Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048415.D
Acq On : 02 Nov 2024 03:47
Operator : RC/JU
Sample : P4558-08MS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Quant Time: Nov 03 21:52:12 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 : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	2382	0.400	ng/ul	0.04
4) Naphthalene-d8	10.551	136	9484	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.363	164	5637	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	10595	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	10171	0.400	ng/ul	0.00
23) Perylene-d12	23.528	264	10160	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1241	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	4638	0.384	ng/ul	0.01
18) Fluoranthene-d10	19.137	212	13909	0.539	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	3763	1.186	ng/ul#	89
5) Naphthalene	10.595	128	8809	0.355	ng/ul	96
7) 2-Methylnaphthalene	12.229	142	4847	0.329	ng/ul	97
8) 1-Methylnaphthalene	12.421	142	5898	0.375	ng/ul	98
10) Acenaphthylene	14.095	152	7981	0.366	ng/ul	98
11) Acenaphthene	14.428	153	6749	0.386	ng/ul	98
12) Fluorene	15.436	166	7521	0.387	ng/ul	97
14) Pentachlorophenol	16.782	266	2643	0.896	ng/ul	95
15) Phenanthrene	17.162	178	12045	0.457	ng/ul	99
16) Anthracene	17.268	178	10543	0.428	ng/ul	98
19) Fluoranthene	19.169	202	17472	0.498	ng/ul	99
20) Pyrene	19.527	202	18538	0.493	ng/ul	100
21) Benzo(a)anthracene	21.280	228	12690	0.417	ng/ul	99
22) Chrysene	21.324	228	21572	0.514	ng/ul	100
24) Benzo(b)fluoranthene	22.852	252	16248	0.468	ng/ul	98
25) Benzo(k)fluoranthene	22.896	252	21378	0.520	ng/ul	100
26) Benzo(a)pyrene	23.437	252	15207	0.466	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.816	276	21051	0.462	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.836	278	16209	0.456	ng/ul	100
29) Benzo(g,h,i)perylene	26.496	276	18410	0.479	ng/ul	98

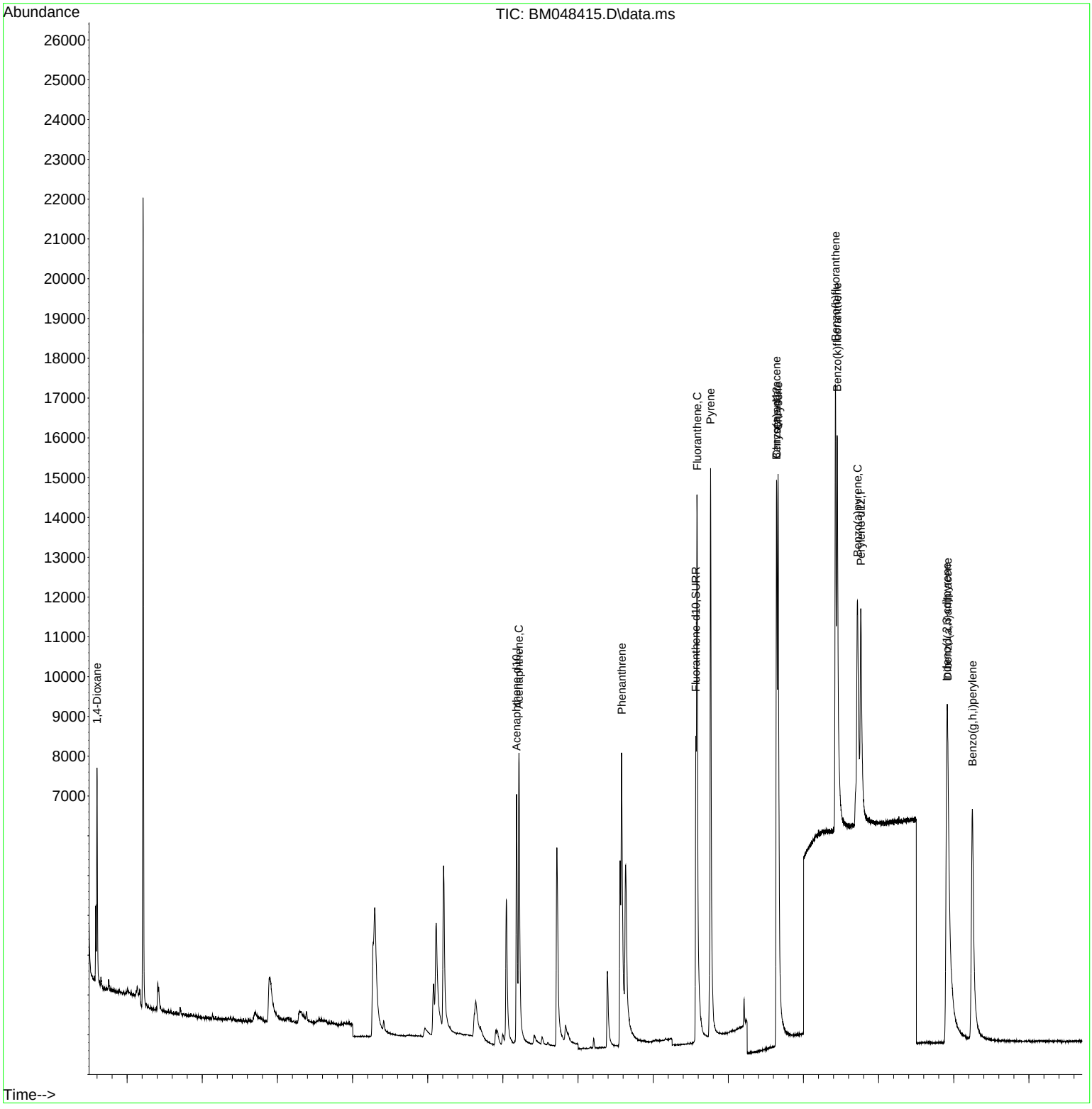
(#) = qualifier out of range (m) = manual integration (+) = signals summed

