Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043460.D
Acq On : 20 Dec 2023 12:16
Operator : MA/JU
Sample : PB157898BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS898

Quant Time: Dec 20 23:13:26 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	6232	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18786	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9149	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	18387	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	12374	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	14059	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5204	0.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	7993	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12794	0.289	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	16173	2.048	ng/ul#	79
5) Naphthalene	10.840	128	17635	0.312	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	10652	0.292	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	10352	0.283	ng/ul	99
10) Acenaphthylene	14.338	152	15737	0.312	ng/ul	99
11) Acenaphthene	14.675	153	11431	0.312	ng/ul	98
12) Fluorene	15.661	166	12323	0.297	ng/ul	99
14) Pentachlorophenol	17.004	266	2809	0.689	ng/ul	98
15) Phenanthrene	17.400	178	19511	0.318	ng/ul	100
16) Anthracene	17.493	178	17756	0.319	ng/ul	100
19) Fluoranthene	19.408	202	20047	0.287	ng/ul#	93
20) Pyrene	19.771	202	20932	0.302	ng/ul	96
21) Benzo(a)anthracene	21.518	228	18061	0.333	ng/ul	100
22) Chrysene	21.571	228	18782	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.211	252	20073	0.315	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	20242	0.306	ng/ul#	91
26) Benzo(a)pyrene	23.842	252	18068	0.343	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.465	276	24811	0.414	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.491	278	19890	0.419	ng/ul	94
29) Benzo(g,h,i)perylene	27.236	276	20820	0.407	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
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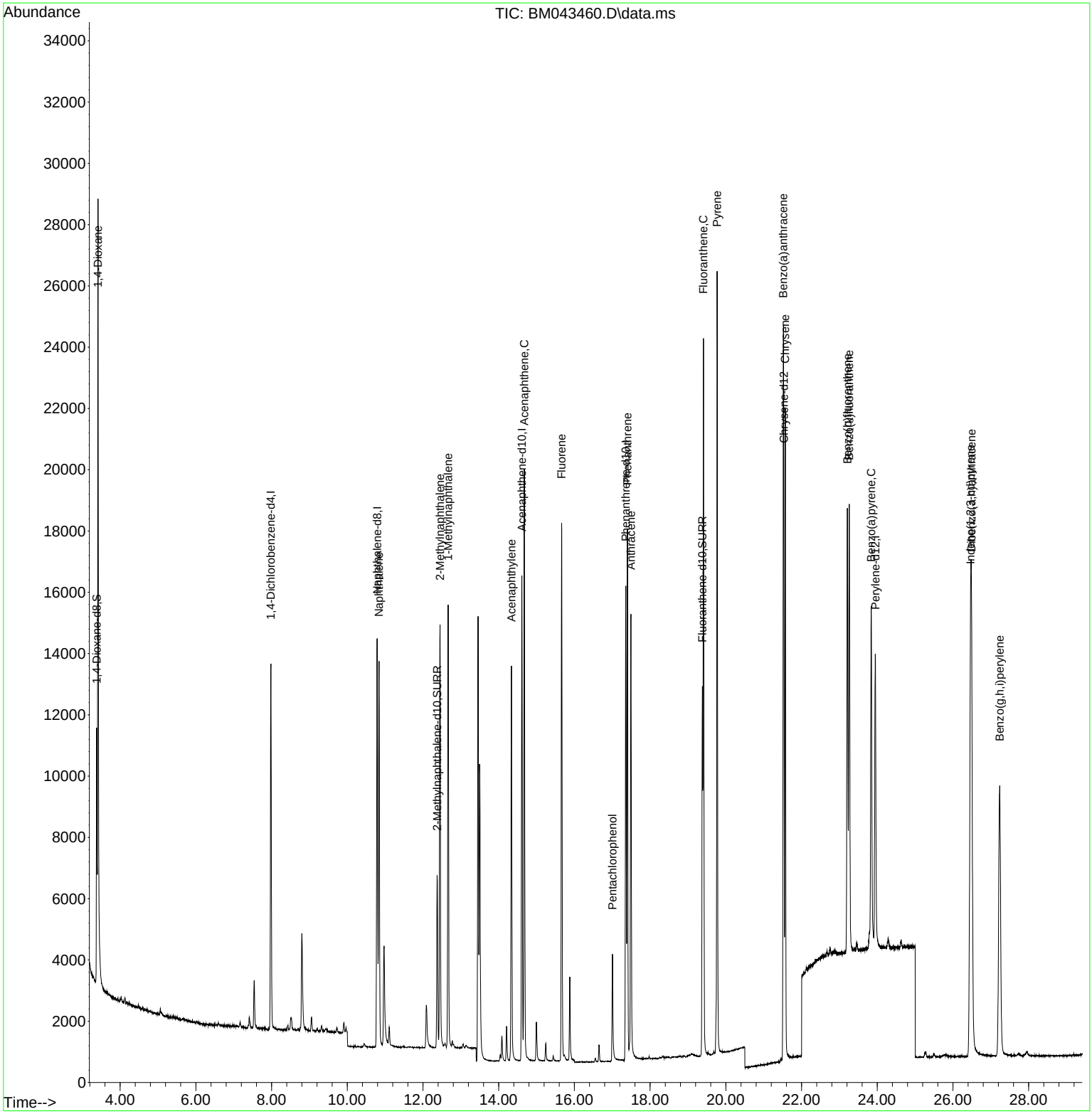
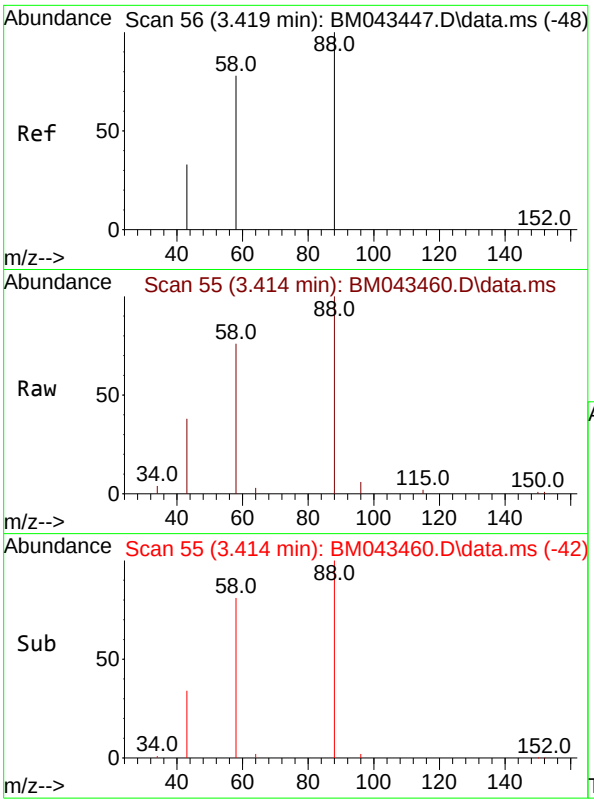
Quant Time: Dec 20 23:13:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



