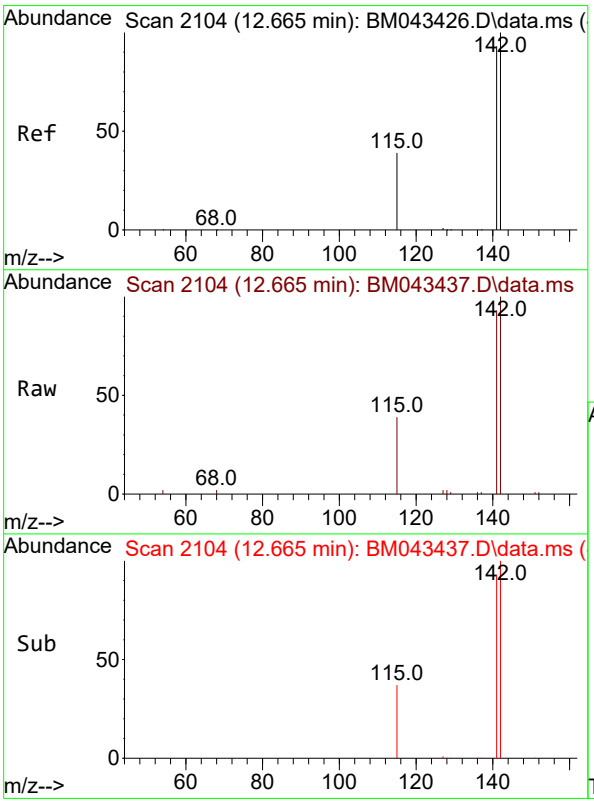
#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.451 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:142 Resp: 13828