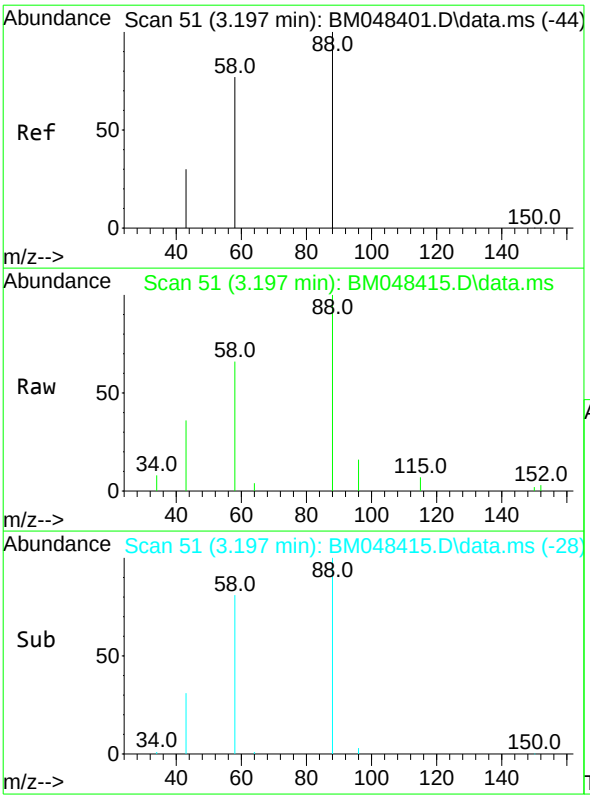
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048415.D
Acq On : 02 Nov 2024 03:47
Operator : RC/JU
Sample : P4558-08MS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Quant Time: Nov 03 21:52:12 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 : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration



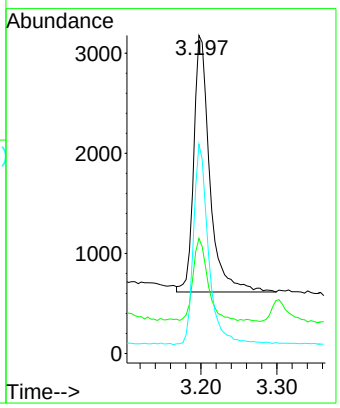


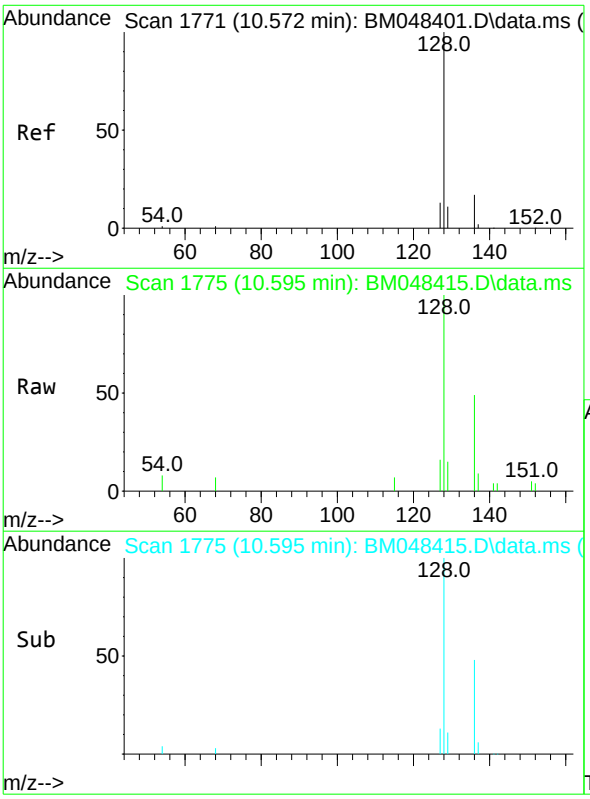
#2
1,4-Dioxane
Concen: 1.186 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion: 88 Resp: 3763

Ion	Ratio	Lower	Upper
88	100		
43	36.2	36.2	54.4#
58	65.8	47.4	71.0

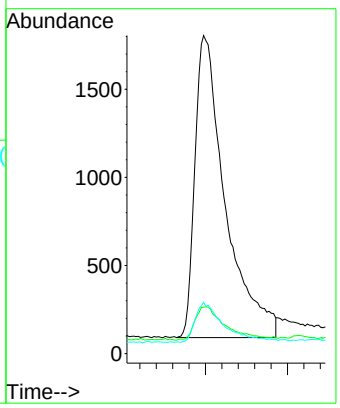


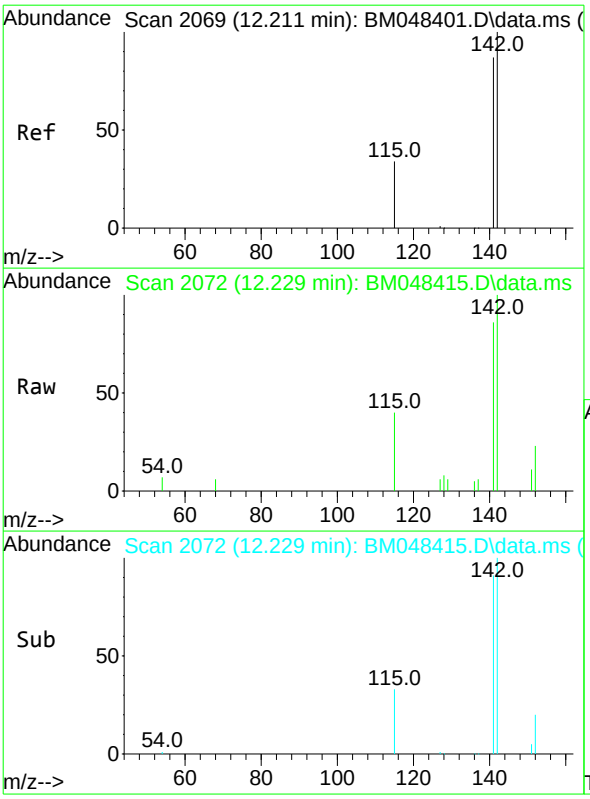


#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.595 min Scan# 1775
Delta R.T. 0.016 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:128 Resp: 8809

