Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM037992.D
Acq On : 14 Dec 2022 11:48
Operator : CG/JU
Sample : PB149616BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS616

Quant Time: Dec 14 23:25:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration

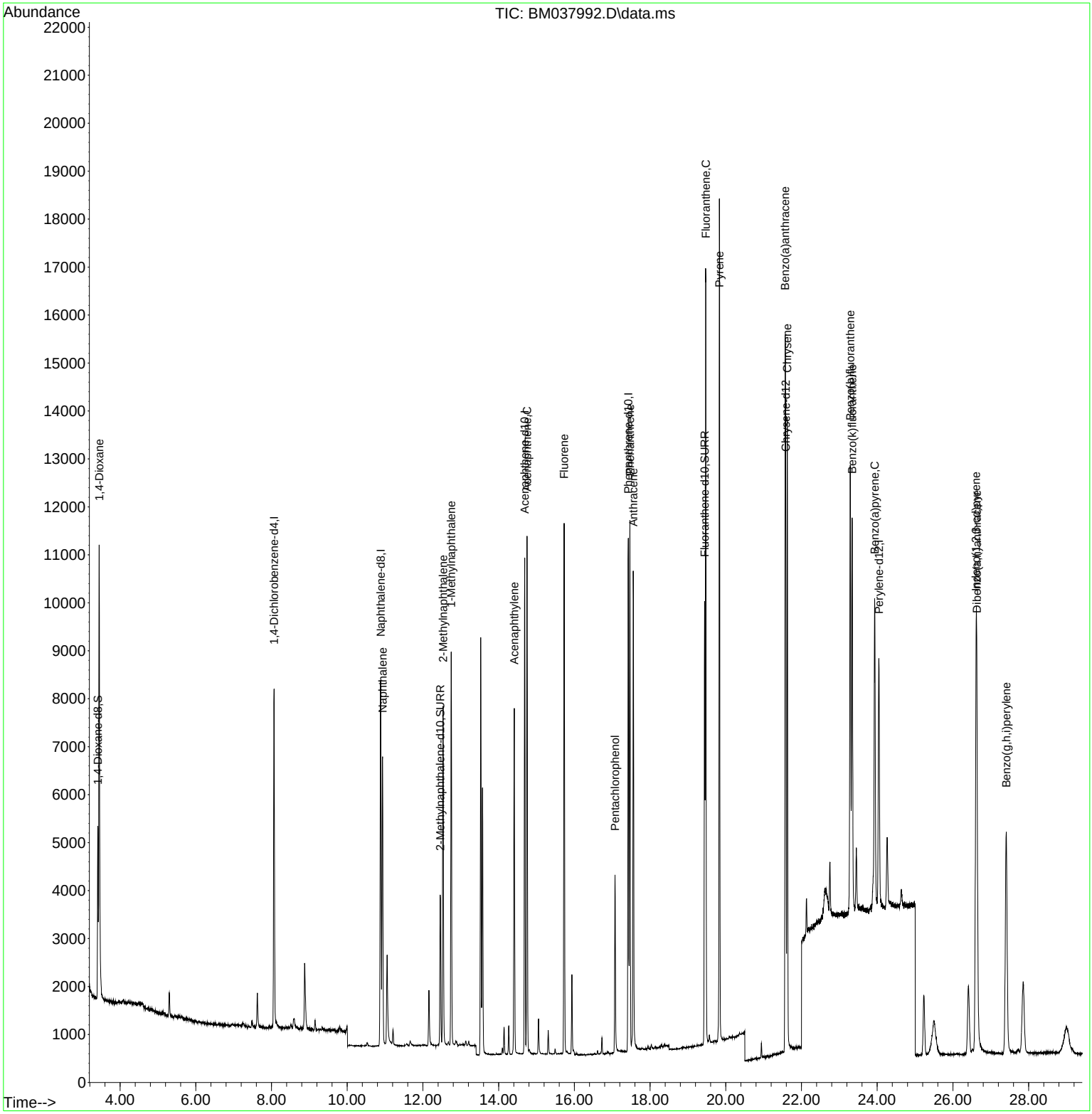
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.068	152	3702	0.400 ng/ul	0.00
4) Naphthalene-d8	10.884	136	10240	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.689	164	5343	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.426	188	11687	0.400 ng/ul	0.00
17) Chrysene-d12	21.586	240	7794	0.400 ng/ul	0.00
23) Perylene-d12	24.044	264	7582	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.414	96	2582	0.495 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	4076	0.281 ng/ul	0.00
18) Fluoranthene-d10	19.441	212	9056	0.341 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.448	88	6433	1.245 ng/ul#	65
5) Naphthalene	10.933	128	8473	0.271 ng/ul	99
7) 2-Methylnaphthalene	12.533	142	5142	0.279 ng/ul	99
8) 1-Methylnaphthalene	12.748	142	5543	0.293 ng/ul	100
10) Acenaphthylene	14.412	152	7947	0.262 ng/ul	99
11) Acenaphthene	14.749	153	5979	0.275 ng/ul	95
12) Fluorene	15.730	166	6869	0.276 ng/ul	100
14) Pentachlorophenol	17.075	266	2480	0.499 ng/ul	97
15) Phenanthrene	17.468	178	11565	0.286 ng/ul	99
16) Anthracene	17.557	178	10777	0.291 ng/ul	99
19) Fluoranthene	19.473	202	13319	0.324 ng/ul	99
20) Pyrene	19.831	202	13657	0.327 ng/ul	97
21) Benzo(a)anthracene	21.571	228	11572	0.325 ng/ul	98
22) Chrysene	21.624	228	11698	0.316 ng/ul	99
24) Benzo(b)fluoranthene	23.290	252	11927	0.284 ng/ul	97
25) Benzo(k)fluoranthene	23.336	252	11516	0.292 ng/ul	95
26) Benzo(a)pyrene	23.933	252	9916	0.290 ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.612	276	12440	0.299 ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	9721	0.305 ng/ul	99
29) Benzo(g,h,i)perylene	27.410	276	10350	0.300 ng/ul	98

