Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048453.D
Acq On : 05 Nov 2024 10:58
Operator : RC/JU
Sample : PB164575BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS575

Quant Time: Nov 05 11:33:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 05:12:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.733	152	3024	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.517	136	9748	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.353	164	5467	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.110	188	10306	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	9332	0.400	ng/ul	0.00
23) Perylene-d12	23.525	264	9354	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3092	0.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	5196	0.419	ng/ul	-0.01
18) Fluoranthene-d10	19.131	212	11313	0.478	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	8799	2.184	ng/ul#	84
5) Naphthalene	10.567	128	10343	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.206	142	5982	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.398	142	7685	0.476	ng/ul	98
10) Acenaphthylene	14.080	152	8670	0.410	ng/ul	99
11) Acenaphthene	14.417	153	7016	0.414	ng/ul	99
12) Fluorene	15.421	166	7531	0.400	ng/ul	99
14) Pentachlorophenol	16.777	266	2102	0.733	ng/ul	95
15) Phenanthrene	17.153	178	11028	0.430	ng/ul	100
16) Anthracene	17.258	178	10071	0.420	ng/ul	99
19) Fluoranthene	19.163	202	14802	0.460	ng/ul	99
20) Pyrene	19.521	202	16160	0.468	ng/ul	97
21) Benzo(a)anthracene	21.281	228	11246	0.402	ng/ul	99
22) Chrysene	21.321	228	17580	0.457	ng/ul	99
24) Benzo(b)fluoranthene	22.853	252	13229	0.414	ng/ul	98
25) Benzo(k)fluoranthene	22.899	252	16663	0.440	ng/ul	97
26) Benzo(a)pyrene	23.437	252	12950	0.431	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.813	276	17388	0.414	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.833	278	13634	0.416	ng/ul	98
29) Benzo(g,h,i)perylene	26.490	276	15151	0.428	ng/ul	97

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

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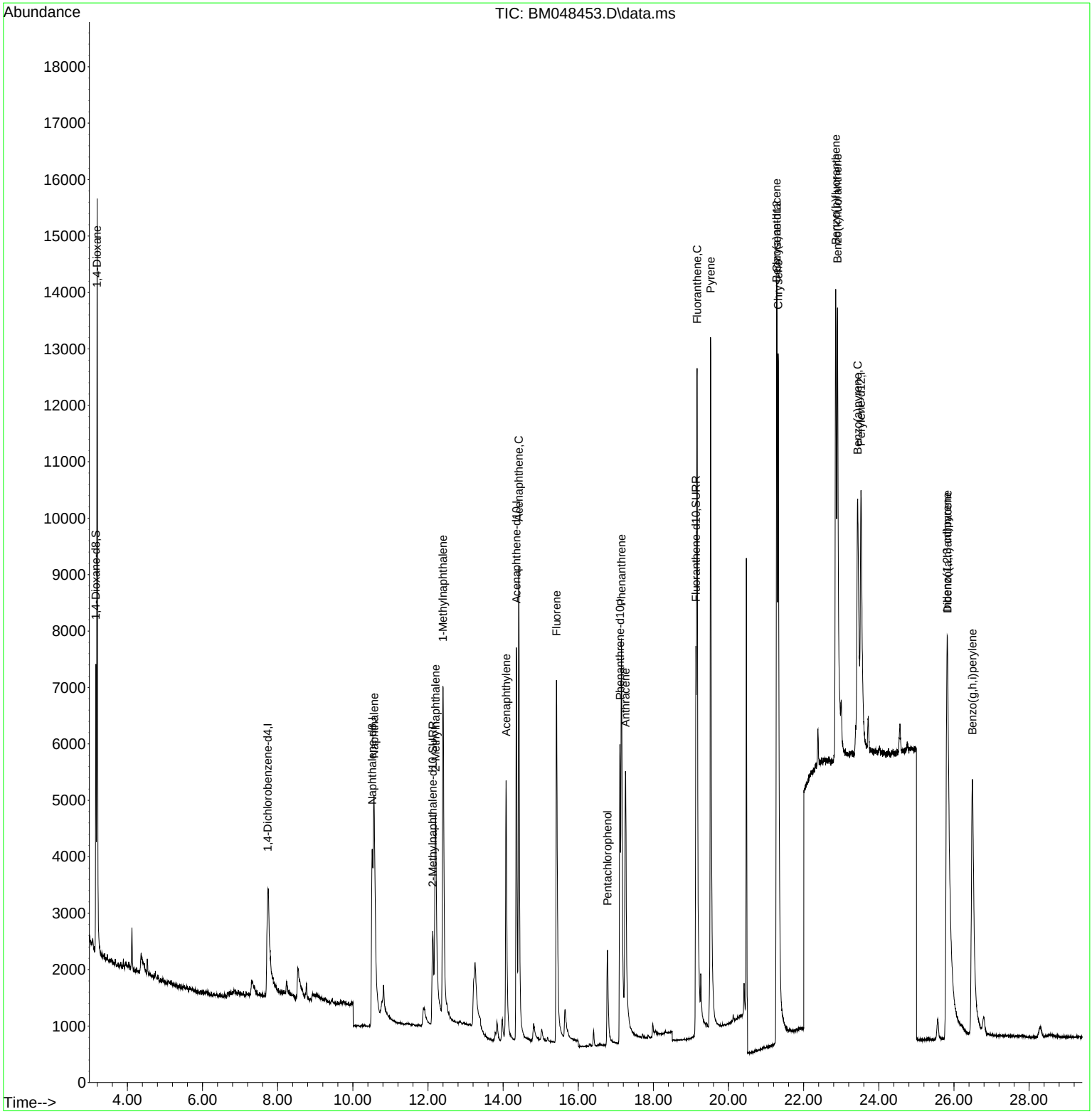
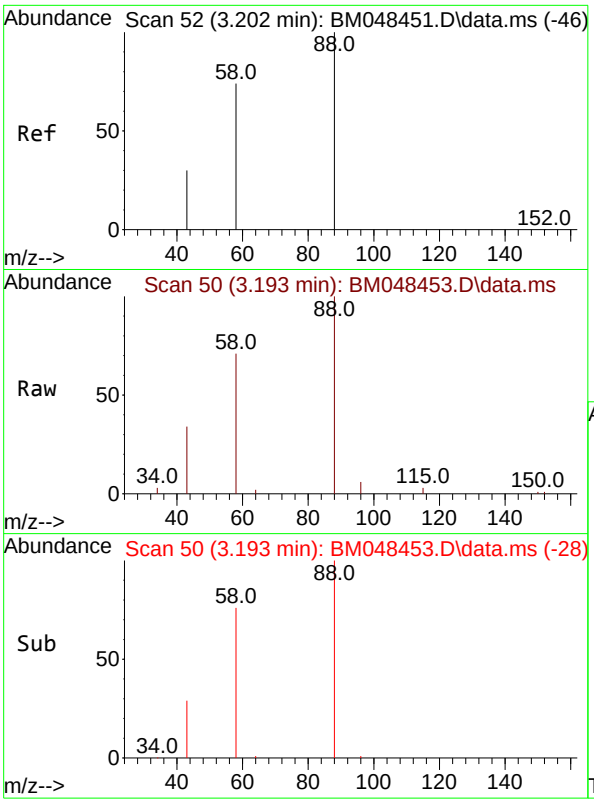
Quant Time: Nov 05 11:33:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 05:12:02 2024
Response via : Initial Calibration



