Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043446.D
Acq On : 20 Dec 2023 03:17
Operator : MA/JU
Sample : PB157889BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS889

Quant Time: Dec 20 04:05:45 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	6367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	18966	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	9692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.358	188	19820	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	15020	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	17130	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	5731	0.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	9392	0.349	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	18550	0.346	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	17068	2.115	ng/ul#	78
5) Naphthalene	10.840	128	18656	0.327	ng/ul	99
7) 2-Methylnaphthalene	12.451	142	11496	0.312	ng/ul	100
8) 1-Methylnaphthalene	12.665	142	11243	0.305	ng/ul	99
10) Acenaphthylene	14.338	152	17512	0.328	ng/ul	99
11) Acenaphthene	14.675	153	12619	0.325	ng/ul	99
12) Fluorene	15.661	166	13906	0.316	ng/ul	98
14) Pentachlorophenol	17.008	266	3544	0.807	ng/ul	98
15) Phenanthrene	17.400	178	22310	0.338	ng/ul	100
16) Anthracene	17.493	178	20730	0.345	ng/ul	100
19) Fluoranthene	19.413	202	26559	0.313	ng/ul#	27
20) Pyrene	19.771	202	27004	0.321	ng/ul#	95
21) Benzo(a)anthracene	21.518	228	23233	0.352	ng/ul	99
22) Chrysene	21.571	228	23493	0.338	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	24594	0.316	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	25446	0.316	ng/ul#	92
26) Benzo(a)pyrene	23.842	252	22769	0.355	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.465	276	29959	0.410	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.491	278	24035	0.415	ng/ul	97
29) Benzo(g,h,i)perylene	27.236	276	24922	0.400	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
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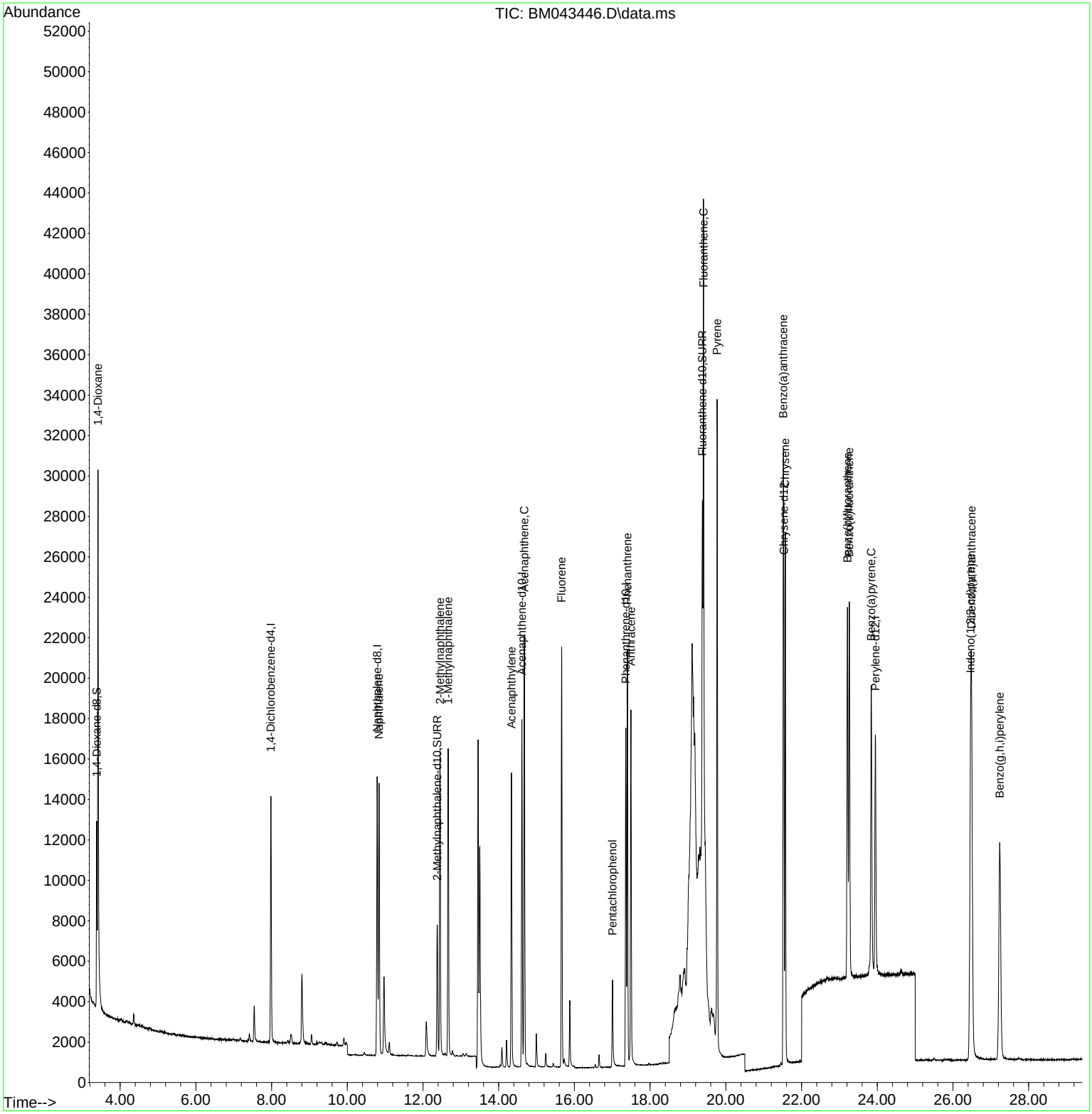
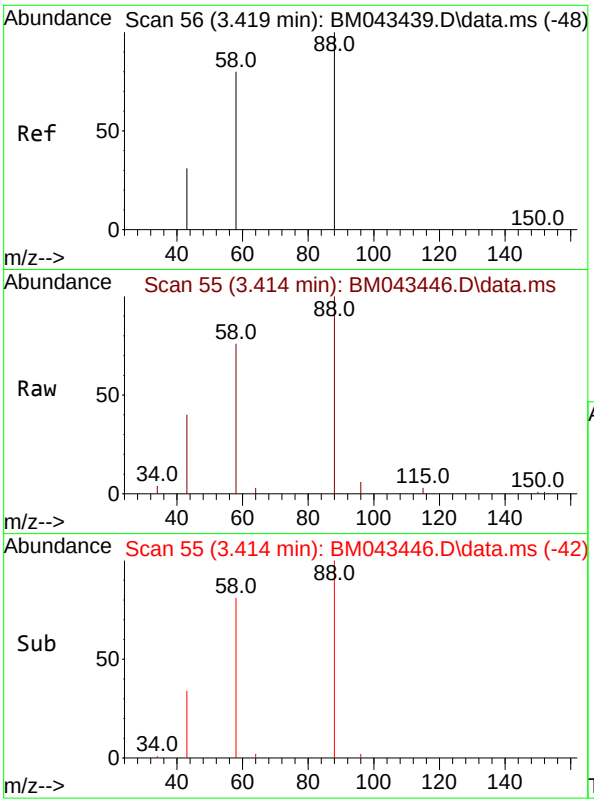
Quant Time: Dec 20 04:05:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration



