Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
Data File : BM043851.D
Acq On : 15 Jan 2024 21:36
Operator : MA/JU
Sample : PB158427BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS427

Quant Time: Jan 16 00:42:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	3	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.752	136	11	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.574	164	4	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	17.358	188	39	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	313	0.400	ng/ul	# 0.00
23) Perylene-d12	23.991	264	122	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	4625	1274.950	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	8268	520.046	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	17126	16.923	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	14584	3780.686	ng/ul#	83
5) Naphthalene	10.834	128	16964	537.123	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	10964	528.322	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	10922	518.373	ng/ul	99
10) Acenaphthylene	14.328	152	18811	877.448	ng/ul	99
11) Acenaphthene	14.661	153	13693	878.524	ng/ul	99
12) Fluorene	15.661	166	15584	872.627	ng/ul	99
14) Pentachlorophenol	17.016	266	3925	317.538	ng/ul	100
15) Phenanthrene	17.400	178	23981	193.602	ng/ul	98
16) Anthracene	17.498	178	23334	197.862	ng/ul	99
19) Fluoranthene	19.413	202	27322	17.631	ng/ul	98
20) Pyrene	19.775	202	28265	17.510	ng/ul	98
21) Benzo(a)anthracene	21.533	228	20659	15.210	ng/ul	100
22) Chrysene	21.583	228	25097	17.156	ng/ul	99
24) Benzo(b)fluoranthene	23.231	252	18067	36.334	ng/ul	97
25) Benzo(k)fluoranthene	23.281	252	24763	45.150	ng/ul#	95
26) Benzo(a)pyrene	23.874	252	21786	46.755	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.502	276	26920	45.678	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.522	278	20583	45.082	ng/ul	97
29) Benzo(g,h,i)perylene	27.273	276	22563	45.781	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011624\
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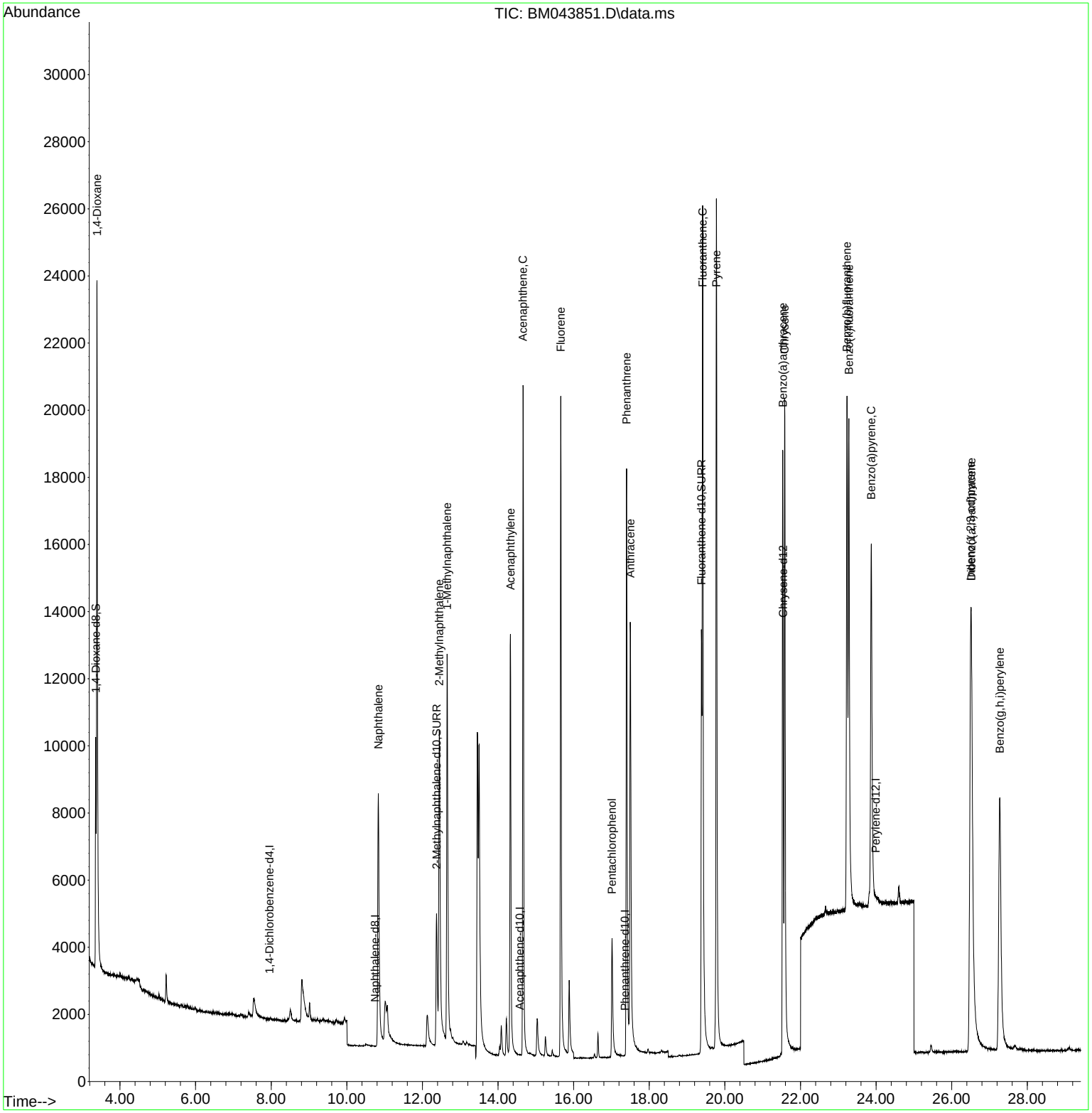
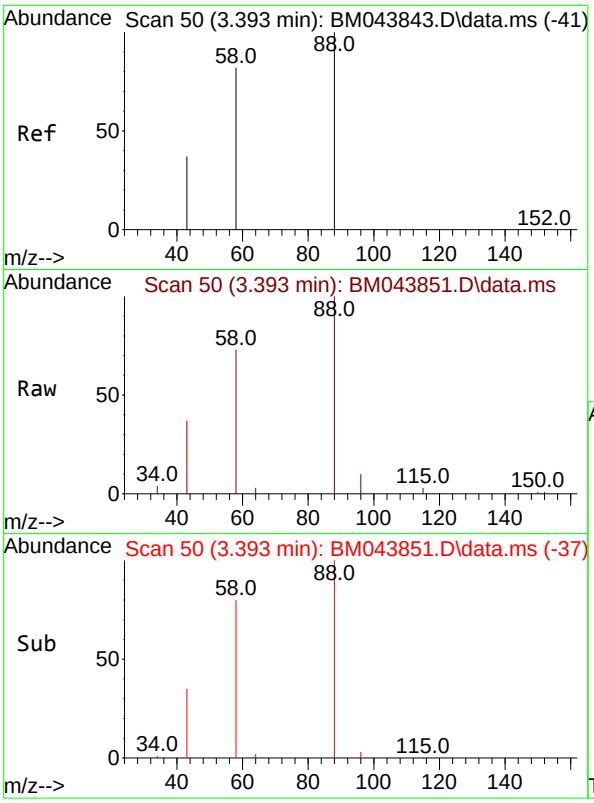
Quant Time: Jan 16 00:42:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 10 15:40:11 2024
Response via : Initial Calibration



