Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048416.D
Acq On : 02 Nov 2024 04:24
Operator : RC/JU
Sample : P4558-09MSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Quant Time: Nov 03 21:52:23 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	7.775	152	2636	0.400	ng/ul	0.03
4) Naphthalene-d8	10.546	136	10111	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.363	164	5963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	11165	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	10680	0.400	ng/ul	0.00
23) Perylene-d12	23.525	264	10652	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1374	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	4897	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	14389	0.531	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	3802	1.082	ng/ul#	90
5) Naphthalene	10.590	128	9346	0.354	ng/ul	97
7) 2-Methylnaphthalene	12.223	142	5232	0.333	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	6190	0.369	ng/ul	96
10) Acenaphthylene	14.090	152	8416	0.365	ng/ul	99
11) Acenaphthene	14.428	153	7072	0.383	ng/ul	98
12) Fluorene	15.436	166	7890	0.384	ng/ul	99
14) Pentachlorophenol	16.778	266	2764	0.889	ng/ul	95
15) Phenanthrene	17.158	178	12491	0.450	ng/ul	99
16) Anthracene	17.264	178	11022	0.424	ng/ul	99
19) Fluoranthene	19.165	202	18217	0.495	ng/ul	99
20) Pyrene	19.527	202	19358	0.490	ng/ul	99
21) Benzo(a)anthracene	21.277	228	13399	0.419	ng/ul	99
22) Chrysene	21.324	228	22160	0.503	ng/ul	99
24) Benzo(b)fluoranthene	22.849	252	17407	0.478	ng/ul	97
25) Benzo(k)fluoranthene	22.896	252	21727	0.504	ng/ul	98
26) Benzo(a)pyrene	23.431	252	15689	0.459	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.812	276	21897	0.458	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.836	278	16950	0.455	ng/ul	100
29) Benzo(g,h,i)perylene	26.490	276	19226	0.477	ng/ul	99

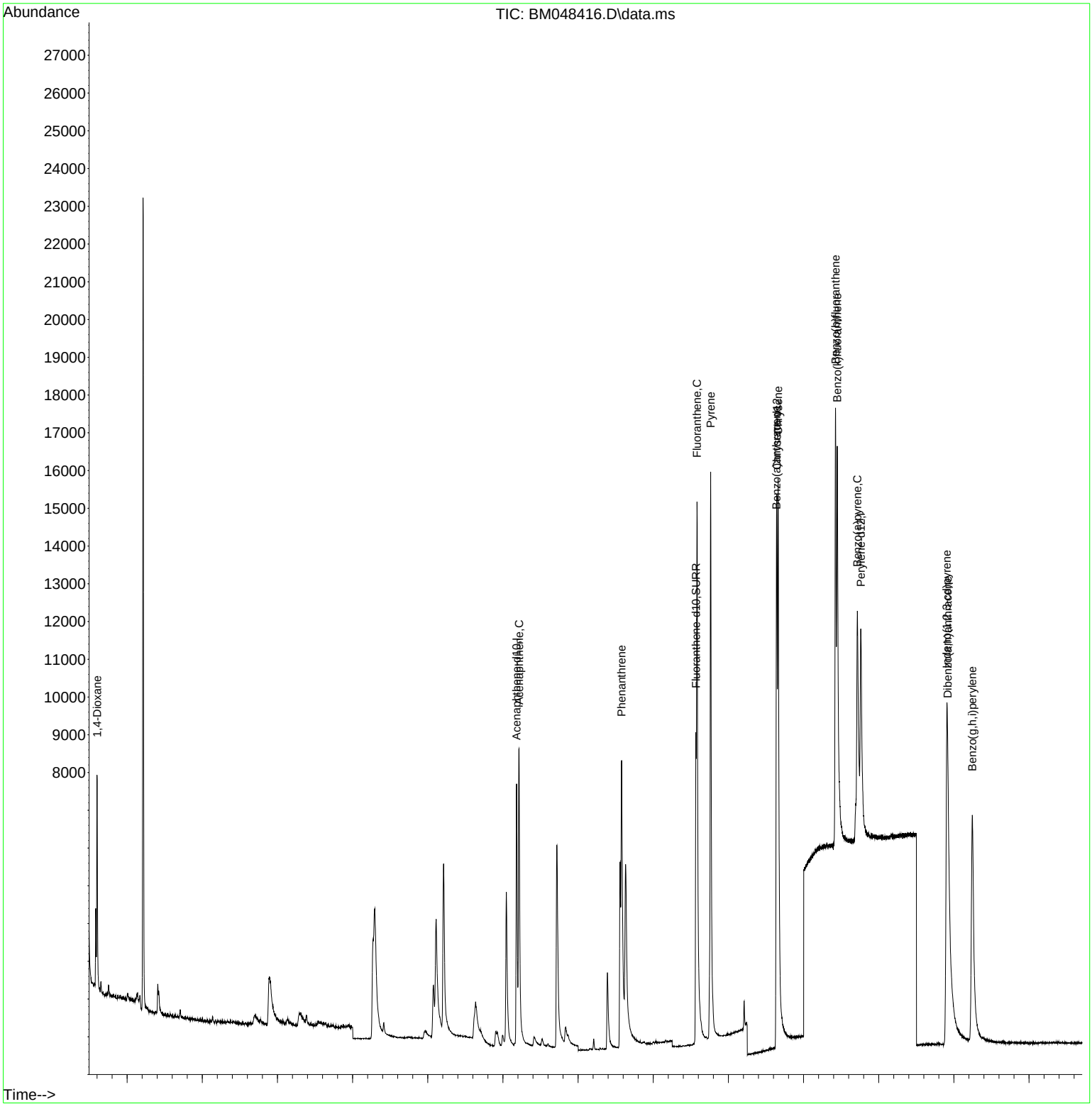
(#) = qualifier out of range (m) = manual integration (+) = signals summed