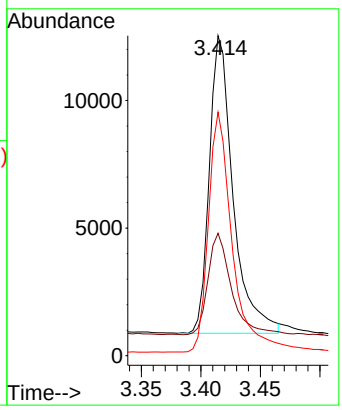


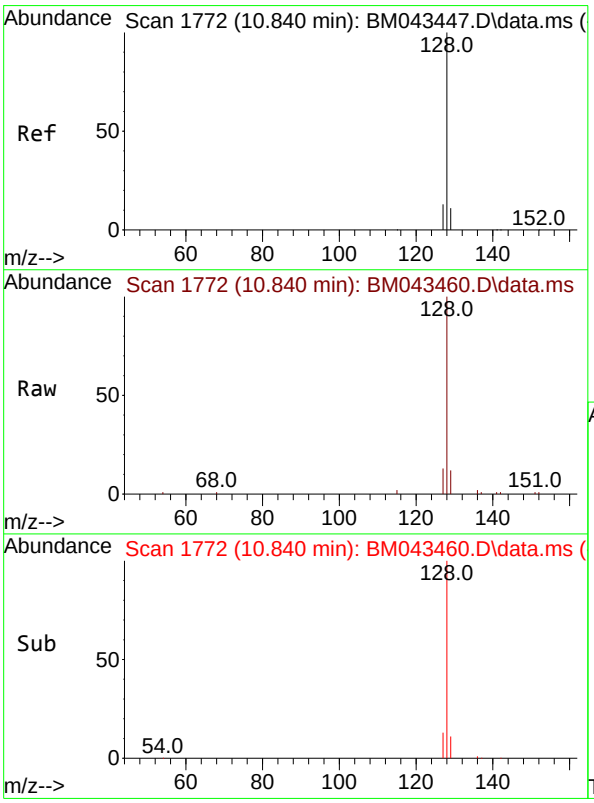
#2
1,4-Dioxane
Concen: 2.048 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion: 88 Resp: 16173