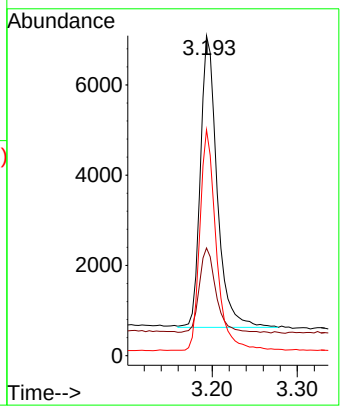


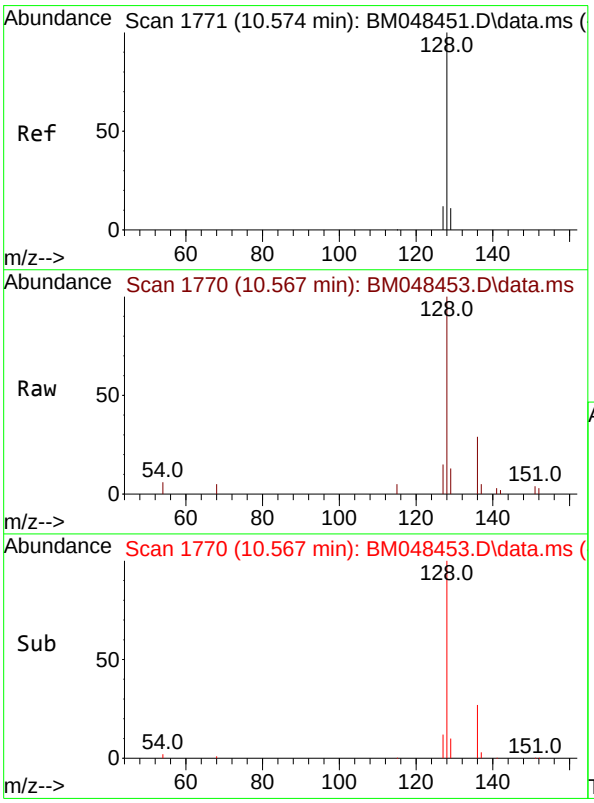
#2
1,4-Dioxane
Concen: 2.184 ng/ul
RT: 3.193 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion: 88 Resp: 8799

Ion	Ratio	Lower	Upper
88	100		
43	33.6	36.2	54.4#
58	70.6	47.4	71.0

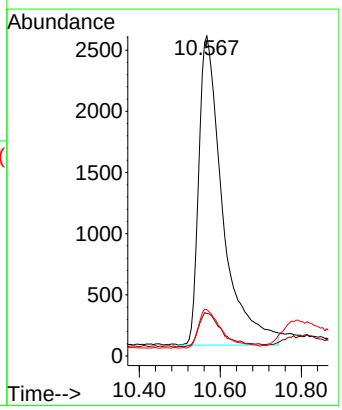


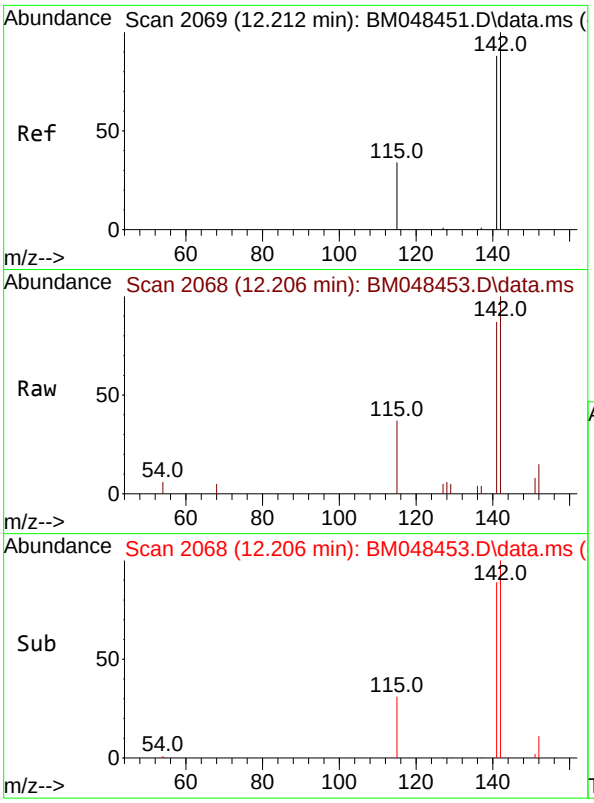


#5
Naphthalene
Concen: 0.406 ng/ul
RT: 10.567 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:128 Resp: 10343