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.9	106.3

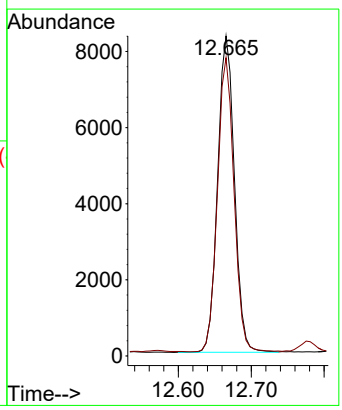


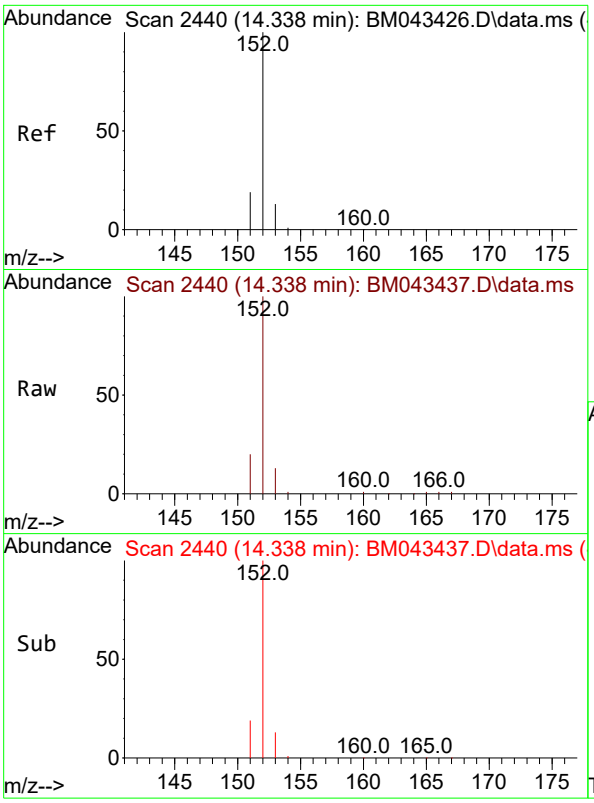


#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:142 Resp: 13336

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5



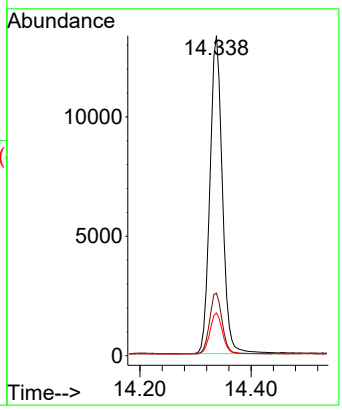


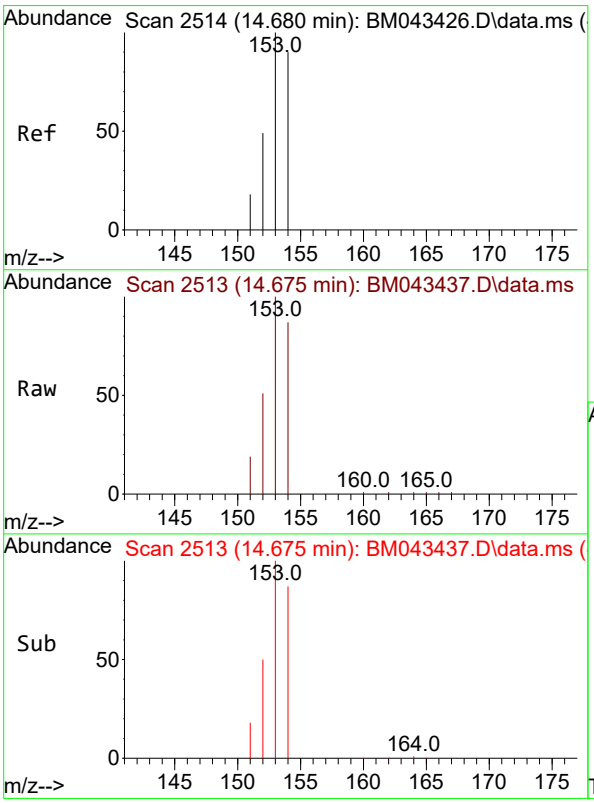
#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.338 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:152 Resp: 20758

