Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
Data File : BM048887.D
Acq On : 07 Dec 2024 03:04
Operator : RC/JU
Sample : PB165418BS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS418

Quant Time: Dec 07 03:33:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	5254	0.400	ng/ul	0.00
4) Naphthalene-d8	10.358	136	15388	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.228	164	8623	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	16624	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	10059	0.400	ng/ul	0.00
23) Perylene-d12	23.344	264	9586	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4498	0.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	8192	0.442	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	15001	0.483	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.198	88	12449	1.567	ng/ul#	79
5) Naphthalene	10.407	128	14985	0.385	ng/ul	100
7) 2-Methylnaphthalene	12.030	142	9196	0.409	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	9751	0.410	ng/ul	99
10) Acenaphthylene	13.941	152	13814	0.365	ng/ul	99
11) Acenaphthene	14.288	153	10550	0.387	ng/ul	97
12) Fluorene	15.283	166	11566	0.410	ng/ul	99
14) Pentachlorophenol	16.629	266	1844	1.283	ng/ul#	1
15) Phenanthrene	17.018	178	17951	0.426	ng/ul	99
16) Anthracene	17.106	178	15516	0.413	ng/ul	97
19) Fluoranthene	19.038	202	19603	0.424	ng/ul	99
20) Pyrene	19.401	202	20006	0.416	ng/ul	99
21) Benzo(a)anthracene	21.158	228	13052	0.460	ng/ul	98
22) Chrysene	21.208	228	17115	0.381	ng/ul	100
24) Benzo(b)fluoranthene	22.698	252	13700	0.509	ng/ul	95
25) Benzo(k)fluoranthene	22.742	252	16653	0.441	ng/ul	97
26) Benzo(a)pyrene	23.250	252	12185	0.441	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.508	276	16455	0.451	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.524	278	12693	0.465	ng/ul	94
29) Benzo(g,h,i)perylene	26.155	276	13344	0.422	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
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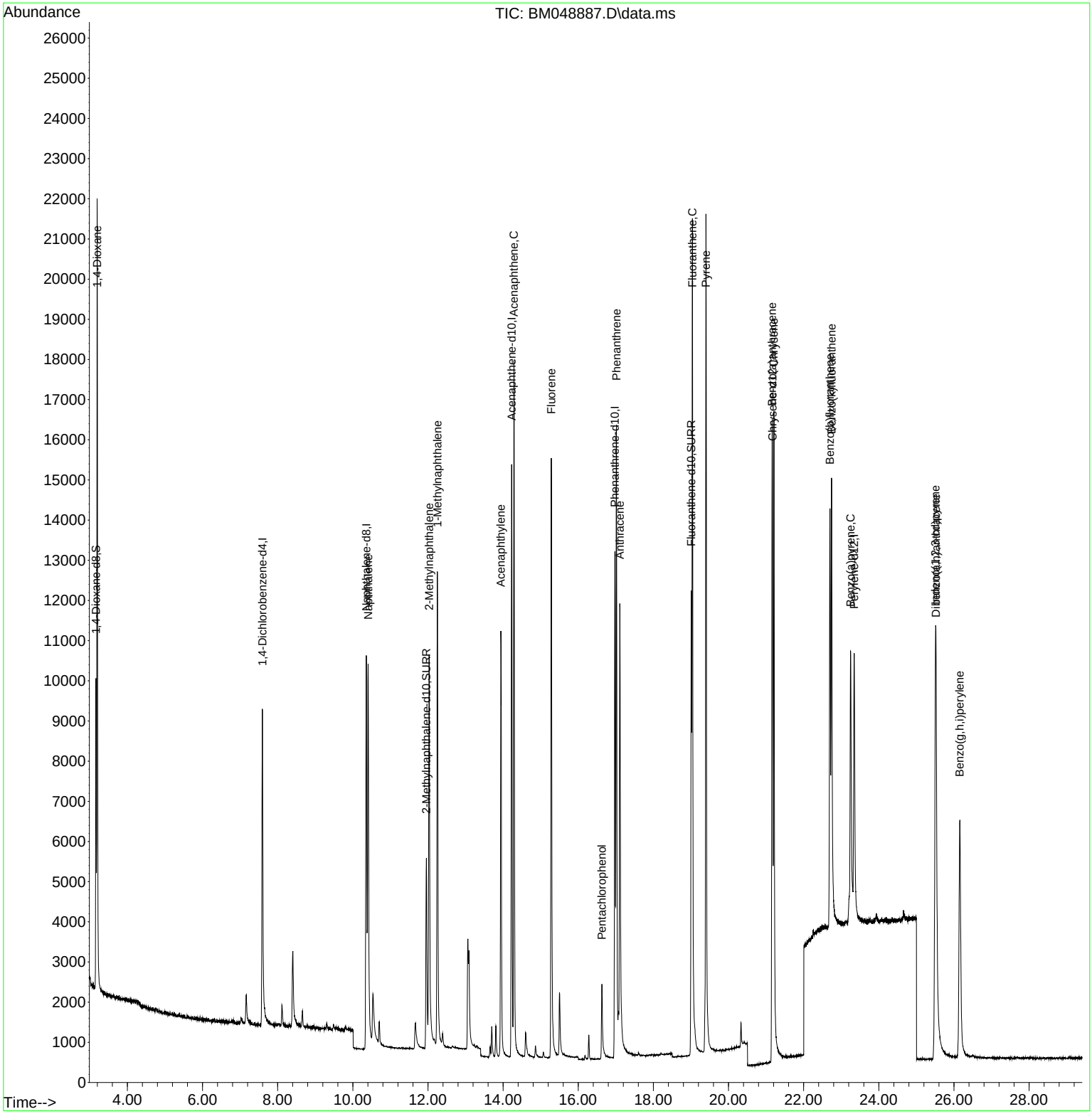
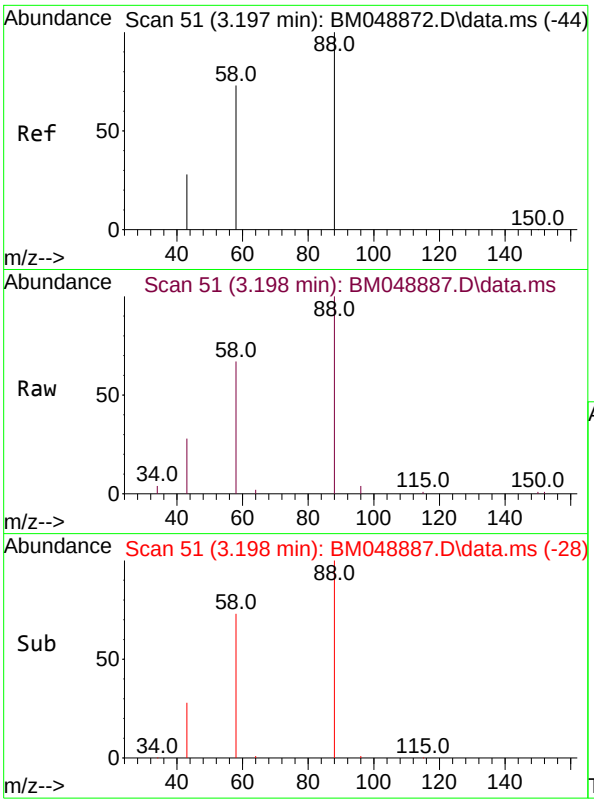
Quant Time: Dec 07 03:33:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration