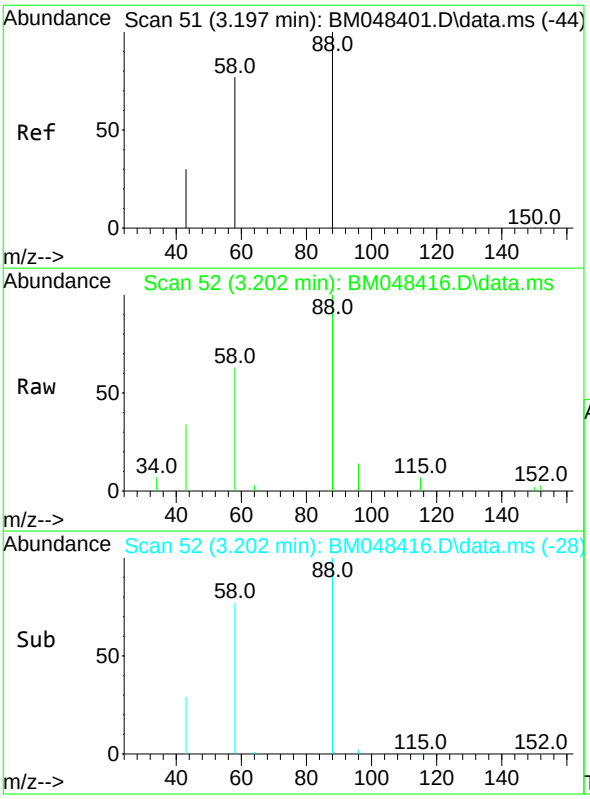
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048416.D
Acq On : 02 Nov 2024 04:24
Operator : RC/JU
Sample : P4558-09MSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Quant Time: Nov 03 21:52:23 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



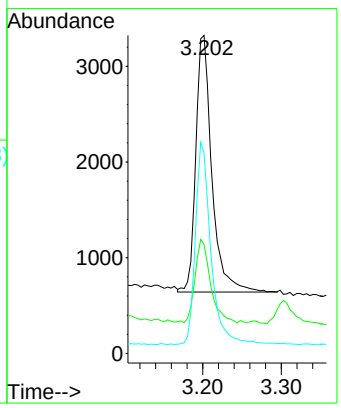


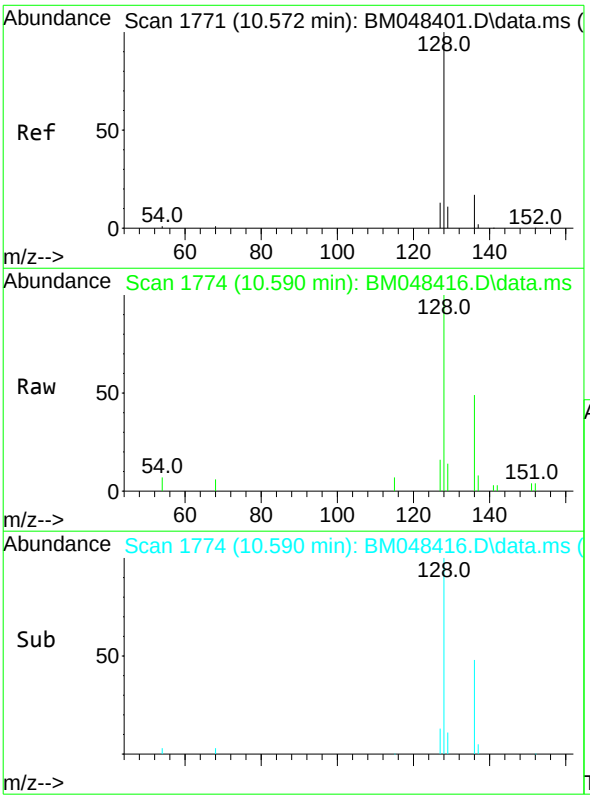
#2
1,4-Dioxane
Concen: 1.082 ng/ul
RT: 3.202 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion: 88 Resp: 3802

Ion	Ratio	Lower	Upper
88	100		
43	34.2	36.2	54.4#
58	62.9	47.4	71.0

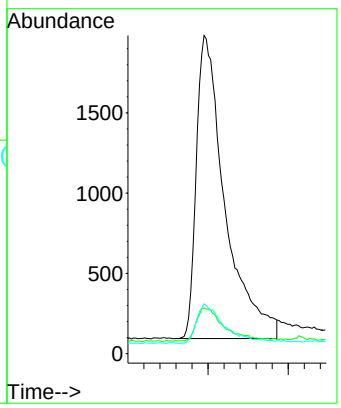


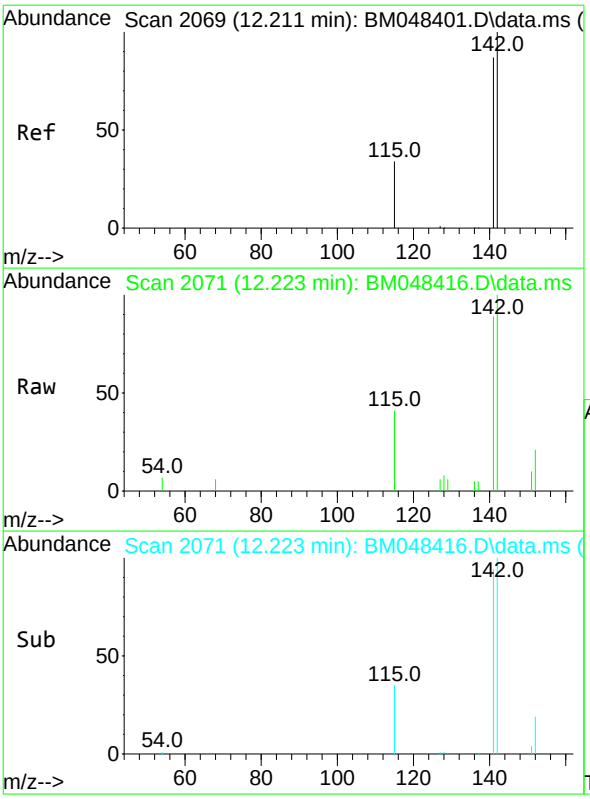


#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.590 min Scan# 1774
Delta R.T. 0.011 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:128 Resp: 9346

