Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043461.D
Acq On : 20 Dec 2023 12:52
Operator : MA/JU
Sample : PB157900BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS900

Quant Time: Dec 20 23:13:38 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	5961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	17827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.611	164	8705	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	17674	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	12060	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	13354	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5422	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	8284	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	13734	0.319	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	16944	2.243	ng/ul#	79
5) Naphthalene	10.840	128	18393	0.343	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	11016	0.319	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	10755	0.310	ng/ul	100
10) Acenaphthylene	14.338	152	16374	0.342	ng/ul	99
11) Acenaphthene	14.675	153	11858	0.340	ng/ul	99
12) Fluorene	15.661	166	12956	0.328	ng/ul	99
14) Pentachlorophenol	17.004	266	3024	0.772	ng/ul	97
15) Phenanthrene	17.400	178	20449	0.347	ng/ul	99
16) Anthracene	17.493	178	18661	0.349	ng/ul	100
19) Fluoranthene	19.413	202	21300	0.313	ng/ul	95
20) Pyrene	19.771	202	22080	0.327	ng/ul	94
21) Benzo(a)anthracene	21.518	228	18962	0.358	ng/ul	99
22) Chrysene	21.571	228	19798	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	20865	0.344	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	21225	0.338	ng/ul#	92
26) Benzo(a)pyrene	23.842	252	18800	0.376	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.465	276	26158	0.459	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.489	278	20982	0.465	ng/ul	95
29) Benzo(g,h,i)perylene	27.233	276	21947	0.452	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043461.D
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Misc :
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Instrument :
BNA_M
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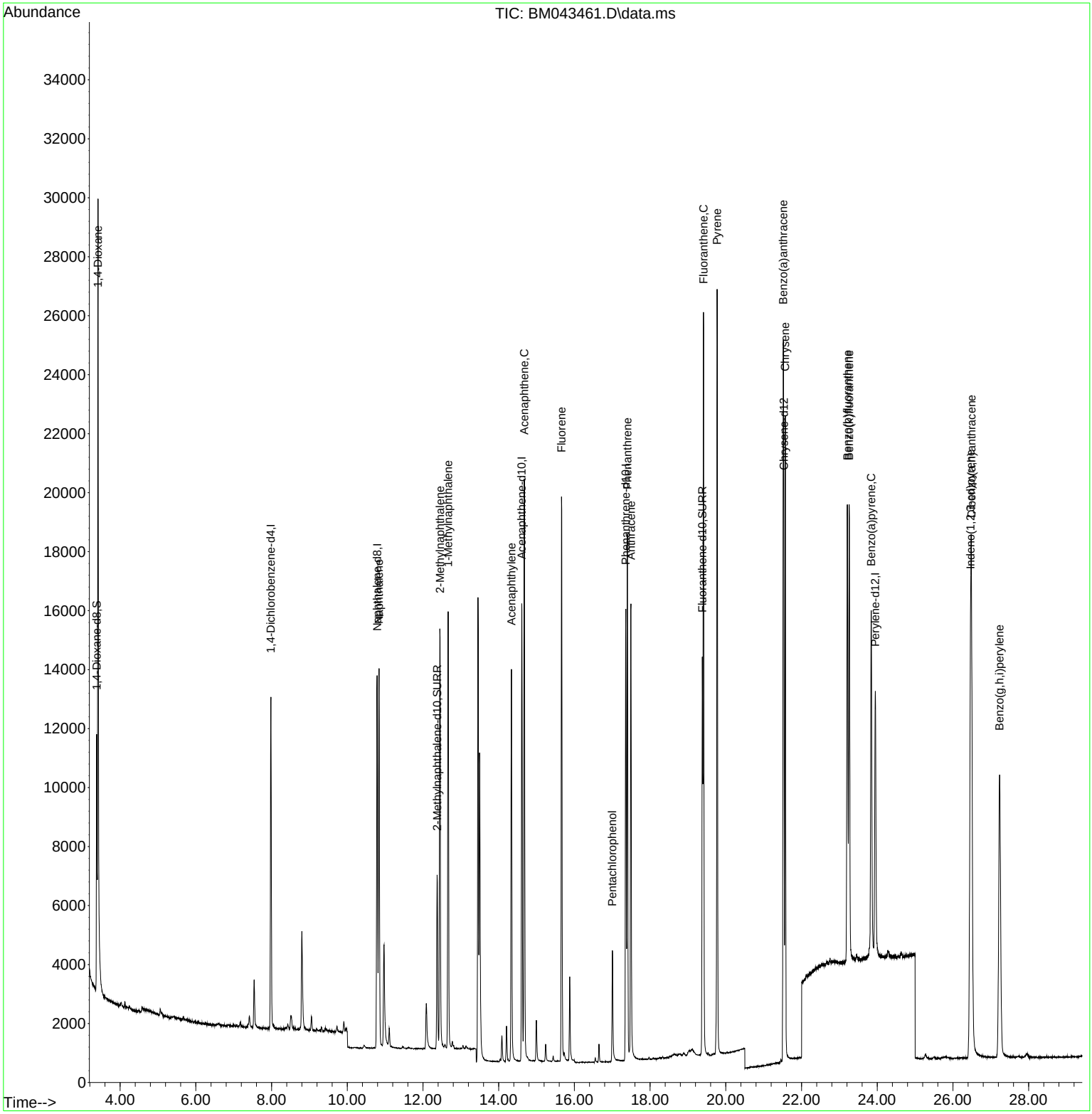
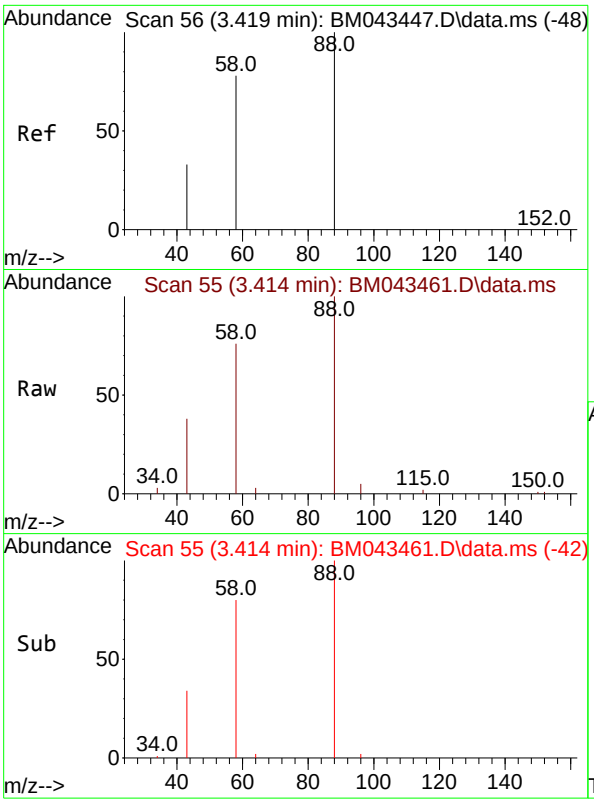
SLCS900