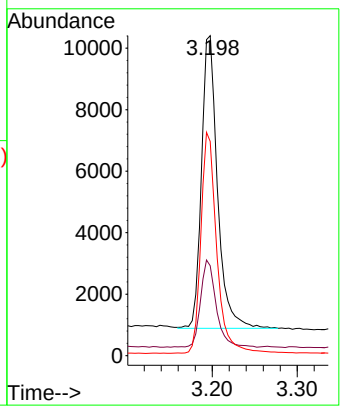


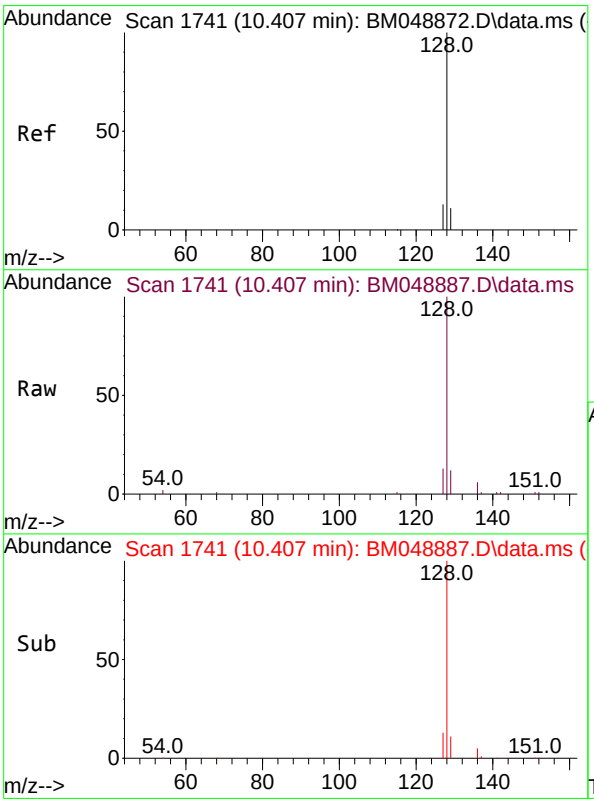
#2
1,4-Dioxane
Concen: 1.567 ng/ul
RT: 3.198 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion: 88 Resp: 12449

Ion	Ratio	Lower	Upper
88	100		
43	28.1	20.6	30.8
58	66.9	37.6	56.4#

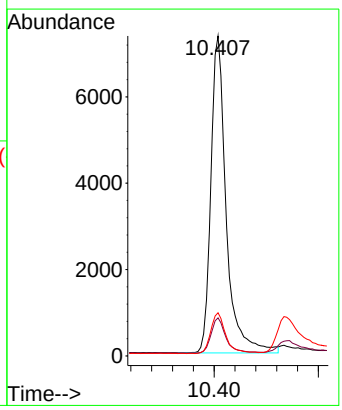


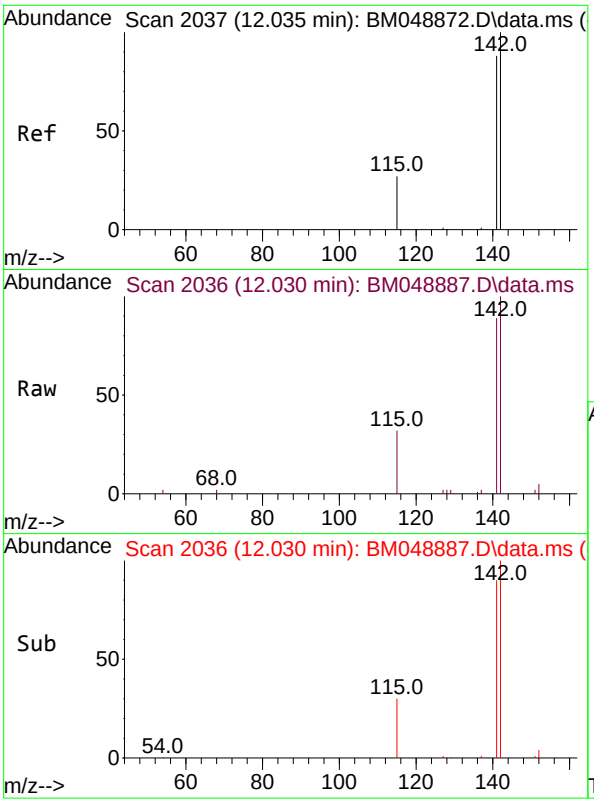


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.407 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:128 Resp: 14985