Ion	Ratio	Lower	Upper
88	100		
43	38.2	27.9	41.9
58	76.1	43.4	65.2#

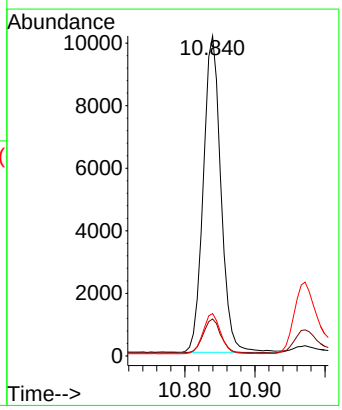


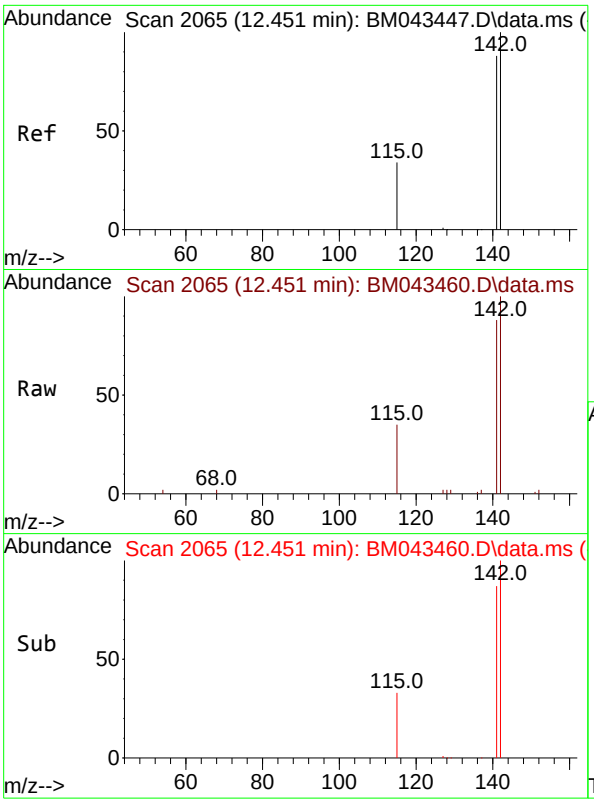


#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:128 Resp: 17635

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.2	10.3	15.5



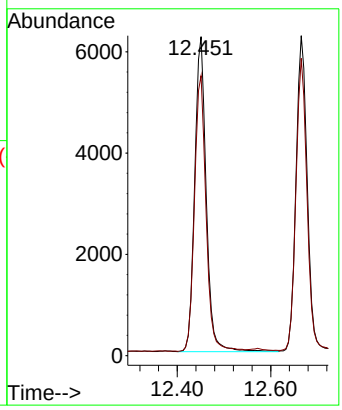


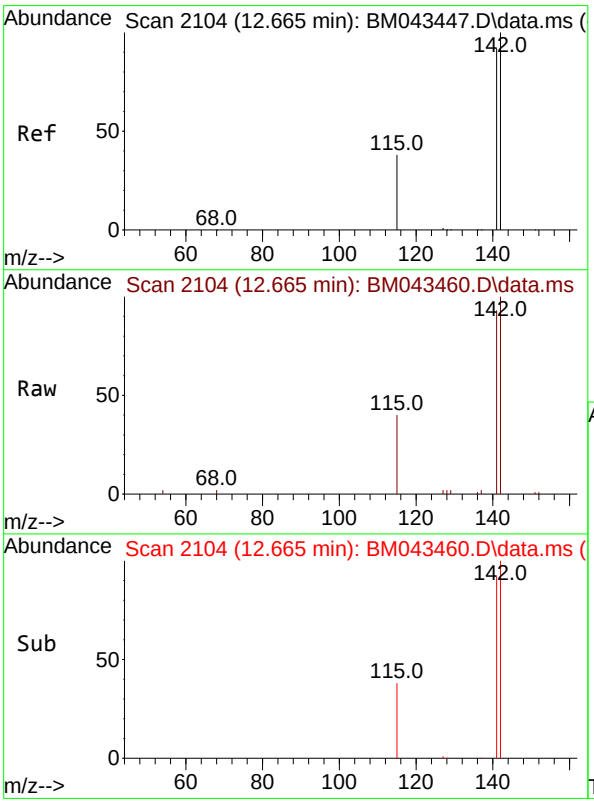
#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.451 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:142 Resp: 10652

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3

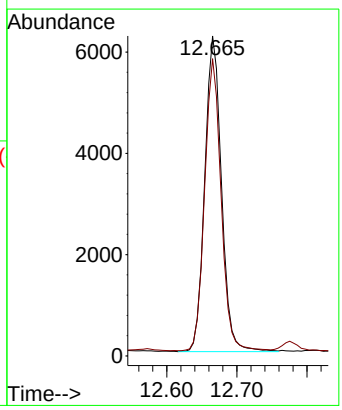


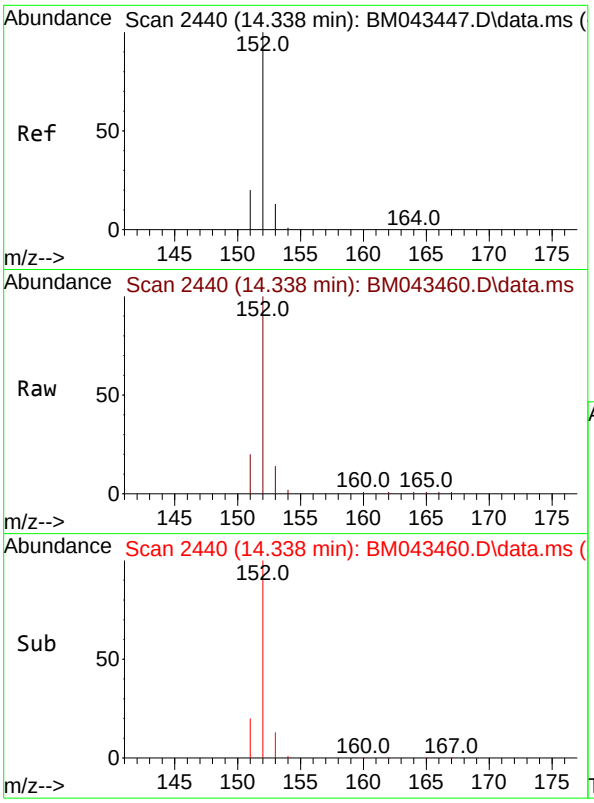


#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:142 Resp: 10352

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5



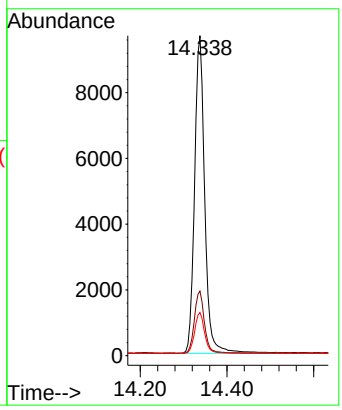


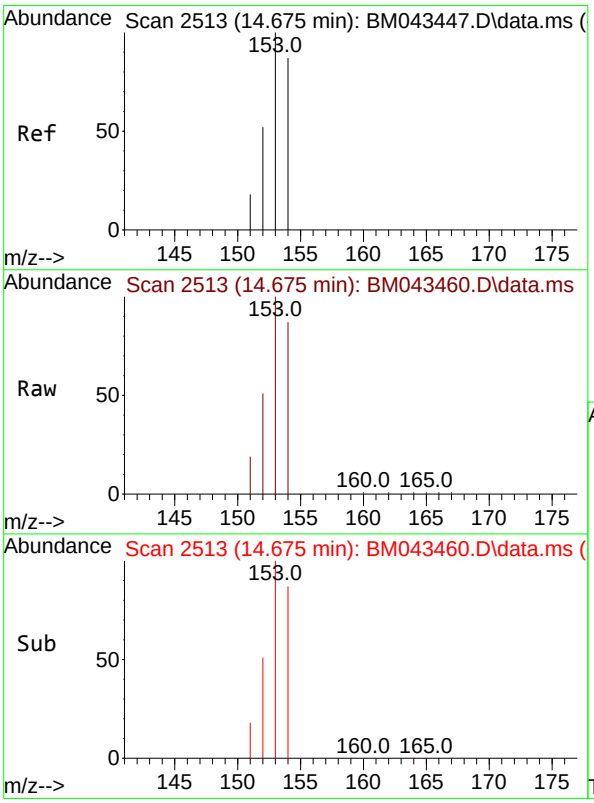
#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.338 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:152 Resp: 15737