Quant Time: Dec 20 23:13:38 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



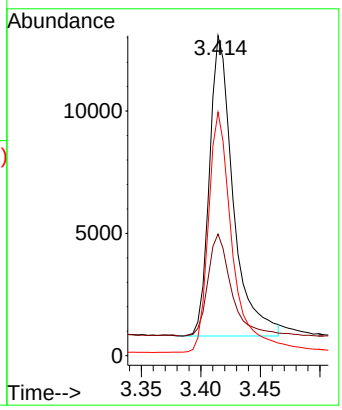


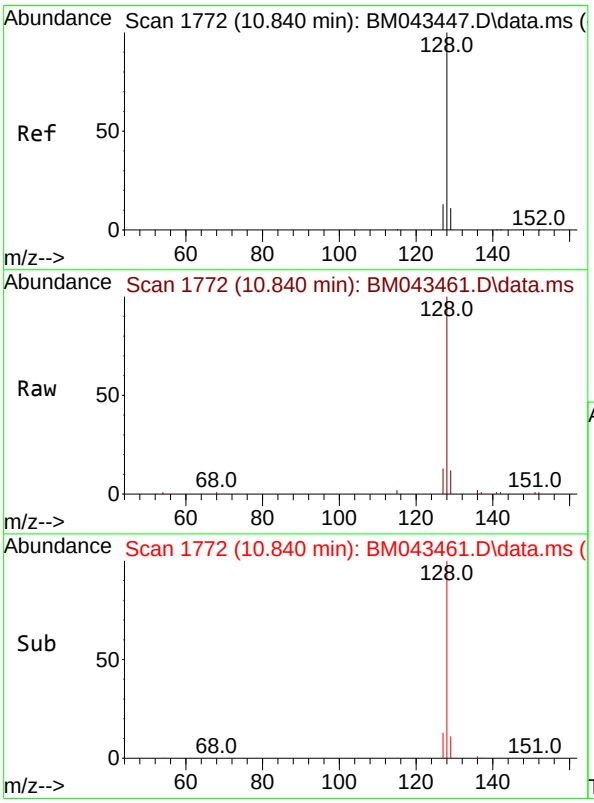
#2
1,4-Dioxane
Concen: 2.243 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion: 88 Resp: 16944