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	13.5	10.7	16.1



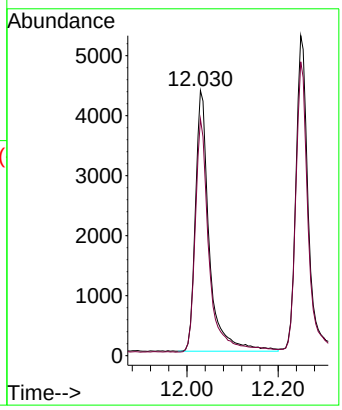


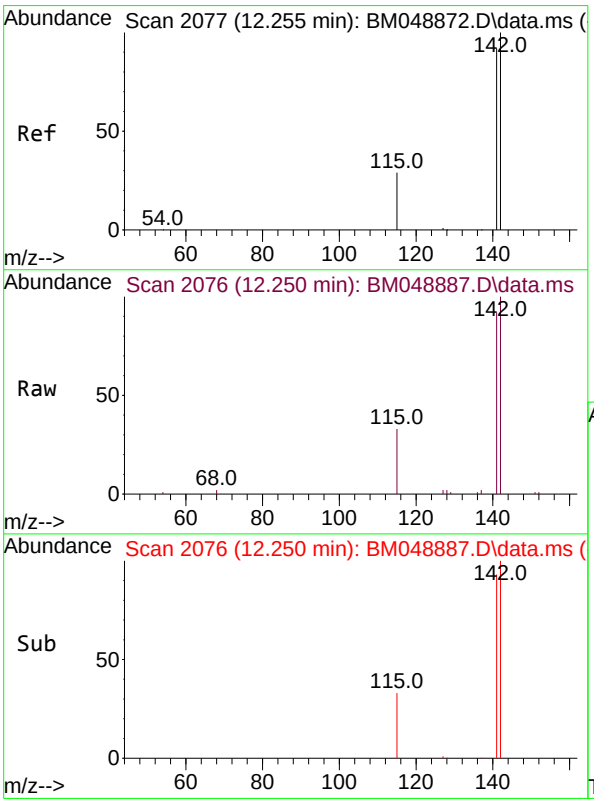
#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:142 Resp: 9196

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.6

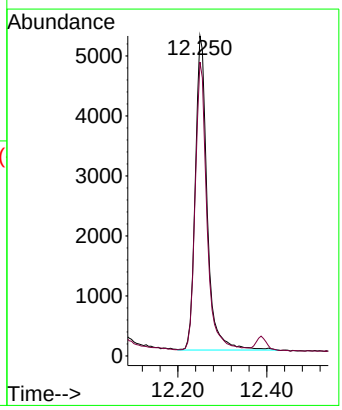


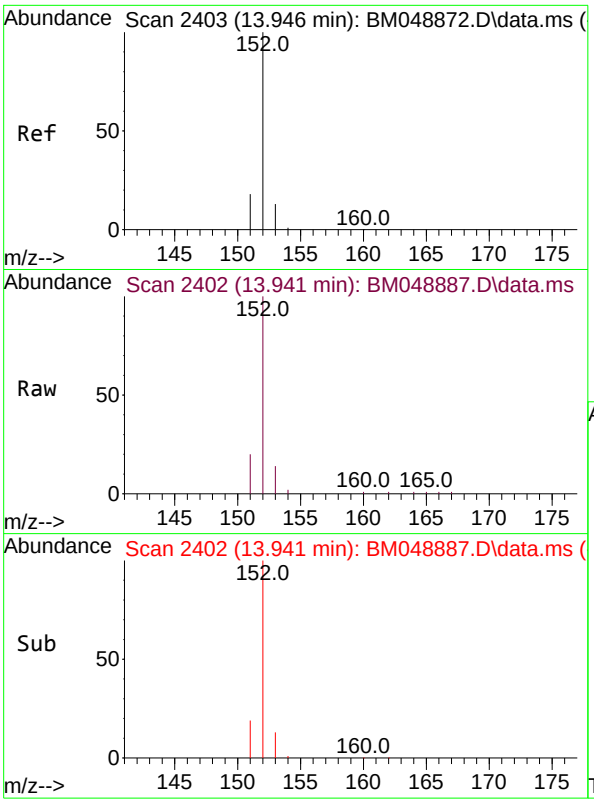


#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.250 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:142 Resp: 9751

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.5	108.7



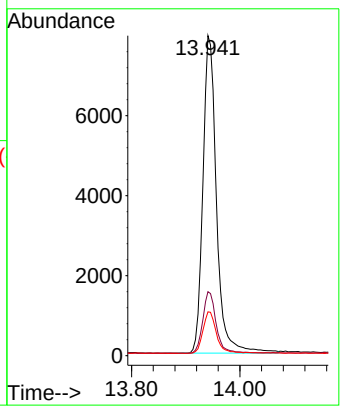


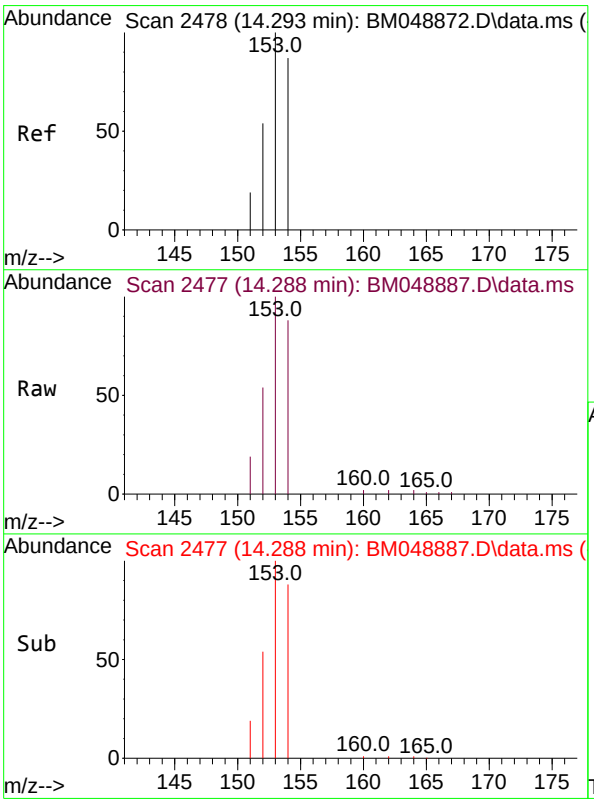
#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 13.941 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:152 Resp: 13814