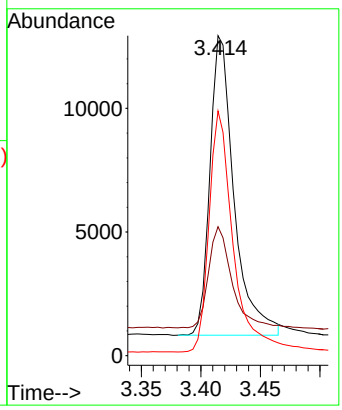


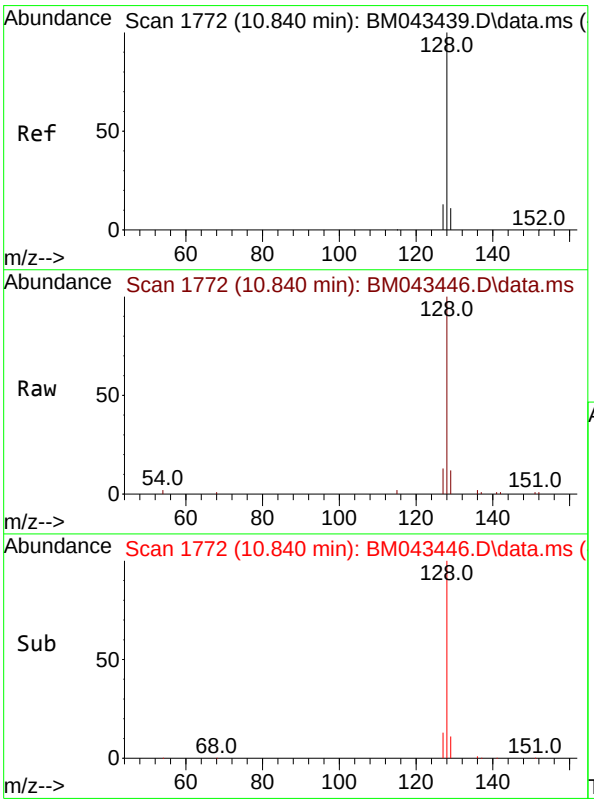
#2
1,4-Dioxane
Concen: 2.115 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion: 88 Resp: 17068