Ion	Ratio	Lower	Upper
88	100		
43	38.0	27.9	41.9
58	76.1	43.4	65.2#

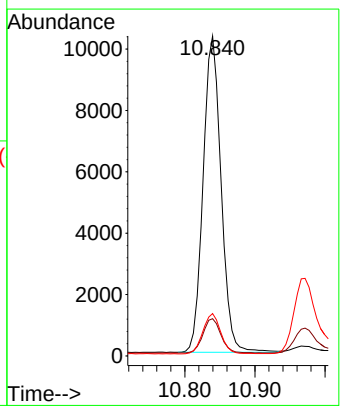


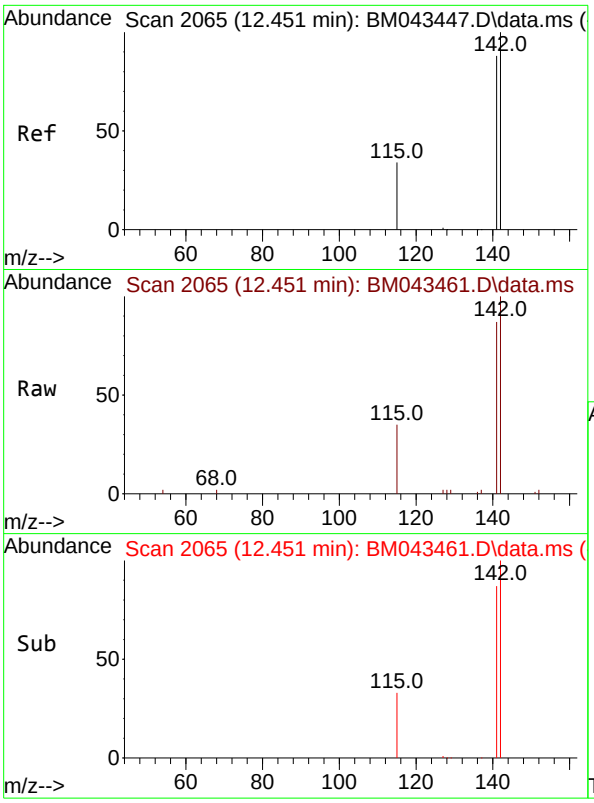


#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:128 Resp: 18393

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	13.3	10.3	15.5



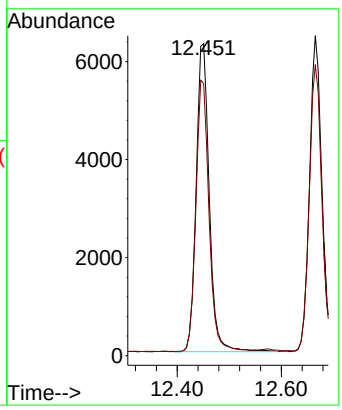


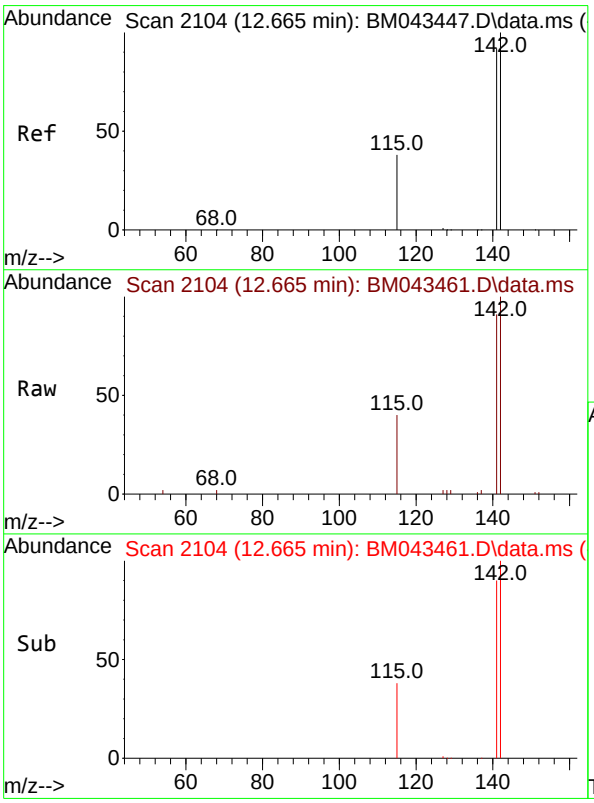
#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.451 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:142 Resp: 11016

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3

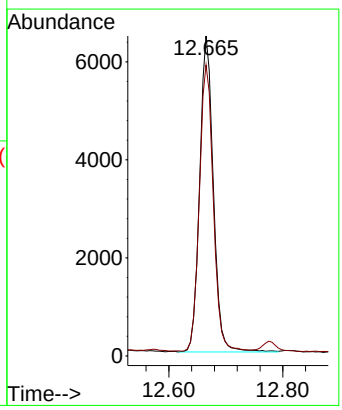


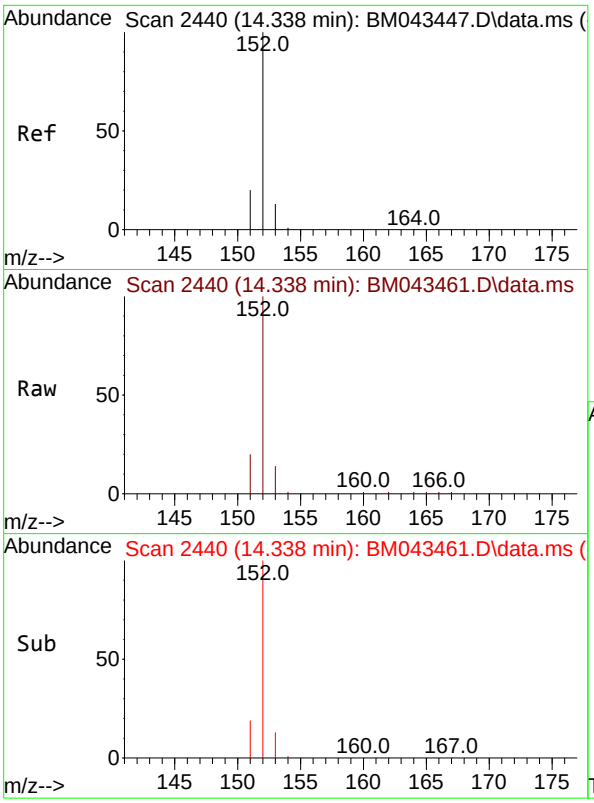


#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:142 Resp: 10755

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.7	110.5



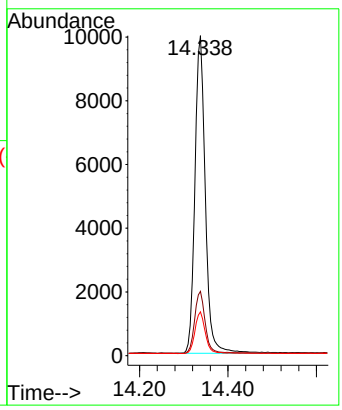


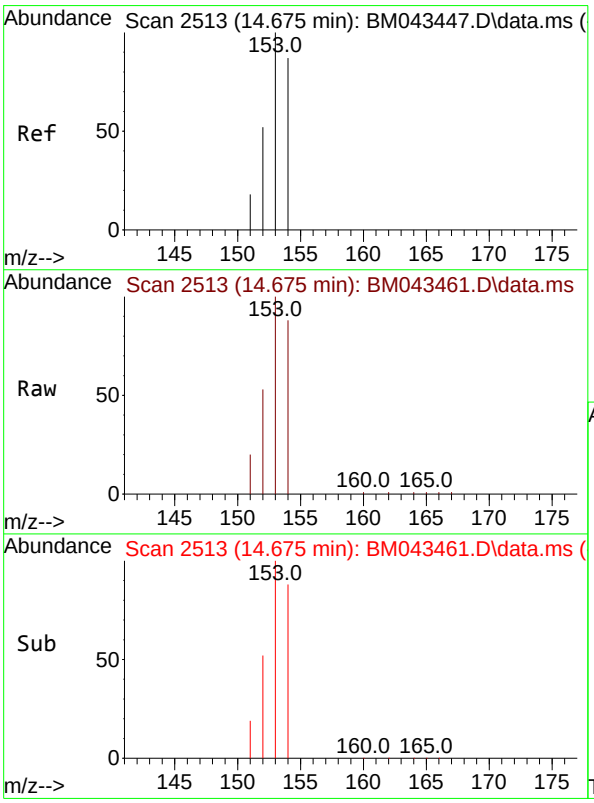
#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.338 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:152 Resp: 16374