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.7	11.7	17.5

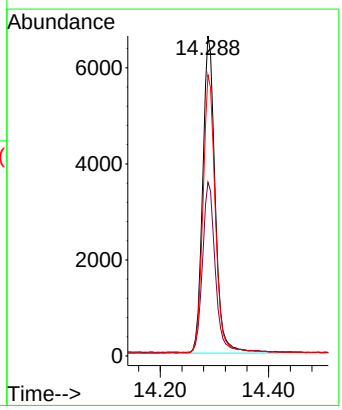


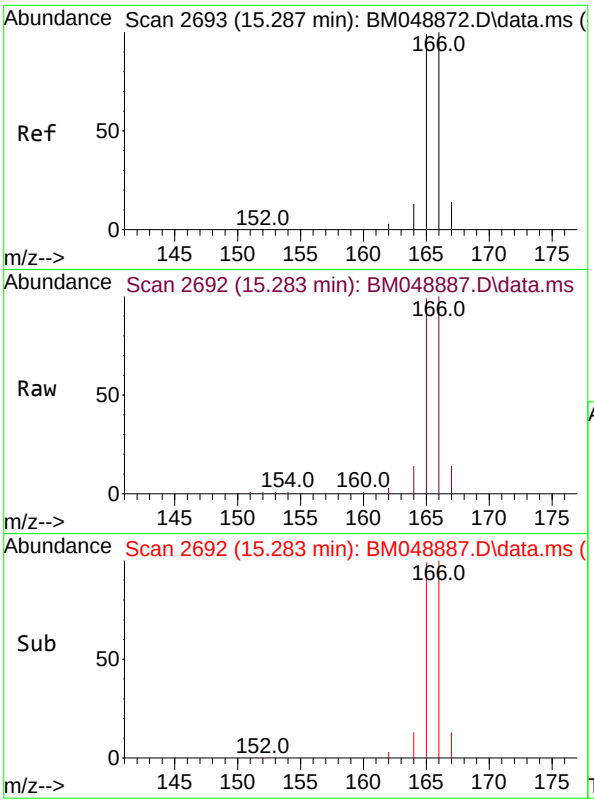


#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.288 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:153 Resp: 10550

Ion	Ratio	Lower	Upper
153	100		
152	54.3	46.5	69.7
154	87.8	68.7	103.1



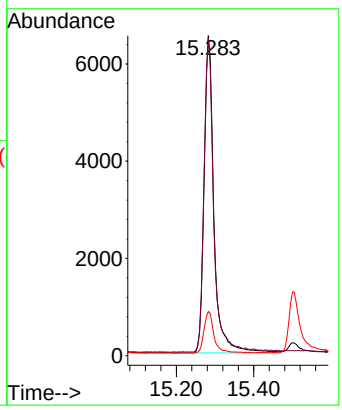


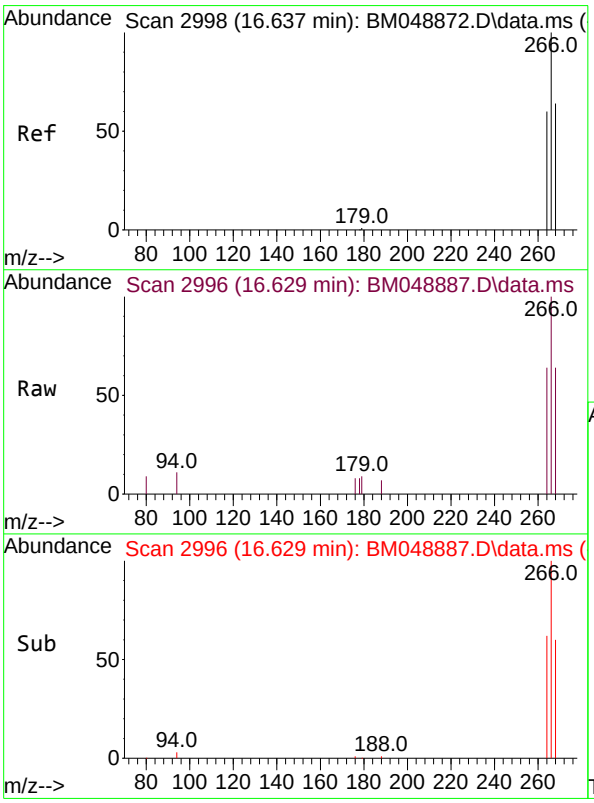
#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.283 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:166 Resp: 11566

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.6
167	13.8	12.2	18.2

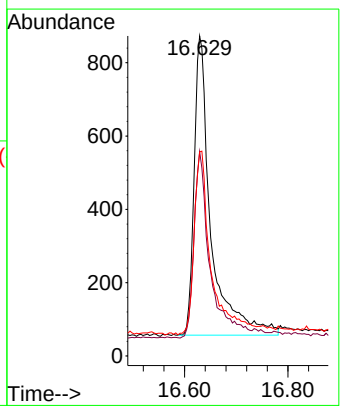


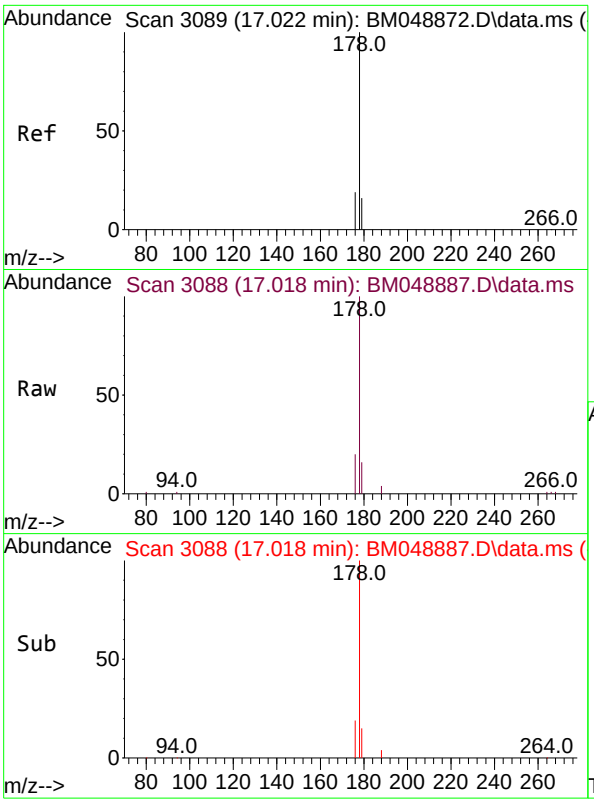


#14
Pentachlorophenol
Concen: 1.283 ng/ul
RT: 16.629 min Scan# 2996
Delta R.T. -0.004 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:266 Resp: 1844