Ion	Ratio	Lower	Upper
88	100		
43	40.3	27.9	41.9
58	76.5	43.4	65.2#

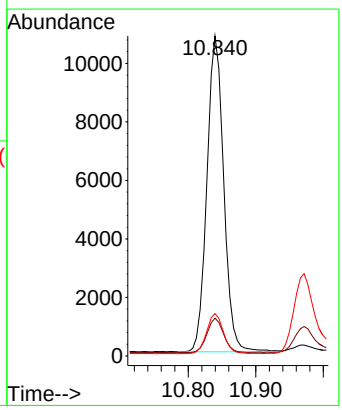


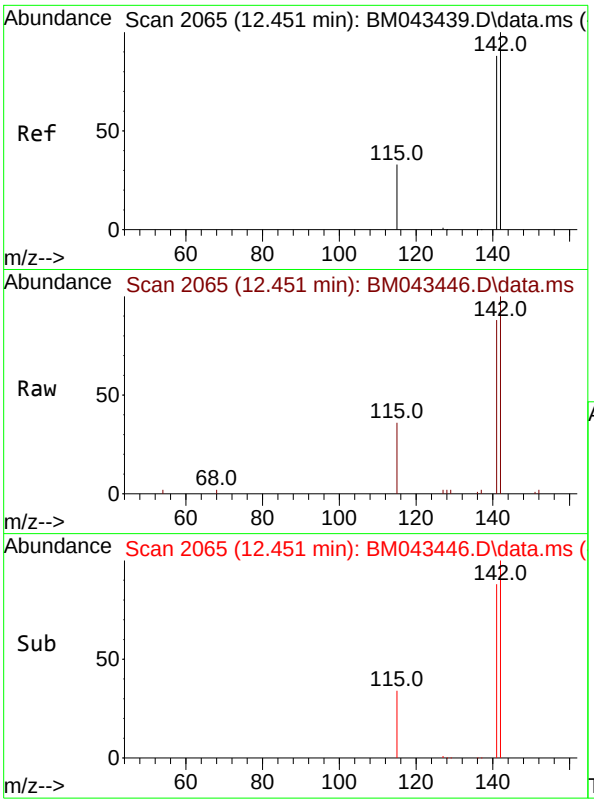


#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:128 Resp: 18656

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	13.2	10.3	15.5



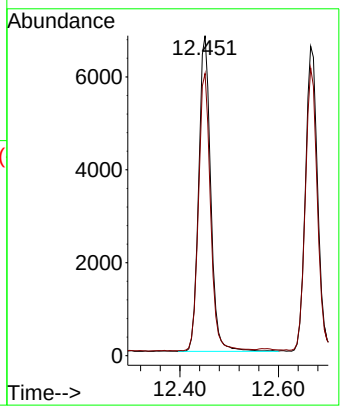


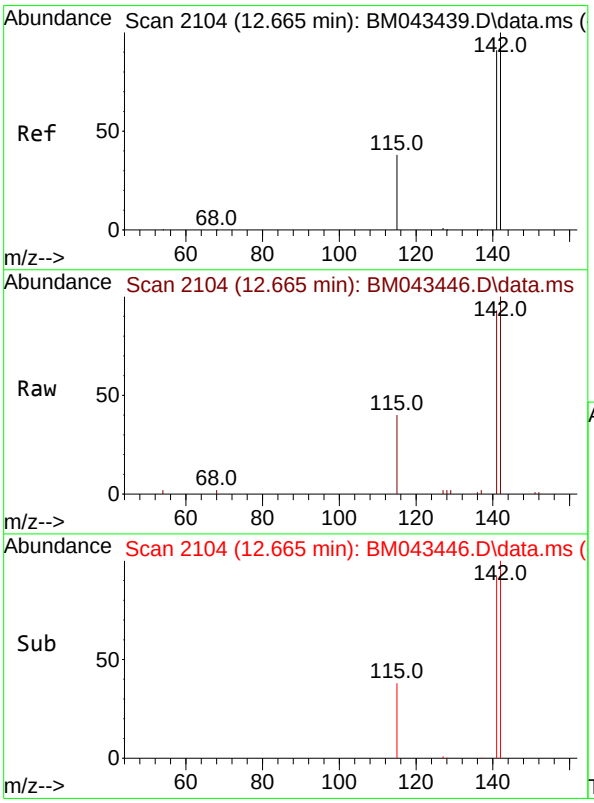
#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.451 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:142 Resp: 11496

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.9	106.3

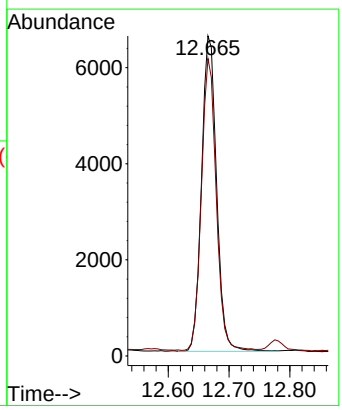


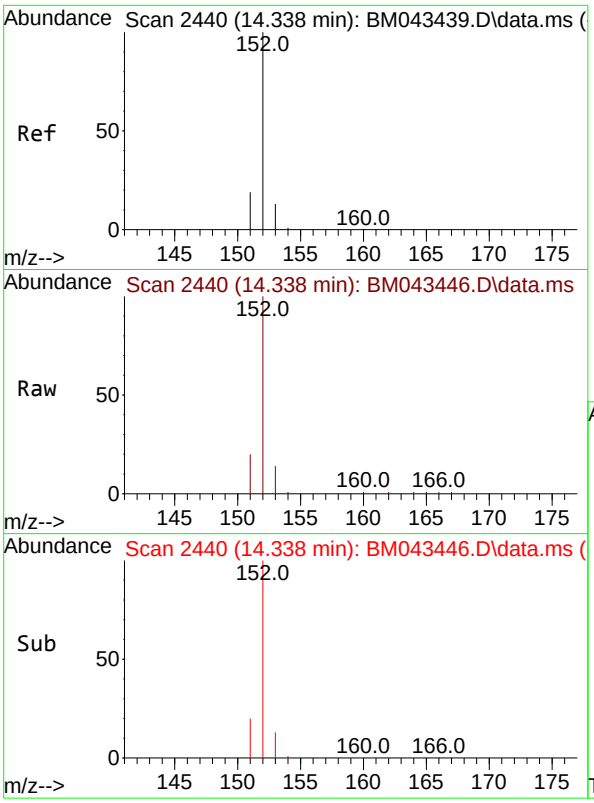


#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:142 Resp: 11243

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.7	110.5



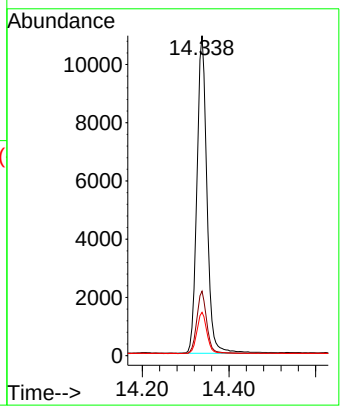


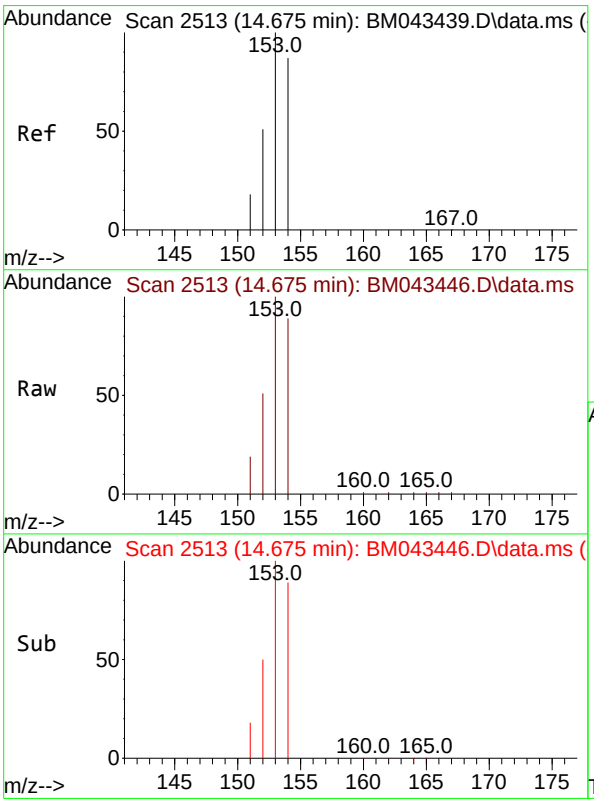
#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.338 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:152 Resp: 17512