Ion	Ratio	Lower	Upper
128	100		
129	14.6	10.6	15.8
127	16.1	11.4	17.2



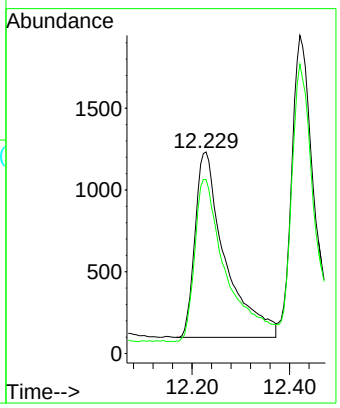


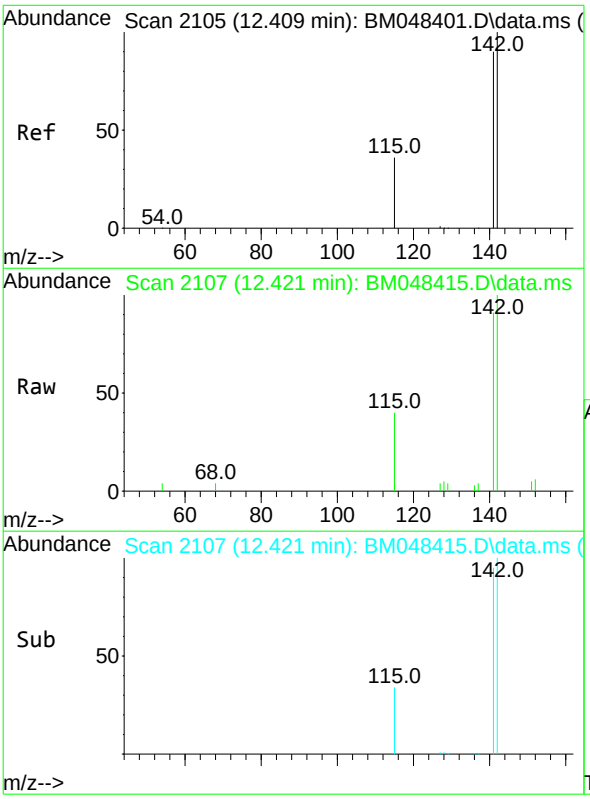
#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.229 min Scan# 20
Delta R.T. 0.016 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:142 Resp: 4847

Ion	Ratio	Lower	Upper
142	100		
141	93.0	72.2	108.2

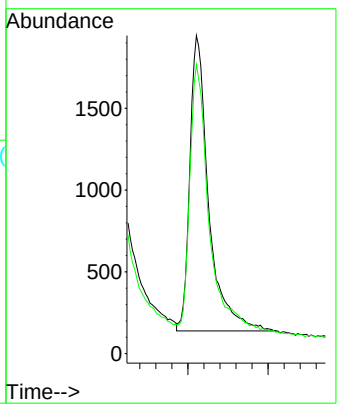


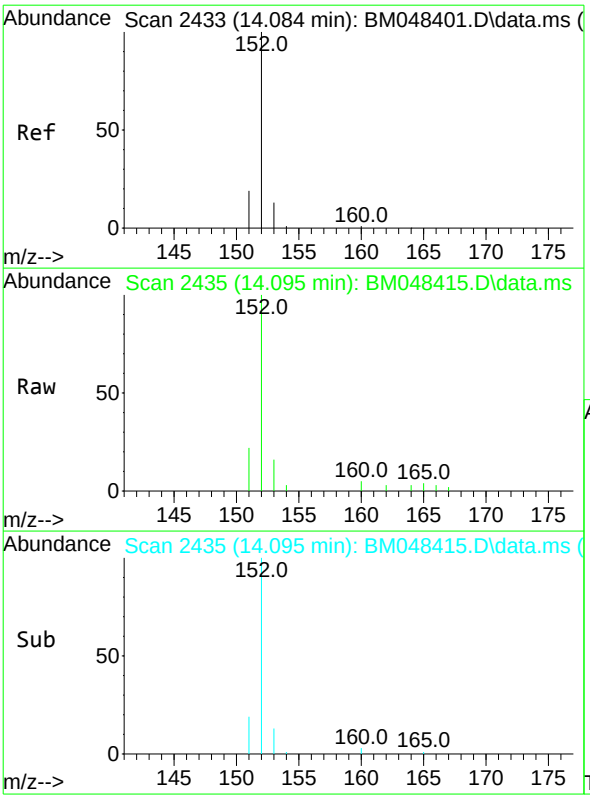


#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:142 Resp: 5898

Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.5	113.3



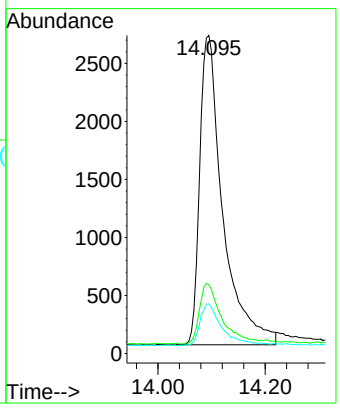


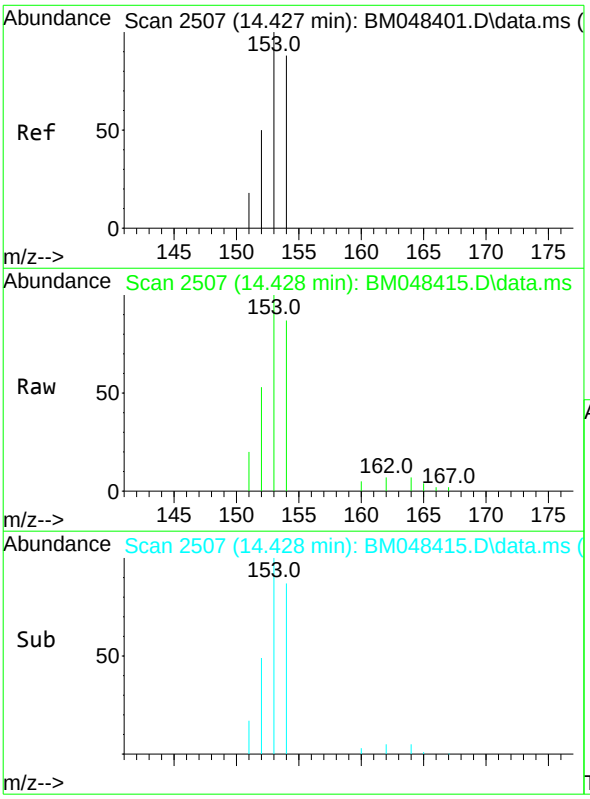
#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.095 min Scan# 24
Delta R.T. 0.005 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:152 Resp: 7981