Ion	Ratio	Lower	Upper
266	100		
264	63.7	15.3	22.9#
268	64.9	0.0	0.0#



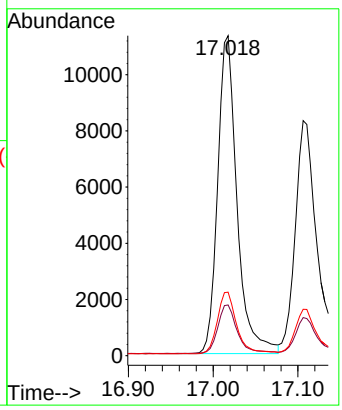


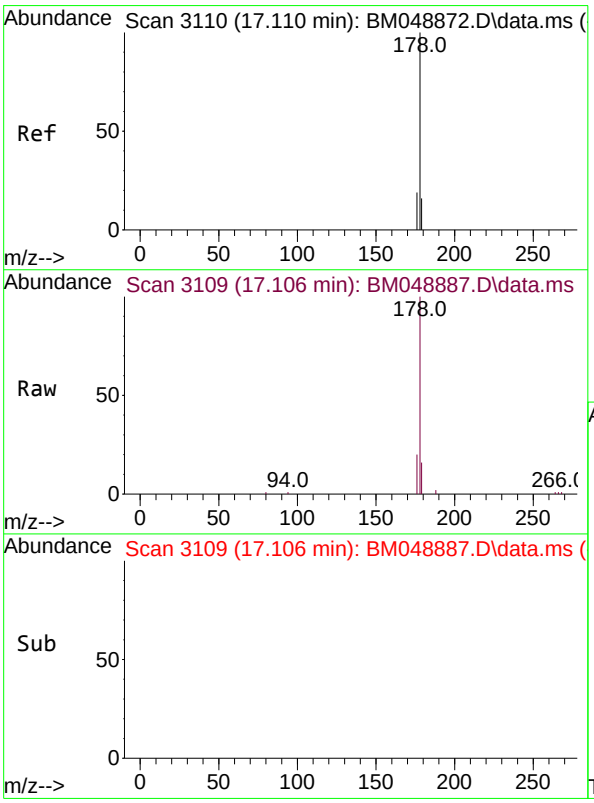
#15
Phenanthrene
Concen: 0.426 ng/ul
RT: 17.018 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:178 Resp: 17951

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.0
176	19.9	16.2	24.4

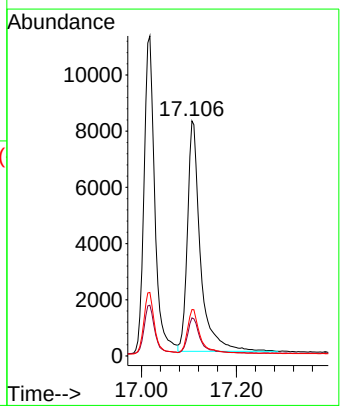


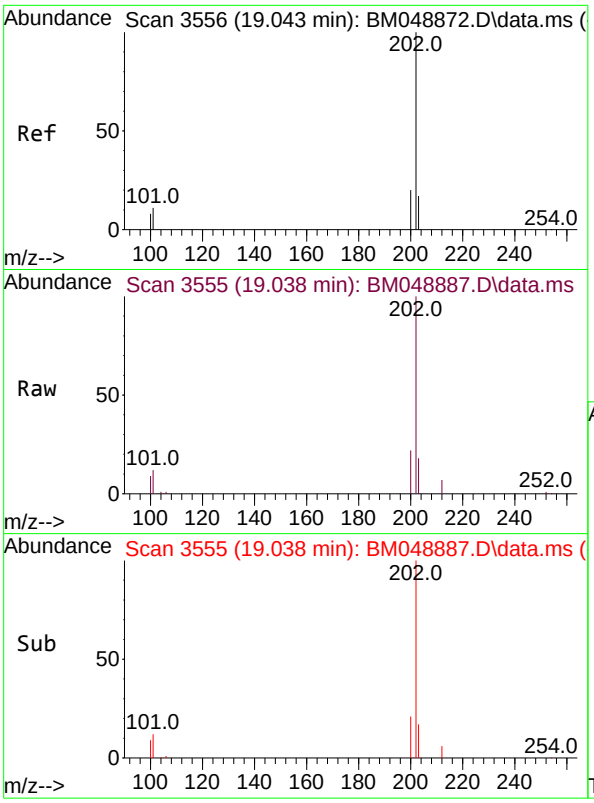


#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.106 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:178 Resp: 15516

Ion	Ratio	Lower	Upper
178	100		
179	16.2	14.0	21.0
176	19.8	17.0	25.4



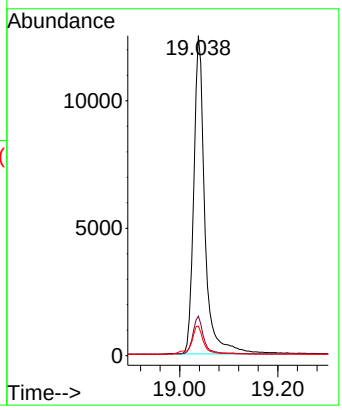


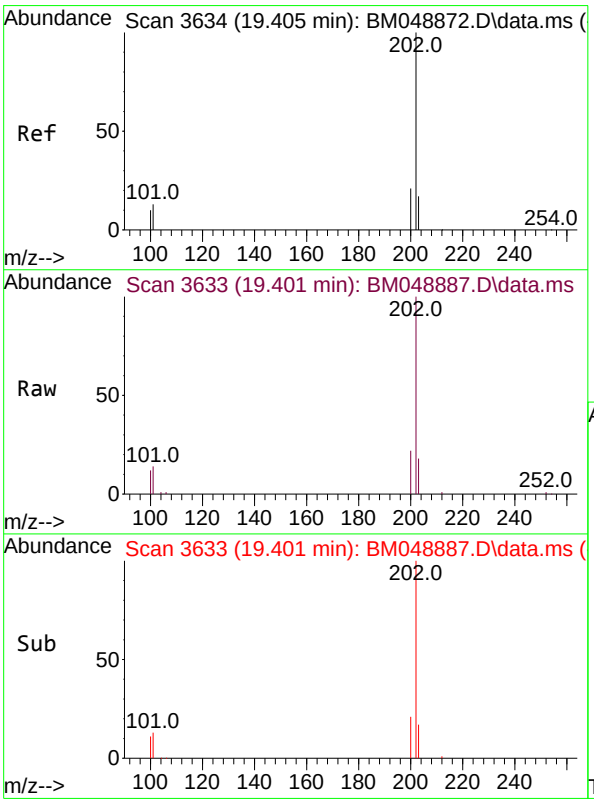
#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.038 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:202 Resp: 19603