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.7	10.4	15.6

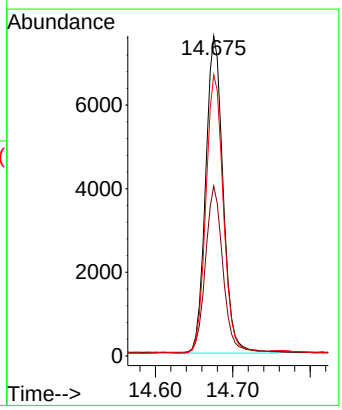


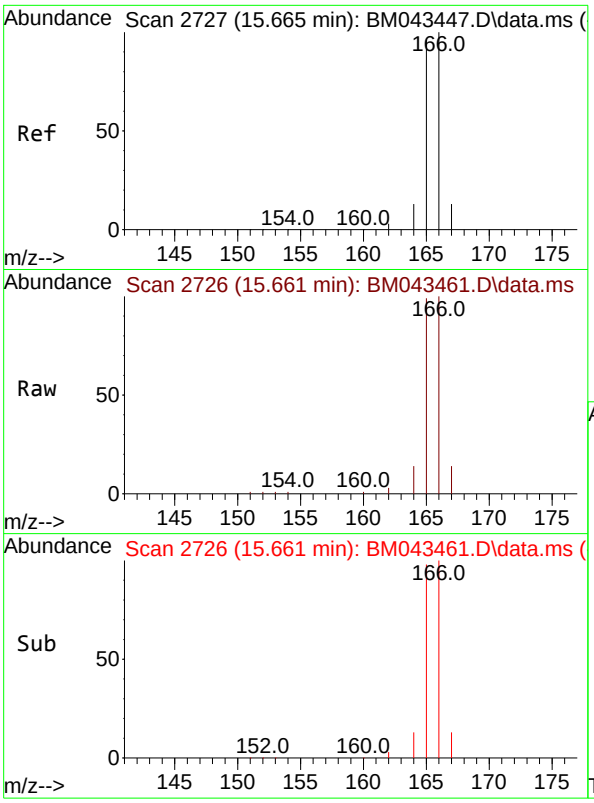


#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:153 Resp: 11858

Ion	Ratio	Lower	Upper
153	100		
152	53.1	42.1	63.1
154	87.9	71.3	106.9



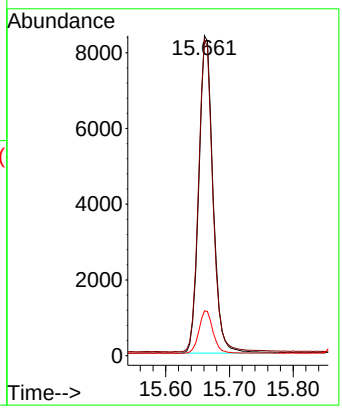


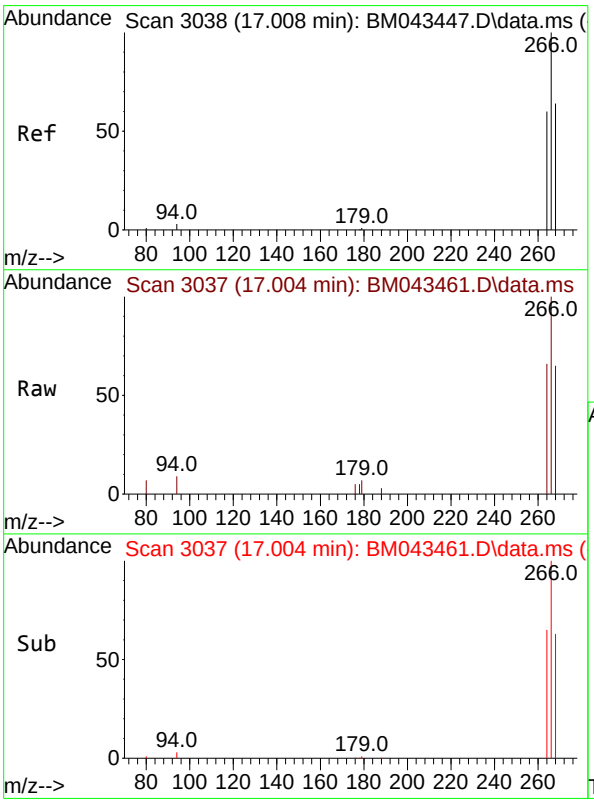
#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.661 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:166 Resp: 12956

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.3	120.5
167	14.0	10.8	16.2

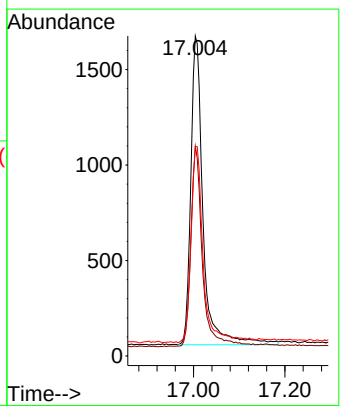


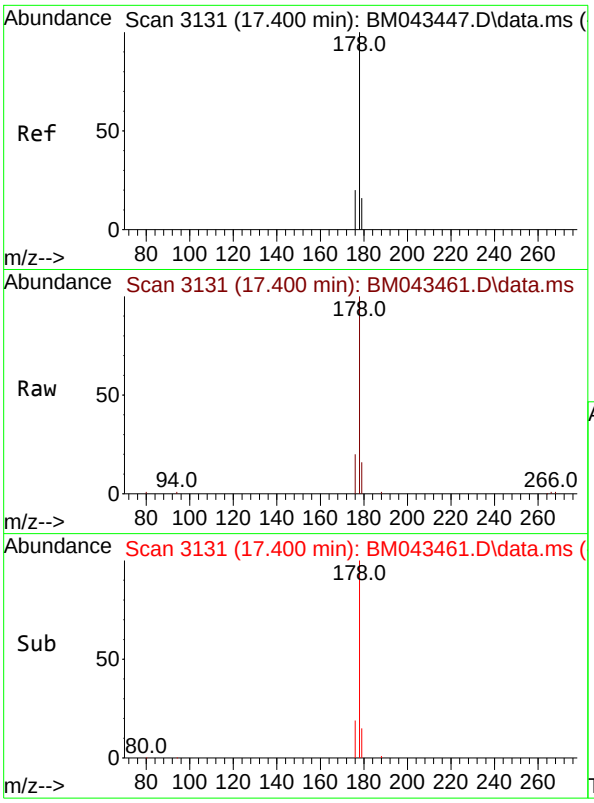


#14
Pentachlorophenol
Concen: 0.772 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:266 Resp: 3024