Ion	Ratio	Lower	Upper
128	100		
129	13.3	10.6	15.8
127	14.5	11.4	17.2



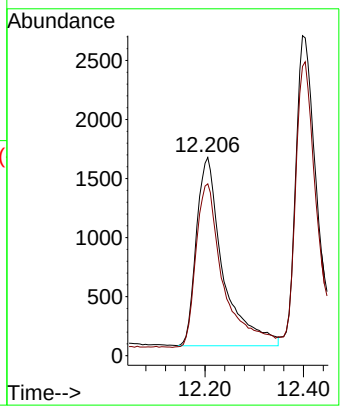


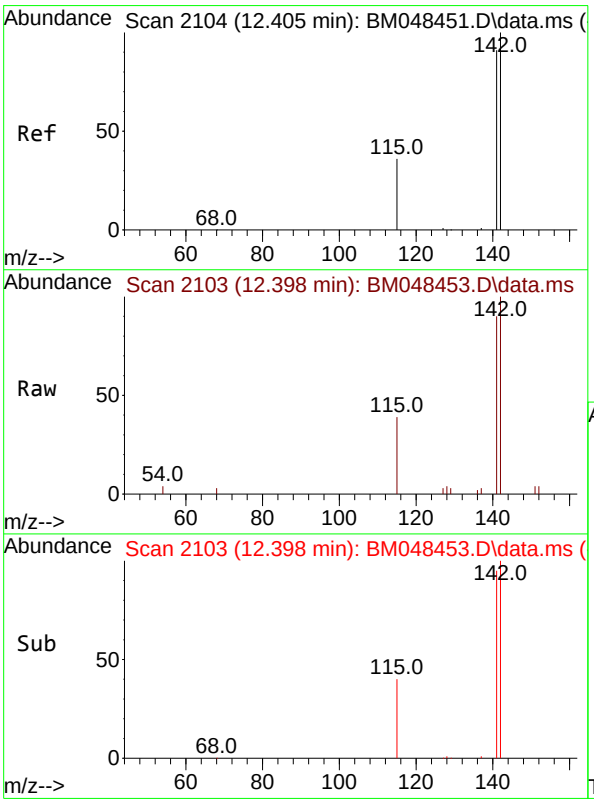
#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.206 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:142 Resp: 5982

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.2	108.2

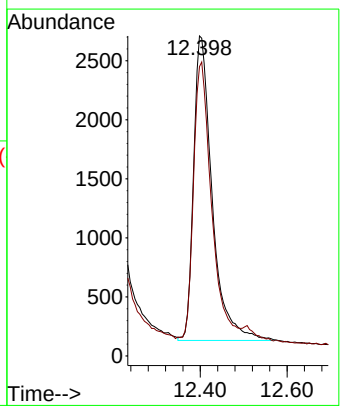


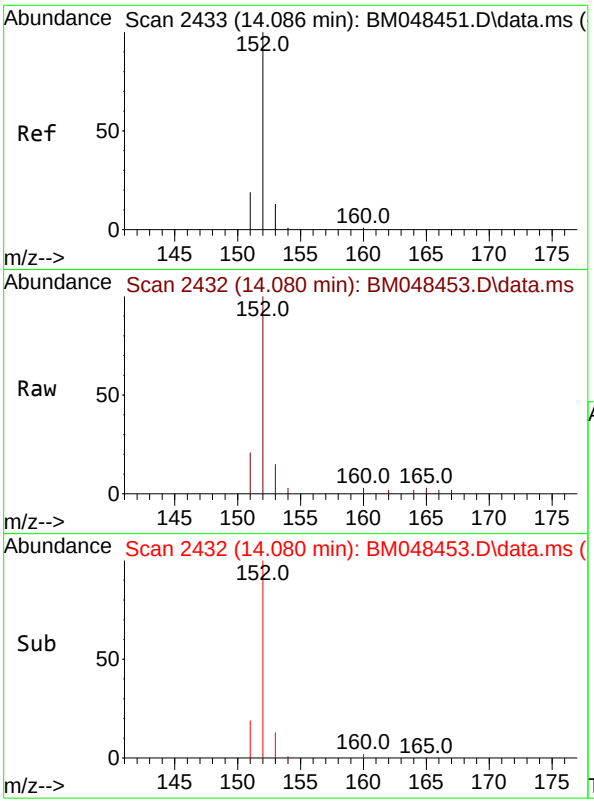


#8
1-Methylnaphthalene
Concen: 0.476 ng/ul
RT: 12.398 min Scan# 2103
Delta R.T. -0.018 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:142 Resp: 7685

Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.5	113.3



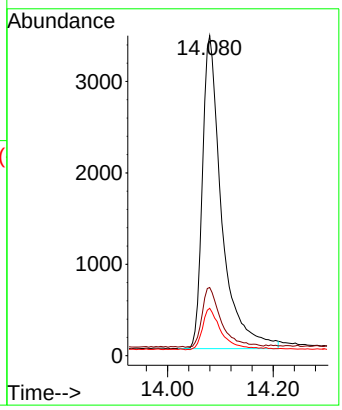


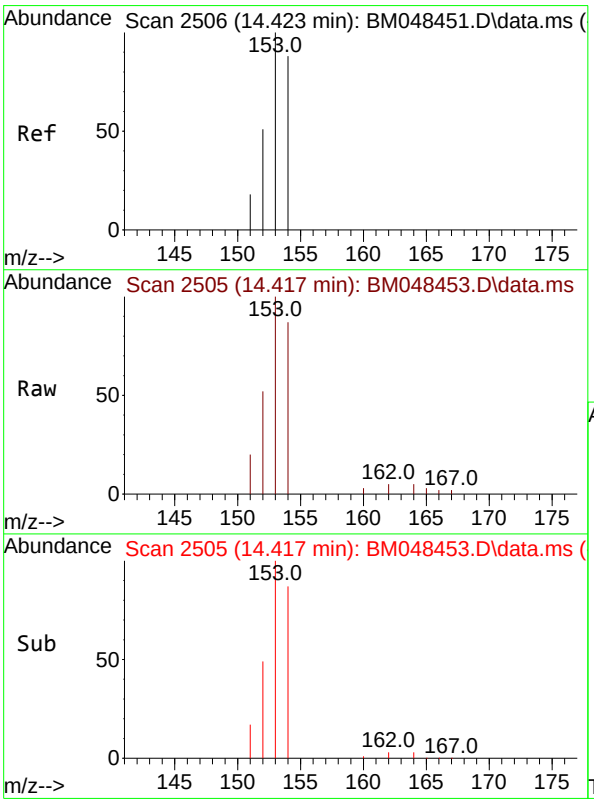
#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.080 min Scan# 24
Delta R.T. -0.011 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:152 Resp: 8670