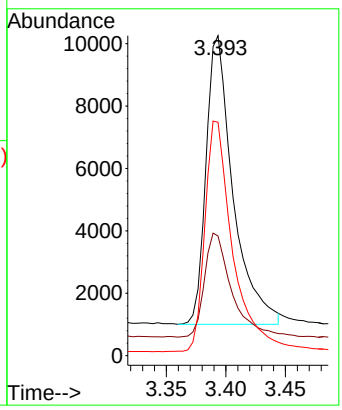


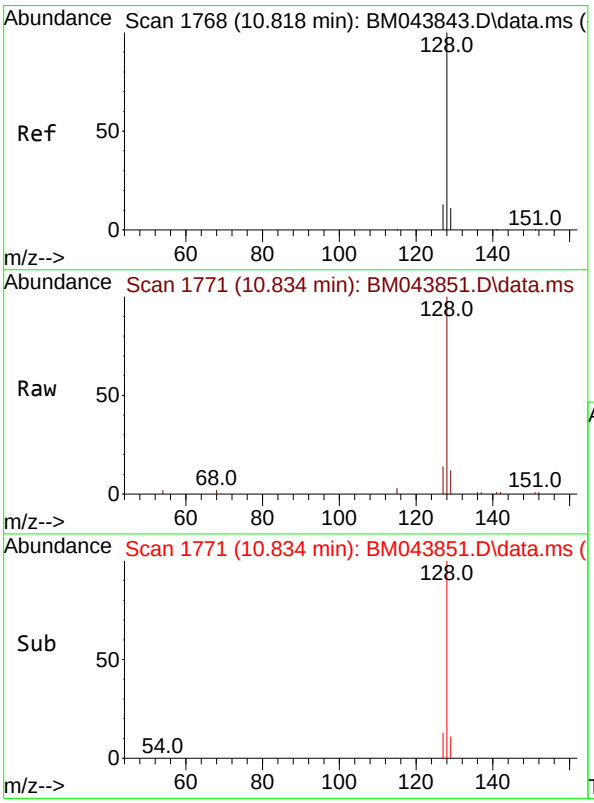
#2
1,4-Dioxane
Concen: 3780.686 ng/ul
RT: 3.393 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion: 88 Resp: 14584

Ion	Ratio	Lower	Upper
88	100		
43	37.4	42.1	63.1#
58	72.9	50.2	75.2

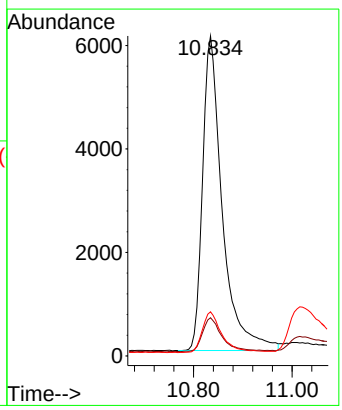


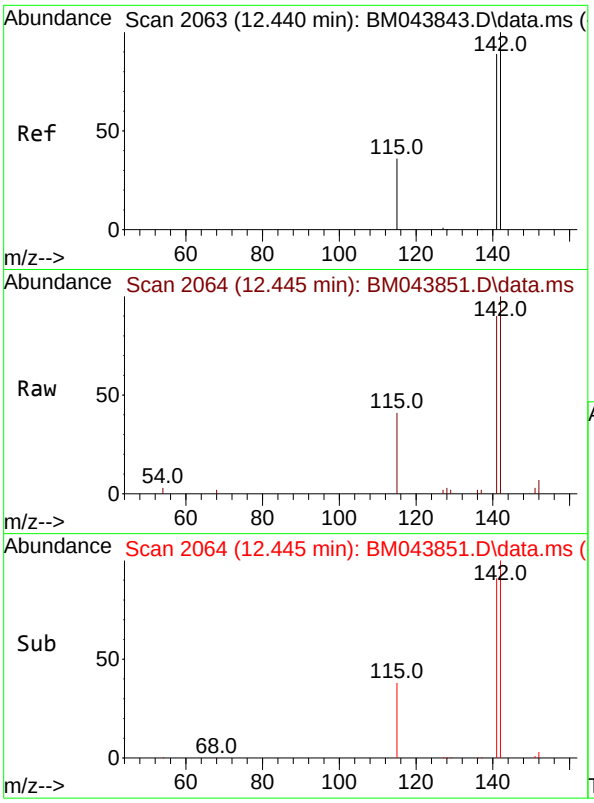


#5
Naphthalene
Concen: 537.123 ng/ul
RT: 10.834 min Scan# 1771
Delta R.T. 0.011 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:128 Resp: 16964