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.7	77.5
268	63.8	51.9	77.9



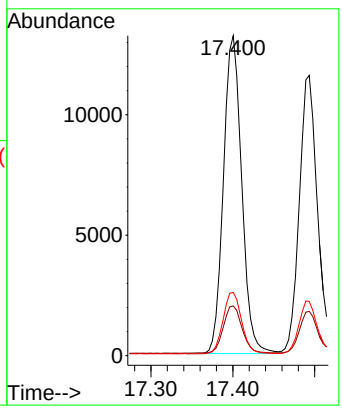


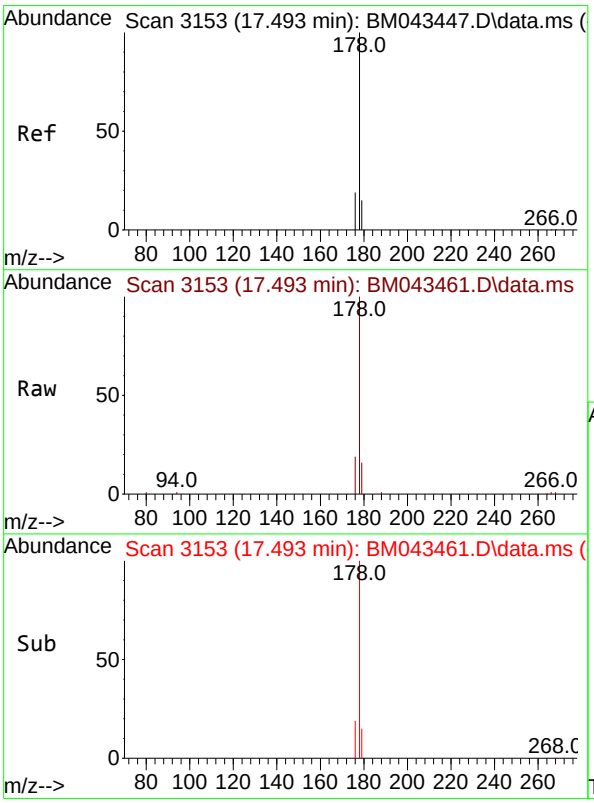
#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.400 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:178 Resp: 20449

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.8	16.2	24.2

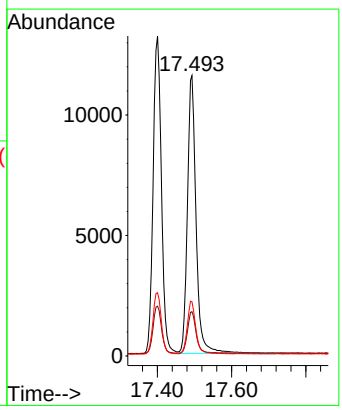


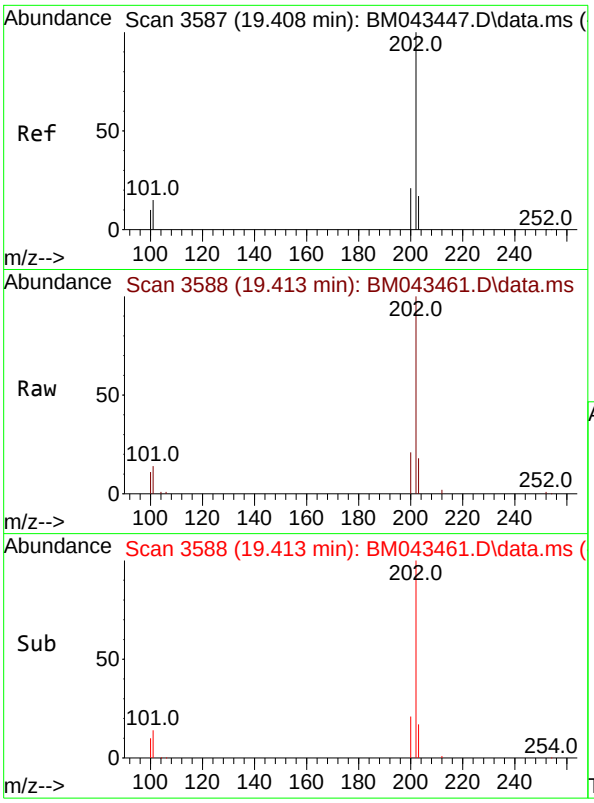


#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:178 Resp: 18661

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.3	15.6	23.4



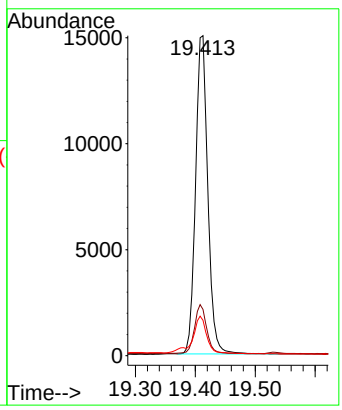


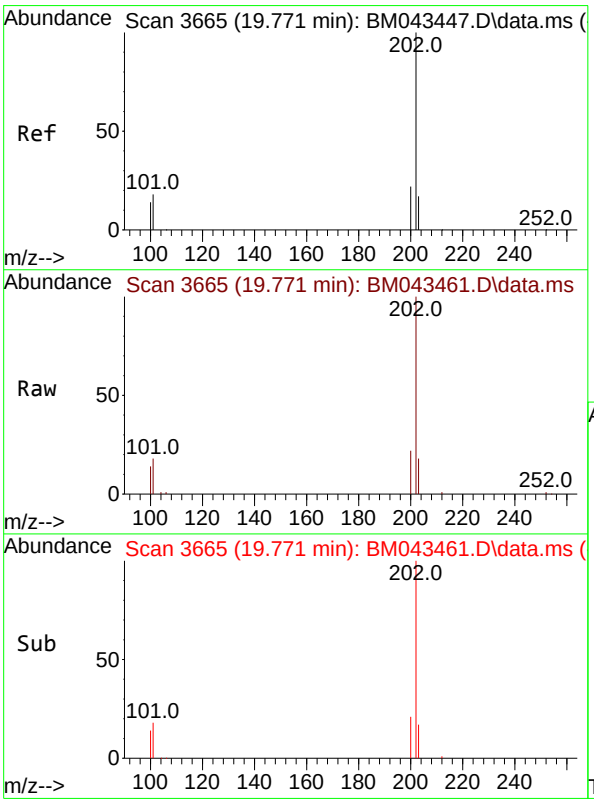
#19
Fluoranthene
Concen: 0.313 ng/ul
RT: 19.413 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:202 Resp: 21300