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.6	24.8
153	15.6	11.8	17.6

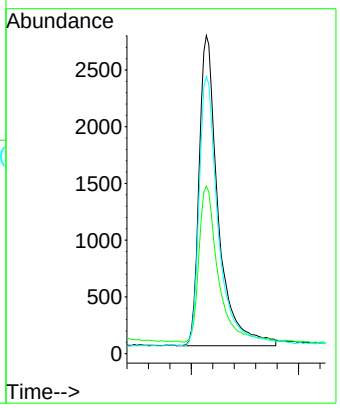


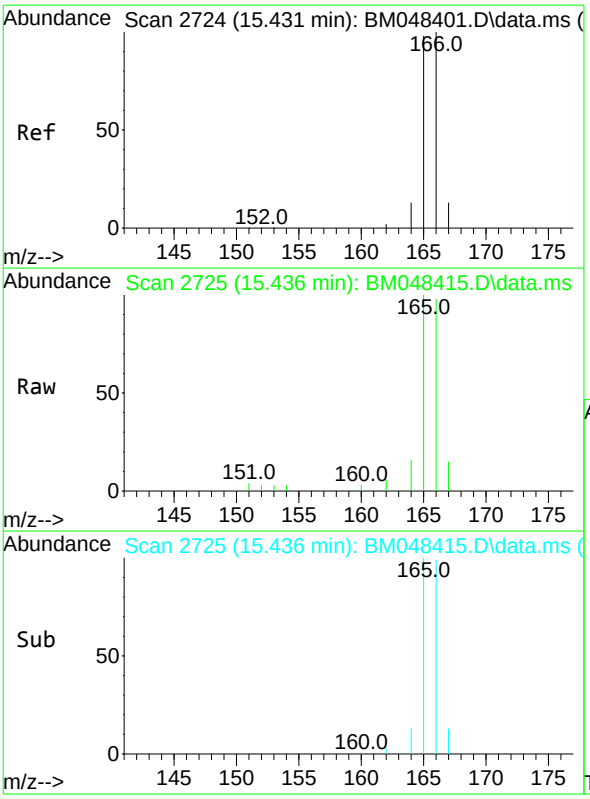


#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.428 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:153 Resp: 6749

Ion	Ratio	Lower	Upper
153	100		
152	52.6	40.7	61.1
154	87.0	70.6	106.0



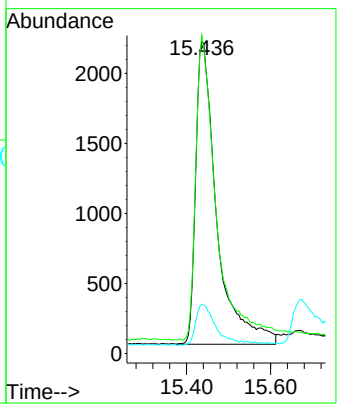


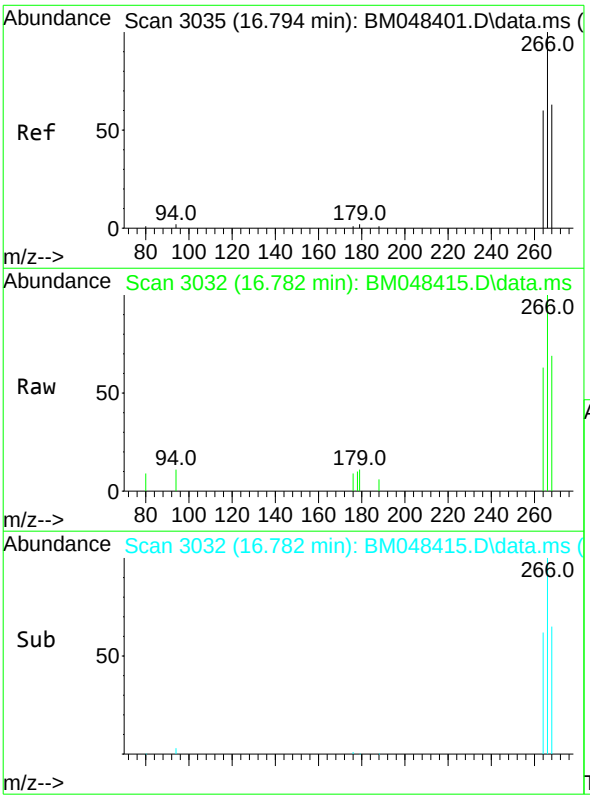
#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.436 min Scan# 27
Delta R.T. 0.005 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:166 Resp: 7521

Ion	Ratio	Lower	Upper
166	100		
165	102.0	78.6	118.0
167	15.8	12.1	18.1

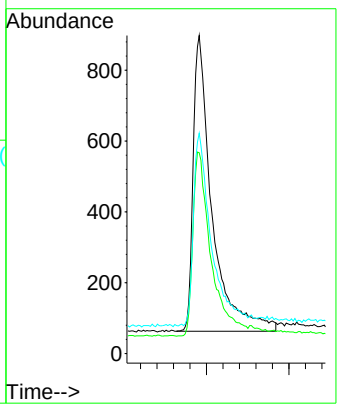


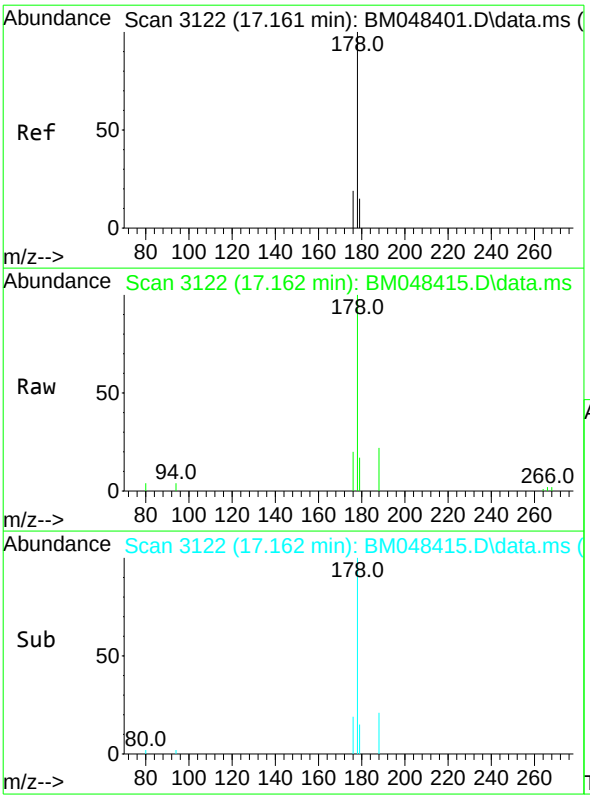


#14
Pentachlorophenol
Concen: 0.896 ng/ul
RT: 16.782 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:266 Resp: 2643