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.2	7.5	11.3

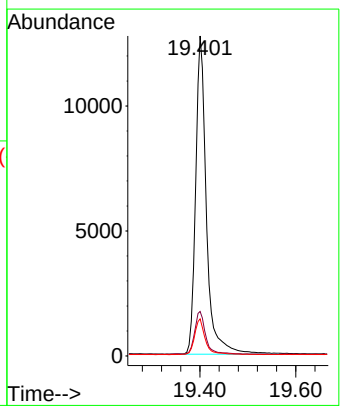


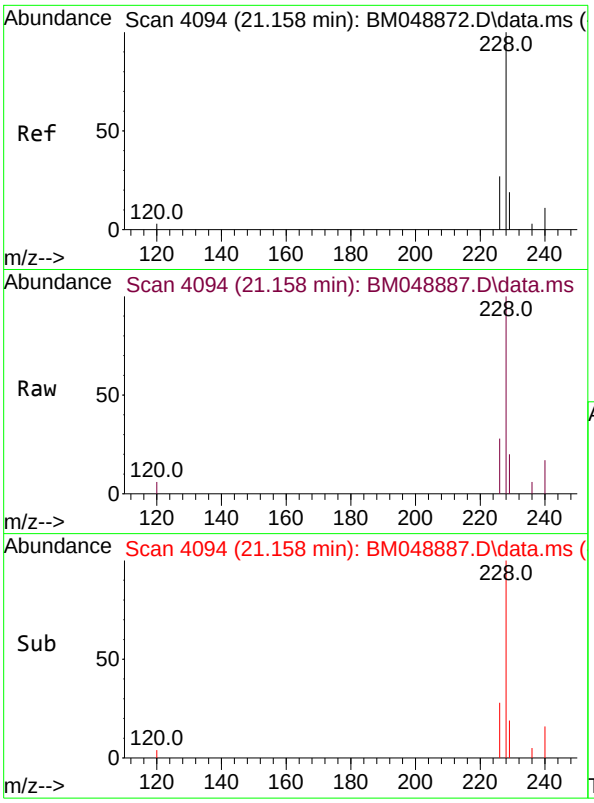


#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.401 min Scan# 3633
Delta R.T. -0.000 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:202 Resp: 20006

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.6	17.4
100	11.6	9.4	14.0



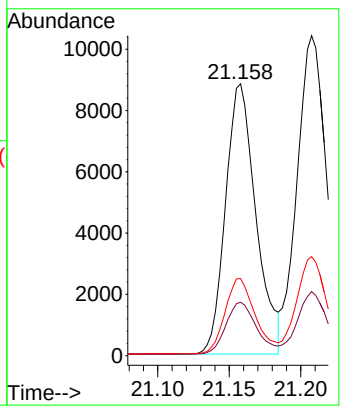


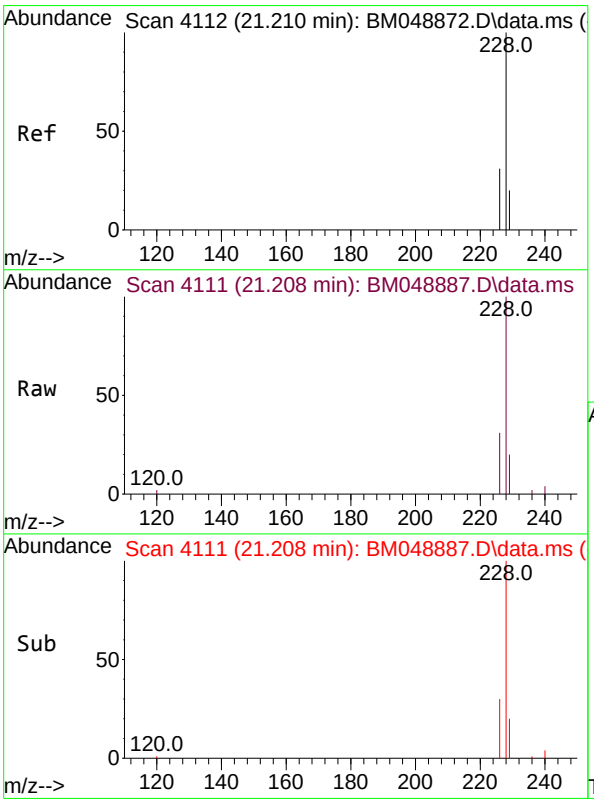
#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.158 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:228 Resp: 13052

Ion	Ratio	Lower	Upper
228	100		
229	19.6	17.0	25.6
226	28.4	22.5	33.7

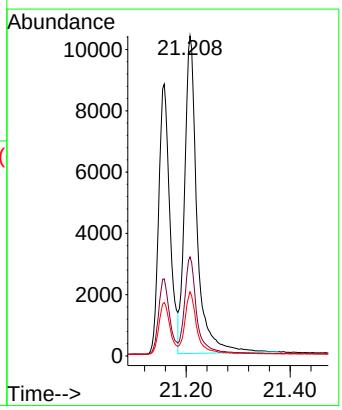


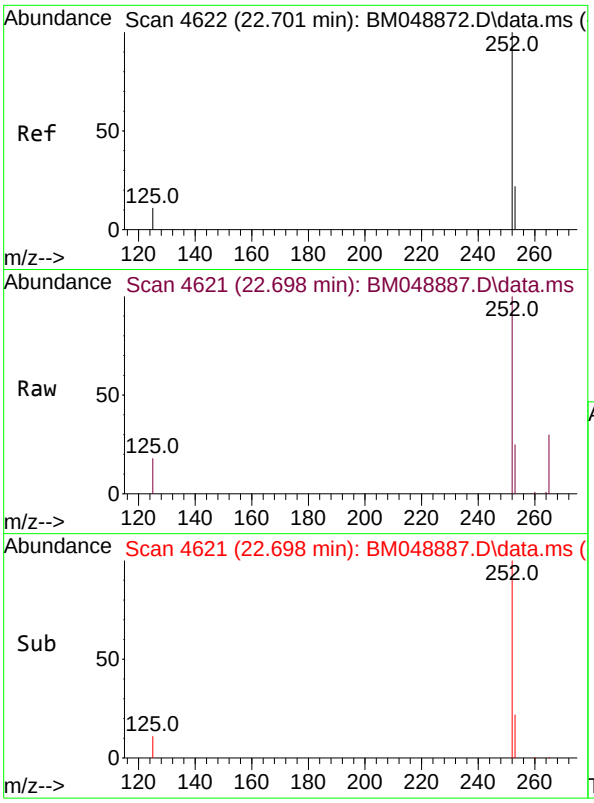


#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.208 min Scan# 4111
Delta R.T. -0.003 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:228 Resp: 17115