Ion	Ratio	Lower	Upper
128	100		
129	14.3	10.6	15.8
127	15.7	11.4	17.2



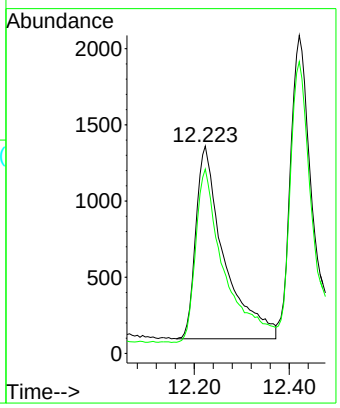


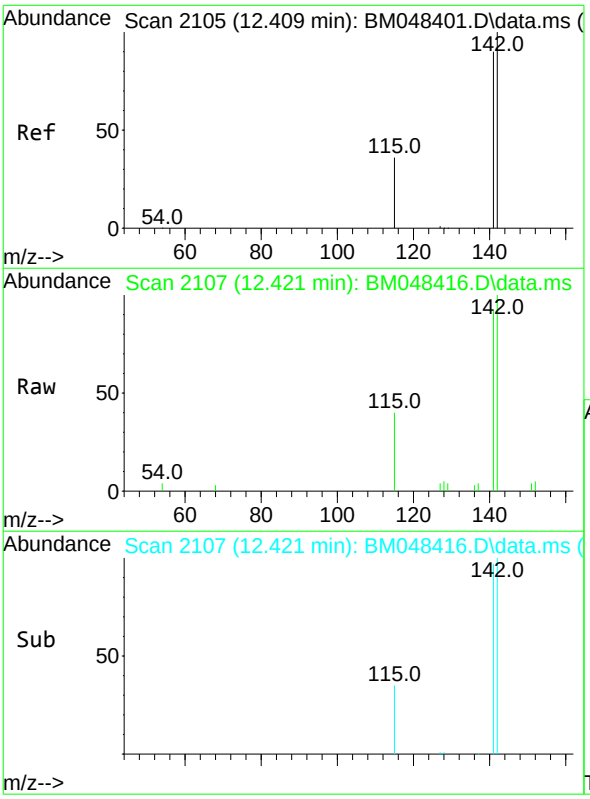
#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.223 min Scan# 20
Delta R.T. 0.011 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:142 Resp: 5232

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.2

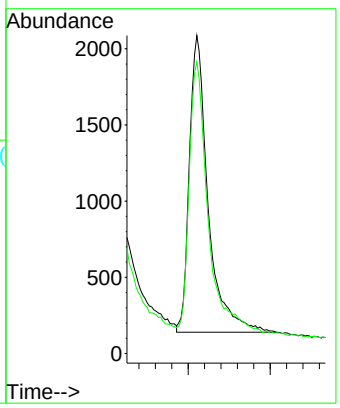


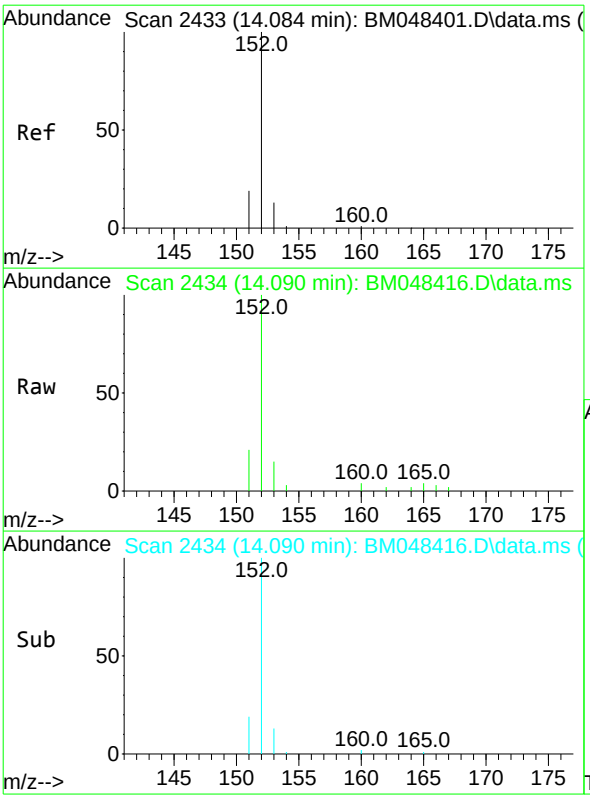


#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:142 Resp: 6190

Ion	Ratio	Lower	Upper
142	100		
141	90.5	75.5	113.3



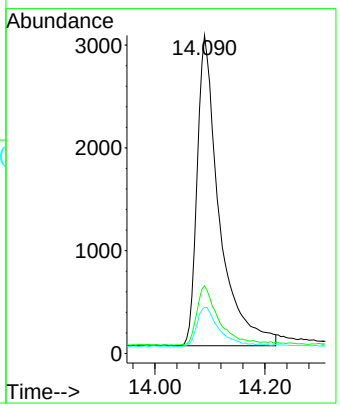


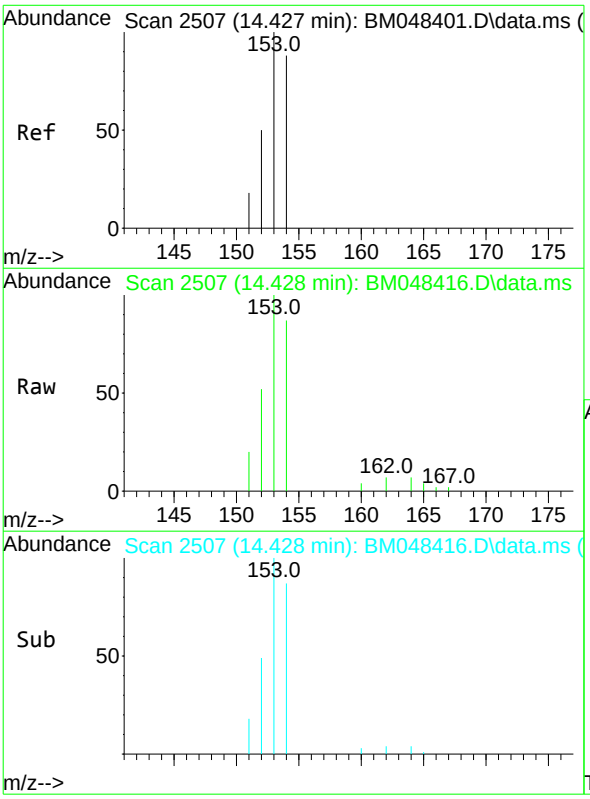
#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.090 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:152 Resp: 8416