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.5	10.4	15.6

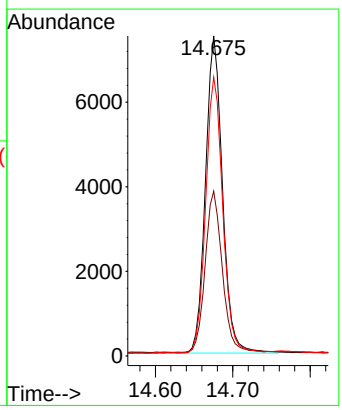


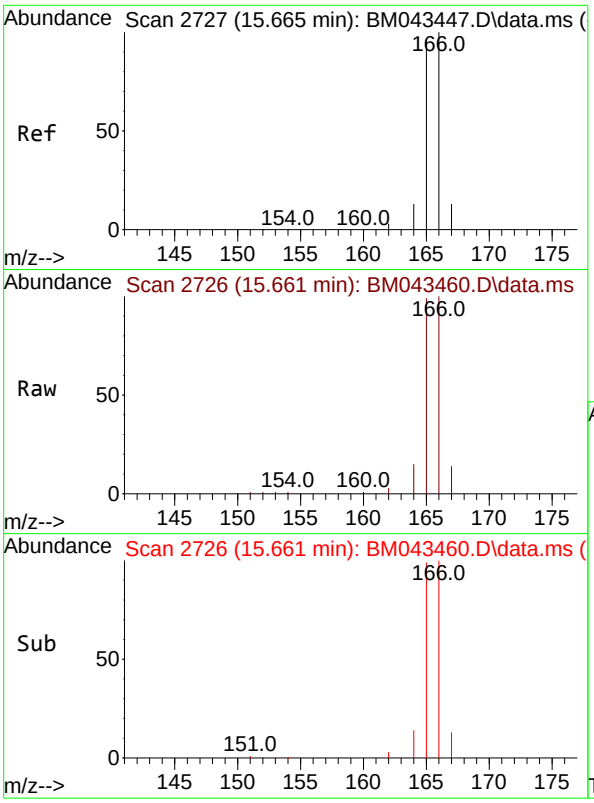


#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:153 Resp: 11431

Ion	Ratio	Lower	Upper
153	100		
152	51.5	42.1	63.1
154	87.1	71.3	106.9



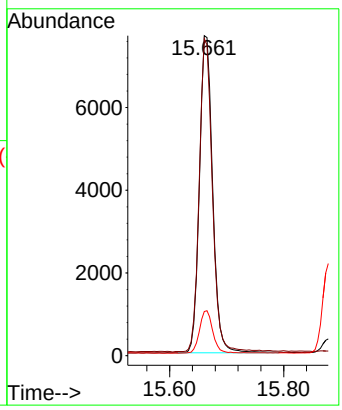


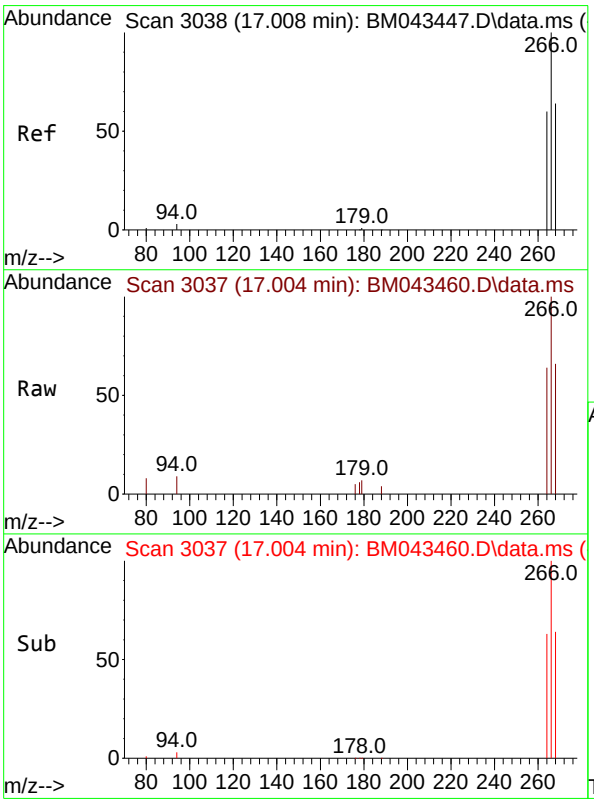
#12
Fluorene
Concen: 0.297 ng/ul
RT: 15.661 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:166 Resp: 12323

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.3	120.5
167	13.8	10.8	16.2

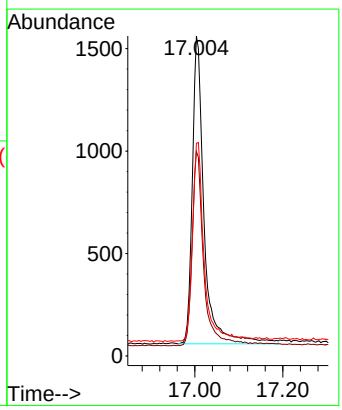


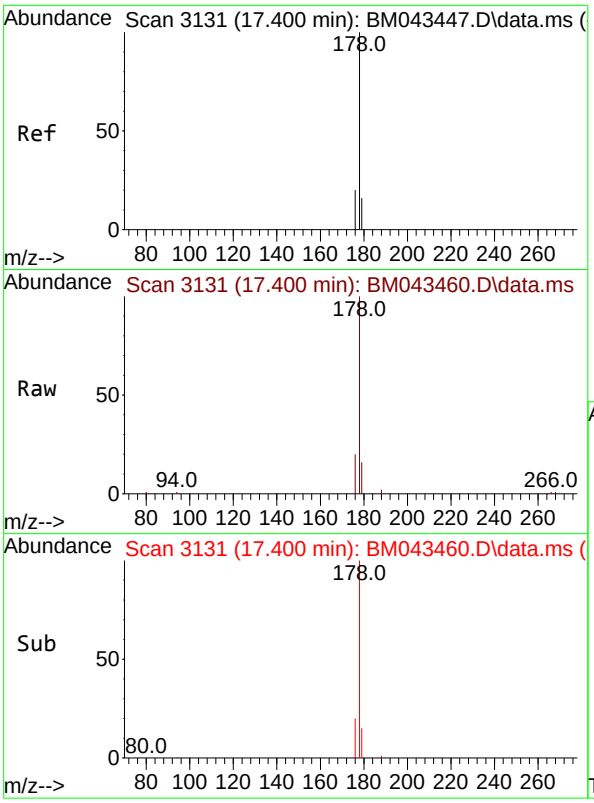


#14
Pentachlorophenol
Concen: 0.689 ng/ul
RT: 17.004 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:266 Resp: 2809