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.8	10.6	15.8



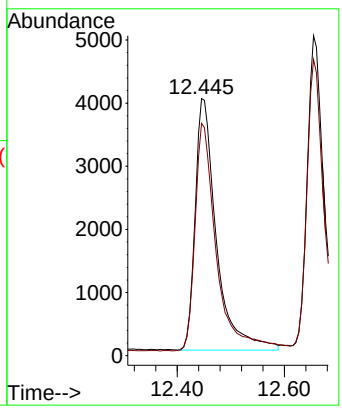


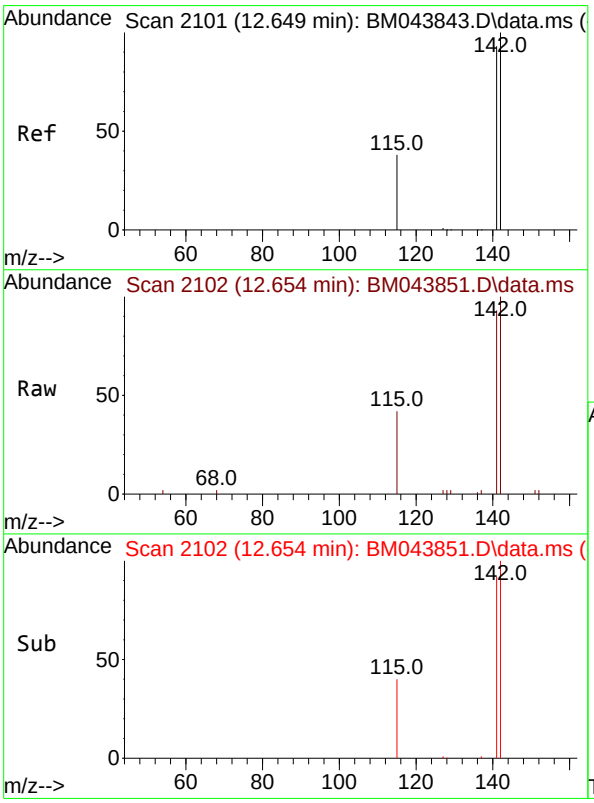
#7
2-Methylnaphthalene
Concen: 528.322 ng/ul
RT: 12.445 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:142 Resp: 10964

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.7	109.1

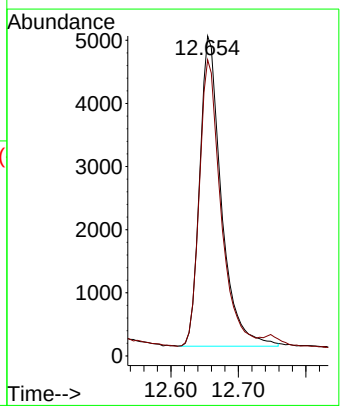


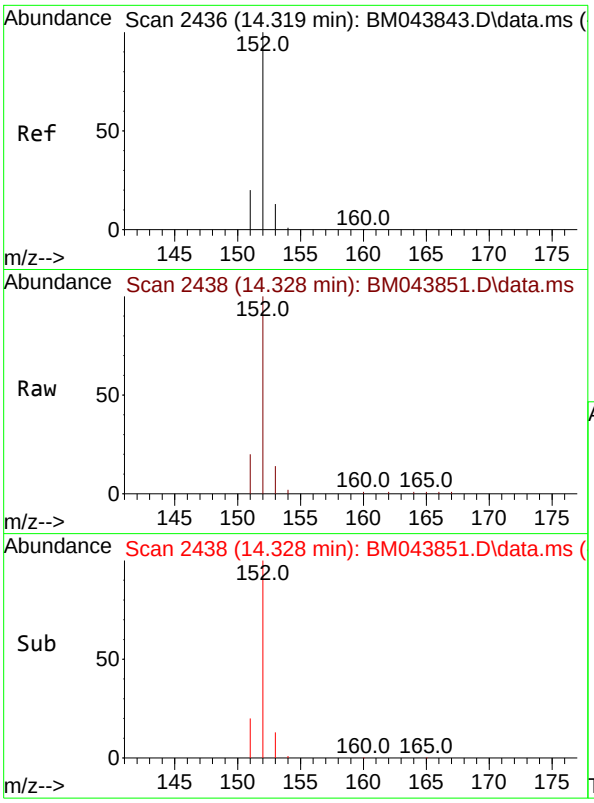


#8
1-Methylnaphthalene
Concen: 518.373 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:142 Resp: 10922

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.0	109.6



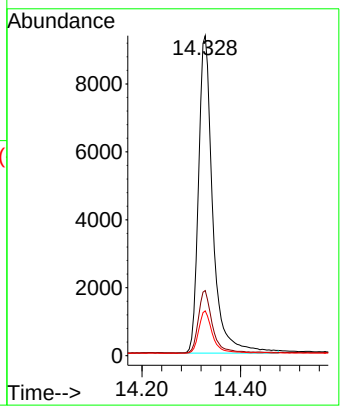


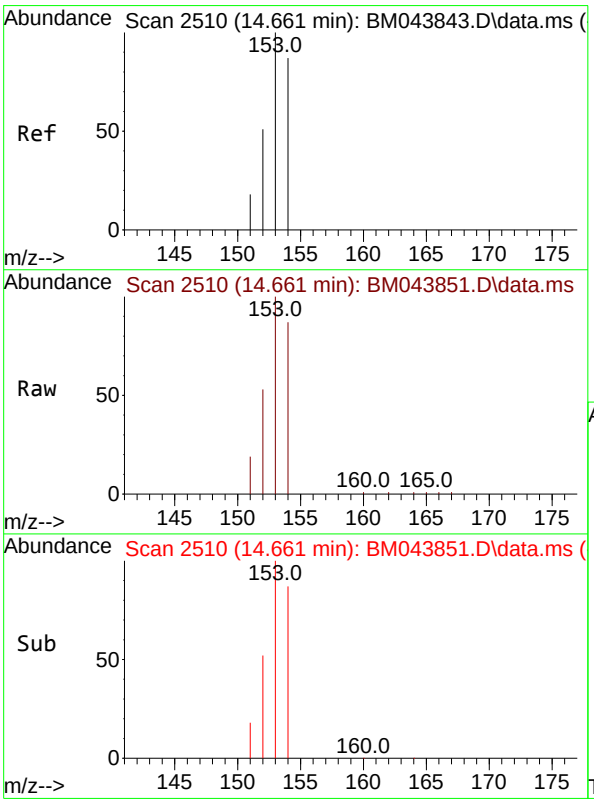
#10
Acenaphthylene
Concen: 877.448 ng/ul
RT: 14.328 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:152 Resp: 18811