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	24.8
153	14.5	11.8	17.6

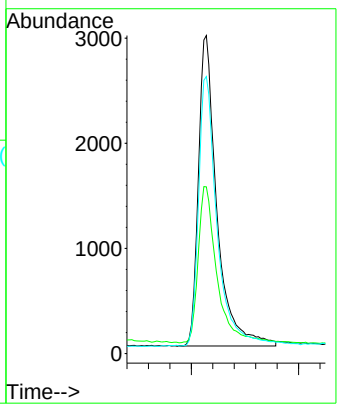


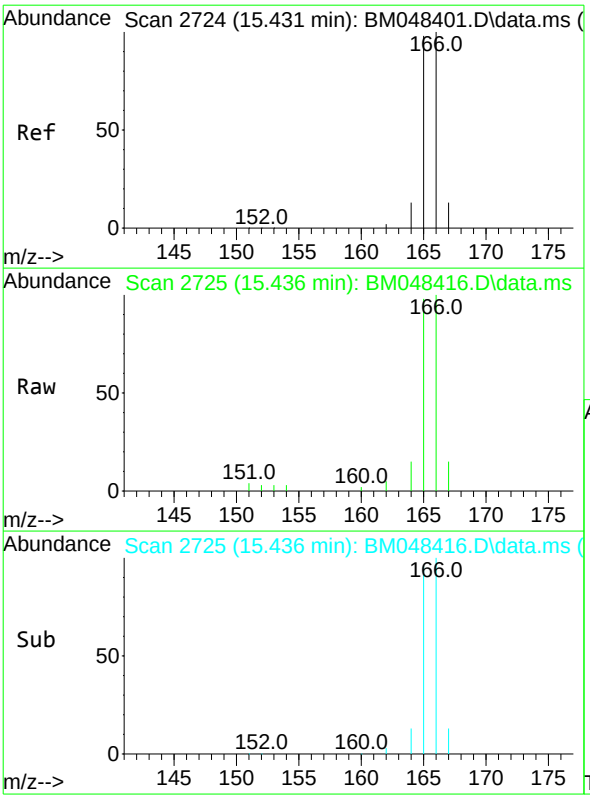


#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.428 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:153 Resp: 7072

Ion	Ratio	Lower	Upper
153	100		
152	52.4	40.7	61.1
154	87.1	70.6	106.0



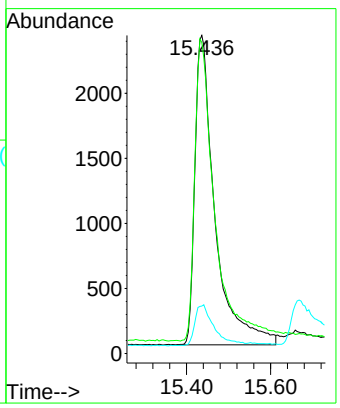


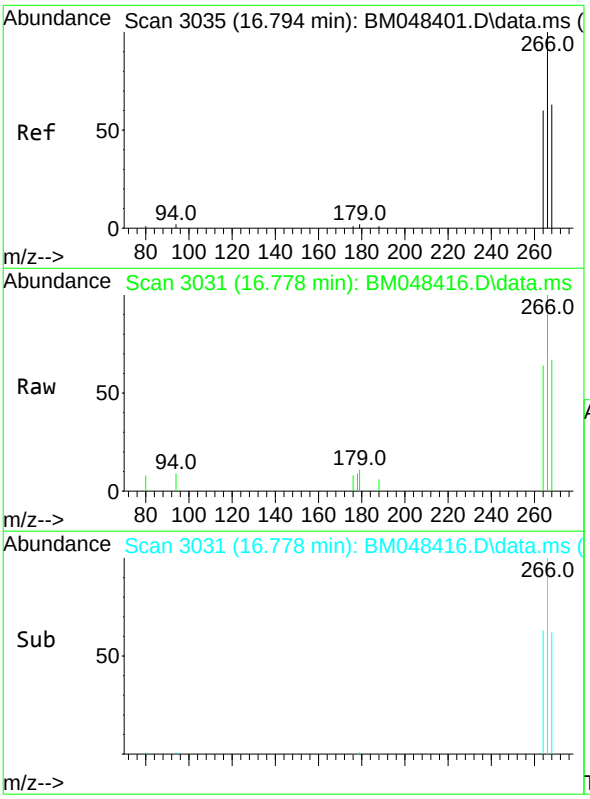
#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.436 min Scan# 27
Delta R.T. 0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:166 Resp: 7890

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	14.9	12.1	18.1

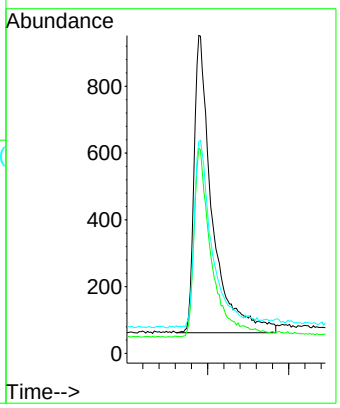


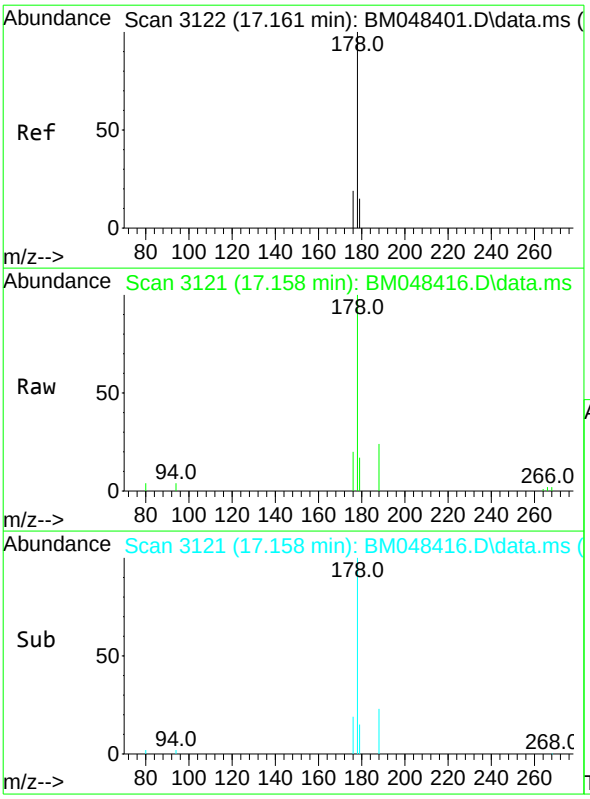


#14
Pentachlorophenol
Concen: 0.889 ng/ul
RT: 16.778 min Scan# 3031
Delta R.T. -0.009 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:266 Resp: 2764