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	24.8
153	14.8	11.8	17.6

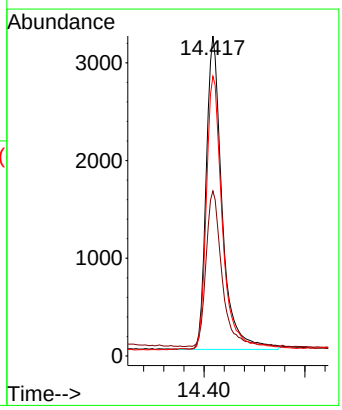


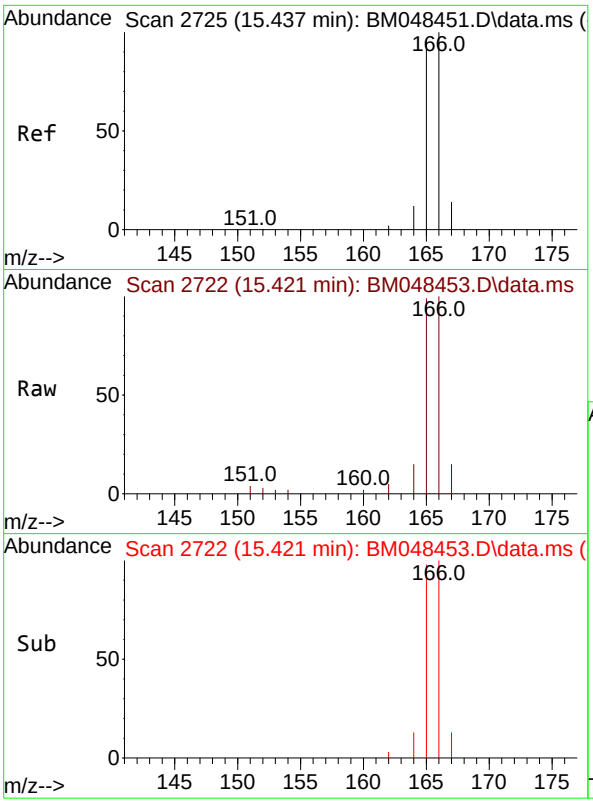


#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.417 min Scan# 2505
Delta R.T. -0.011 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:153 Resp: 7016

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.7	61.1
154	87.4	70.6	106.0



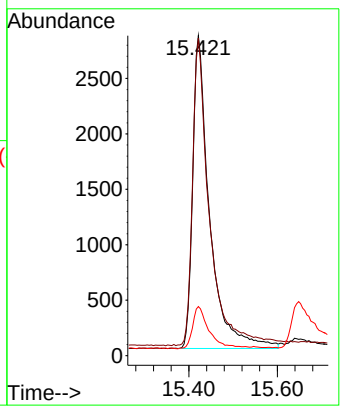


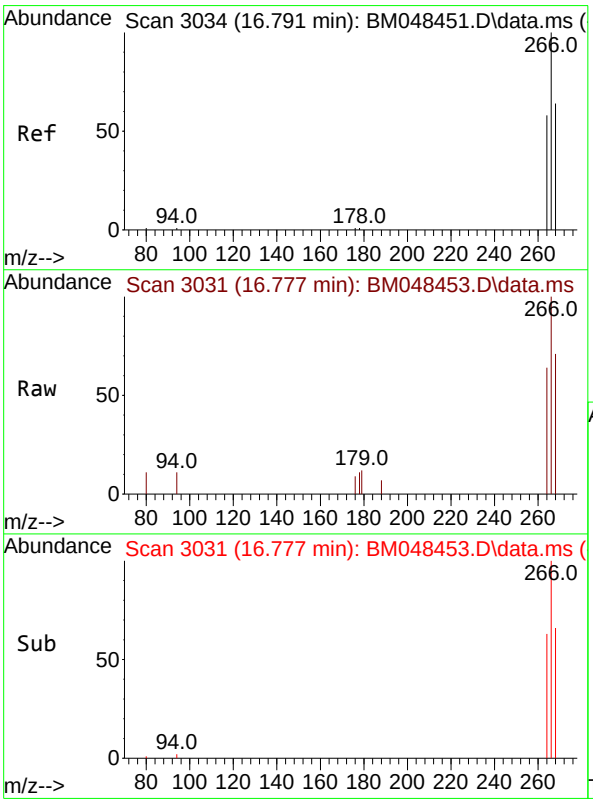
#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.421 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:166 Resp: 7531

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	118.0
167	15.3	12.1	18.1

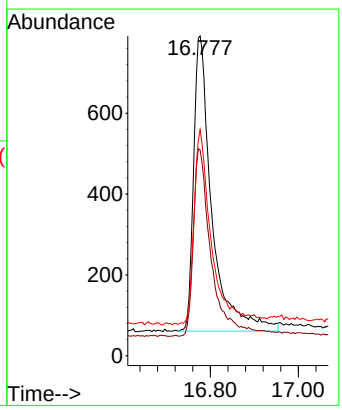


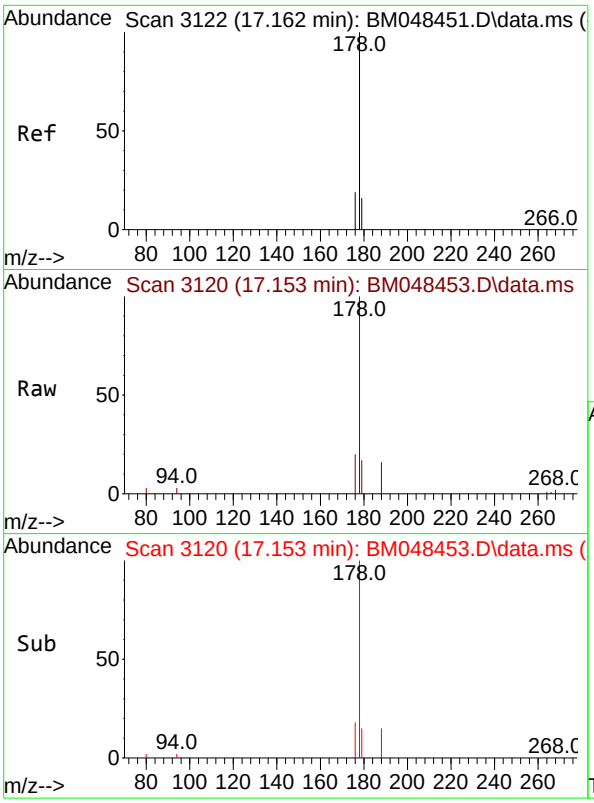


#14
Pentachlorophenol
Concen: 0.733 ng/ul
RT: 16.777 min Scan# 3031
Delta R.T. -0.010 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:266 Resp: 2102

Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.3	72.5
268	63.7	46.2	69.4



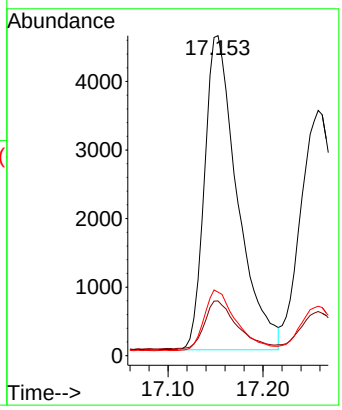


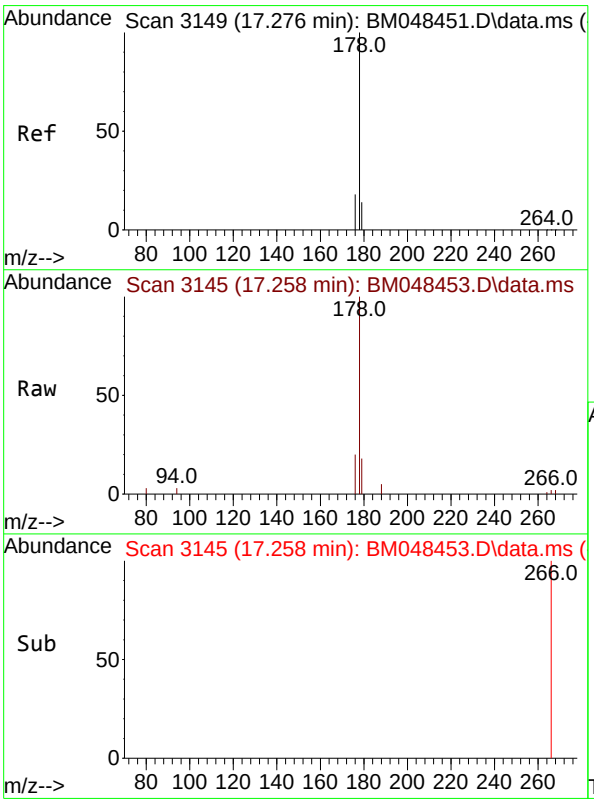
#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.153 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:178 Resp: 11028

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.9	20.9
176	19.8	16.0	24.0

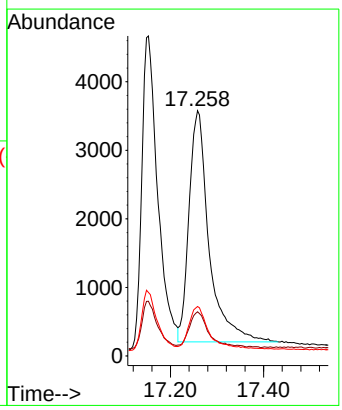


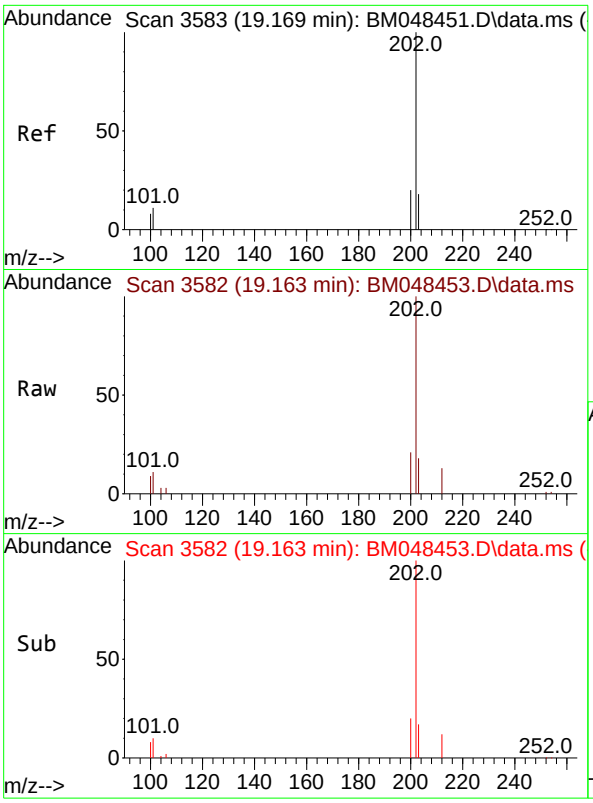


#16
Anthracene
Concen: 0.420 ng/ul
RT: 17.258 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:178 Resp: 10071

Ion	Ratio	Lower	Upper
178	100		
179	18.0	14.2	21.2
176	20.2	15.8	23.6



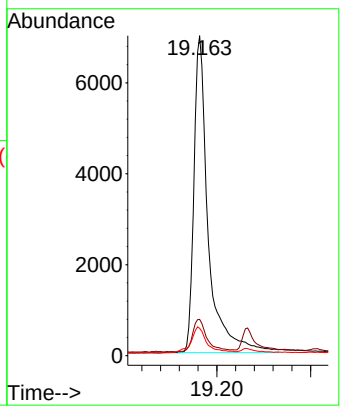


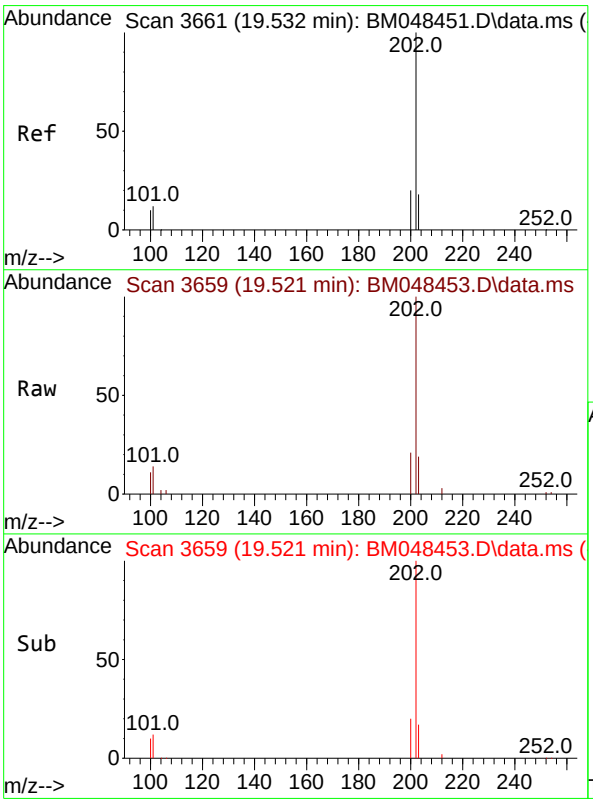
#19
Fluoranthene
Concen: 0.460 ng/ul
RT: 19.163 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:202 Resp: 14802