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.1	15.1
100	11.1	7.4	11.2

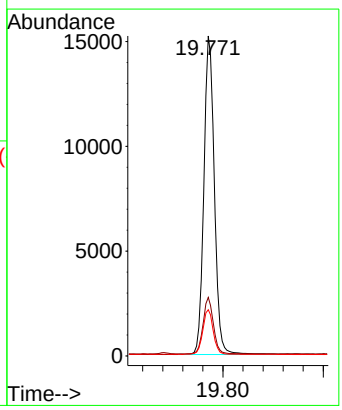


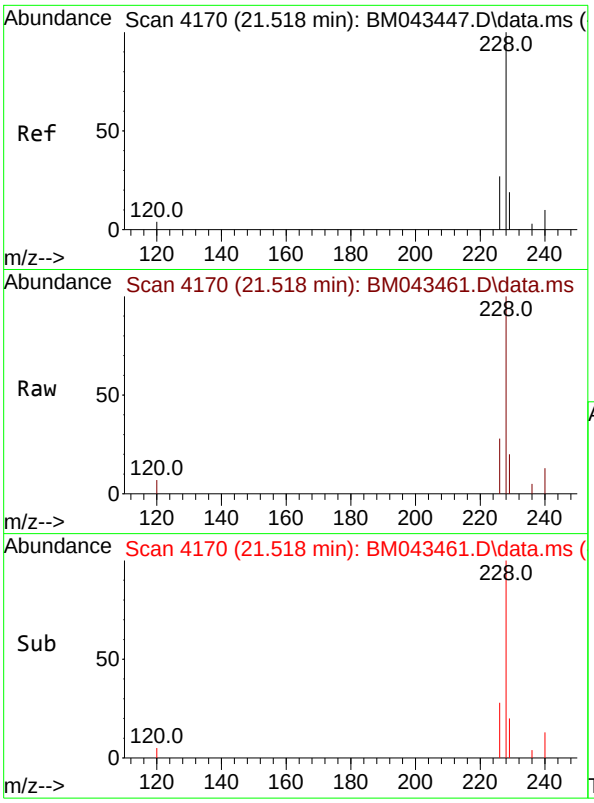


#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:202 Resp: 22080

Ion	Ratio	Lower	Upper
202	100		
101	18.3	12.7	19.1
100	14.5	9.8	14.8



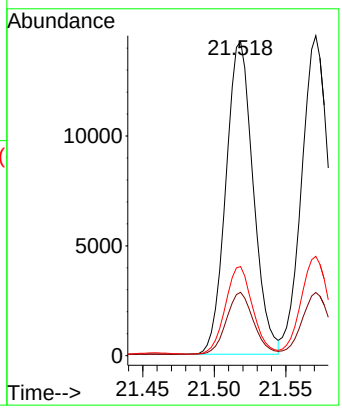


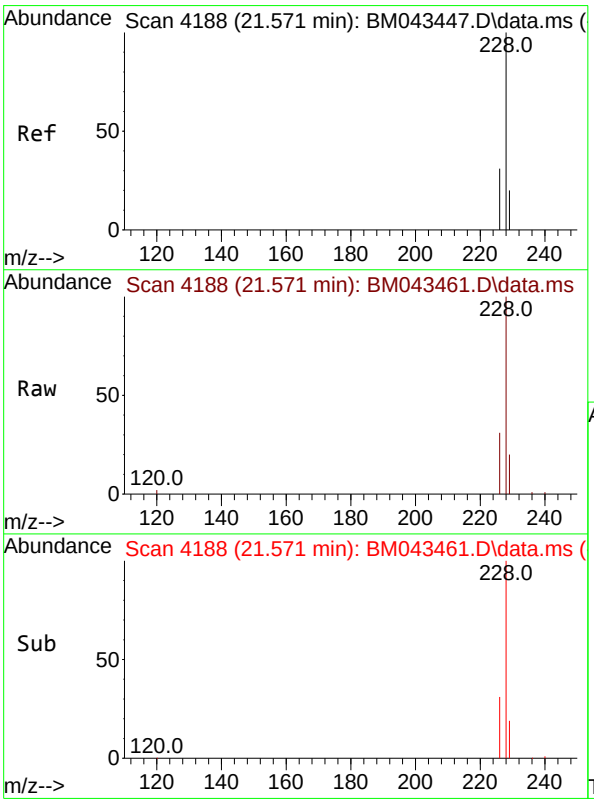
#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.518 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:228 Resp: 18962