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.6	10.4	15.6

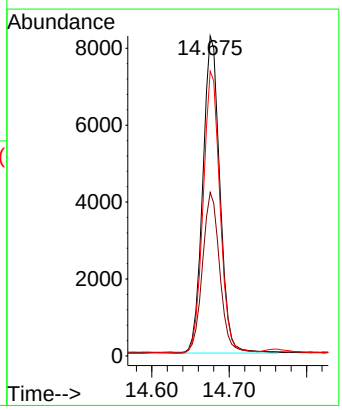


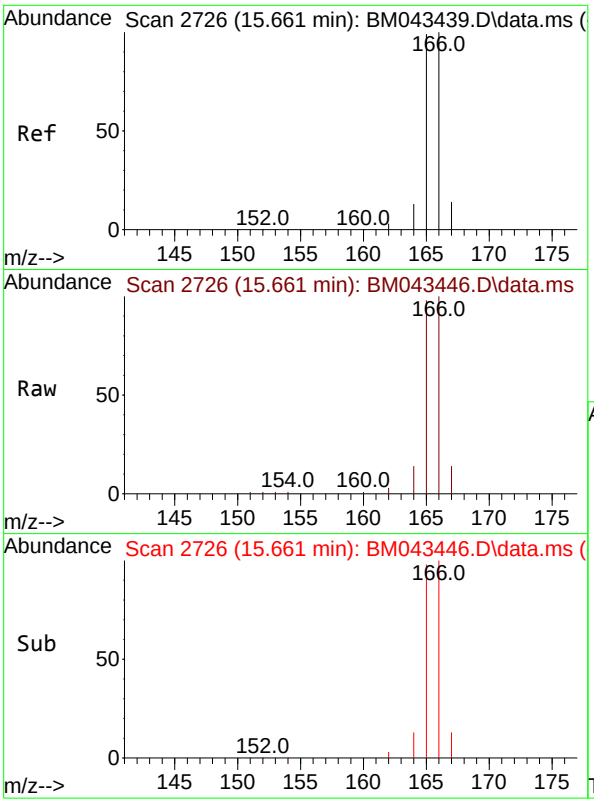


#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.675 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:153 Resp: 12619

Ion	Ratio	Lower	Upper
153	100		
152	51.1	42.1	63.1
154	89.0	71.3	106.9



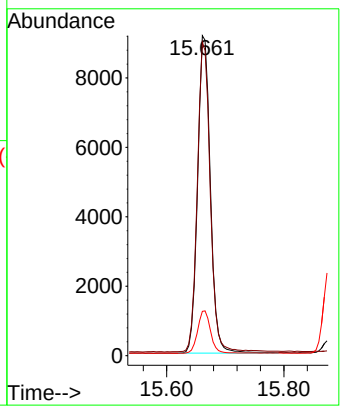


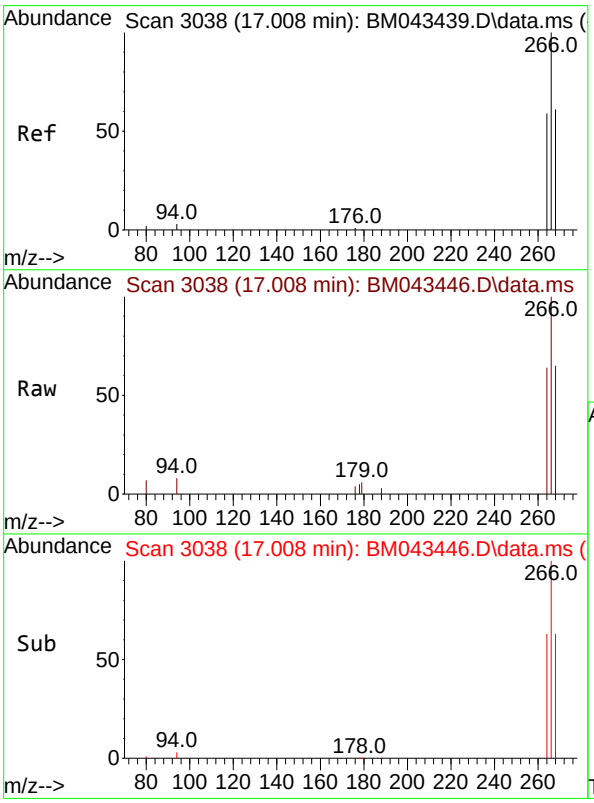
#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.661 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:166 Resp: 13906

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.3	120.5
167	13.9	10.8	16.2

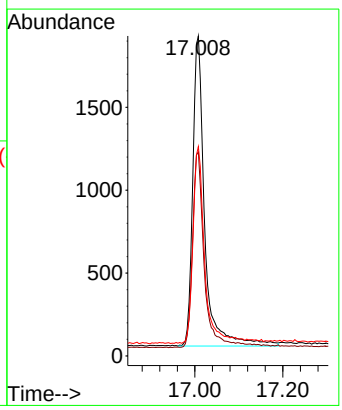


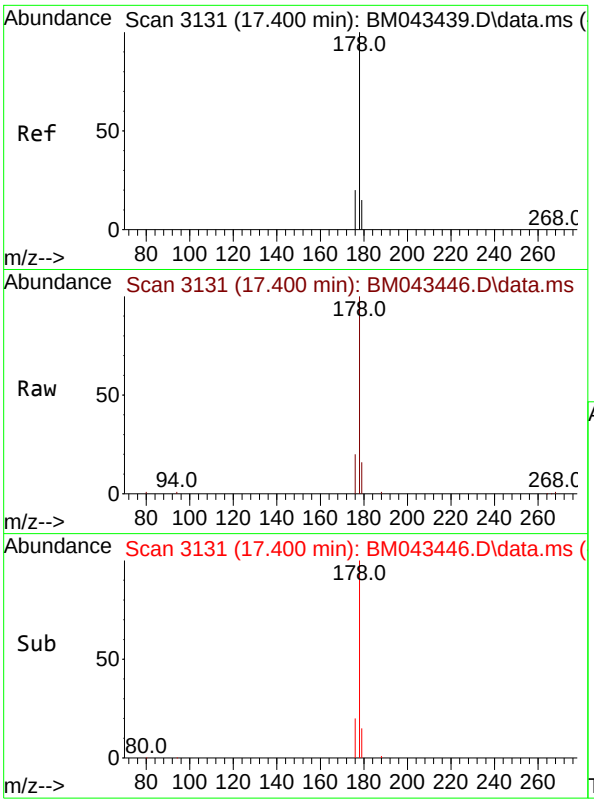


#14
Pentachlorophenol
Concen: 0.807 ng/ul
RT: 17.008 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:266 Resp: 3544

Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.7	77.5
268	63.5	51.9	77.9



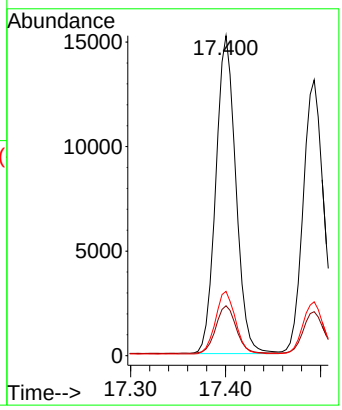


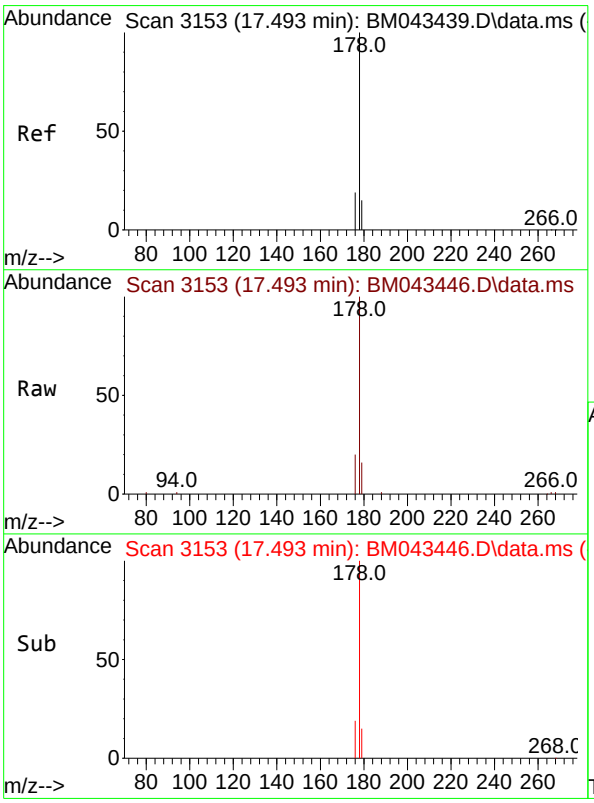
#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.400 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:178 Resp: 22310

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	20.1	16.2	24.2

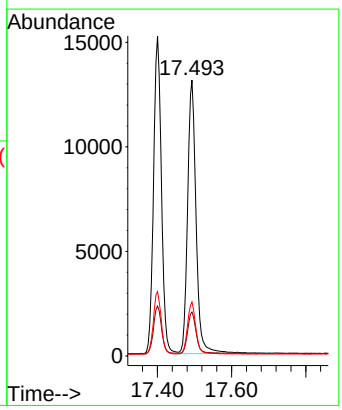


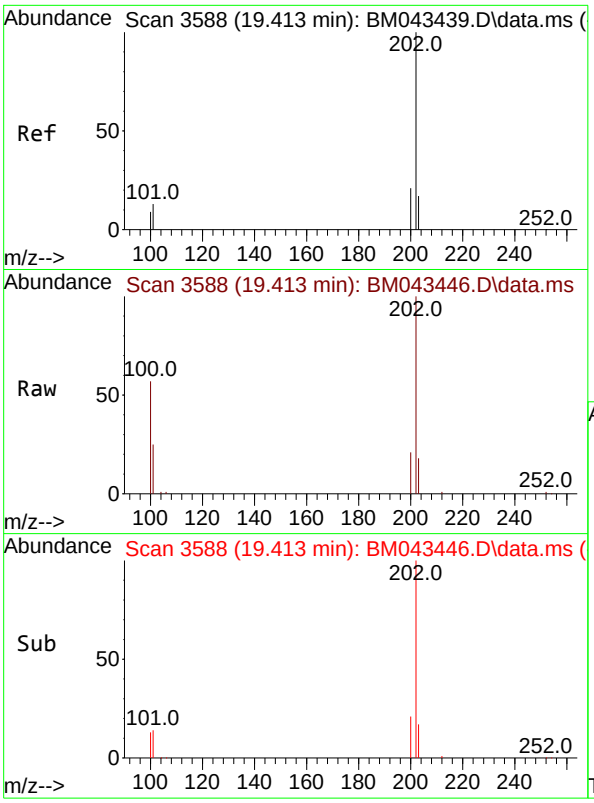


#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.493 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:178 Resp: 20730

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.5	15.6	23.4



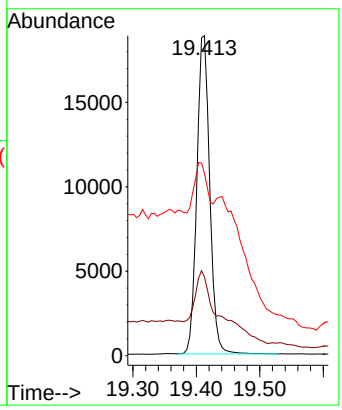


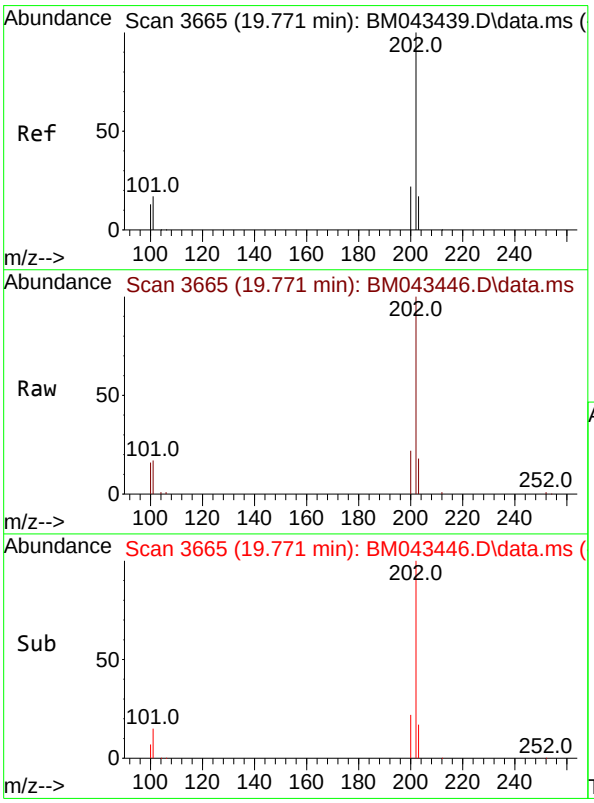
#19
Fluoranthene
Concen: 0.313 ng/ul
RT: 19.413 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:202 Resp: 26559