Ion	Ratio	Lower	Upper
266	100		
264	62.7	51.7	77.5
268	64.0	51.9	77.9



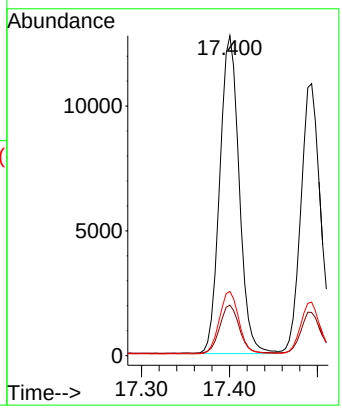


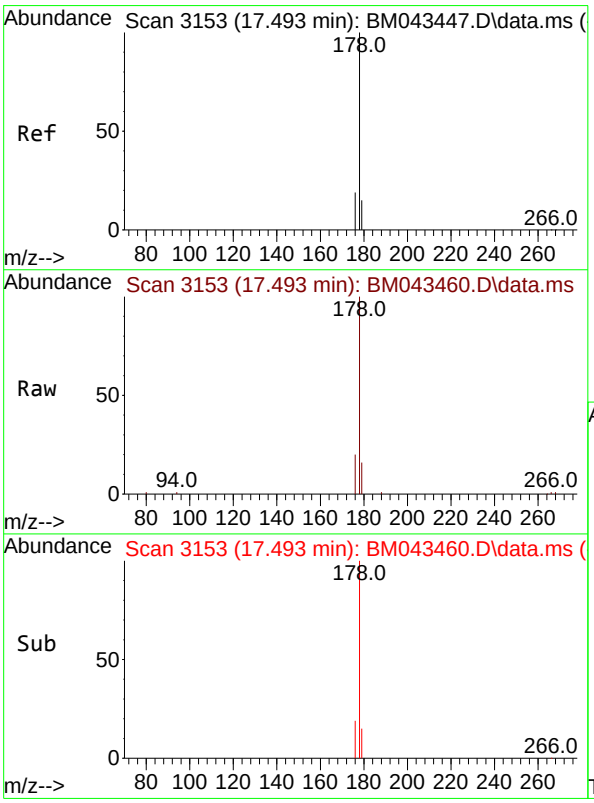
#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.400 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:178 Resp: 19511

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	20.0	16.2	24.2

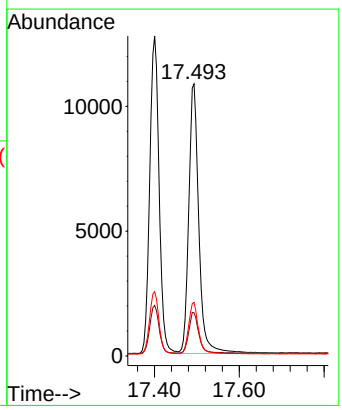


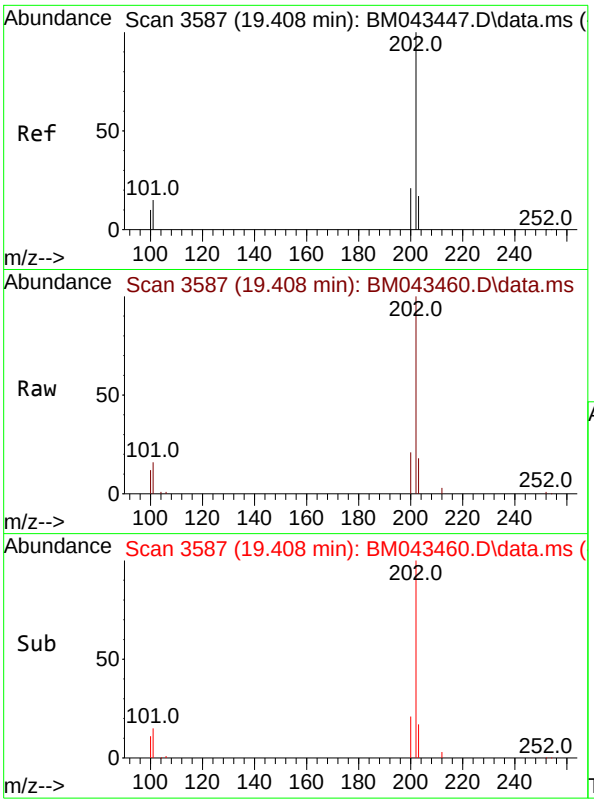


#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:178 Resp: 17756

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.7	15.6	23.4



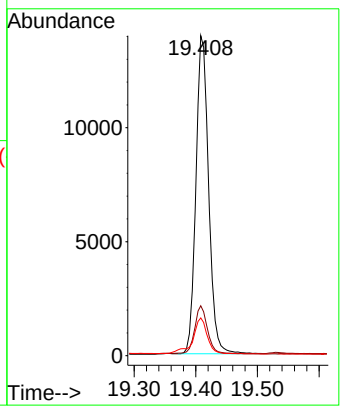


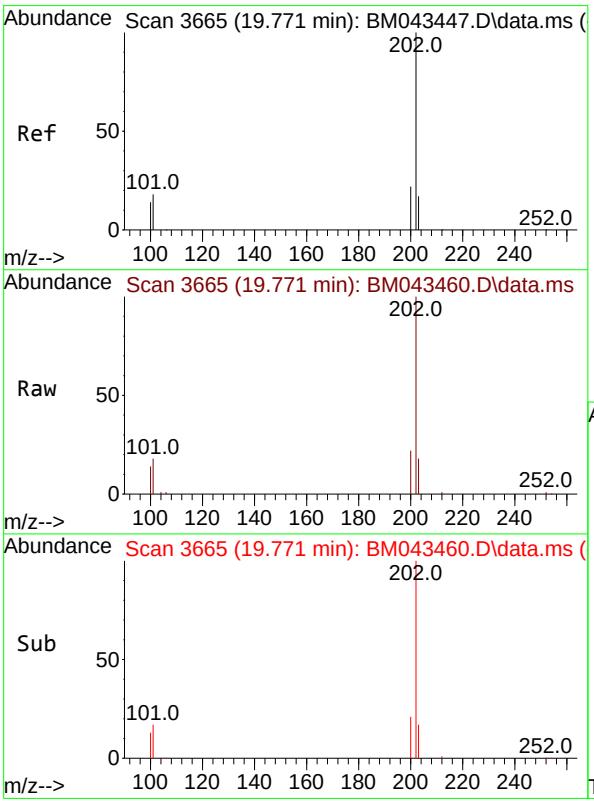
#19
Fluoranthene
Concen: 0.287 ng/ul
RT: 19.408 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:202 Resp: 20047