Ion	Ratio	Lower	Upper
266	100		
264	61.6	48.3	72.5
268	63.7	46.2	69.4



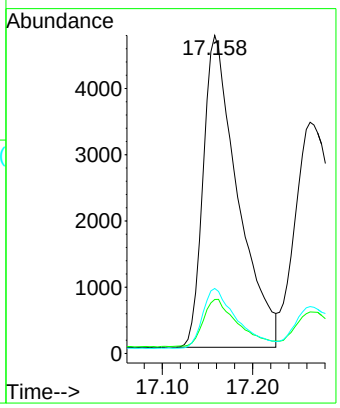


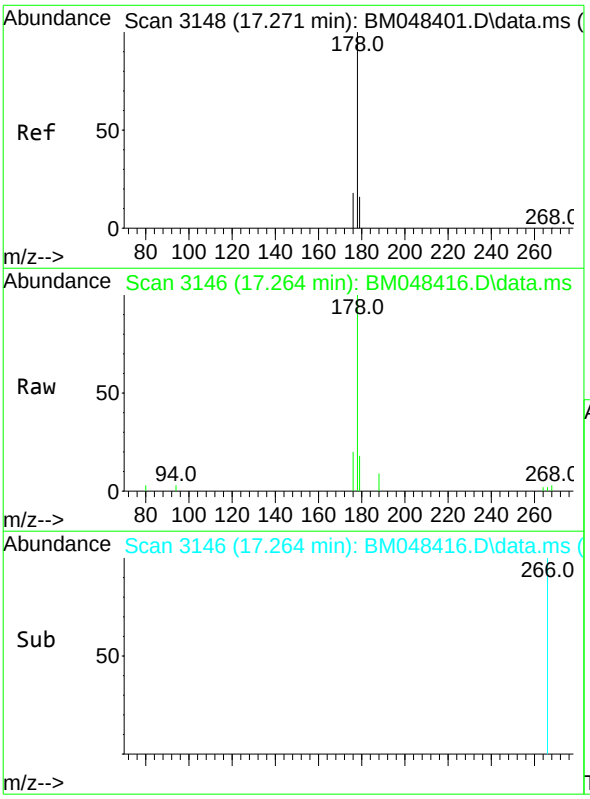
#15
Phenanthrene
Concen: 0.450 ng/ul
RT: 17.158 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:178 Resp: 12491

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.9	20.9
176	20.4	16.0	24.0

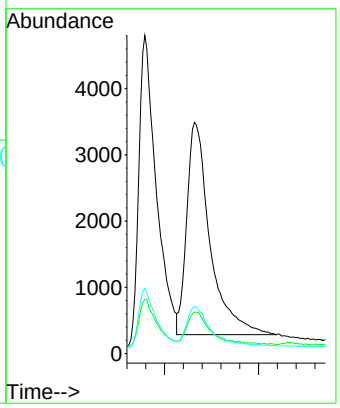


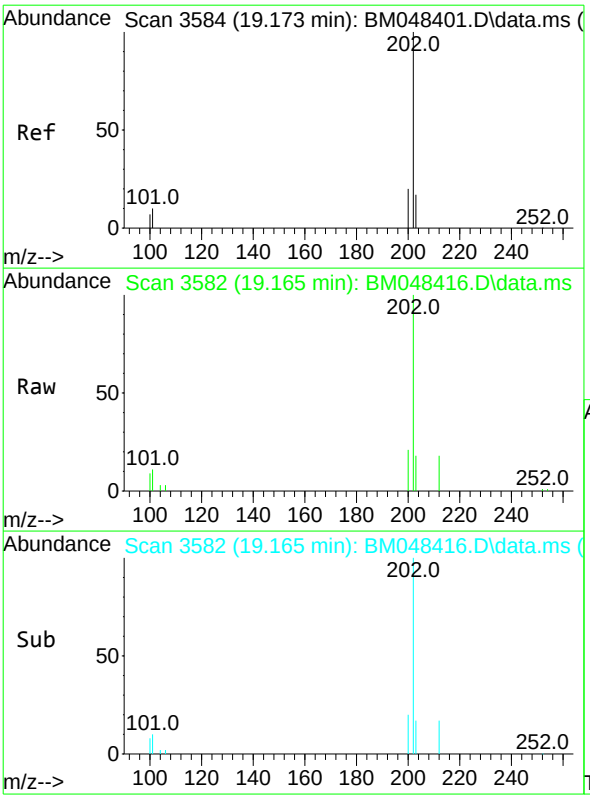


#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.264 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:178 Resp: 11022

Ion	Ratio	Lower	Upper
178	100		
179	18.0	14.2	21.2
176	20.3	15.8	23.6



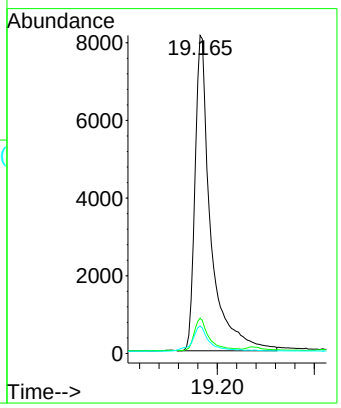


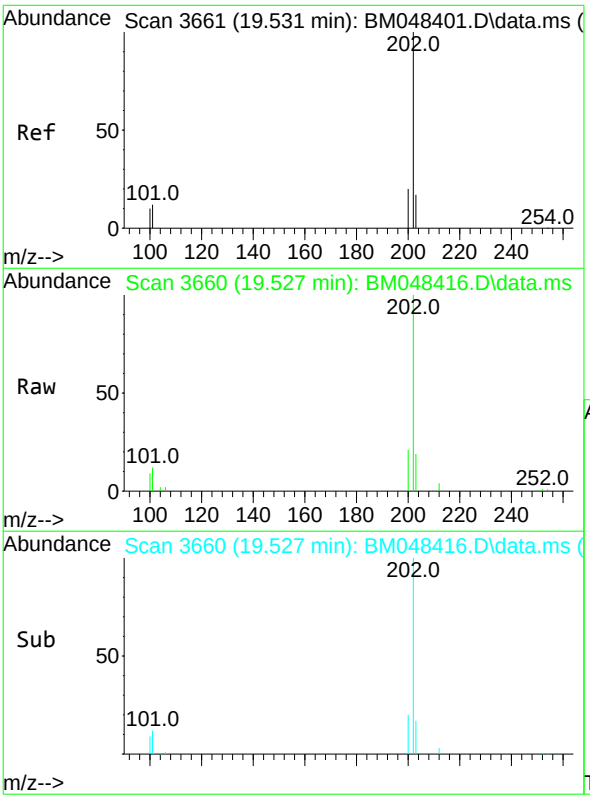
#19
Fluoranthene
Concen: 0.495 ng/ul
RT: 19.165 min Scan# 35
Delta R.T. -0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:202 Resp: 18217