Ion	Ratio	Lower	Upper
202	100		
101	24.6	10.1	15.1#
100	57.0	7.4	11.2#

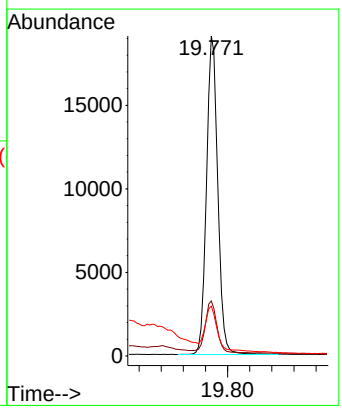


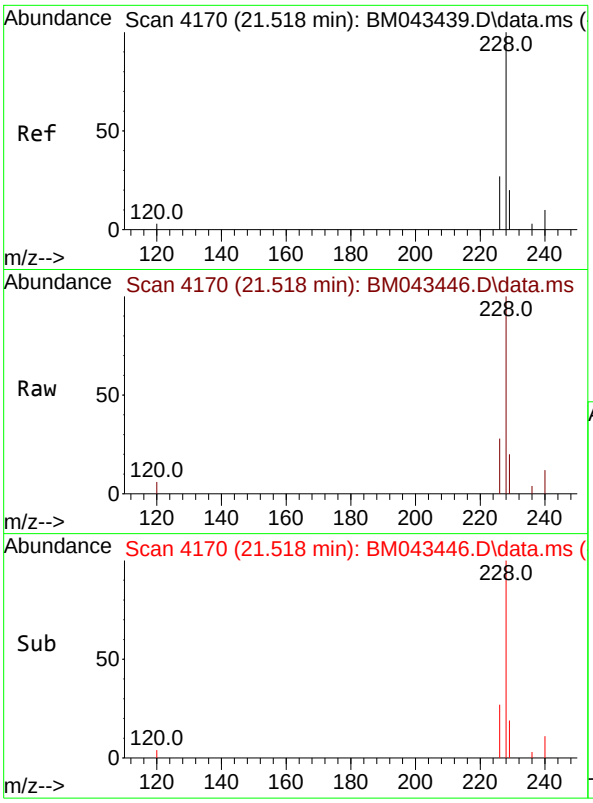


#20
Pyrene
Concen: 0.321 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:202 Resp: 27004

Ion	Ratio	Lower	Upper
202	100		
101	17.2	12.7	19.1
100	15.6	9.8	14.8#



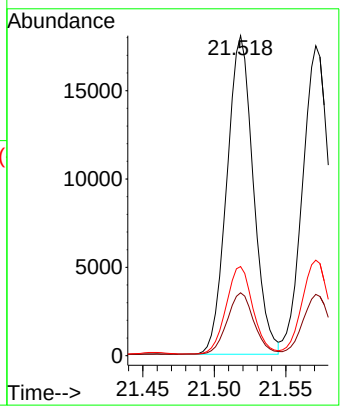


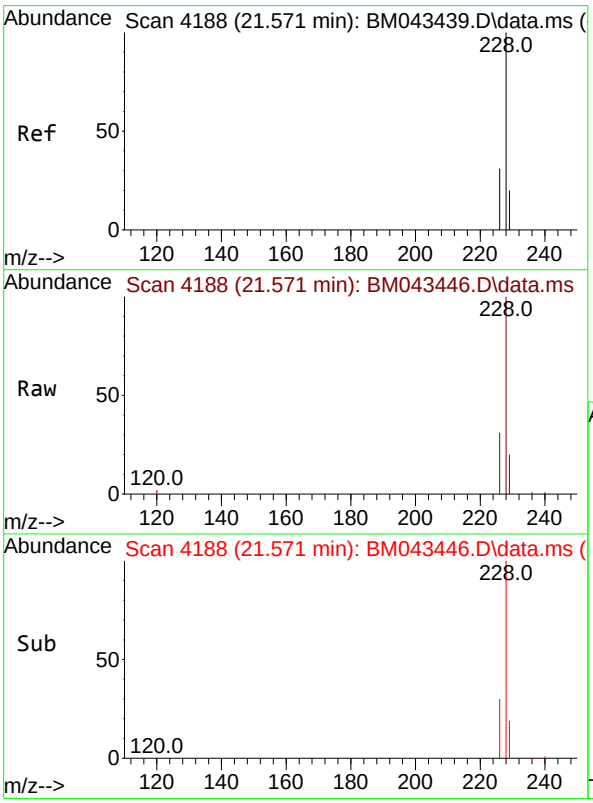
#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.518 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:228 Resp: 23233