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	13.4	10.4	15.6

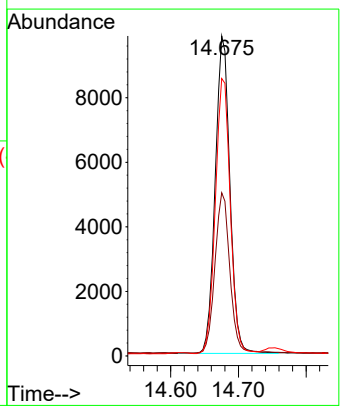


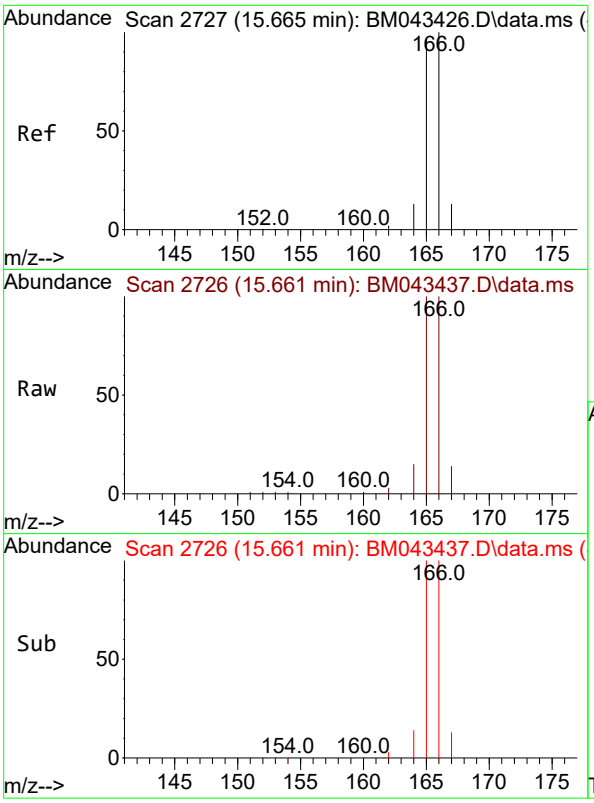


#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:153 Resp: 14851

Ion	Ratio	Lower	Upper
153	100		
152	51.0	42.1	63.1
154	86.7	71.3	106.9



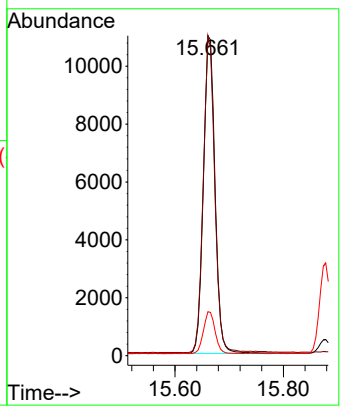


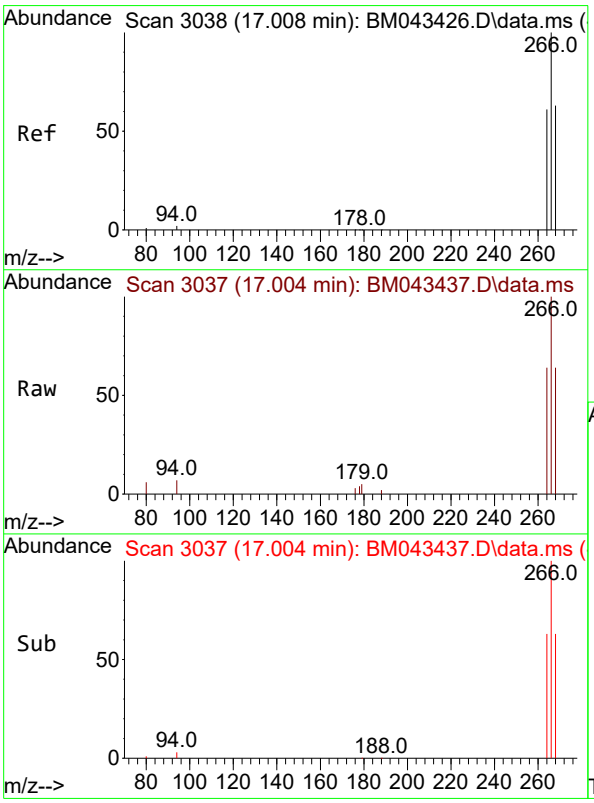
#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.661 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:166 Resp: 16328

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.3	120.5
167	13.7	10.8	16.2

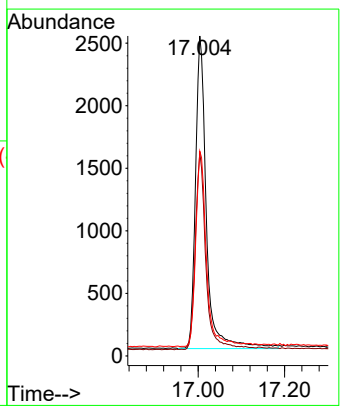


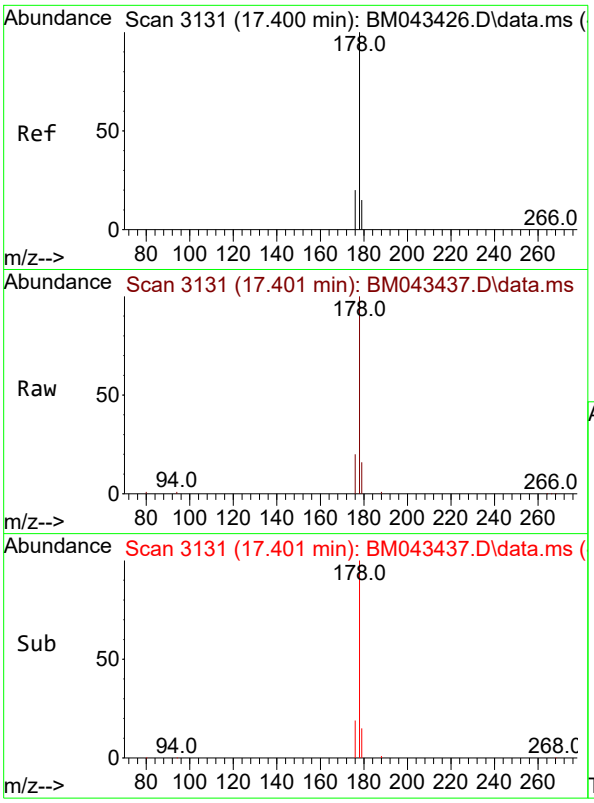


#14
Pentachlorophenol
Concen: 0.857 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:266 Resp: 4389

Ion	Ratio	Lower	Upper
266	100		
264	60.7	51.7	77.5
268	62.2	51.9	77.9



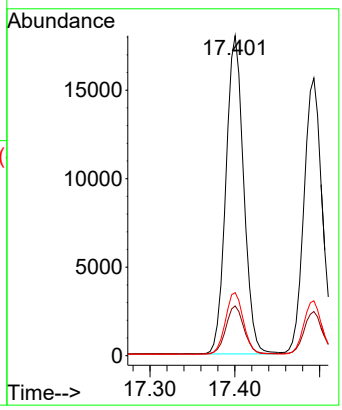


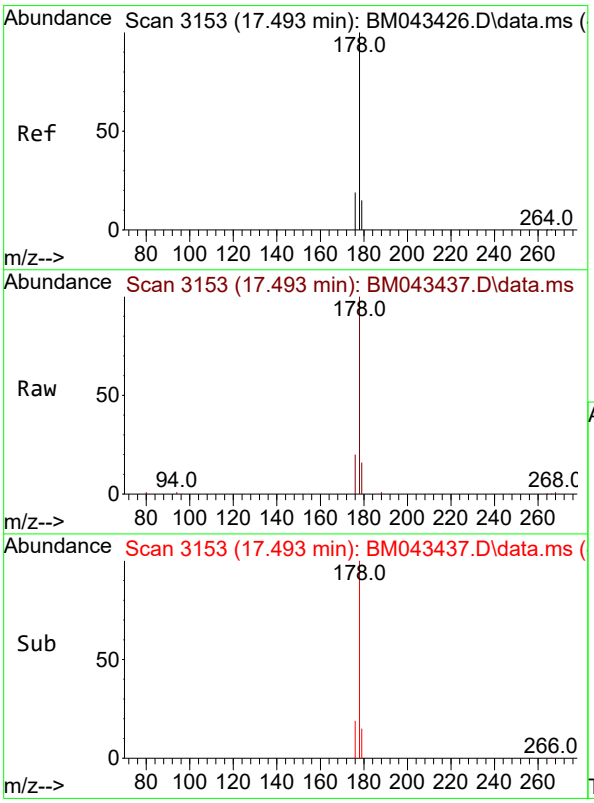
#15
Phenanthrene
Concen: 0.339 ng/ul
RT: 17.401 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:178 Resp: 26166