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
100	8.6	6.6	10.0

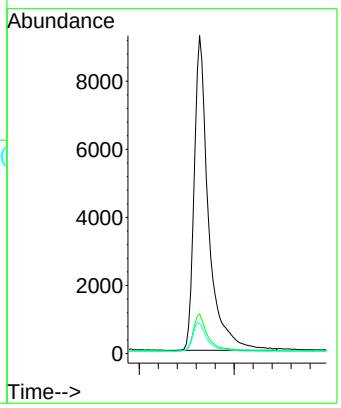


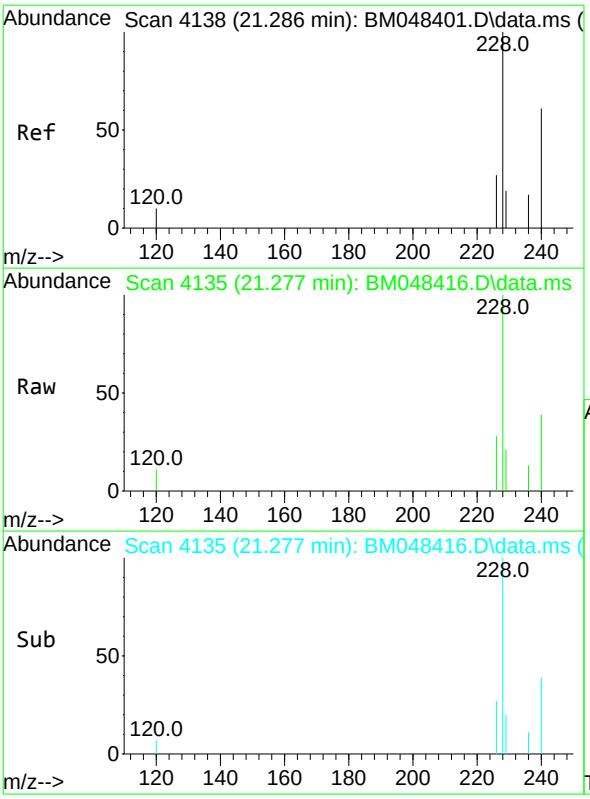


#20
Pyrene
Concen: 0.490 ng/ul
RT: 19.527 min Scan# 3660
Delta R.T. -0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:202 Resp: 19358

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	9.5	8.0	12.0



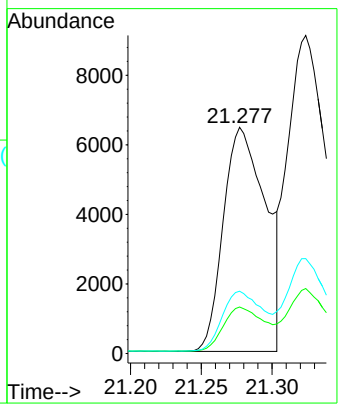


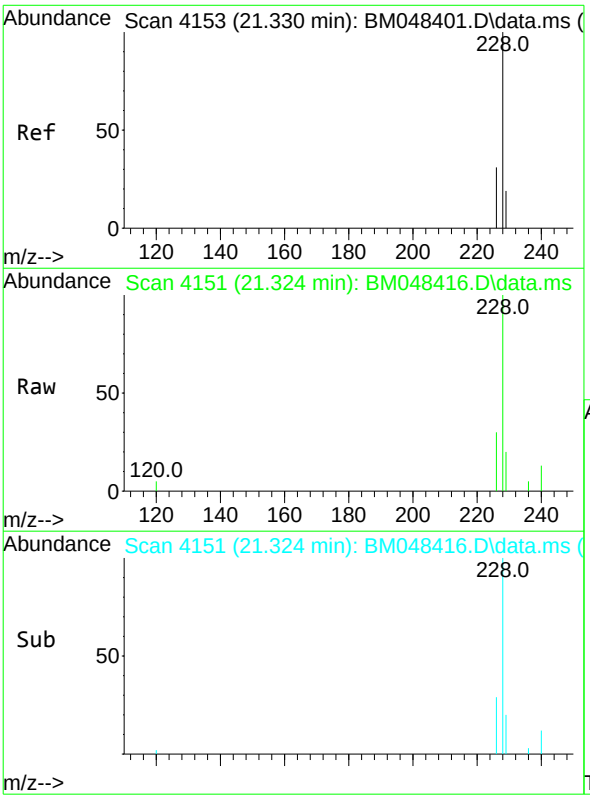
#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.277 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:228 Resp: 13399