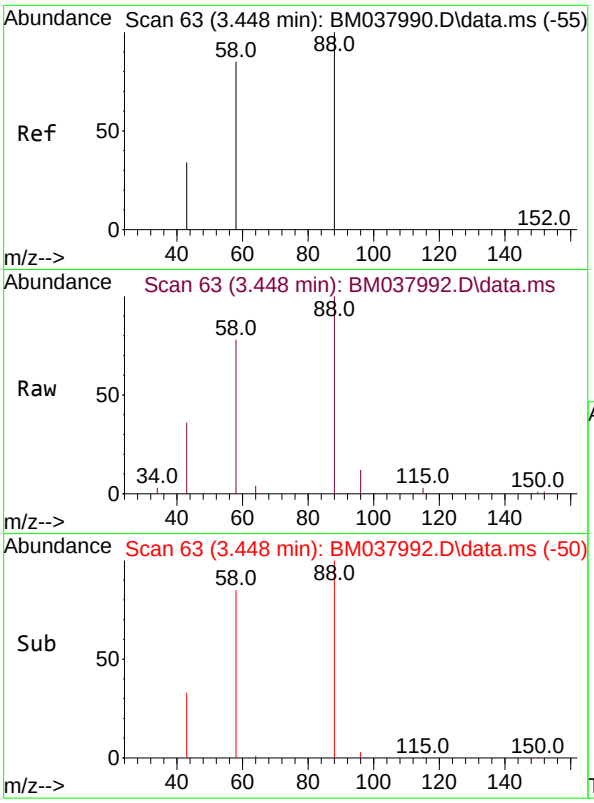
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM037992.D
Acq On : 14 Dec 2022 11:48
Operator : CG/JU
Sample : PB149616BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS616

Quant Time: Dec 14 23:25:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 01:30:33 2022
Response via : Initial Calibration