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.7	16.2	24.2

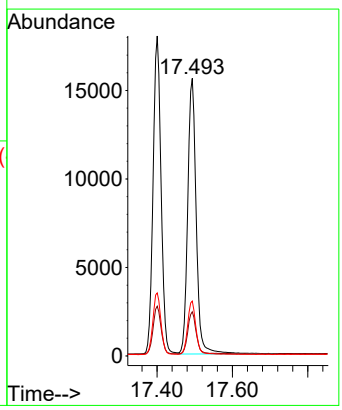


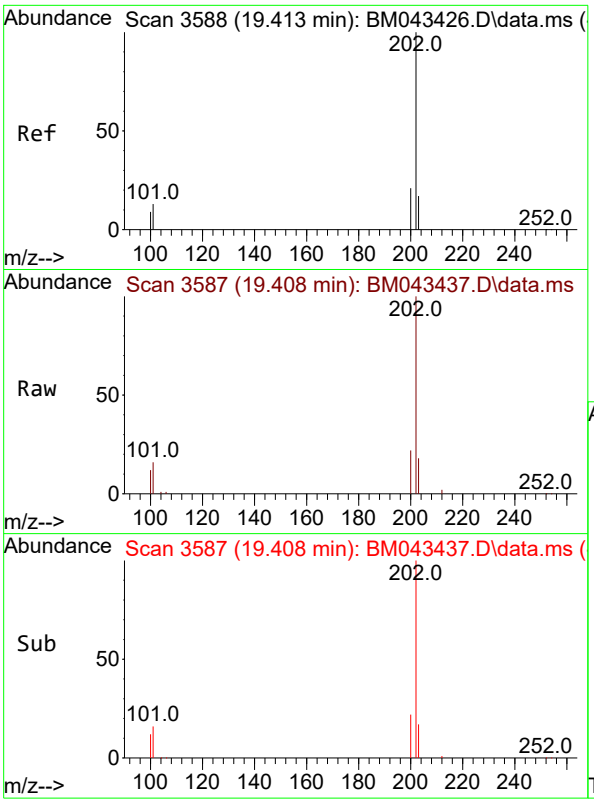


#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:178 Resp: 24296

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.8	15.6	23.4



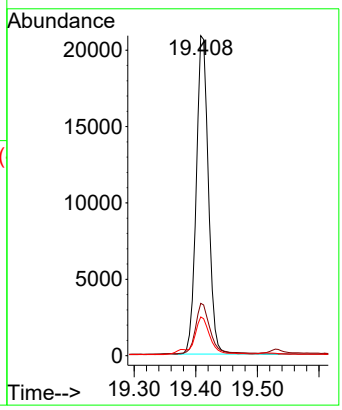


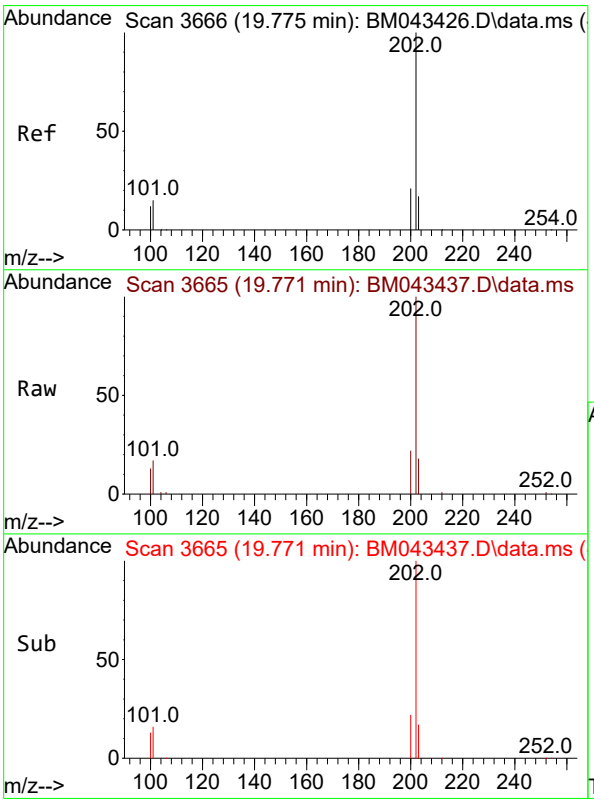
#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 19.408 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:202 Resp: 28626