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.5	23.3
226	27.8	22.6	34.0

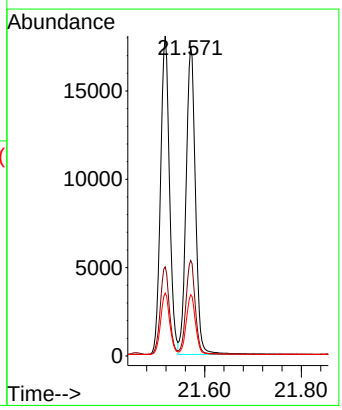


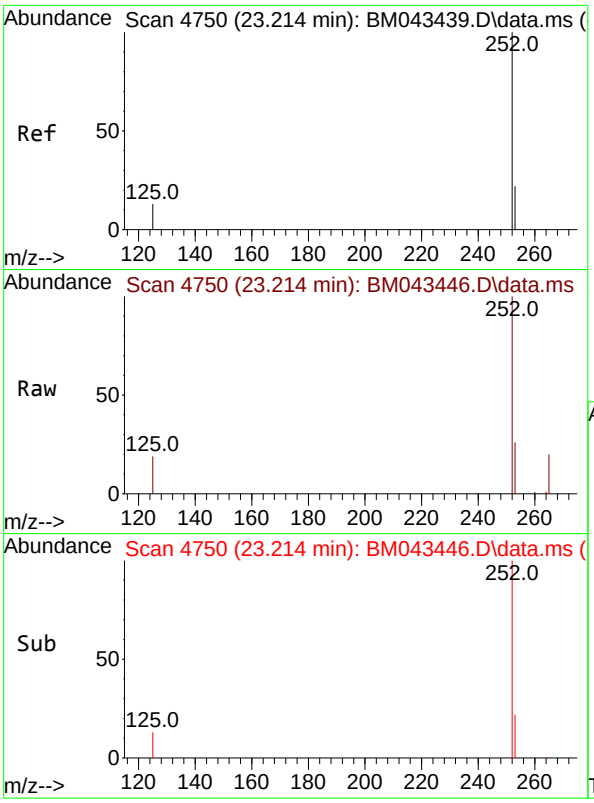


#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. -0.003 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:228 Resp: 23493

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	19.8	15.7	23.5



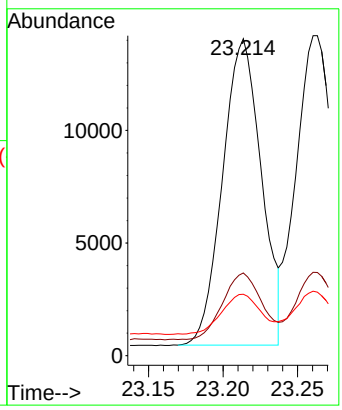


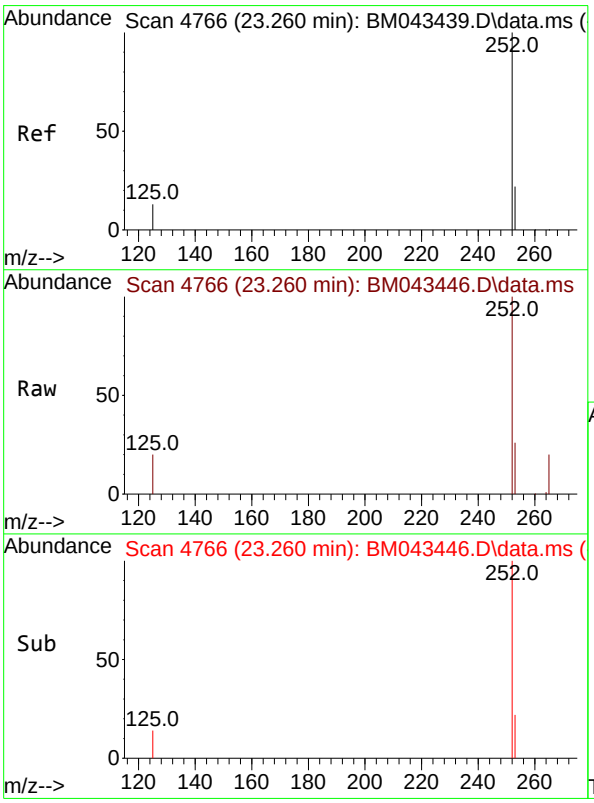
#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.214 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:252 Resp: 24594