Ion	Ratio	Lower	Upper
202	100		
101	15.6	10.1	15.1#
100	11.8	7.4	11.2#

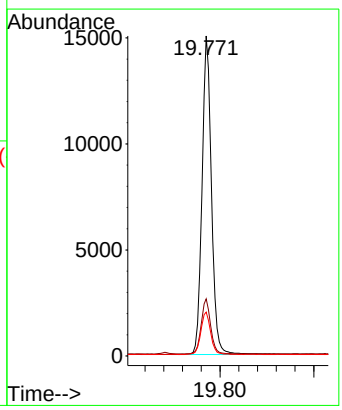


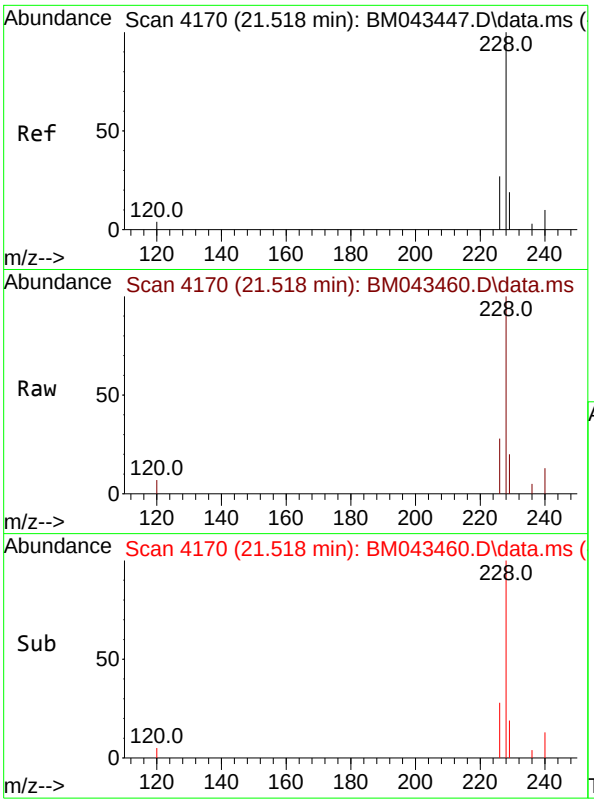


#20
Pyrene
Concen: 0.302 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:202 Resp: 20932

Ion	Ratio	Lower	Upper
202	100		
101	17.9	12.7	19.1
100	13.7	9.8	14.8



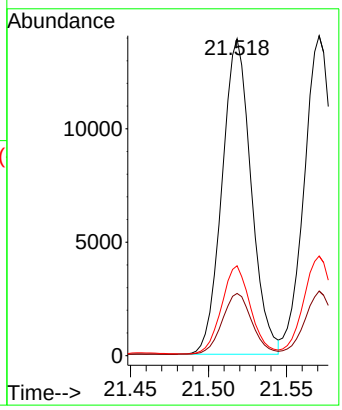


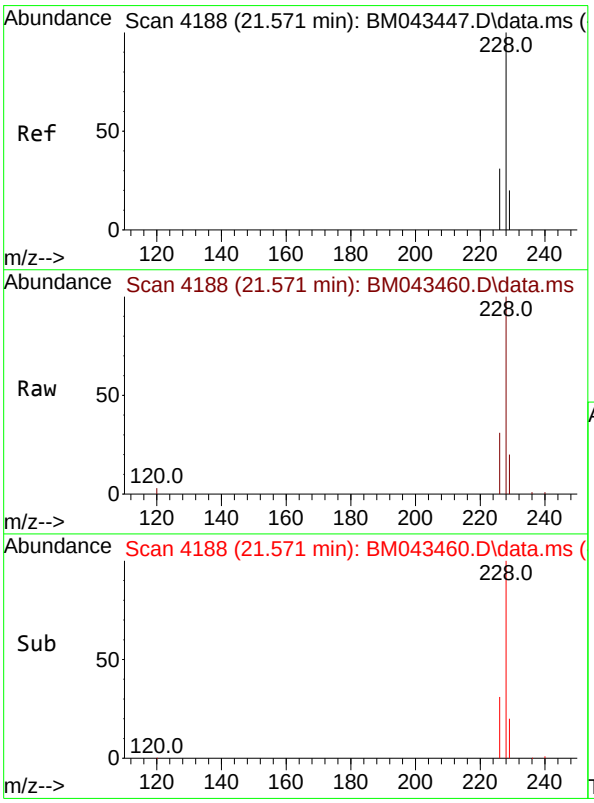
#21
Benzo(a)anthracene
Concen: 0.333 ng/ul
RT: 21.518 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:228 Resp: 18061