Ion	Ratio	Lower	Upper
266	100		
264	60.0	48.3	72.5
268	65.5	46.2	69.4



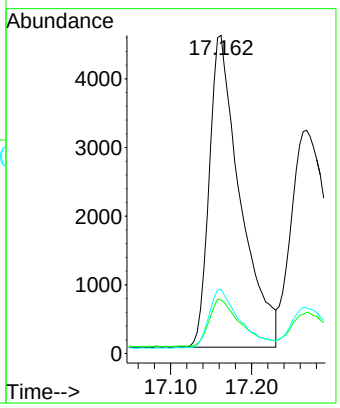


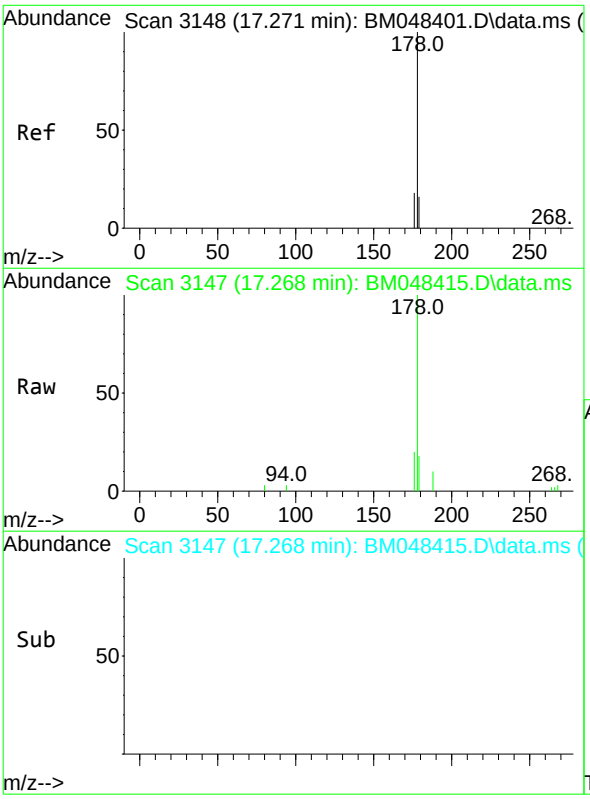
#15
Phenanthrene
Concen: 0.457 ng/ul
RT: 17.162 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:178 Resp: 12045

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.9	20.9
176	20.1	16.0	24.0

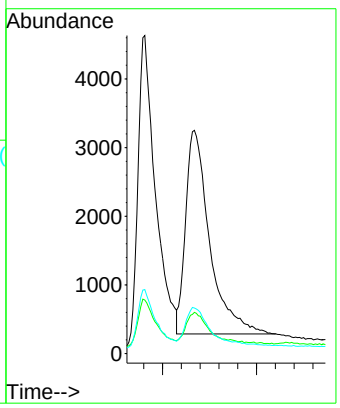


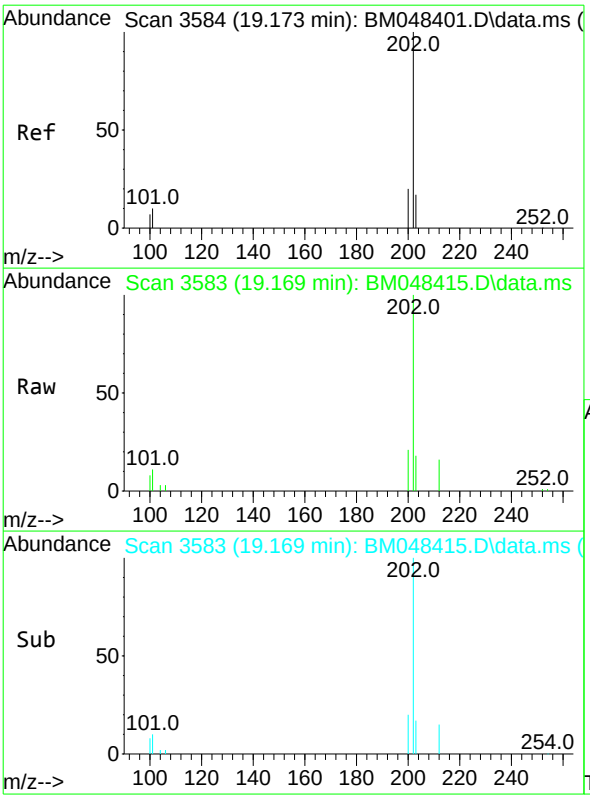


#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.268 min Scan# 3147
Delta R.T. 0.008 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:178 Resp: 10543

Ion	Ratio	Lower	Upper
178	100		
179	18.5	14.2	21.2
176	20.4	15.8	23.6



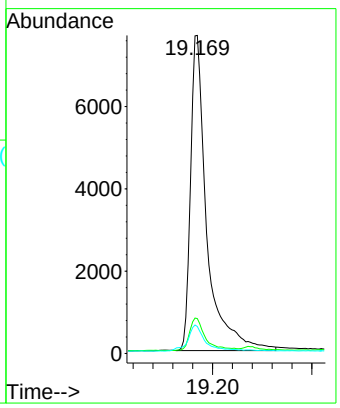


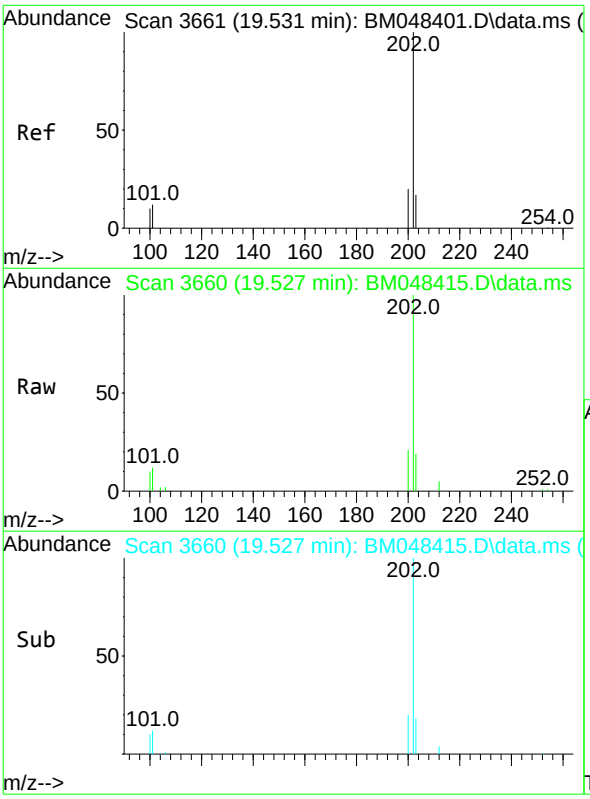
#19
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.169 min Scan# 35
Delta R.T. -0.000 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:202 Resp: 17472