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	28.4	22.6	34.0

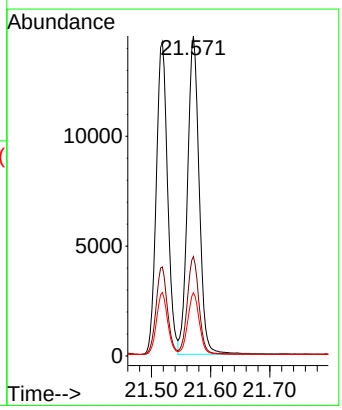


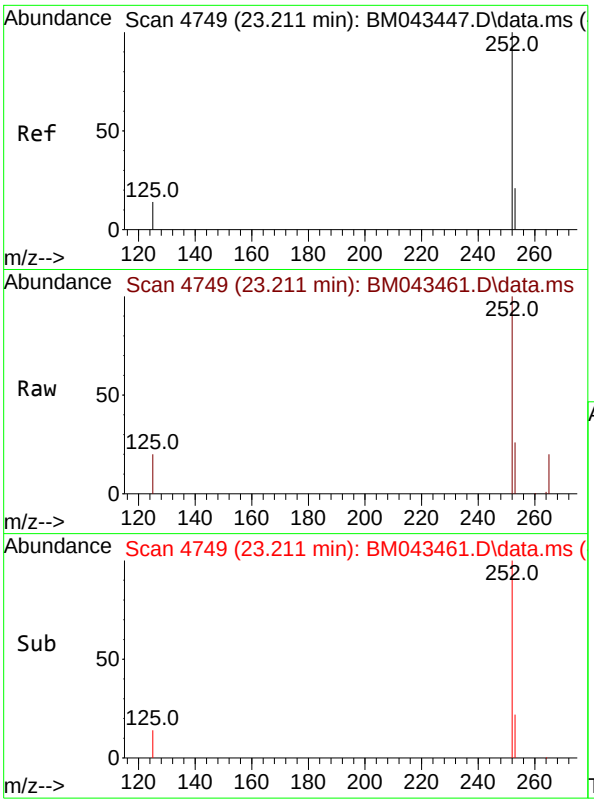


#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:228 Resp: 19798

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	19.7	15.7	23.5



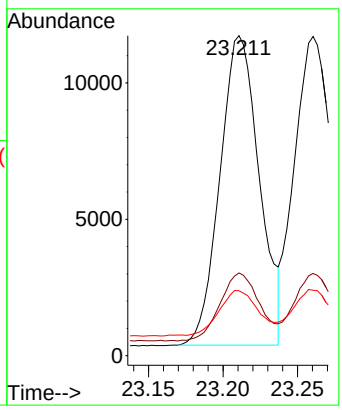


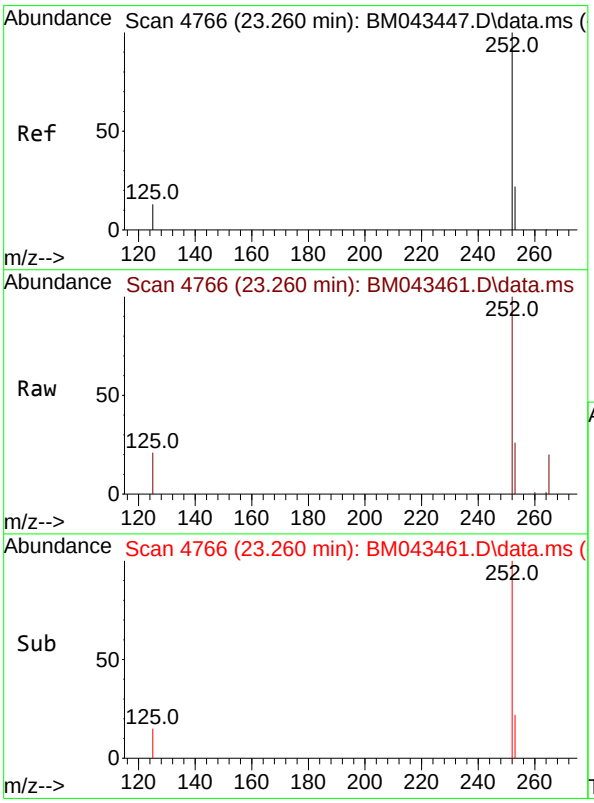
#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.211 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:252 Resp: 20865