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.5	23.3
226	28.4	22.6	34.0

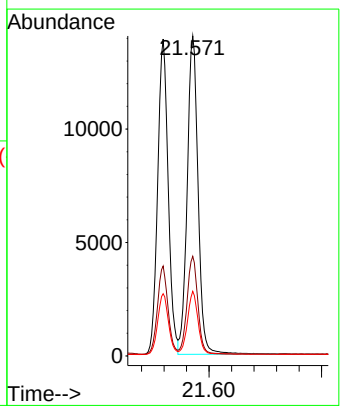


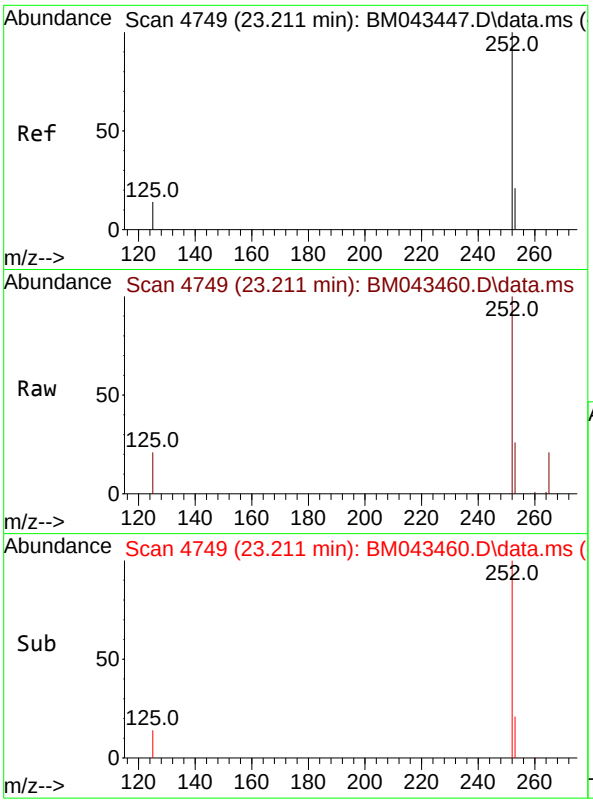


#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:228 Resp: 18782

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.2	15.7	23.5



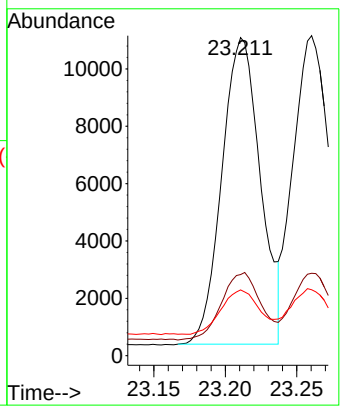


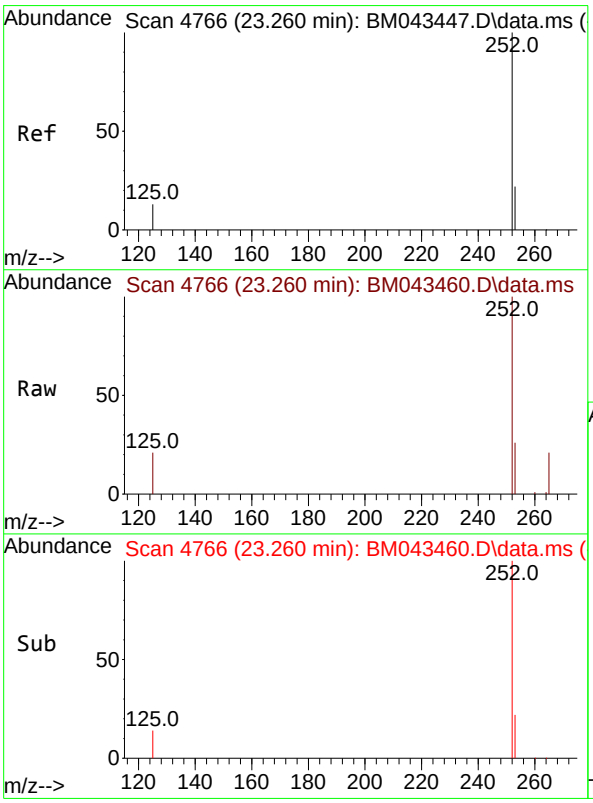
#24
Benzo(b)fluoranthene
Concen: 0.315 ng/ul
RT: 23.211 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:252 Resp: 20073