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	14.0	10.6	16.0

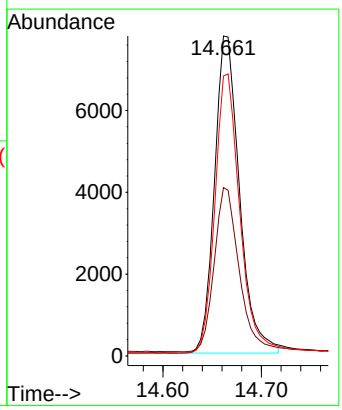


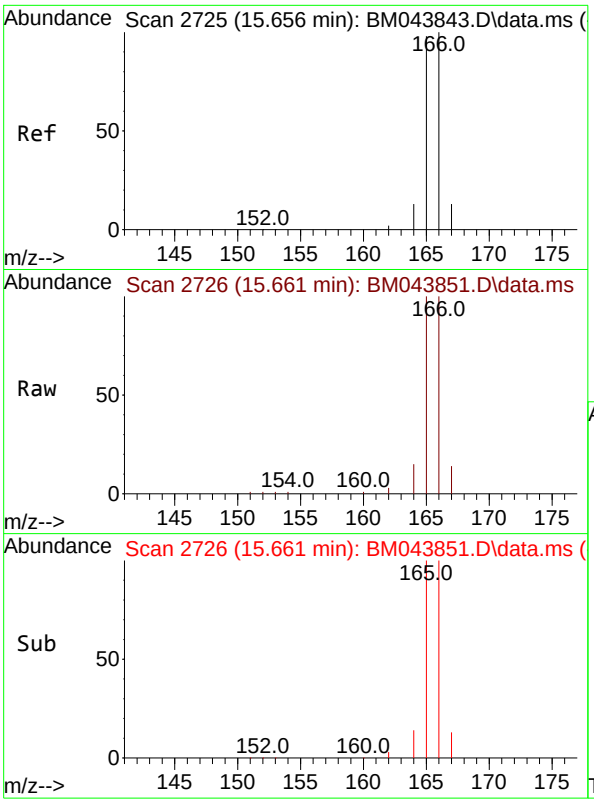


#11
Acenaphthene
Concen: 878.524 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:153 Resp: 13693

Ion	Ratio	Lower	Upper
153	100		
152	52.6	40.6	61.0
154	87.5	69.4	104.2



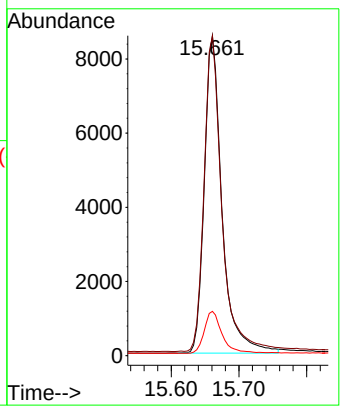


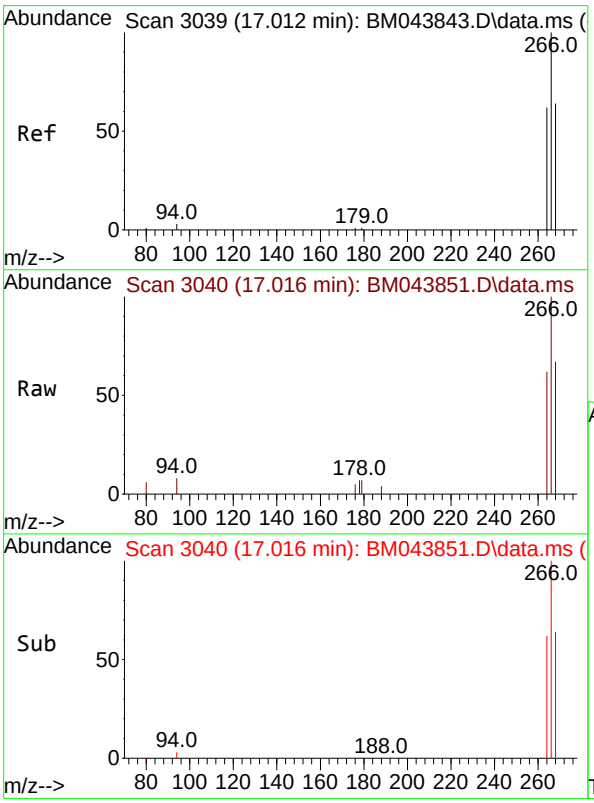
#12
Fluorene
Concen: 872.627 ng/ul
RT: 15.661 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:166 Resp: 15584

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.4	119.2
167	13.8	11.1	16.7

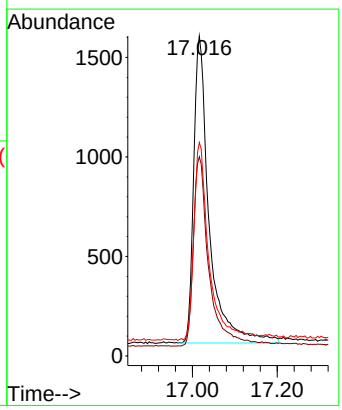


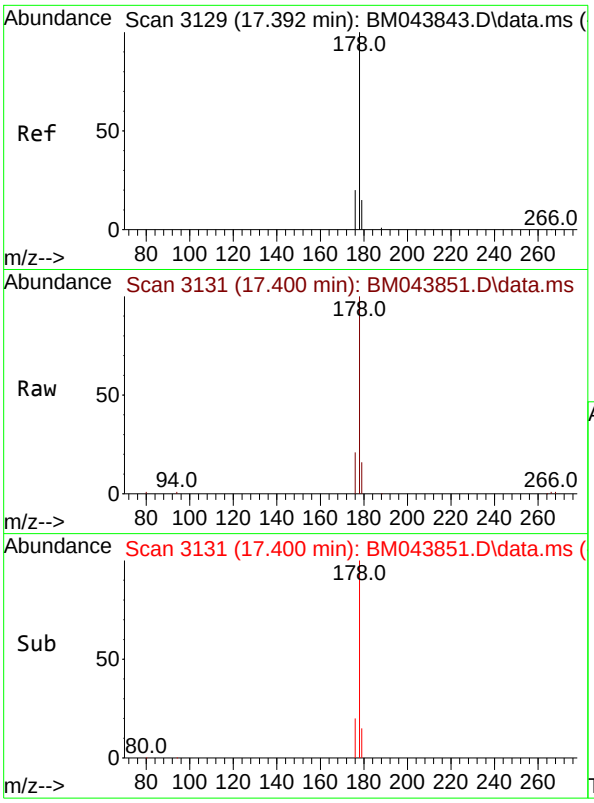


#14
Pentachlorophenol
Concen: 317.538 ng/ul
RT: 17.016 min Scan# 3040
Delta R.T. 0.000 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:266 Resp: 3925