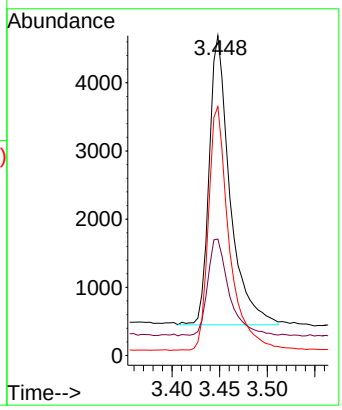


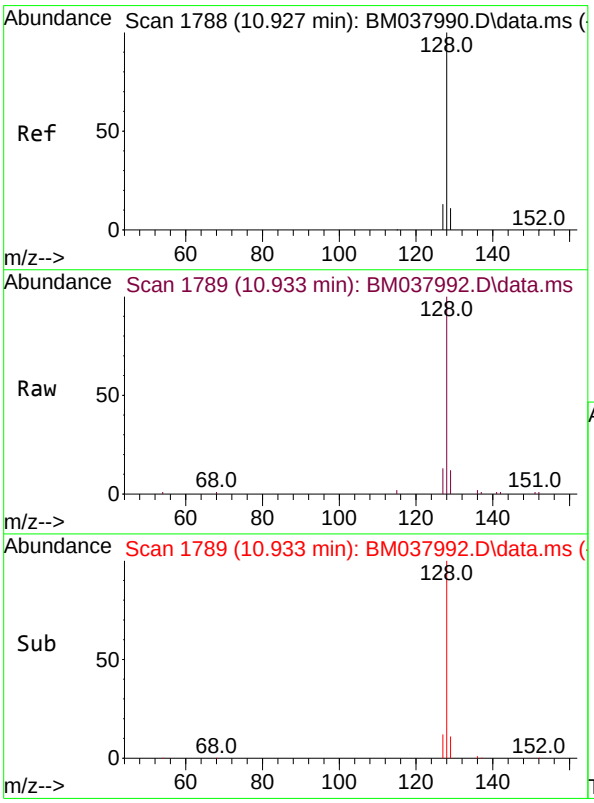
#2
1,4-Dioxane
Concen: 1.245 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion: 88 Resp: 6433