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.0	13.4
100	8.6	6.6	10.0

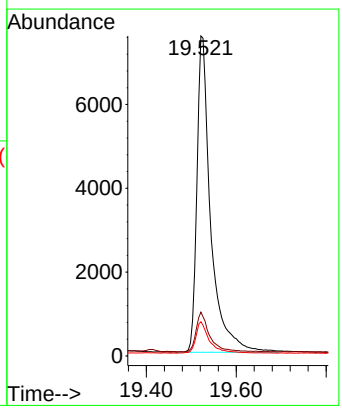


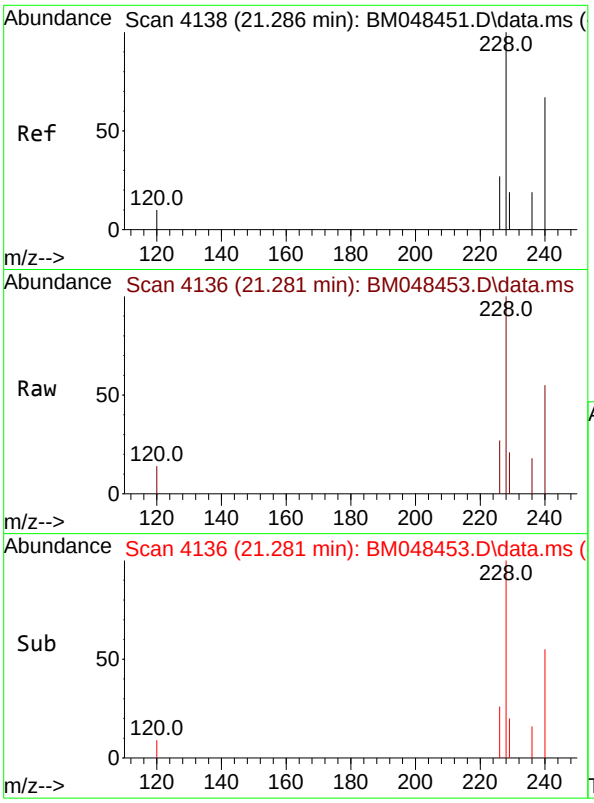


#20
Pyrene
Concen: 0.468 ng/ul
RT: 19.521 min Scan# 3659
Delta R.T. -0.011 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:202 Resp: 16160

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.0	15.0
100	10.7	8.0	12.0



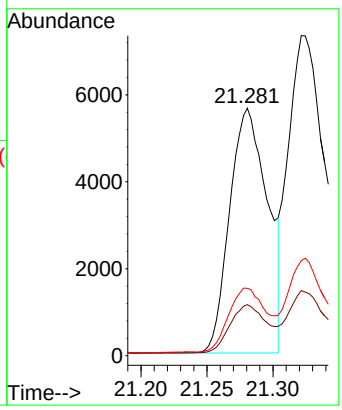


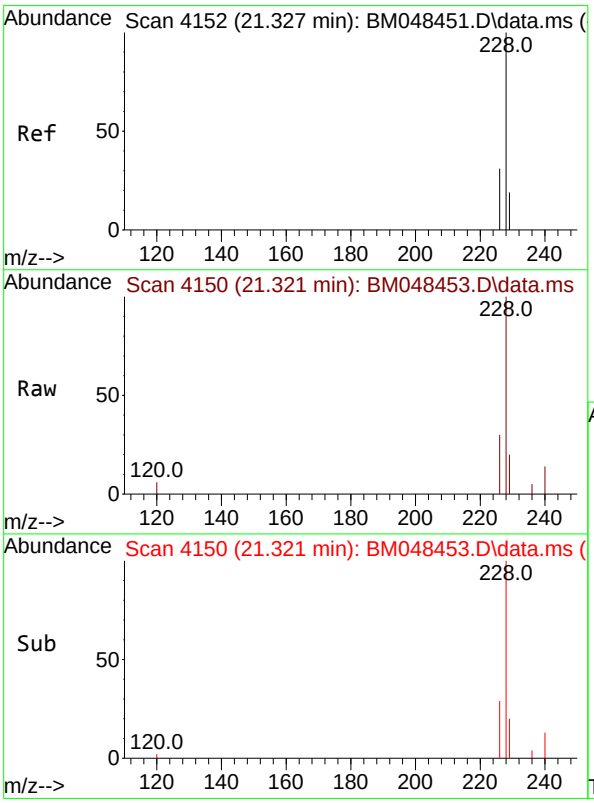
#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.281 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:228 Resp: 11246