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.4	75.6
268	65.3	52.2	78.2



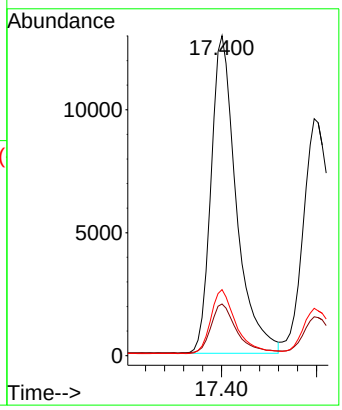


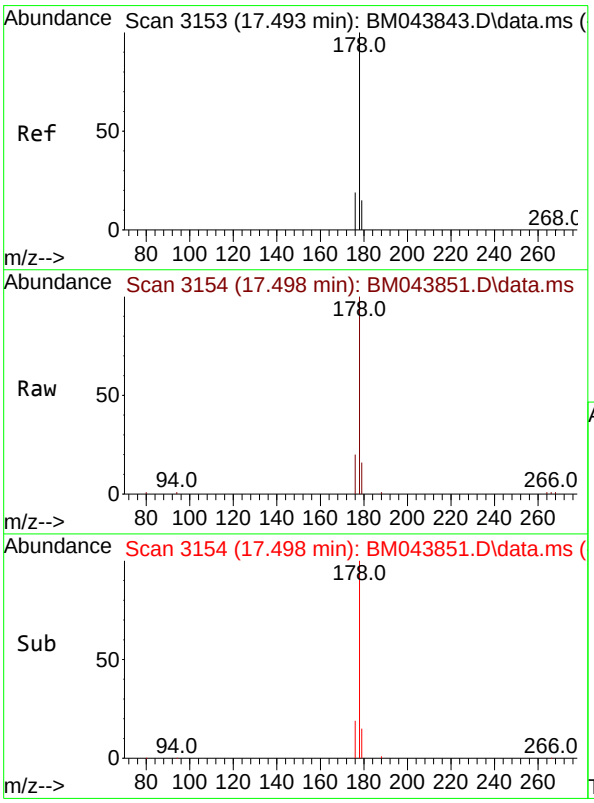
#15
Phenanthrene
Concen: 193.602 ng/ul
RT: 17.400 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:178 Resp: 23981

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	20.7	15.9	23.9

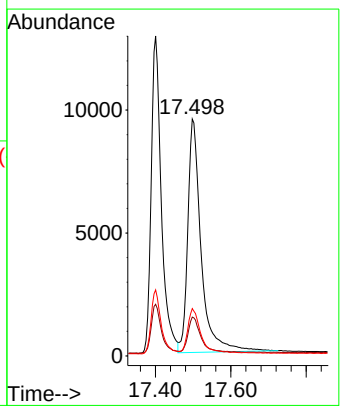


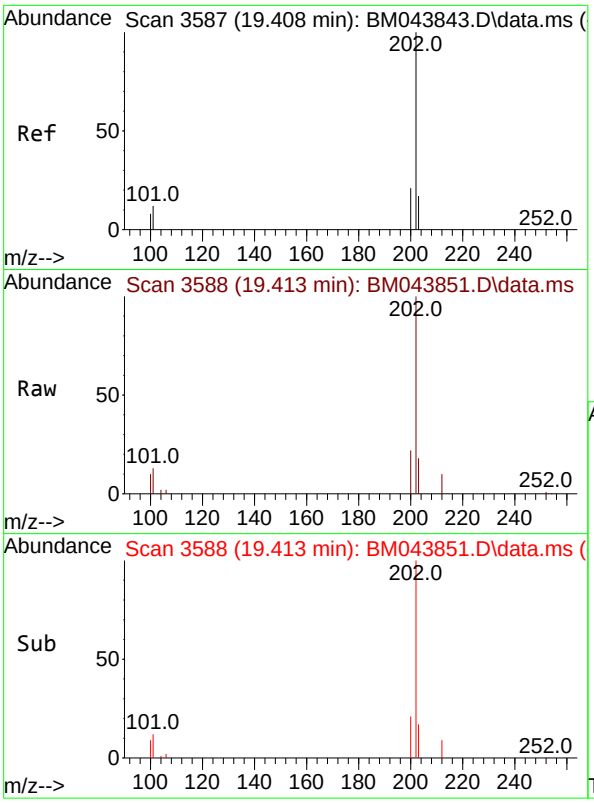


#16
Anthracene
Concen: 197.862 ng/ul
RT: 17.498 min Scan# 3154
Delta R.T. 0.004 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:178 Resp: 23334

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	20.0	15.6	23.4



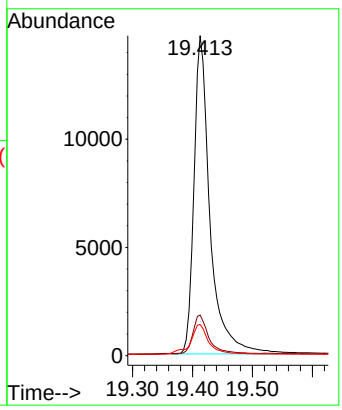


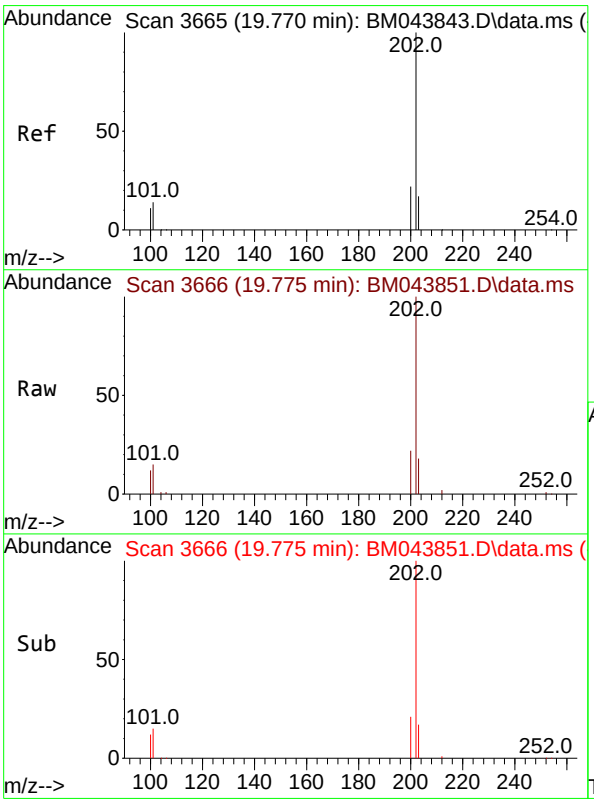
#19
Fluoranthene
Concen: 17.631 ng/ul
RT: 19.413 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:202 Resp: 27322