Ion	Ratio	Lower	Upper
88	100		
43	36.4	25.5	38.3
58	77.8	33.8	50.8#

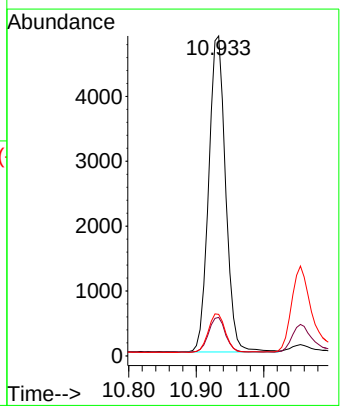


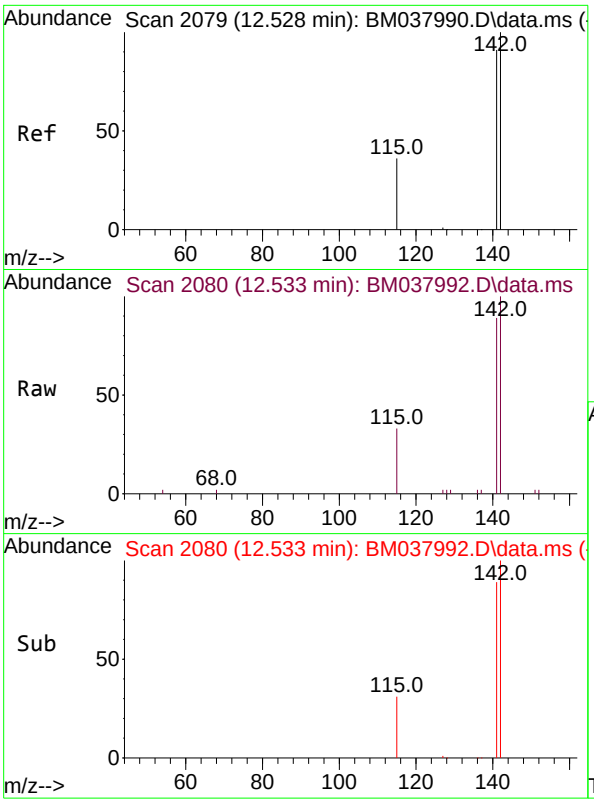


#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:128 Resp: 8473

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.7	14.5
127	13.0	10.8	16.2



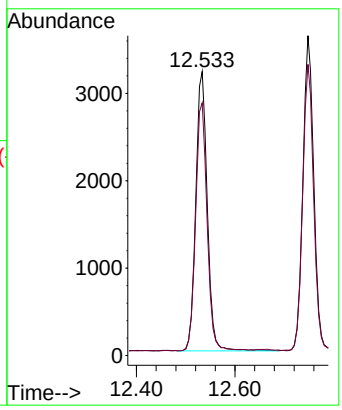


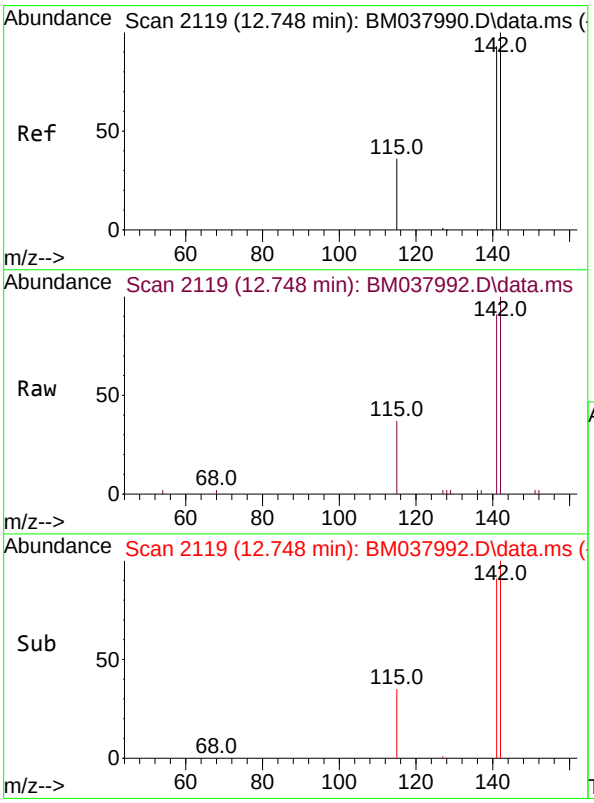
#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:142 Resp: 5142