Ion	Ratio	Lower	Upper
202	100		
101	16.4	10.1	15.1#
100	12.1	7.4	11.2#

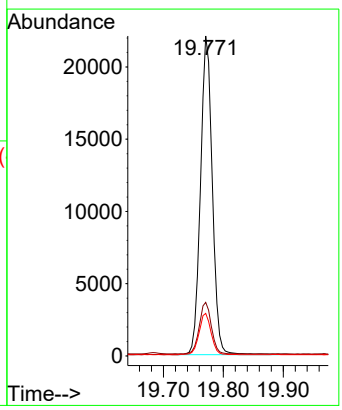


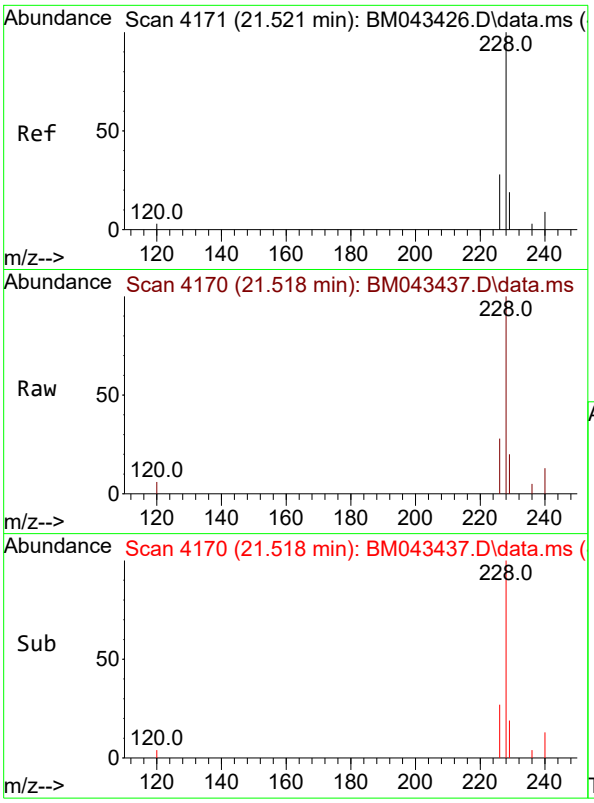


#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:202 Resp: 30207

Ion	Ratio	Lower	Upper
202	100		
101	16.8	12.7	19.1
100	13.3	9.8	14.8





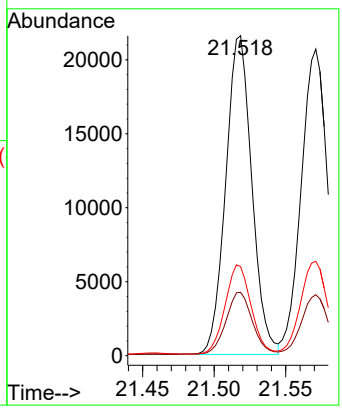
#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.518 min Scan# 4

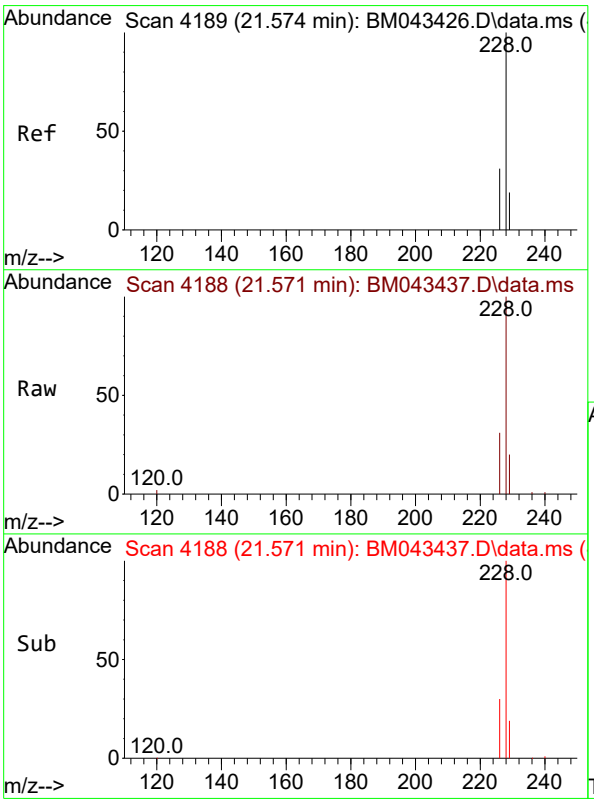
Instrument :
BNA_M
ClientSampleId :
SLCS813