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
100	9.8	7.1	10.7

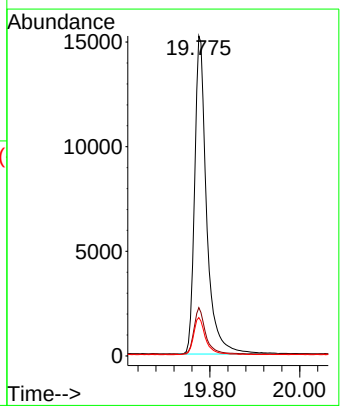


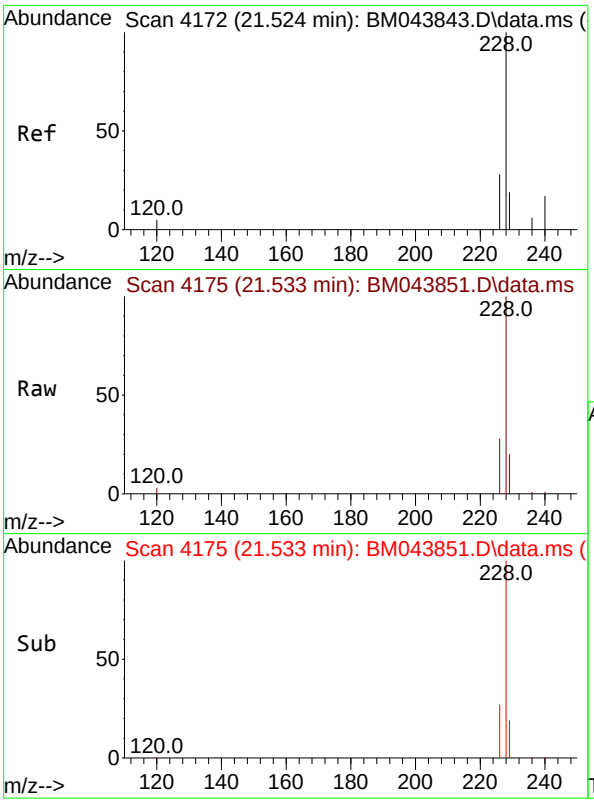


#20
Pyrene
Concen: 17.510 ng/ul
RT: 19.775 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:202 Resp: 28265

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.3	16.9
100	12.0	9.0	13.6



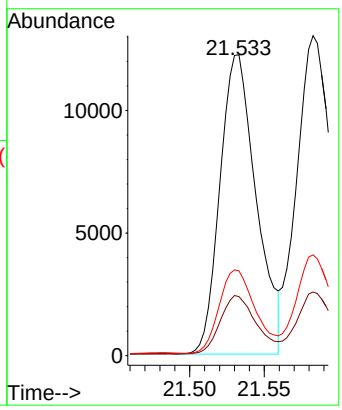


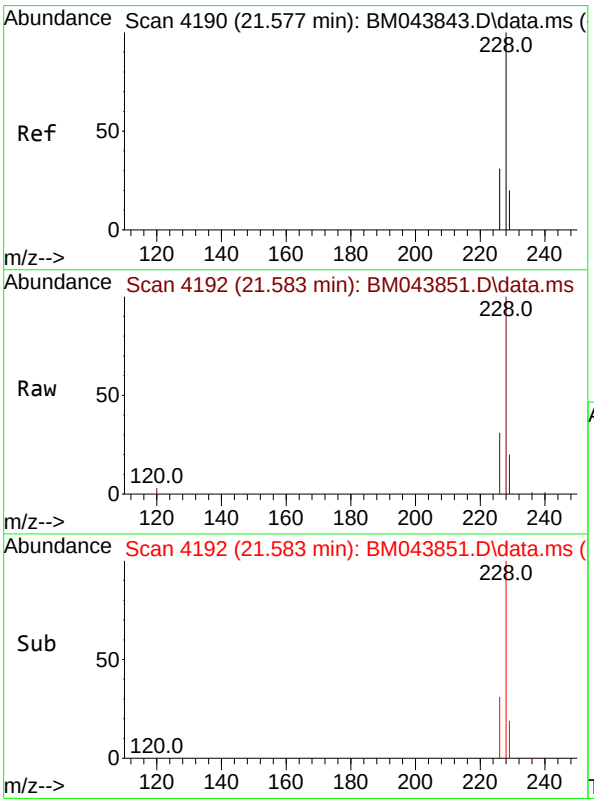
#21
Benzo(a)anthracene
Concen: 15.210 ng/ul
RT: 21.533 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:228 Resp: 20659

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	28.2	22.5	33.7

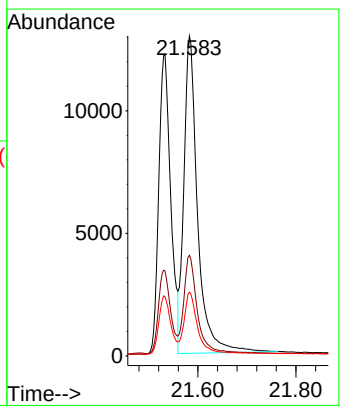


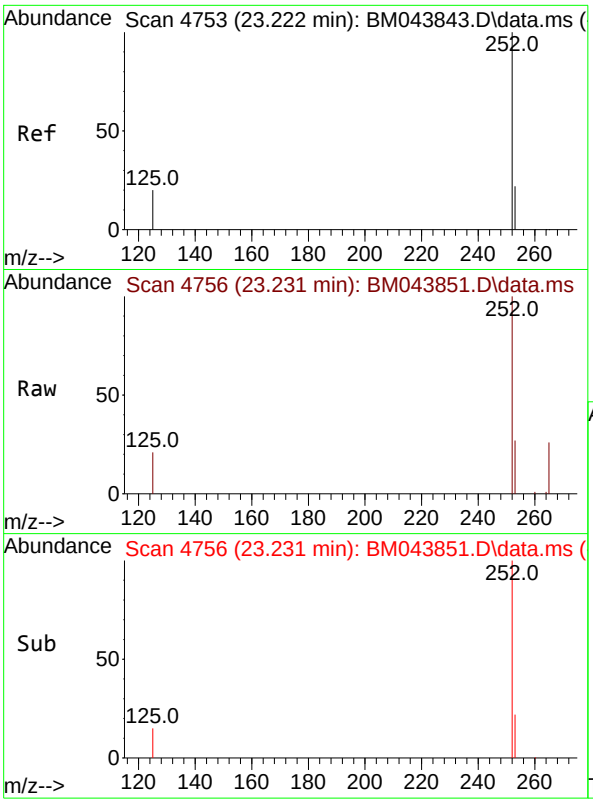


#22
Chrysene
Concen: 17.156 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.003 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:228 Resp: 25097