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	27.2	22.1	33.1

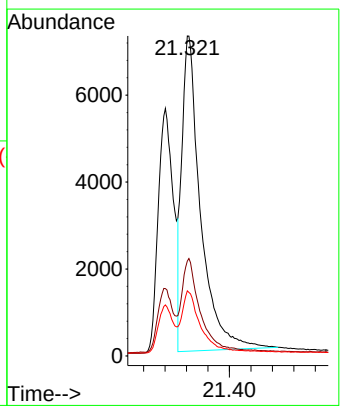


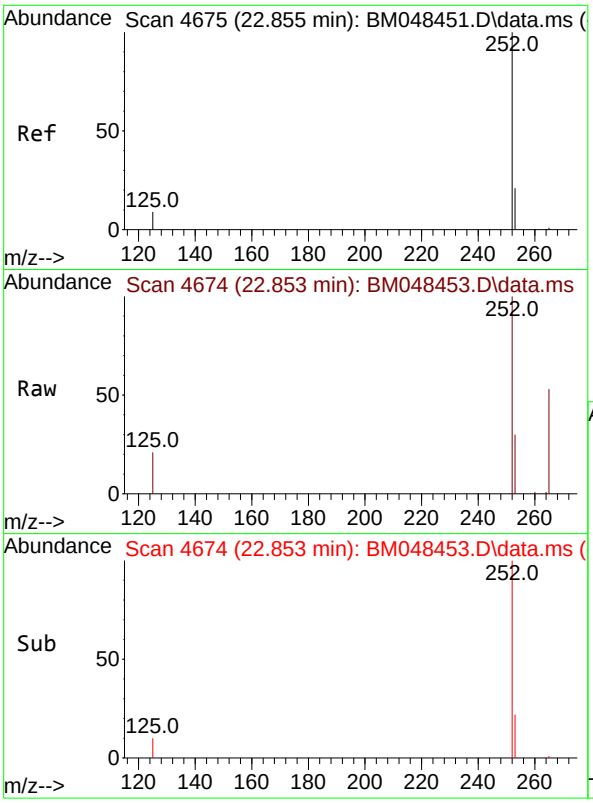


#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.321 min Scan# 4150
Delta R.T. -0.005 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:228 Resp: 17580

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	20.4	15.9	23.9



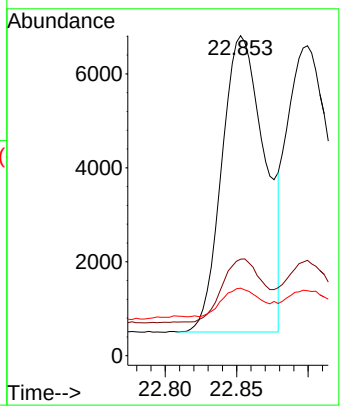


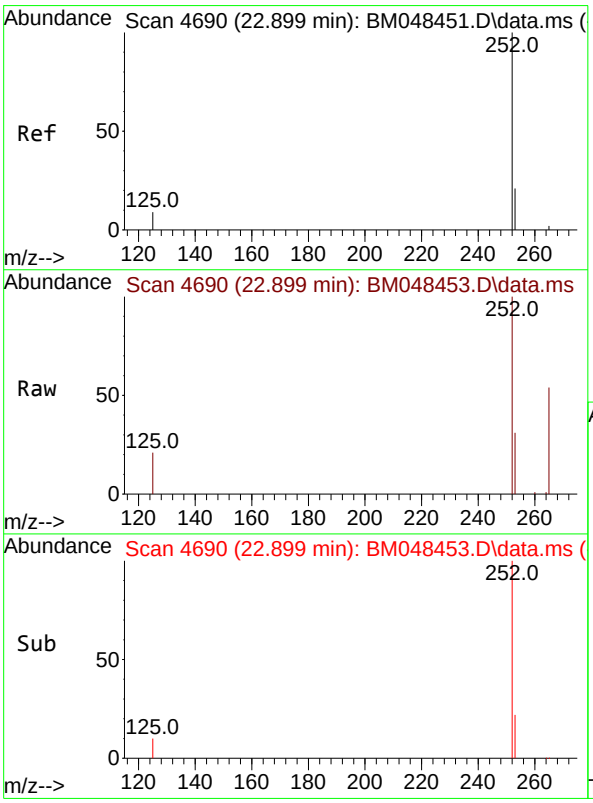
#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 22.853 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:252 Resp: 13229

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	59.4
125	21.1	0.0	38.0

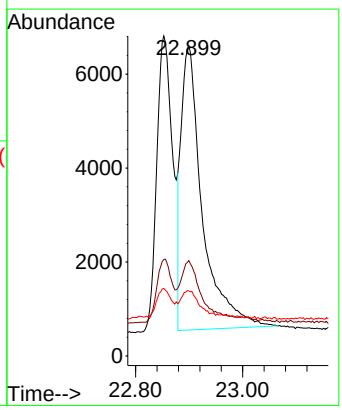


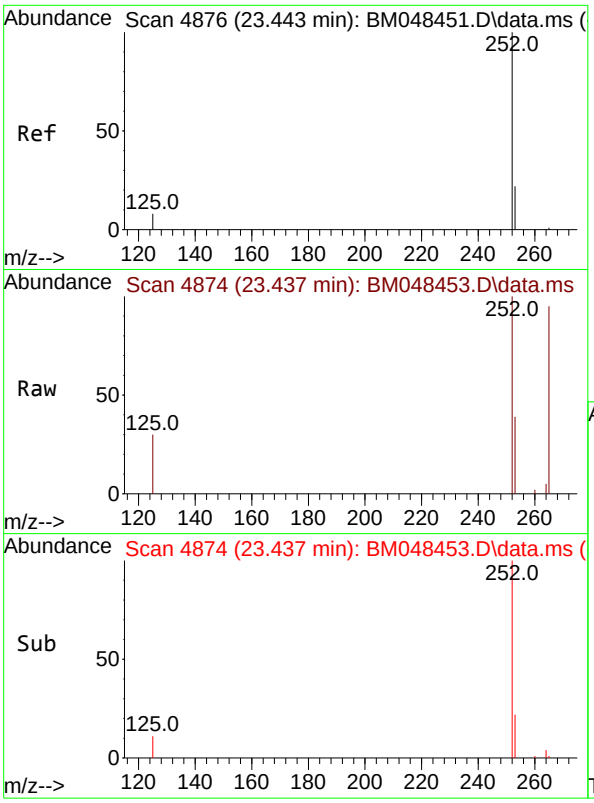


#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul
RT: 22.899 min Scan# 4690
Delta R.T. -0.005 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:252 Resp: 16663