Delta R.T. -0.003 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:228 Resp: 27389

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	27.8	22.6	34.0

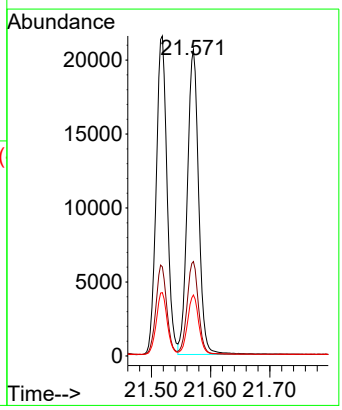


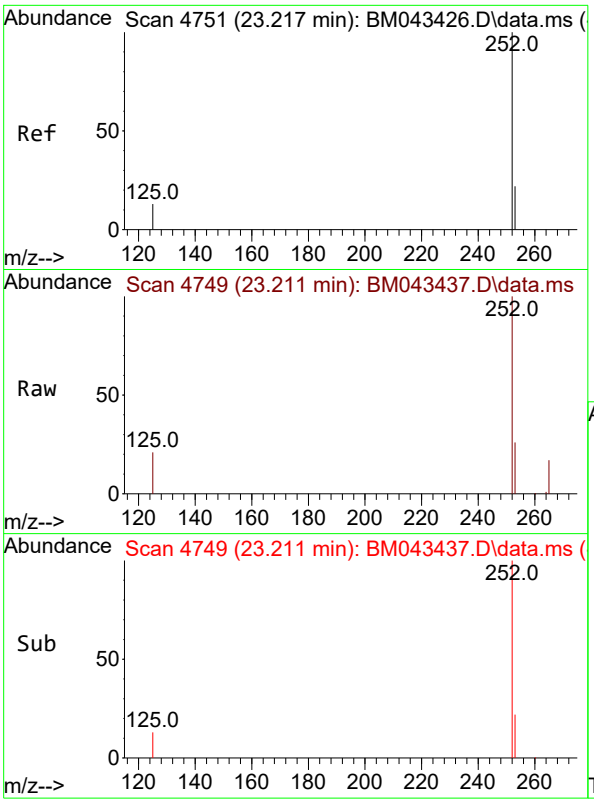


#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:228 Resp: 27324

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.9	15.7	23.5



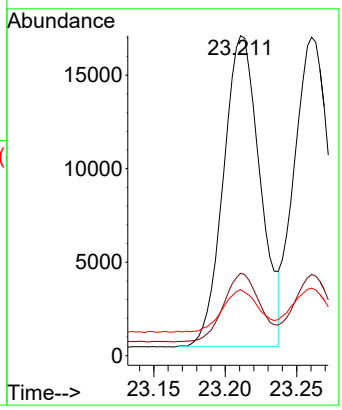


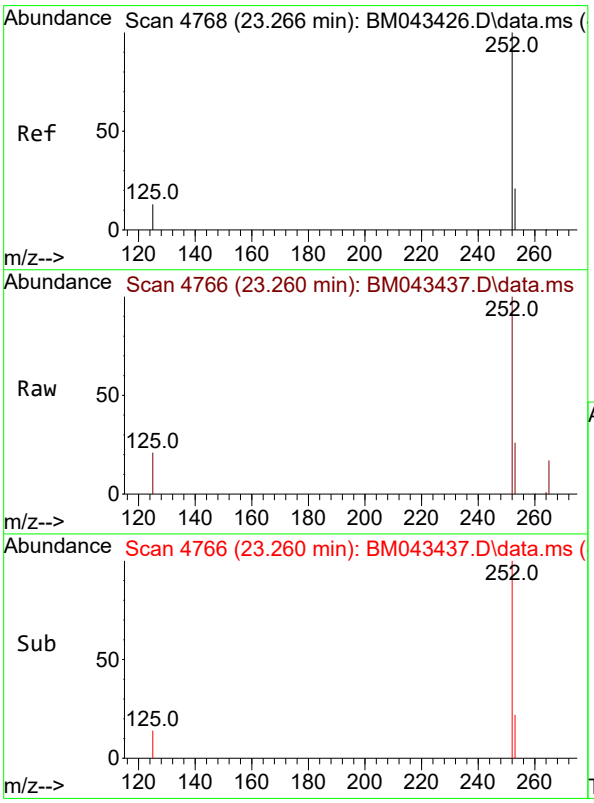
#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.211 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:252 Resp: 29639