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	19.9	15.7	23.5



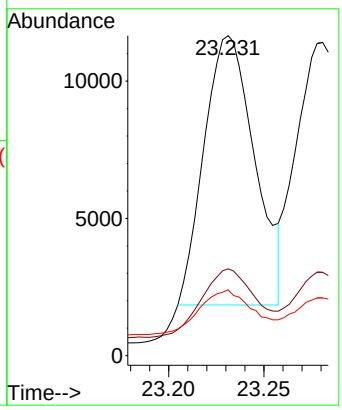


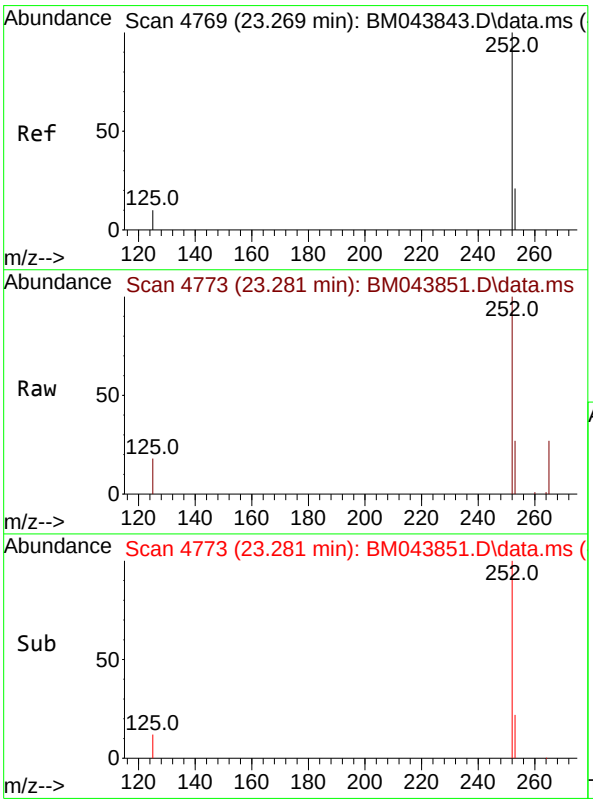
#24
Benzo(b)fluoranthene
Concen: 36.334 ng/ul
RT: 23.231 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:252 Resp: 18067

Ion	Ratio	Lower	Upper
252	100		
253	27.2	0.0	49.8
125	20.6	0.0	40.4

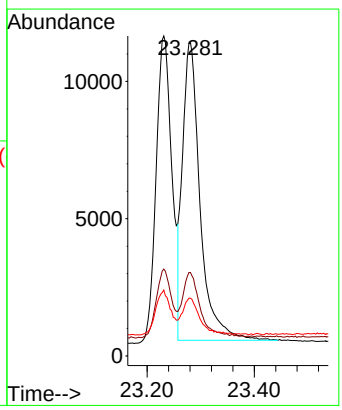


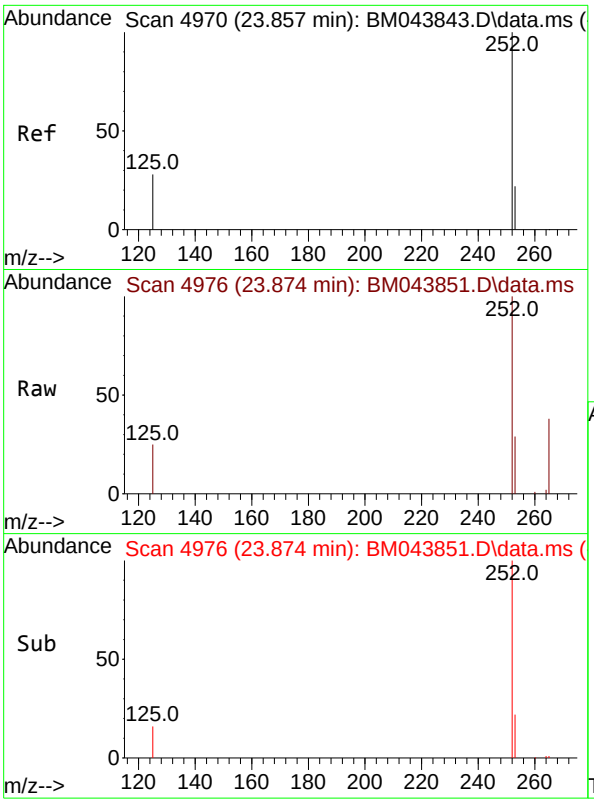


#25
Benzo(k)fluoranthene
Concen: 45.150 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.003 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:252 Resp: 24763