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	48.8
125	20.3	0.0	29.2

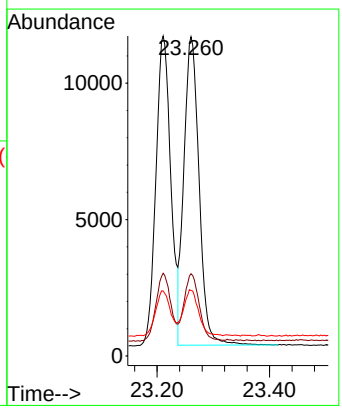


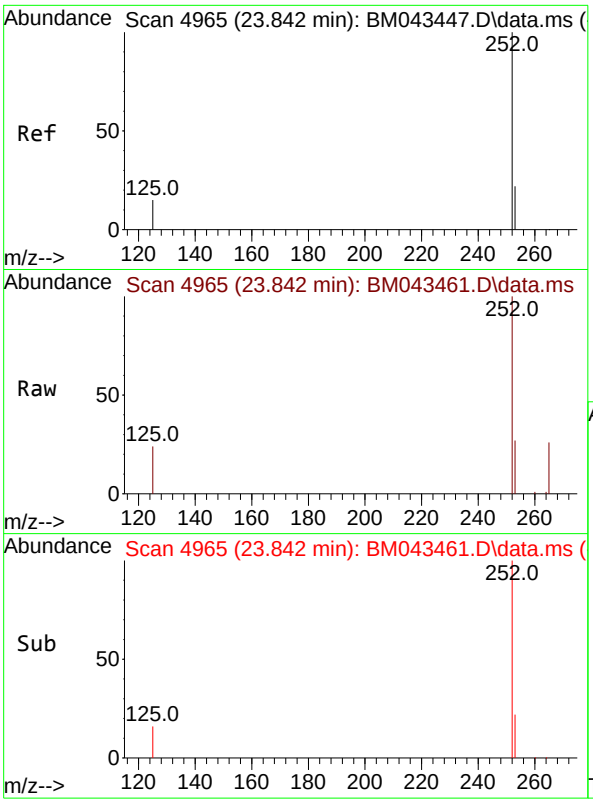


#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:252 Resp: 21225

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.6	28.0
125	20.5	11.8	17.8#



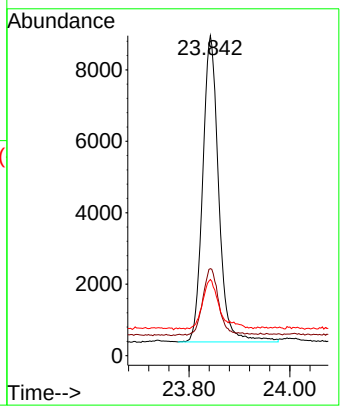


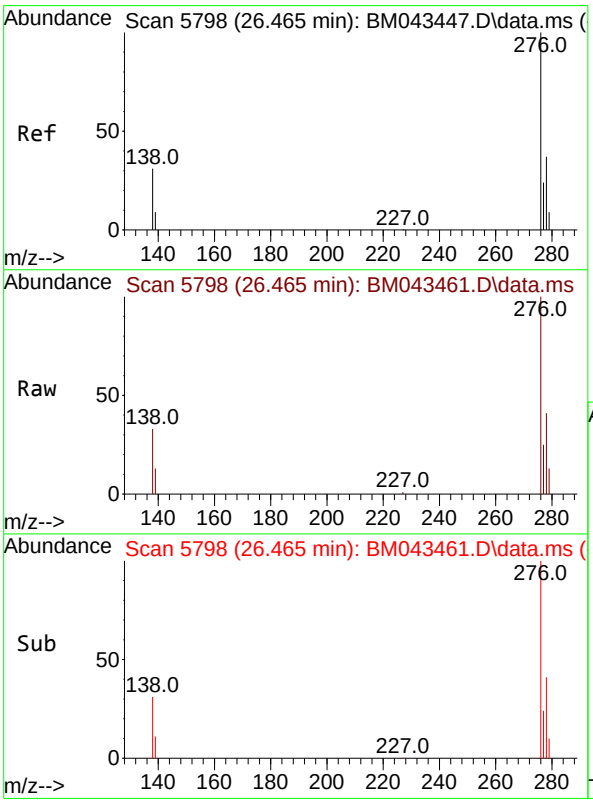
#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.842 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:252 Resp: 18800

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.2	30.2
125	23.8	13.5	20.3#

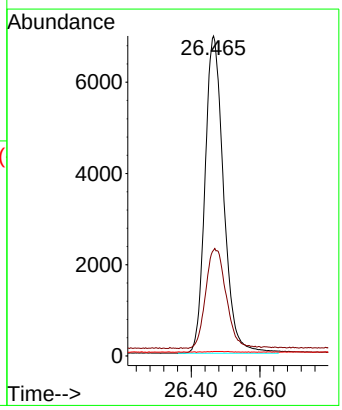


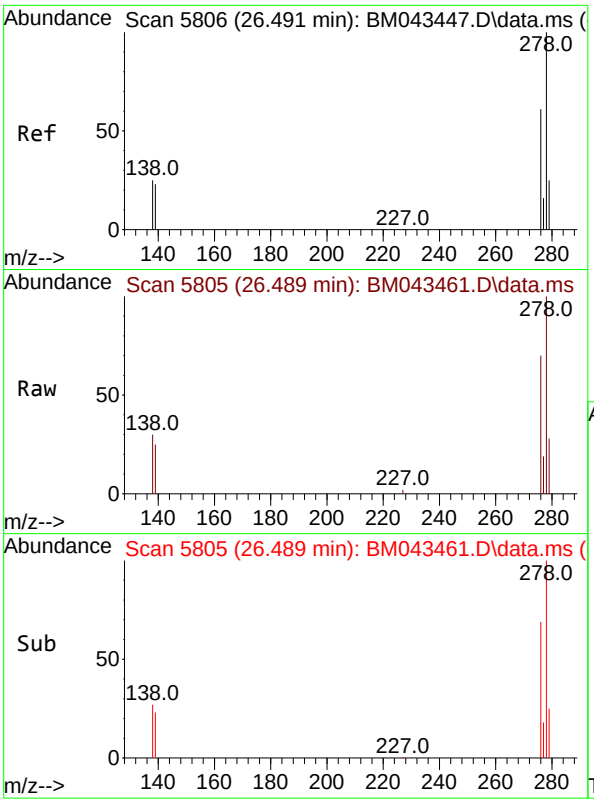


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.010 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:276 Resp: 26158

Ion	Ratio	Lower	Upper
276	100		
138	34.6	24.6	36.8
227	0.2	0.0	0.0#



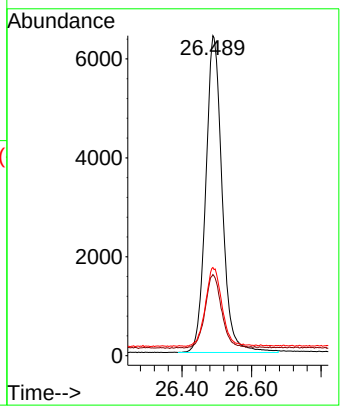


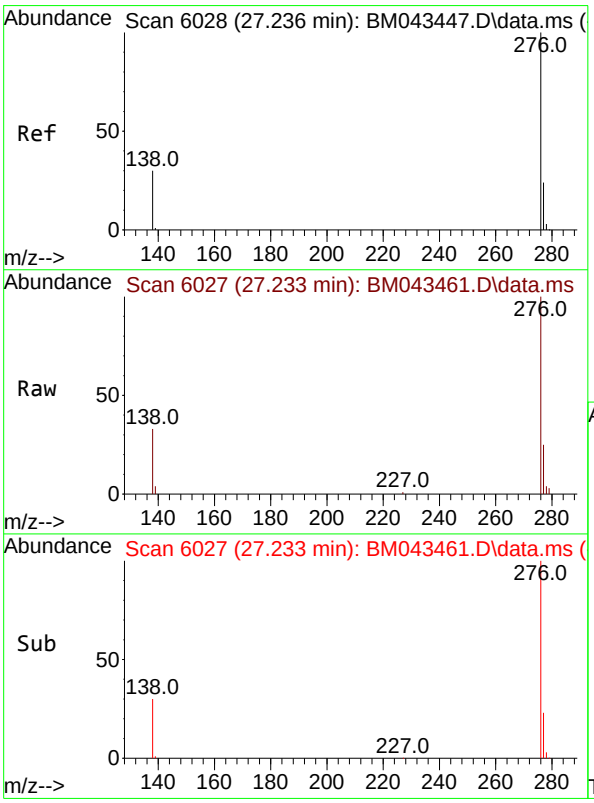
#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 26.489 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Instrument :
BNA_M
ClientSampleId :
SLCS900

Tgt Ion:278 Resp: 20982

Ion	Ratio	Lower	Upper
278	100		
139	25.4	17.4	26.2
279	27.6	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 27.233 min Scan# 6027
Delta R.T. -0.010 min
Lab File: BM043461.D
Acq: 20 Dec 2023 12:52

Tgt Ion:276 Resp: 21947

Ion	Ratio	Lower	Upper
276	100		
138	32.8	23.1	34.7
277	24.5	19.4	29.0