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	48.8
125	19.4	0.0	29.2

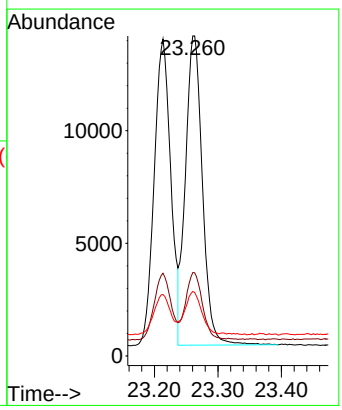


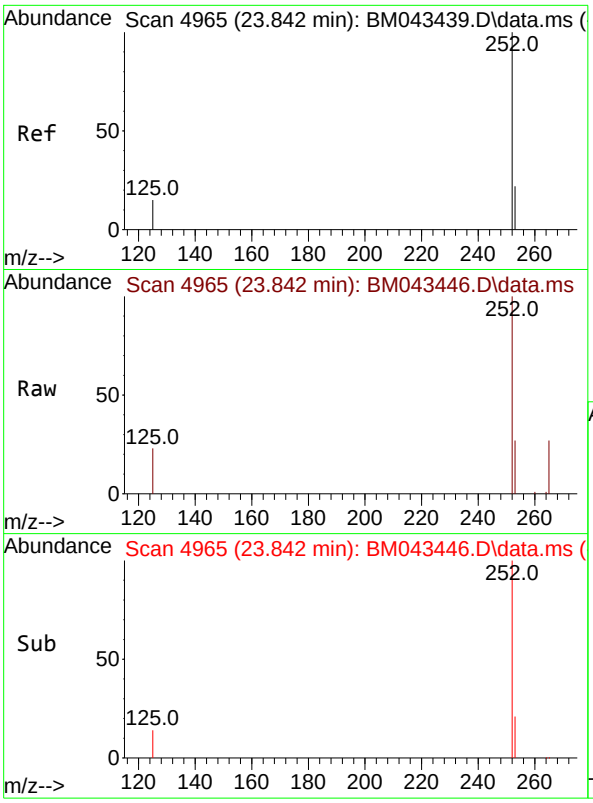


#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:252 Resp: 25446

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.6	28.0
125	20.1	11.8	17.8#



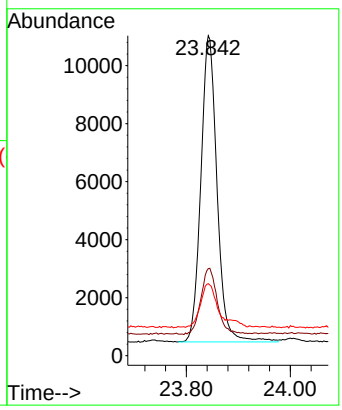


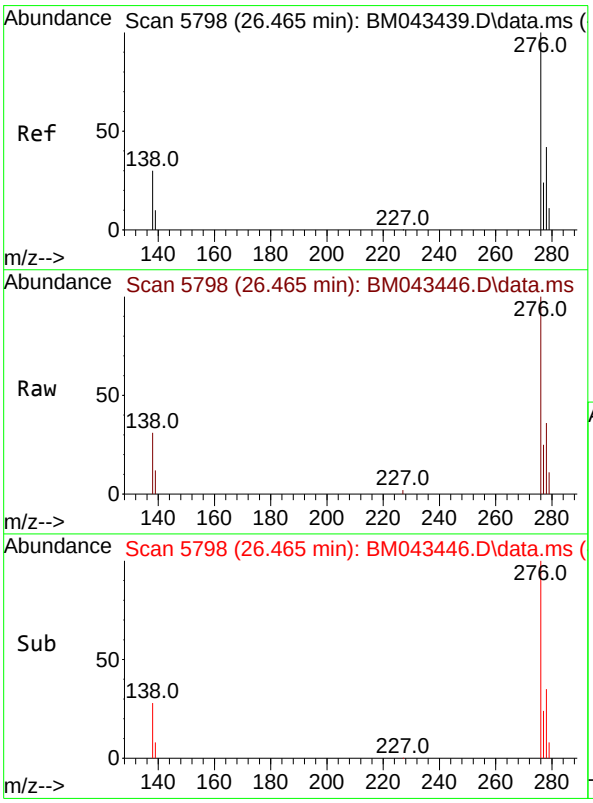
#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.842 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:252 Resp: 22769

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.2	30.2
125	22.5	13.5	20.3#

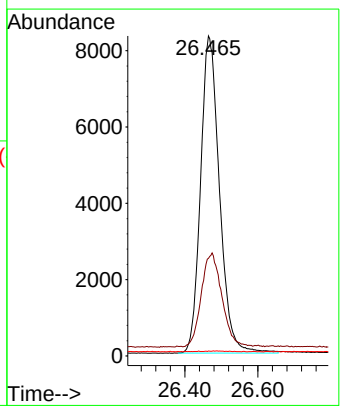


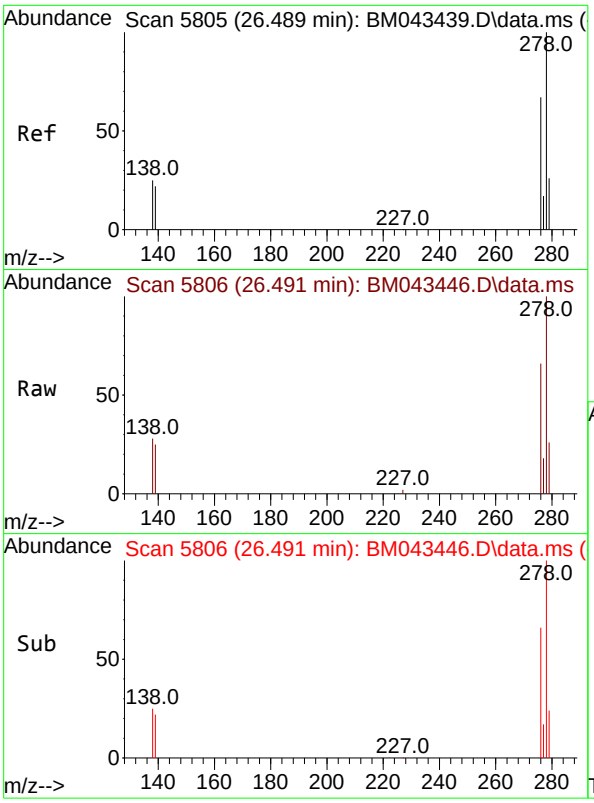


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.011 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:276 Resp: 29959

Ion	Ratio	Lower	Upper
276	100		
138	32.2	24.6	36.8
227	0.0	0.0	0.0#



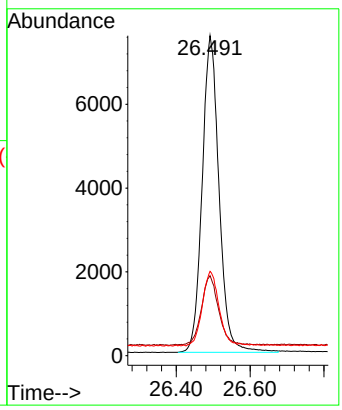


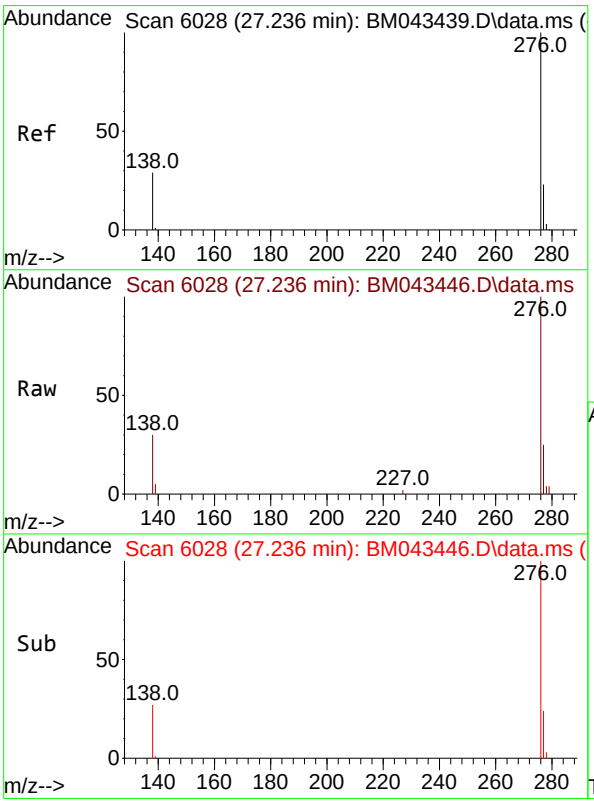
#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 26.491 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Instrument :
BNA_M
ClientSampleId :
SLCS889

Tgt Ion:278 Resp: 24035

Ion	Ratio	Lower	Upper
278	100		
139	25.0	17.4	26.2
279	26.4	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.236 min Scan# 6028
Delta R.T. -0.007 min
Lab File: BM043446.D
Acq: 20 Dec 2023 03:17

Tgt Ion:276 Resp: 24922

Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.1	34.7
277	25.0	19.4	29.0