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
100	8.5	6.6	10.0

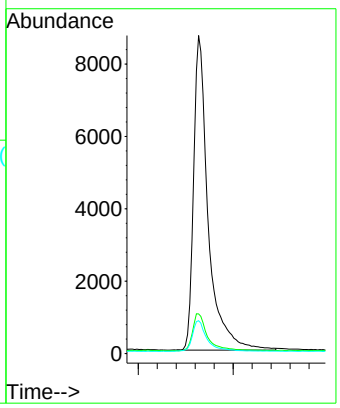


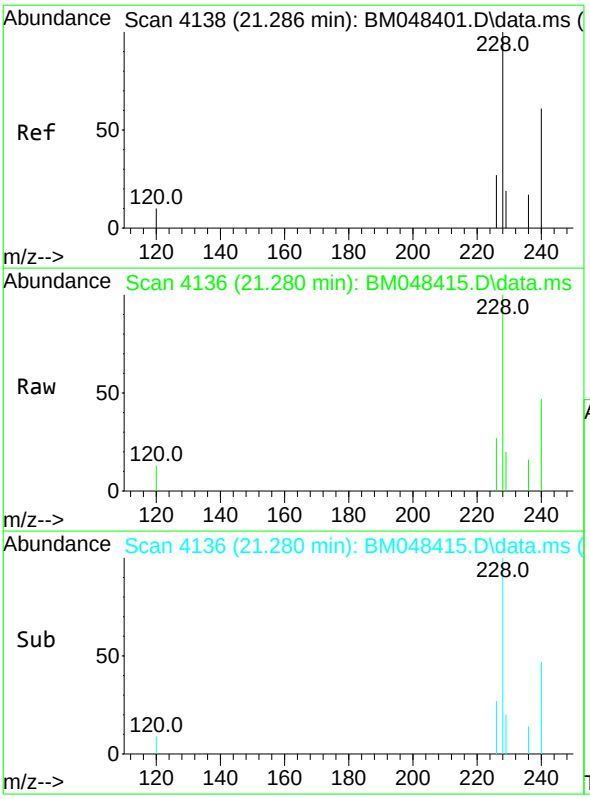


#20
Pyrene
Concen: 0.493 ng/ul
RT: 19.527 min Scan# 3660
Delta R.T. -0.005 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:202 Resp: 18538

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	10.3	8.0	12.0



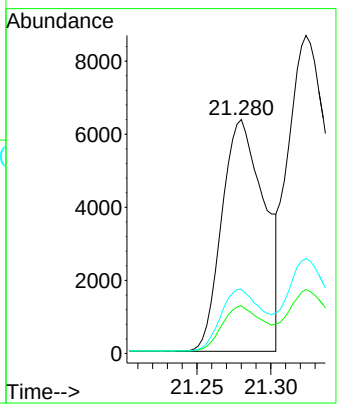


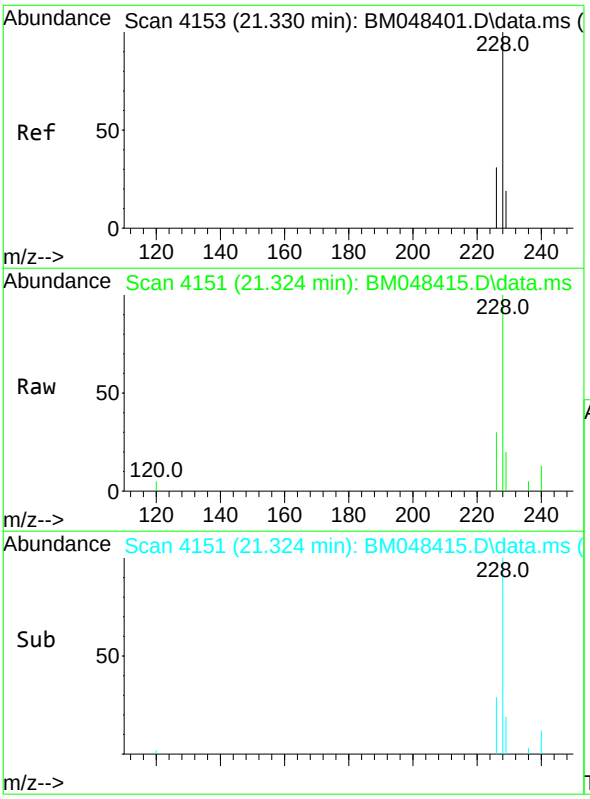
#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.280 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:228 Resp: 12690

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.4	22.1	33.1

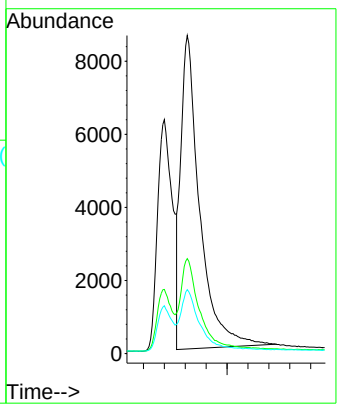


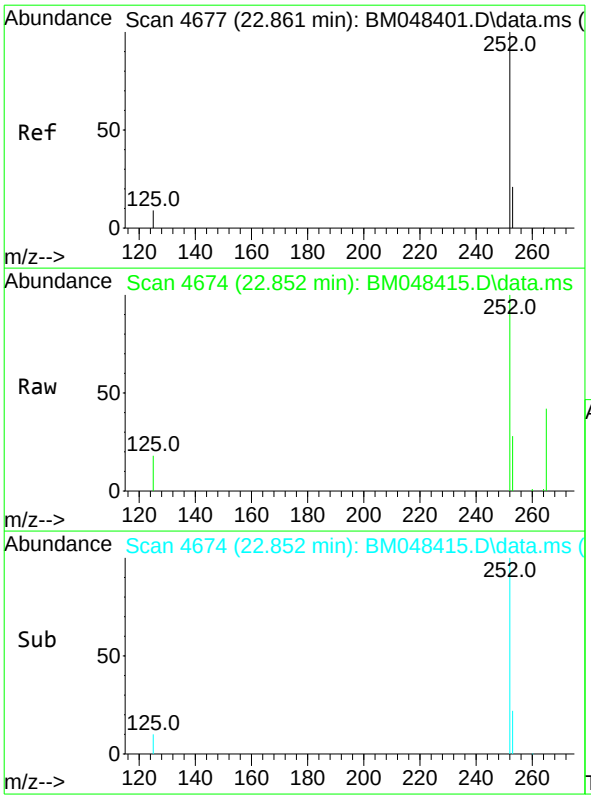


#22
Chrysene
Concen: 0.514 ng/ul
RT: 21.324 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:228 Resp: 21572