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	20.1	16.1	24.1



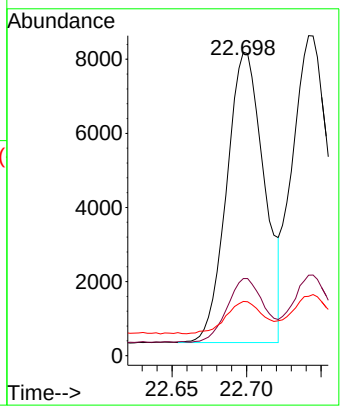


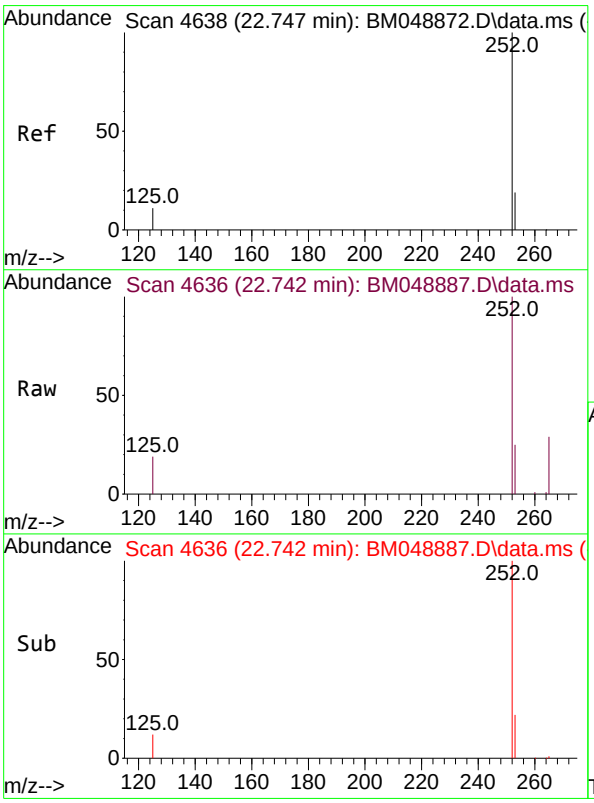
#24
Benzo(b)fluoranthene
Concen: 0.509 ng/ul
RT: 22.698 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:252 Resp: 13700

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	54.2
125	17.8	0.0	41.4

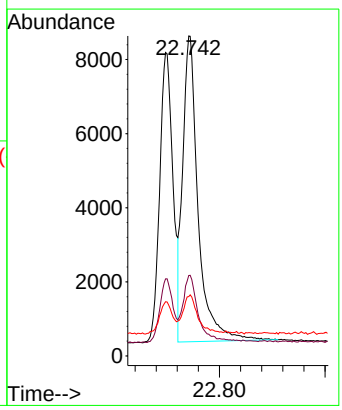


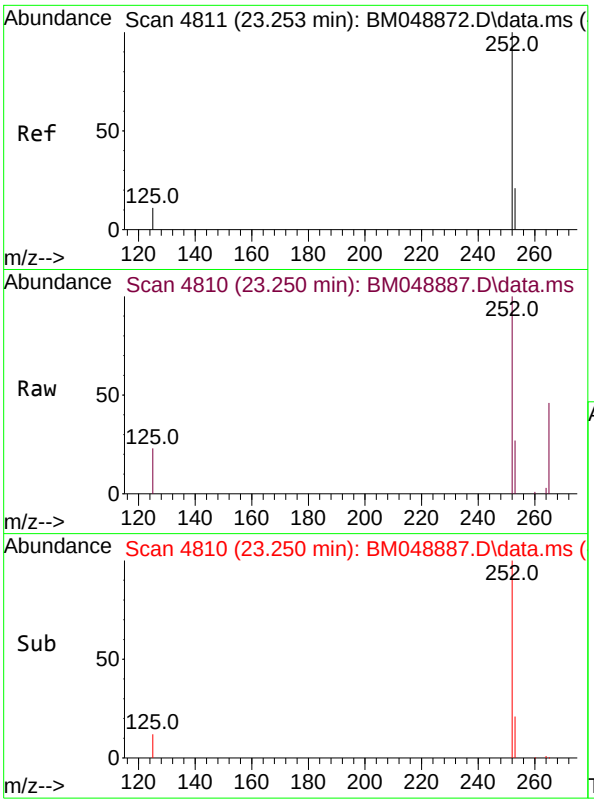


#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 22.742 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:252 Resp: 16653