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	48.8
125	20.6	0.0	29.2

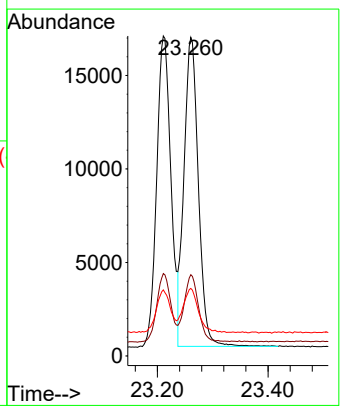


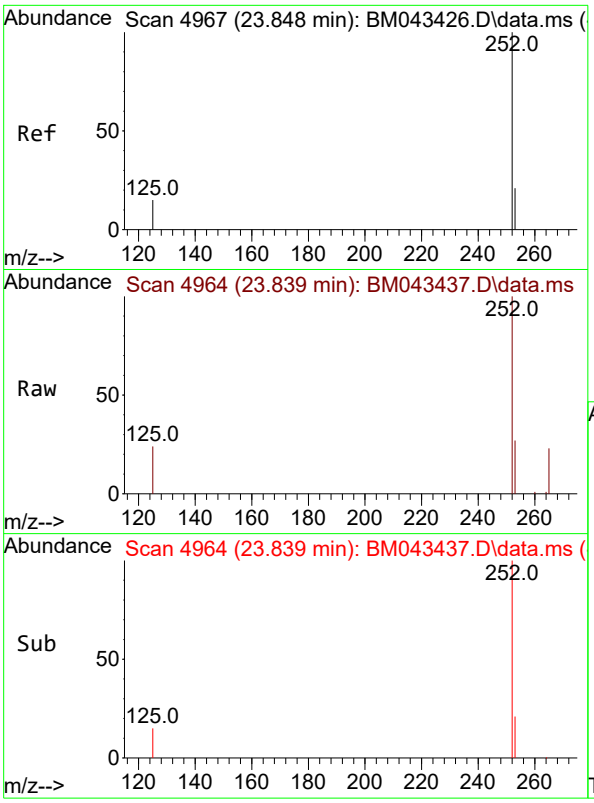


#25
Benzo(k)fluoranthene
Concen: 0.317 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:252 Resp: 29806

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.6	28.0
125	21.2	11.8	17.8#



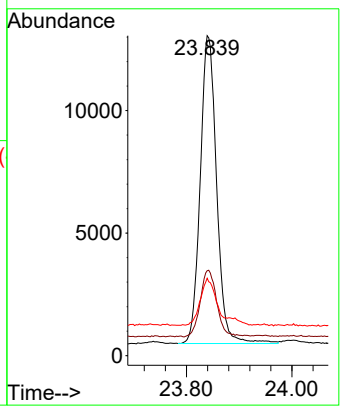


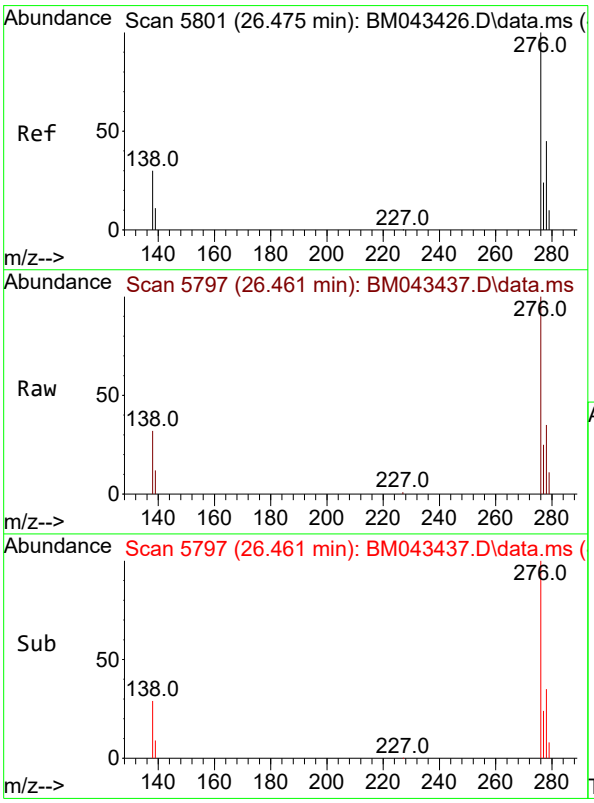
#26
Benzo(a)pyrene
Concen: 0.362 ng/ul
RT: 23.839 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:252 Resp: 27067