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	20.1	15.9	23.9



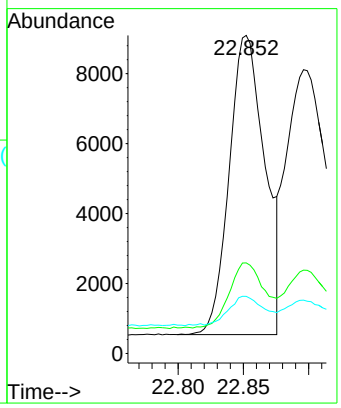


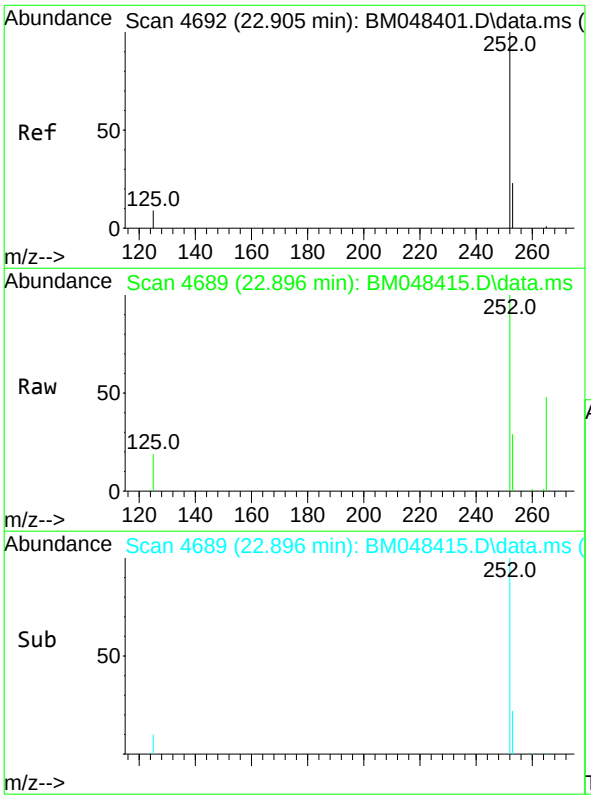
#24
Benzo(b)fluoranthene
Concen: 0.468 ng/ul
RT: 22.852 min Scan# 46
Delta R.T. -0.009 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:252 Resp: 16248

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	59.4
125	18.0	0.0	38.0

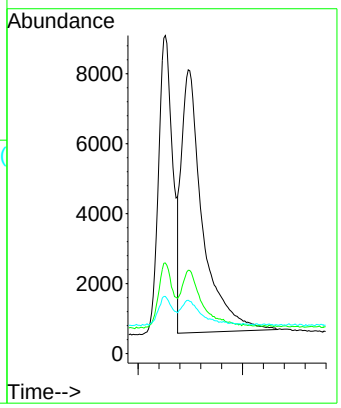


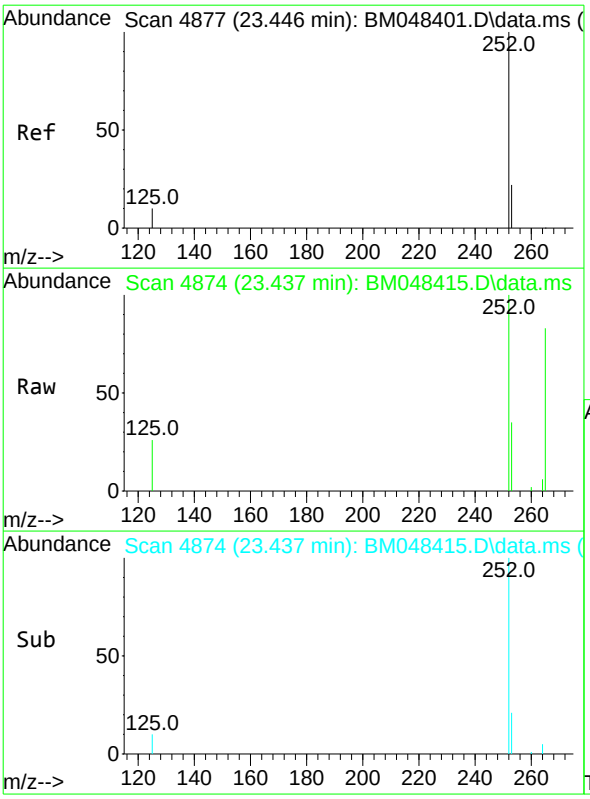


#25
Benzo(k)fluoranthene
Concen: 0.520 ng/ul
RT: 22.896 min Scan# 4689
Delta R.T. -0.009 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:252 Resp: 21378

Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.4	35.0
125	18.8	15.3	22.9



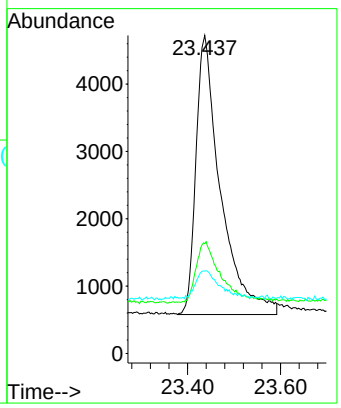


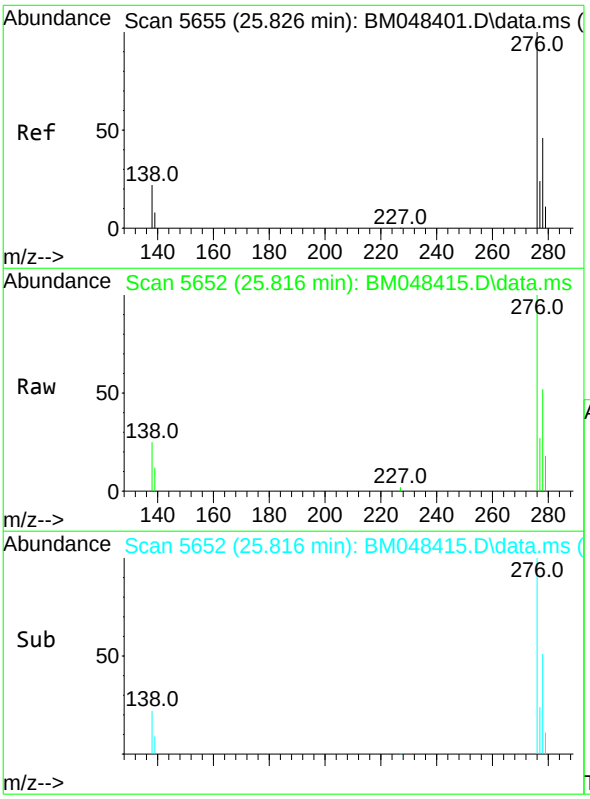
#26
Benzo(a)pyrene
Concen: 0.466 ng/ul
RT: 23.437 min Scan# 48
Delta R.T. -0.003 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:252 Resp: 15207

Ion	Ratio	Lower	Upper
252	100		
253	34.6	27.7	41.5
125	25.9	21.1	31.7

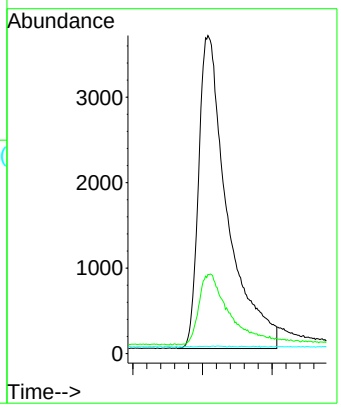


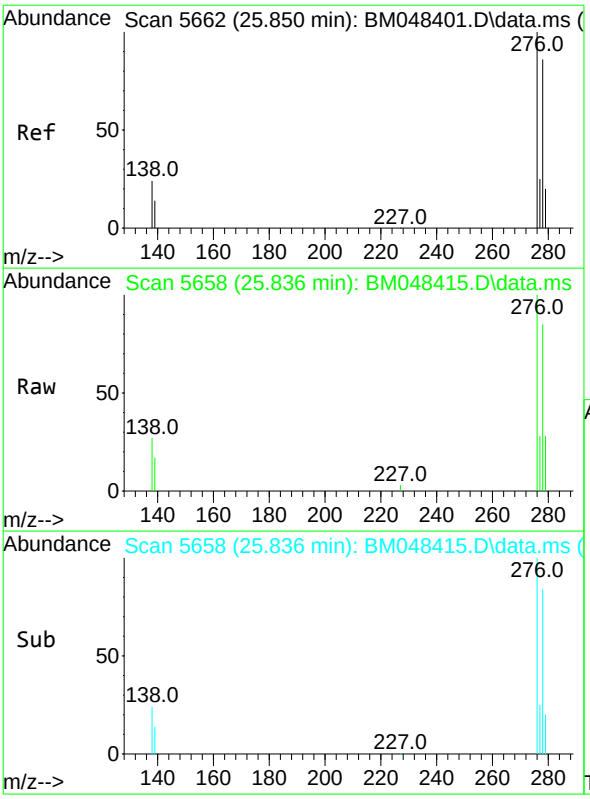


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng/ul
RT: 25.816 min Scan# 5652
Delta R.T. 0.003 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:276 Resp: 21051

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.6	29.4
227	0.0	0.1	0.1#



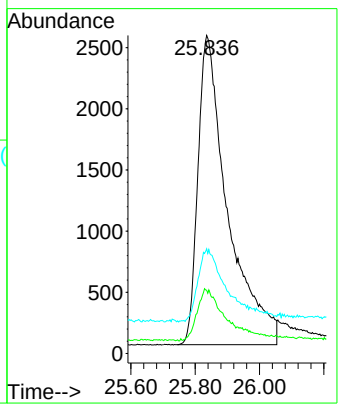


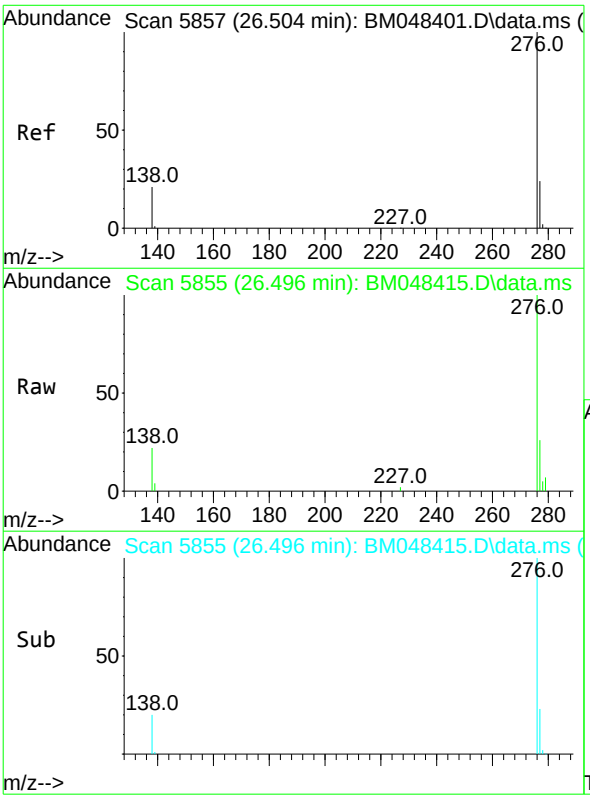
#28
Dibenzo(a,h)anthracene
Concen: 0.456 ng/ul
RT: 25.836 min Scan# 56
Delta R.T. -0.000 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Instrument :
BNA_M
ClientSampleId :
E1L92MS

Tgt Ion:278 Resp: 16209

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.6	23.4
279	32.9	26.4	39.6





#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul
RT: 26.496 min Scan# 5855
Delta R.T. -0.003 min
Lab File: BM048415.D
Acq: 02 Nov 2024 03:47

Tgt Ion:276 Resp: 18410

Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.0	28.6
277	25.6	20.6	31.0