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	48.8
125	20.7	0.0	29.2

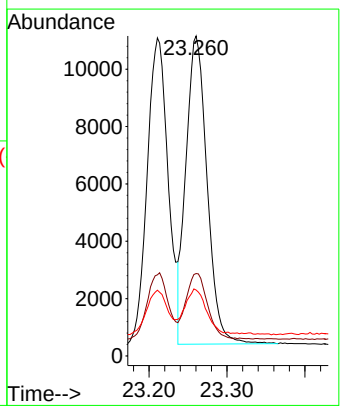


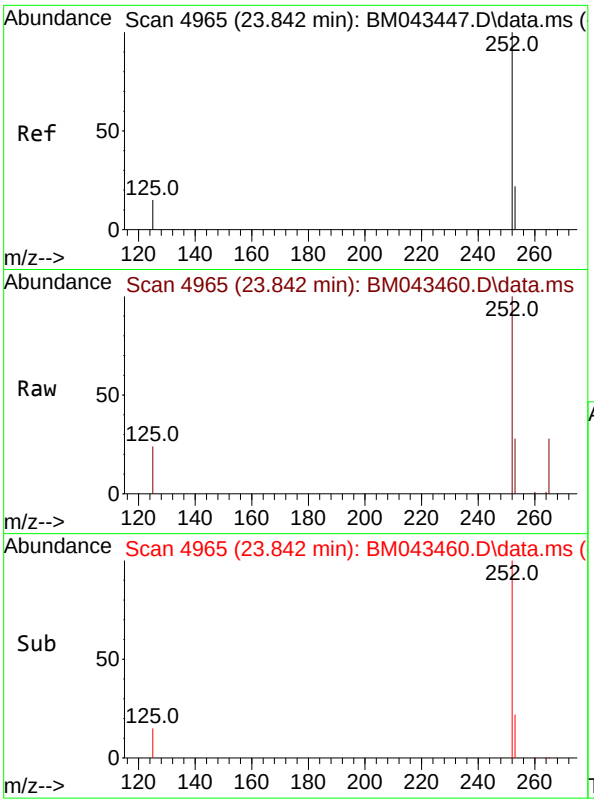


#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:252 Resp: 20242

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.6	28.0
125	20.6	11.8	17.8#



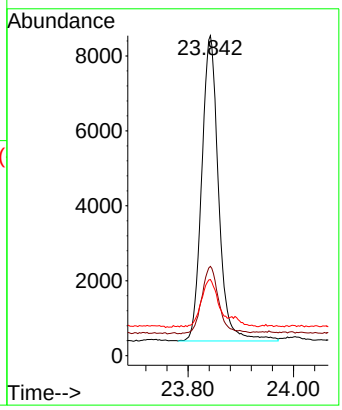


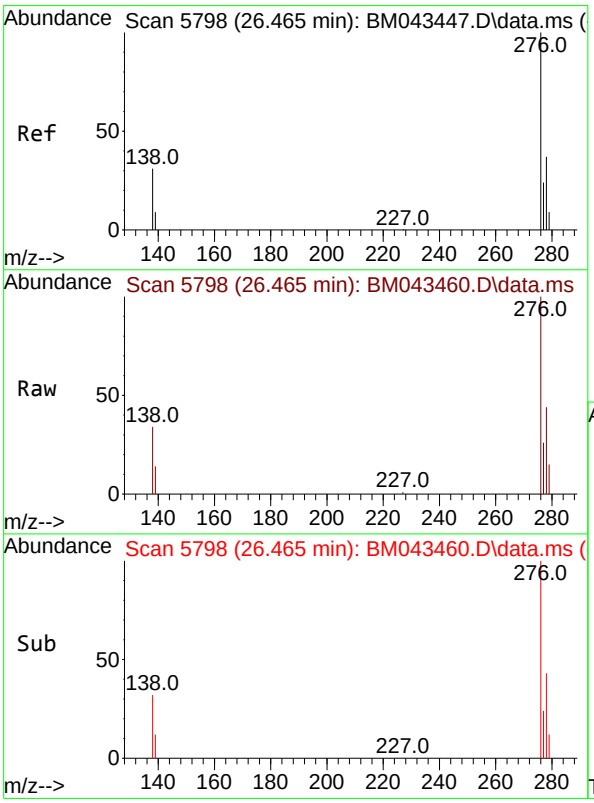
#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.842 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:252 Resp: 18068

Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.2	30.2
125	23.8	13.5	20.3#

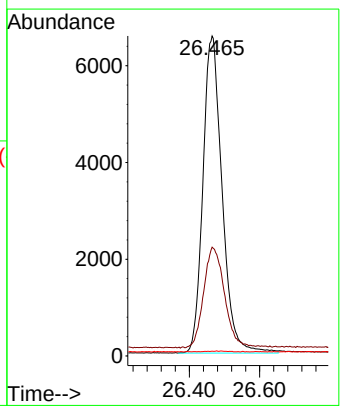


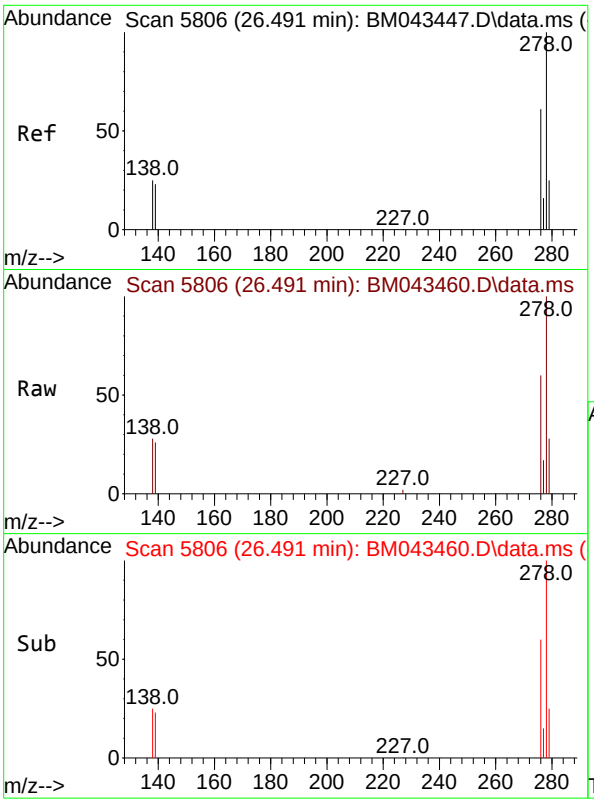


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.011 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:276 Resp: 24811

Ion	Ratio	Lower	Upper
276	100		
138	34.5	24.6	36.8
227	0.0	0.0	0.0#



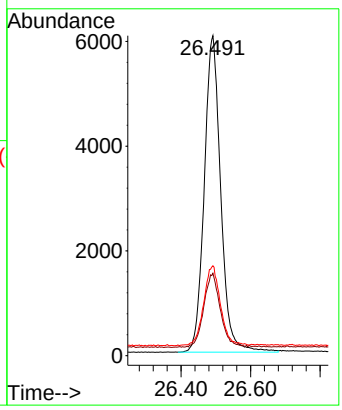


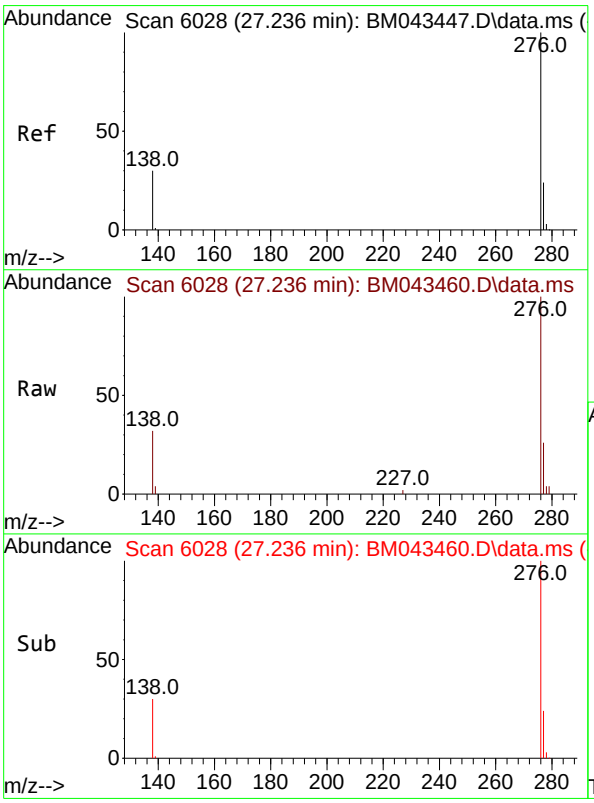
#28
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 26.491 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Instrument :
BNA_M
ClientSampleId :
SLCS898

Tgt Ion:278 Resp: 19890

Ion	Ratio	Lower	Upper
278	100		
139	25.8	17.4	26.2
279	28.1	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.007 min
Lab File: BM043460.D
Acq: 20 Dec 2023 12:16

Tgt Ion:276 Resp: 20820

Ion	Ratio	Lower	Upper
276	100		
138	32.5	23.1	34.7
277	25.7	19.4	29.0