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.2	30.2
125	24.2	13.5	20.3#

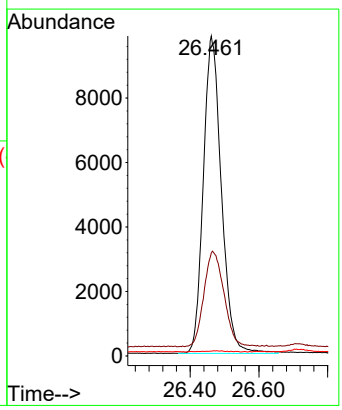


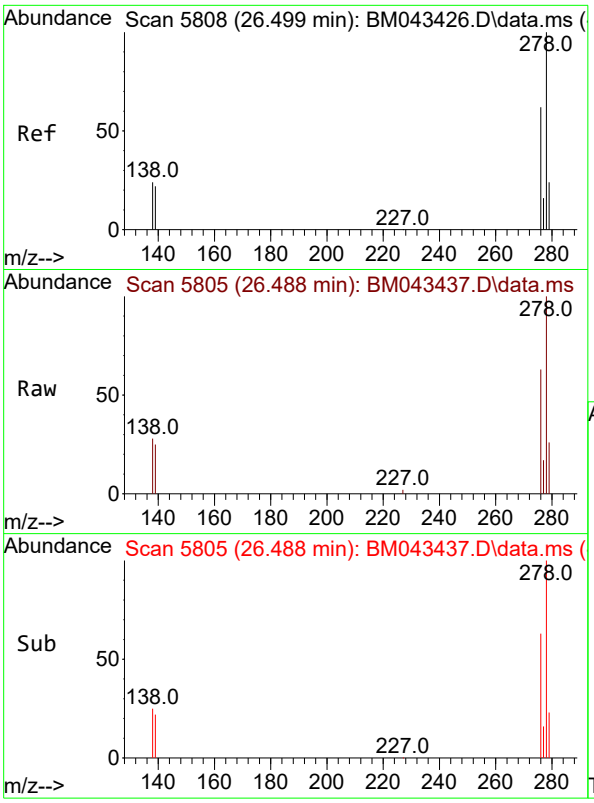


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.461 min Scan# 5797
Delta R.T. -0.014 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:276 Resp: 35949

Ion	Ratio	Lower	Upper
276	100		
138	33.4	24.6	36.8
227	0.1	0.0	0.0#



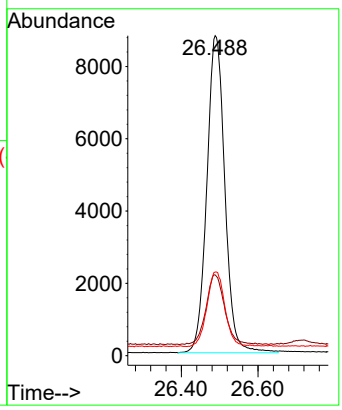


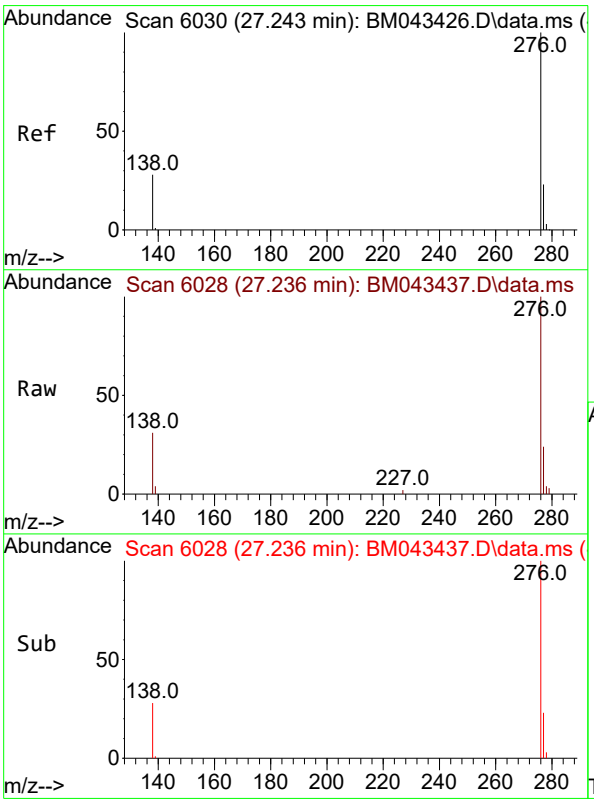
#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 26.488 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Instrument :
BNA_M
ClientSampleId :
SLCS813

Tgt Ion:278 Resp: 28724

Ion	Ratio	Lower	Upper
278	100		
139	25.3	17.4	26.2
279	26.1	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.007 min
Lab File: BM043437.D
Acq: 19 Dec 2023 21:17

Tgt Ion:276 Resp: 29730

Ion	Ratio	Lower	Upper
276	100		
138	31.4	23.1	34.7
277	24.2	19.4	29.0