Ion	Ratio	Lower	Upper
252	100		
253	30.8	23.4	35.0
125	20.9	15.3	22.9



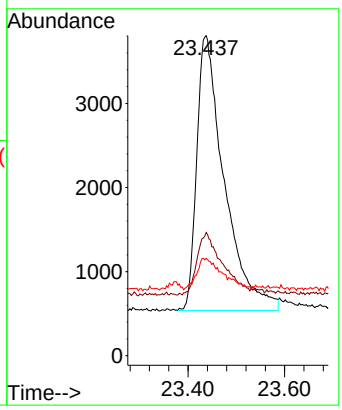


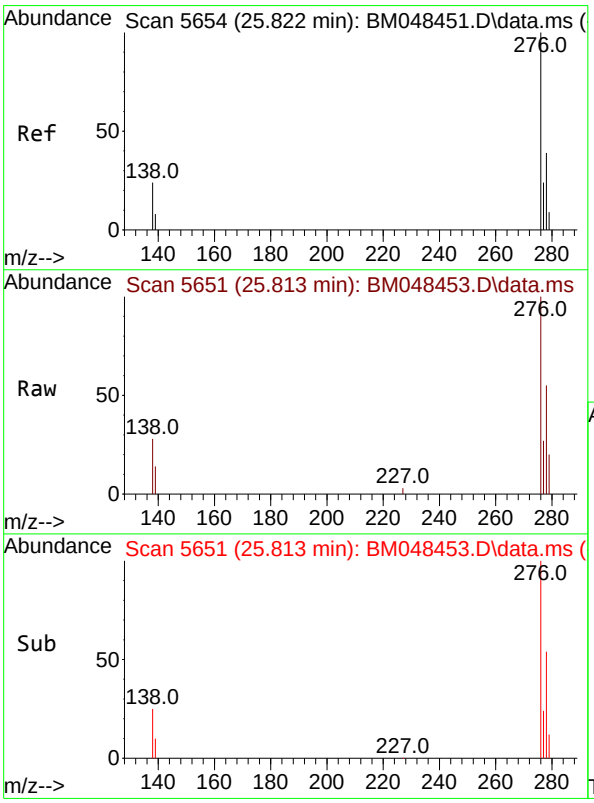
#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.437 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:252 Resp: 12950

Ion	Ratio	Lower	Upper
252	100		
253	38.5	27.7	41.5
125	30.5	21.1	31.7

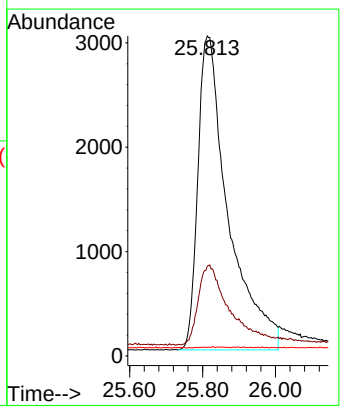


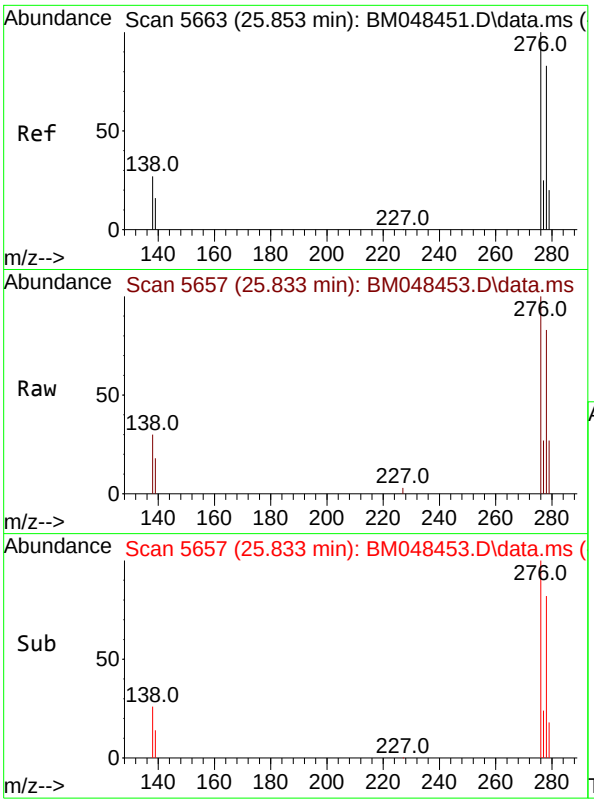


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.813 min Scan# 5651
Delta R.T. 0.000 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:276 Resp: 17388

Ion	Ratio	Lower	Upper
276	100		
138	26.4	19.6	29.4
227	0.1	0.1	0.1#



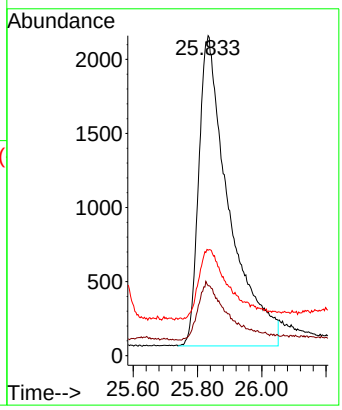


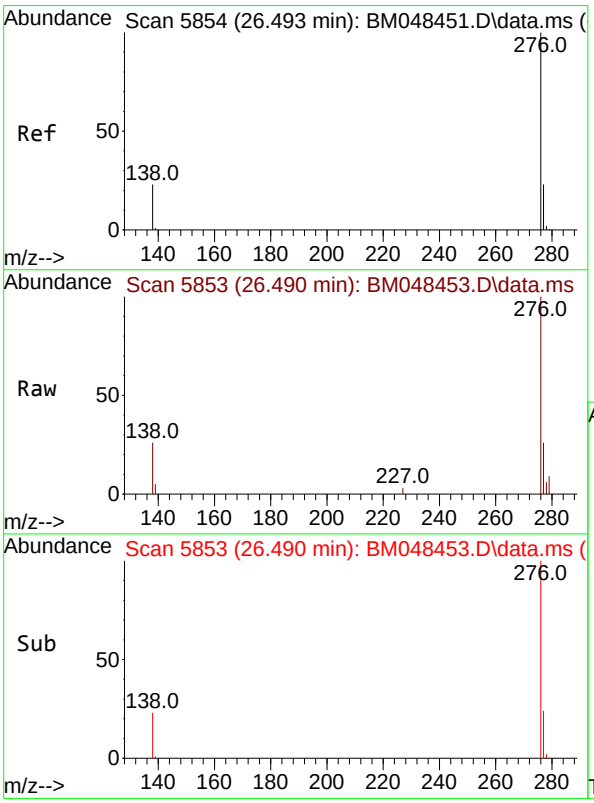
#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.833 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Instrument :
BNA_M
ClientSampleId :
SLCS575

Tgt Ion:278 Resp: 13634

Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.6	23.4
279	33.0	26.4	39.6





#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 26.490 min Scan# 5853
Delta R.T. -0.010 min
Lab File: BM048453.D
Acq: 05 Nov 2024 10:58

Tgt Ion:276 Resp: 15151

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.0	28.6
277	26.3	20.6	31.0