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.9	29.9
125	18.4	12.1	18.1#



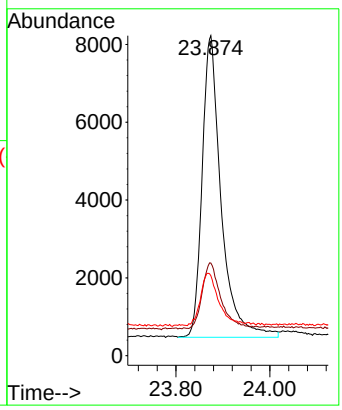


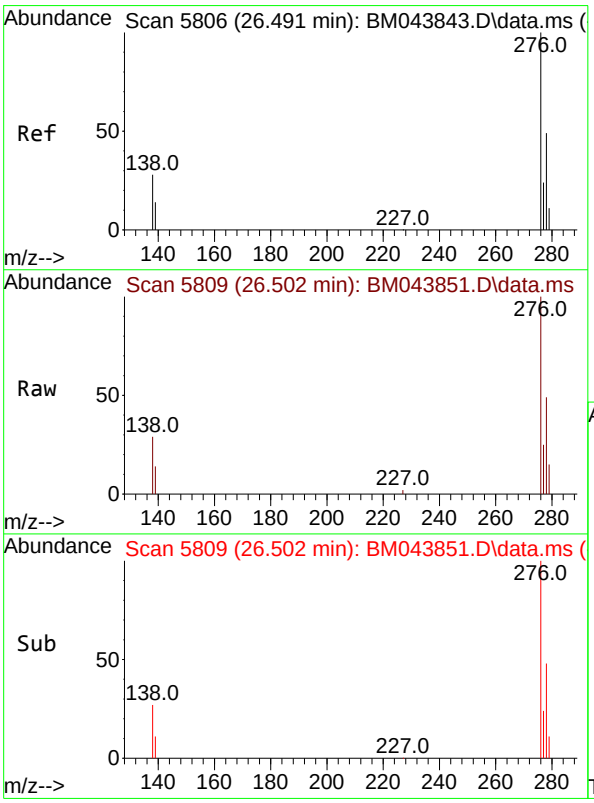
#26
Benzo(a)pyrene
Concen: 46.755 ng/ul
RT: 23.874 min Scan# 4
Delta R.T. 0.009 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:252 Resp: 21786

Ion	Ratio	Lower	Upper
252	100		
253	29.0	20.8	31.2
125	25.0	20.2	30.2

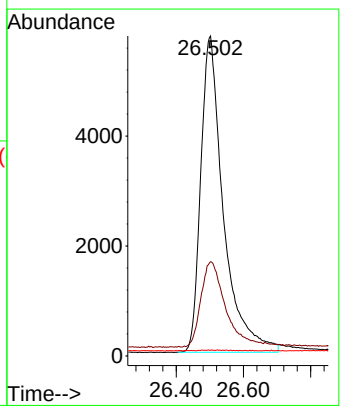


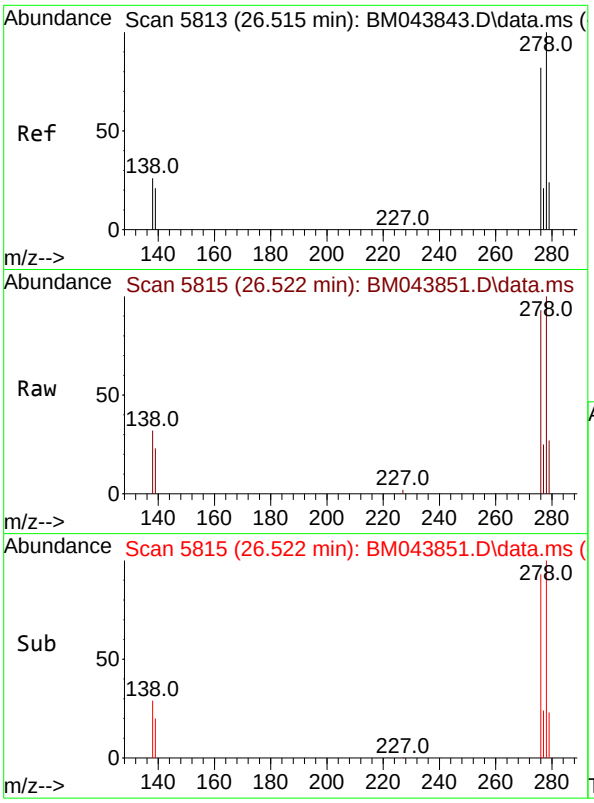


#27
Indeno(1,2,3-cd)pyrene
Concen: 45.678 ng/ul
RT: 26.502 min Scan# 5809
Delta R.T. 0.000 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:276 Resp: 26920

Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.5	35.3
227	0.0	0.2	0.2#



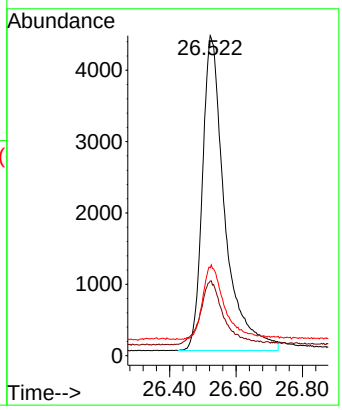


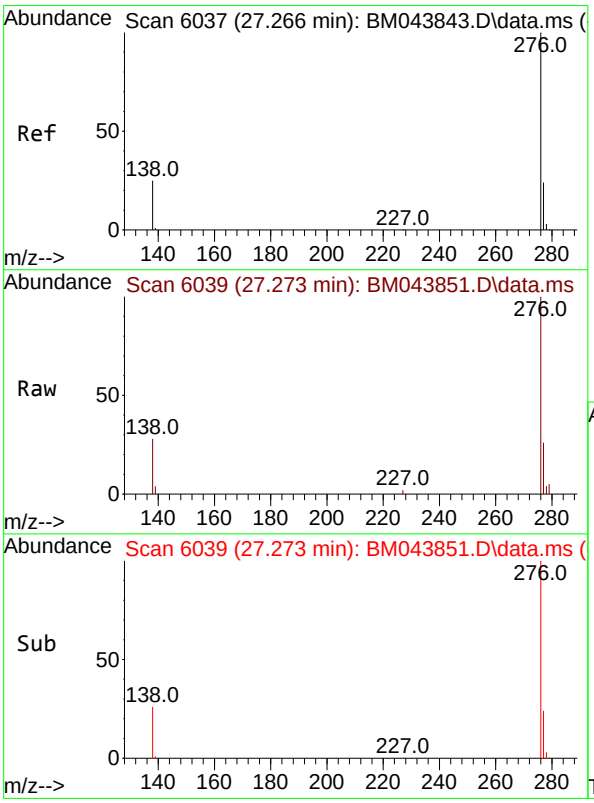
#28
Dibenzo(a,h)anthracene
Concen: 45.082 ng/ul
RT: 26.522 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Instrument :
BNA_M
ClientSampleId :
SLCS427

Tgt Ion:278 Resp: 20583

Ion	Ratio	Lower	Upper
278	100		
139	23.3	18.1	27.1
279	27.4	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 45.781 ng/ul
RT: 27.273 min Scan# 6039
Delta R.T. -0.006 min
Lab File: BM043851.D
Acq: 15 Jan 2024 21:36

Tgt Ion:276 Resp: 22563

Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.0	31.4
277	25.6	19.8	29.6