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.5	22.1	33.1

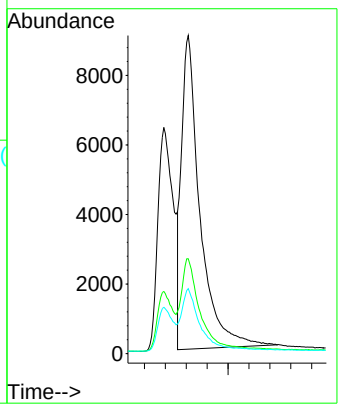


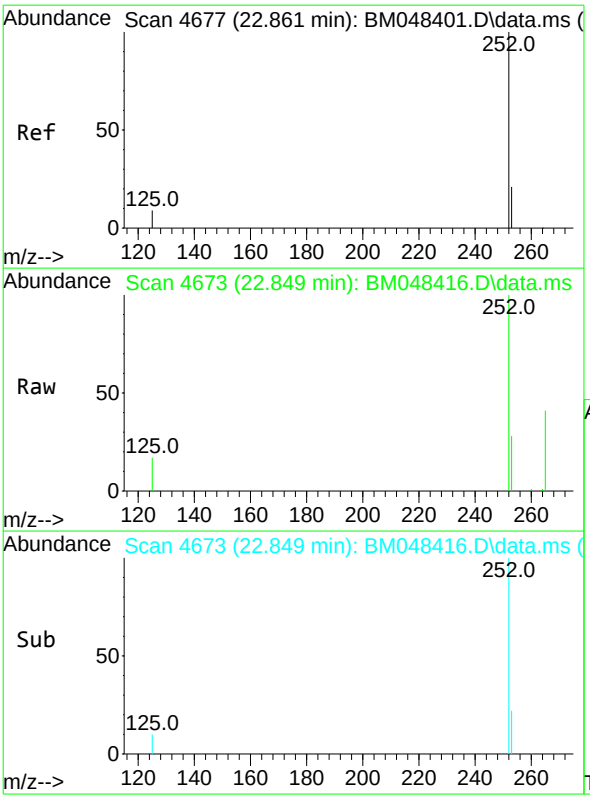


#22
Chrysene
Concen: 0.503 ng/ul
RT: 21.324 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:228 Resp: 22160

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	20.4	15.9	23.9



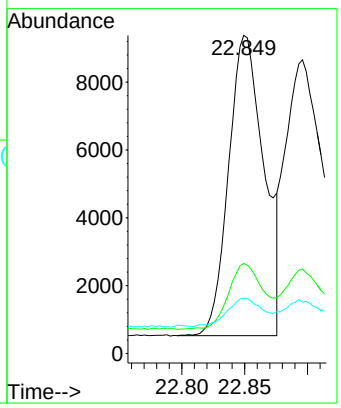


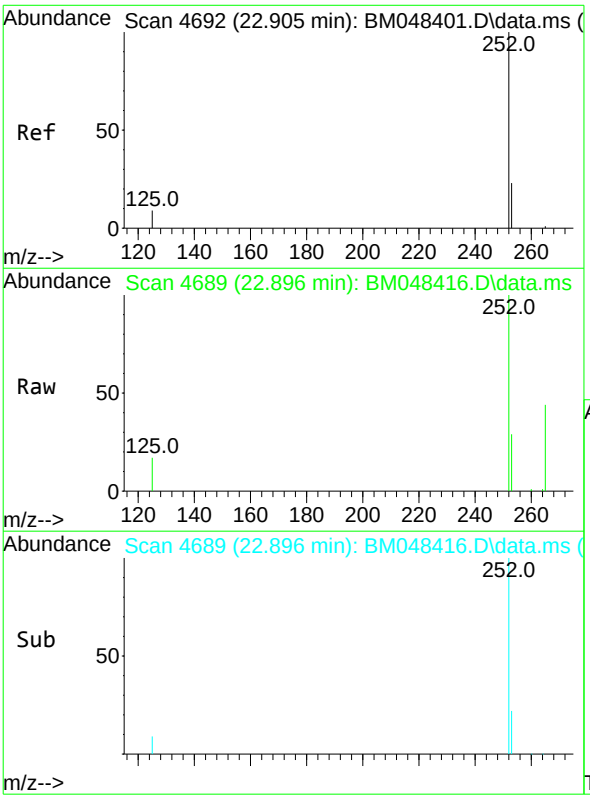
#24
Benzo(b)fluoranthene
Concen: 0.478 ng/ul
RT: 22.849 min Scan# 46
Delta R.T. -0.012 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:252 Resp: 17407

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	59.4
125	17.4	0.0	38.0

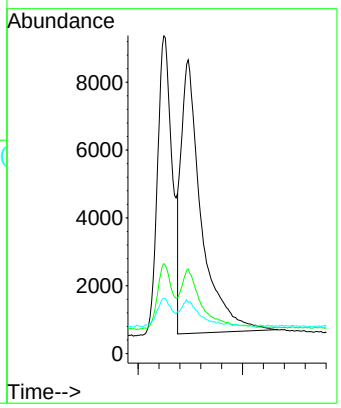


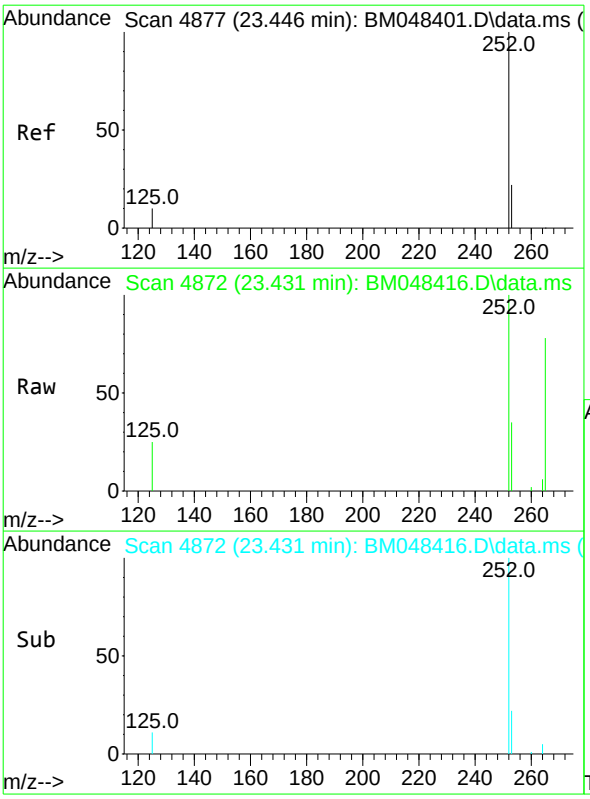


#25
Benzo(k)fluoranthene
Concen: 0.504 ng/ul
RT: 22.896 min Scan# 4689
Delta R.T. -0.009 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:252 Resp: 21727

Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.4	35.0
125	17.5	15.3	22.9



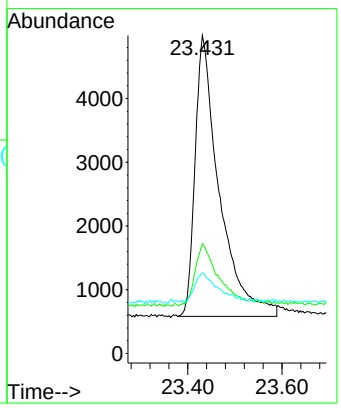


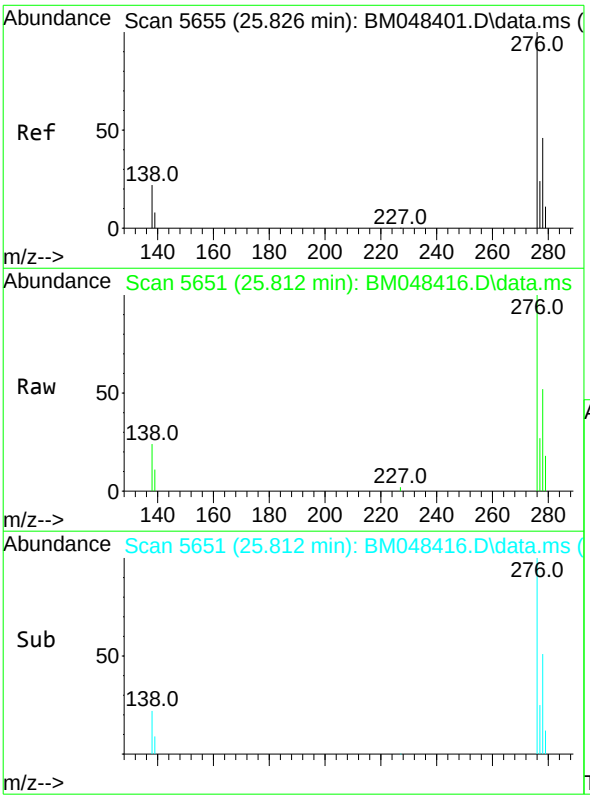
#26
Benzo(a)pyrene
Concen: 0.459 ng/ul
RT: 23.431 min Scan# 48
Delta R.T. -0.009 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:252 Resp: 15689

Ion	Ratio	Lower	Upper
252	100		
253	34.5	27.7	41.5
125	25.3	21.1	31.7

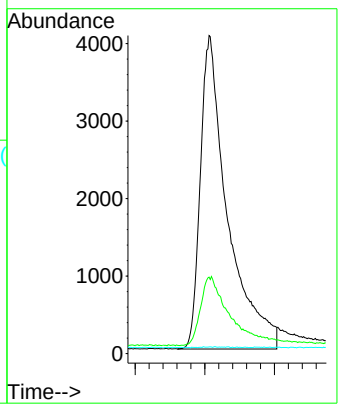


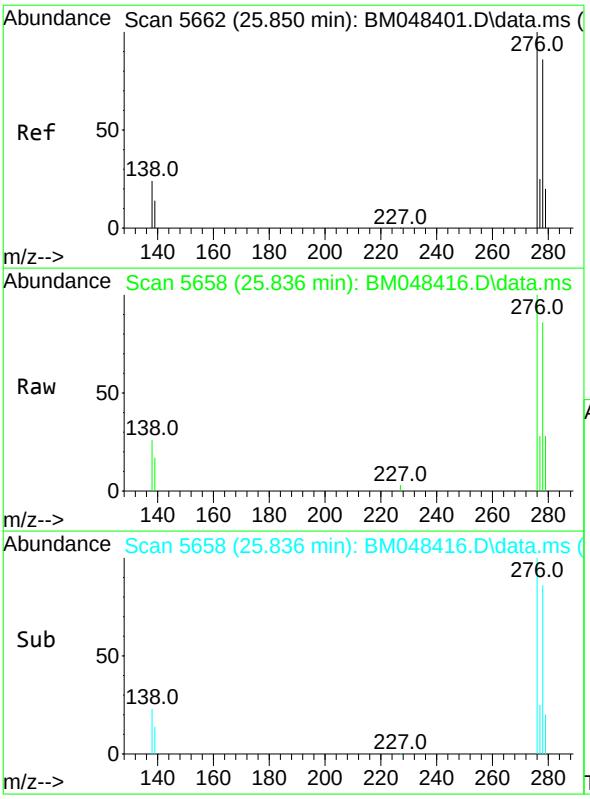


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 25.812 min Scan# 5651
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:276 Resp: 21897

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



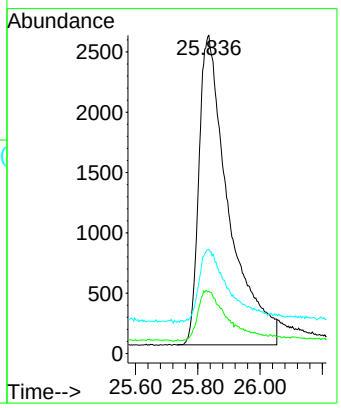


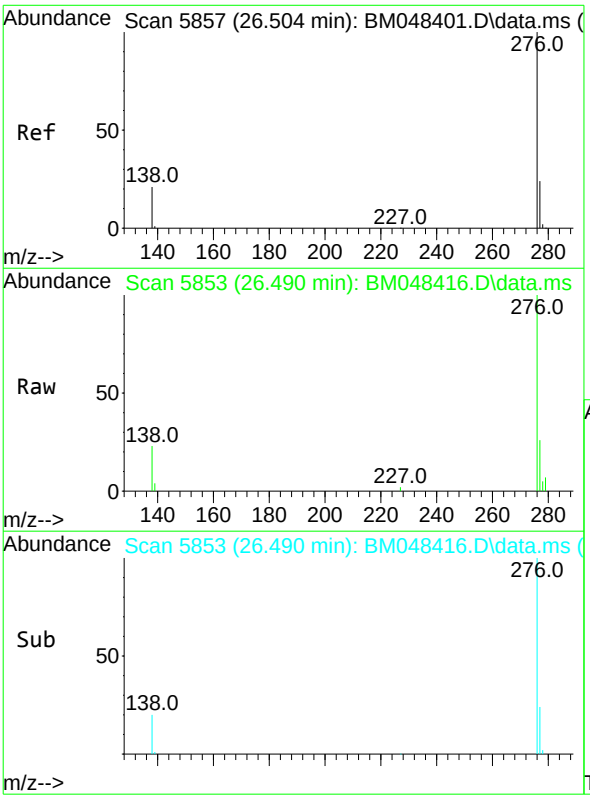
#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 25.836 min Scan# 56
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:278 Resp: 16950

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.6	23.4
279	32.7	26.4	39.6





#29
Benzo(g,h,i)perylene
Concen: 0.477 ng/ul
RT: 26.490 min Scan# 5853
Delta R.T. -0.010 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:276 Resp: 19226

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.0	28.6
277	25.8	20.6	31.0