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.8	31.2
125	18.6	16.2	24.4



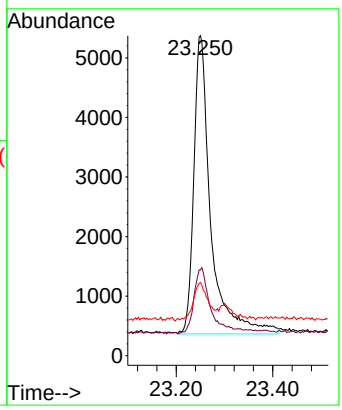


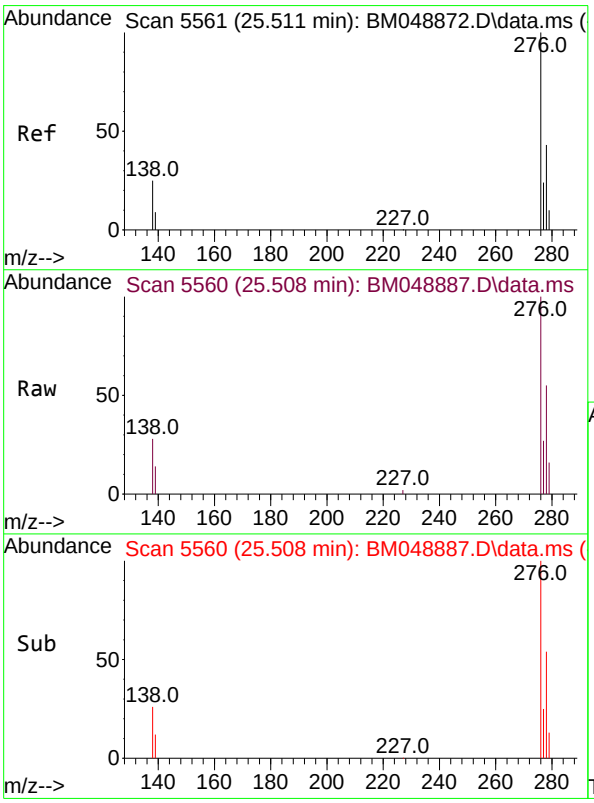
#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.250 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:252 Resp: 12185

Ion	Ratio	Lower	Upper
252	100		
253	26.8	22.5	33.7
125	22.8	20.6	30.8

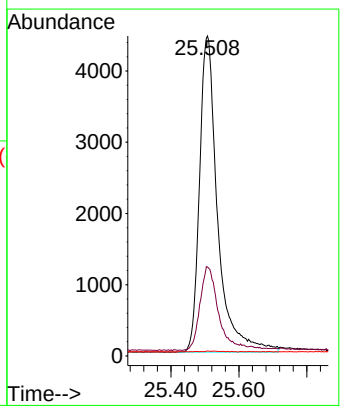


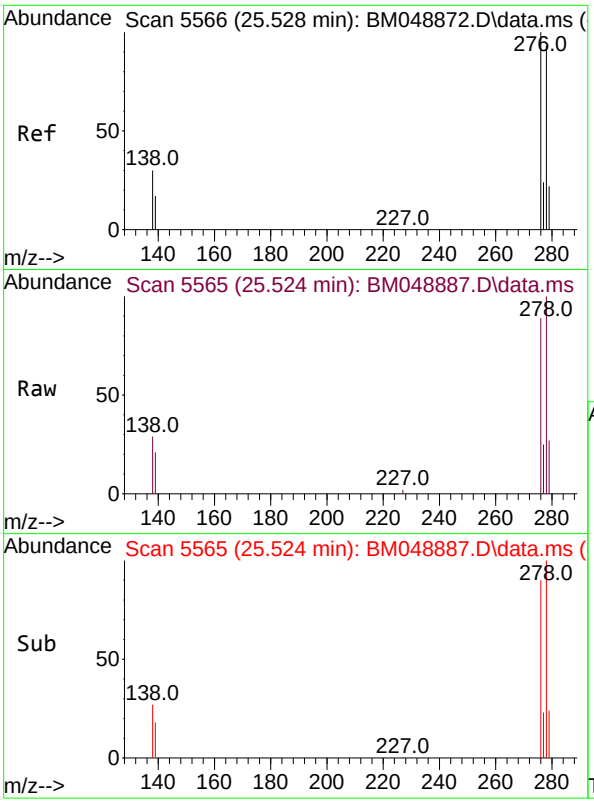


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 25.508 min Scan# 5560
Delta R.T. -0.000 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:276 Resp: 16455

Ion	Ratio	Lower	Upper
276	100		
138	27.8	23.3	34.9
227	0.1	0.1	0.1#



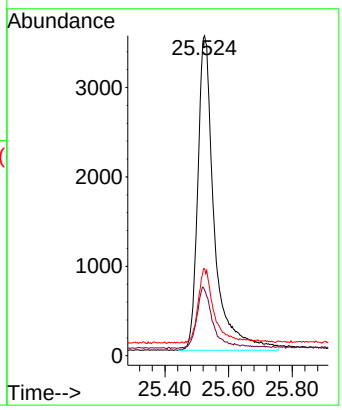


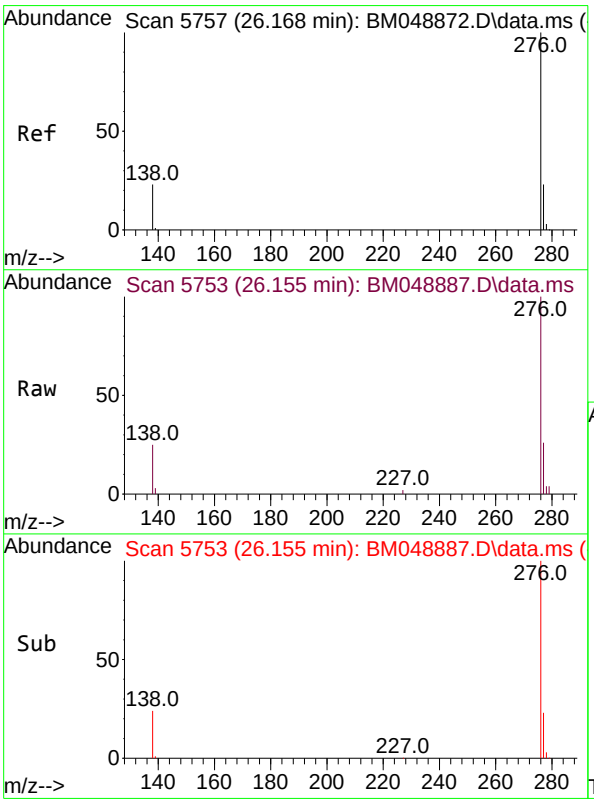
#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 25.524 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Instrument :
BNA_M
ClientSampleId :
SLCS418

Tgt Ion:278 Resp: 12693

Ion	Ratio	Lower	Upper
278	100		
139	20.5	18.6	27.8
279	27.2	24.7	37.1





#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.155 min Scan# 5753
Delta R.T. -0.007 min
Lab File: BM048887.D
Acq: 07 Dec 2024 03:04

Tgt Ion:276 Resp: 13344

Ion	Ratio	Lower	Upper
276	100		
138	25.5	22.2	33.2
277	25.6	21.8	32.6