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.2	108.2

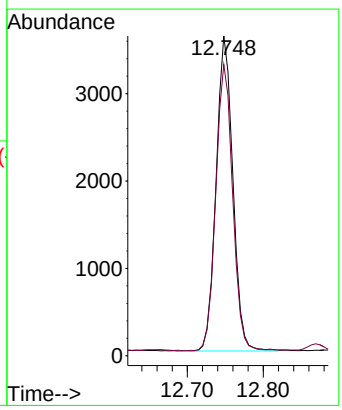


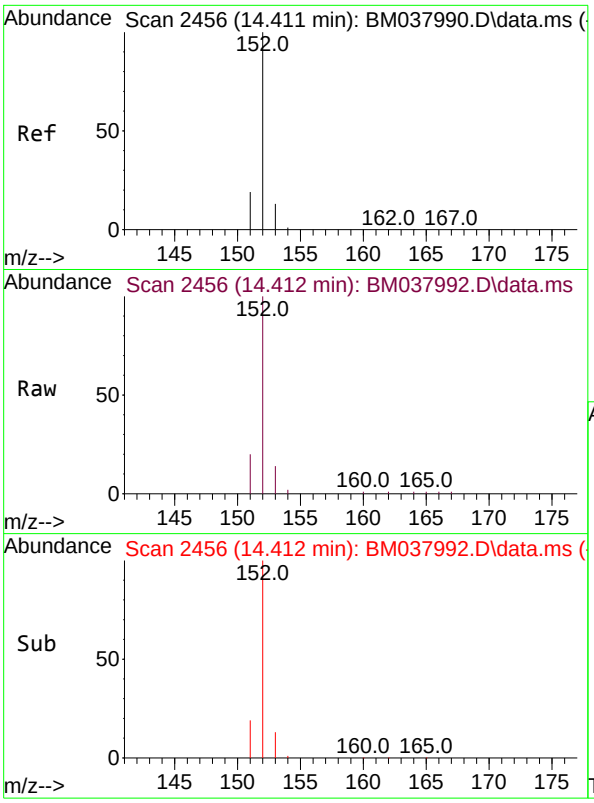


#8
1-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:142 Resp: 5543

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.1	109.7



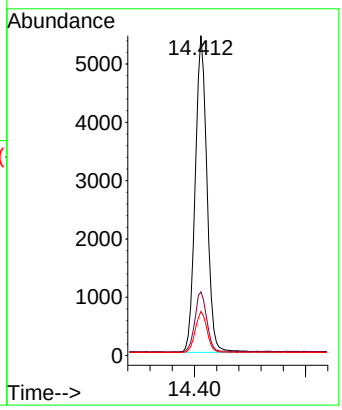


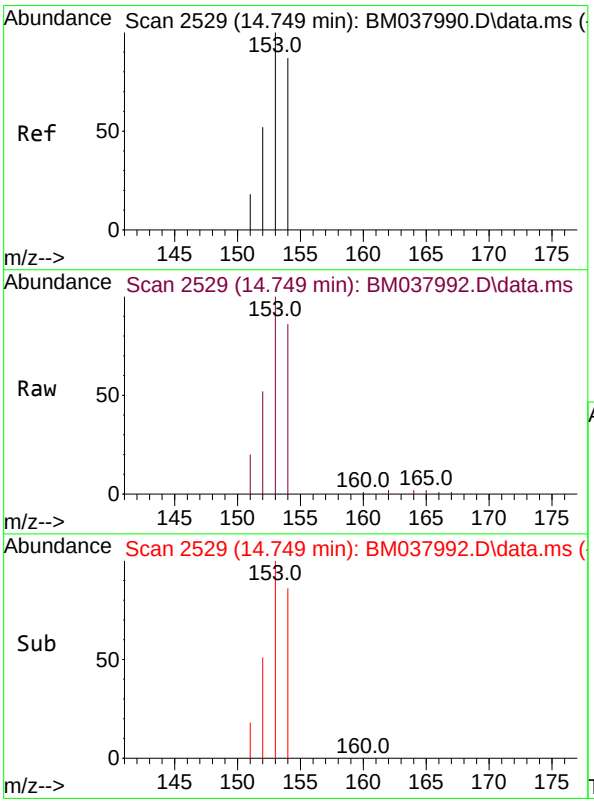
#10
Acenaphthylene
Concen: 0.262 ng/ul
RT: 14.412 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:152 Resp: 7947

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.8	10.7	16.1

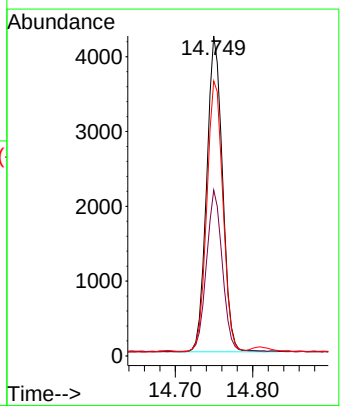


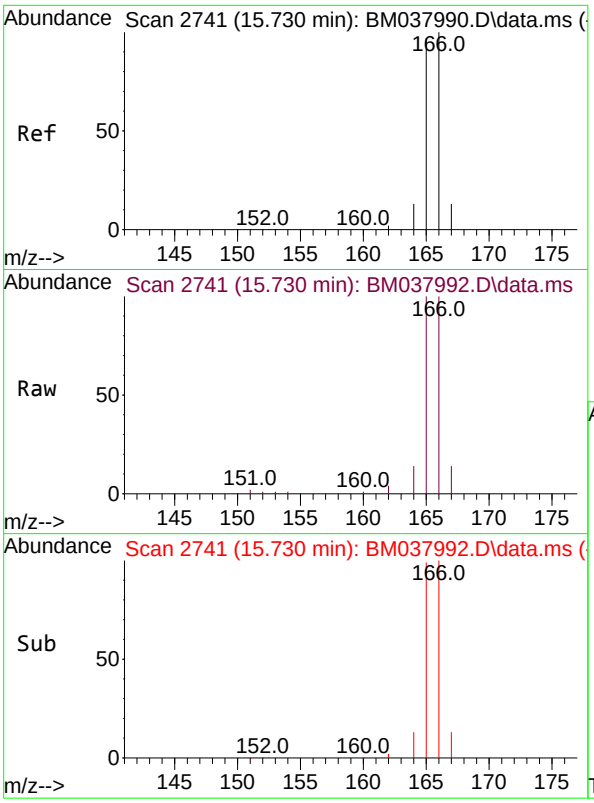


#11
Acenaphthene
Concen: 0.275 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:153 Resp: 5979

Ion	Ratio	Lower	Upper
153	100		
152	51.8	47.1	70.7
154	86.0	70.7	106.1



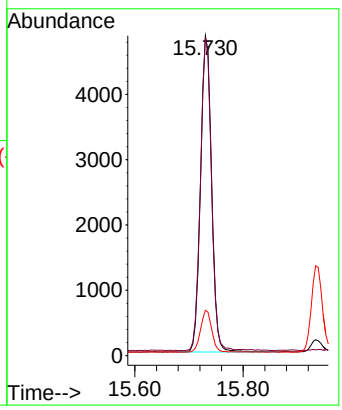


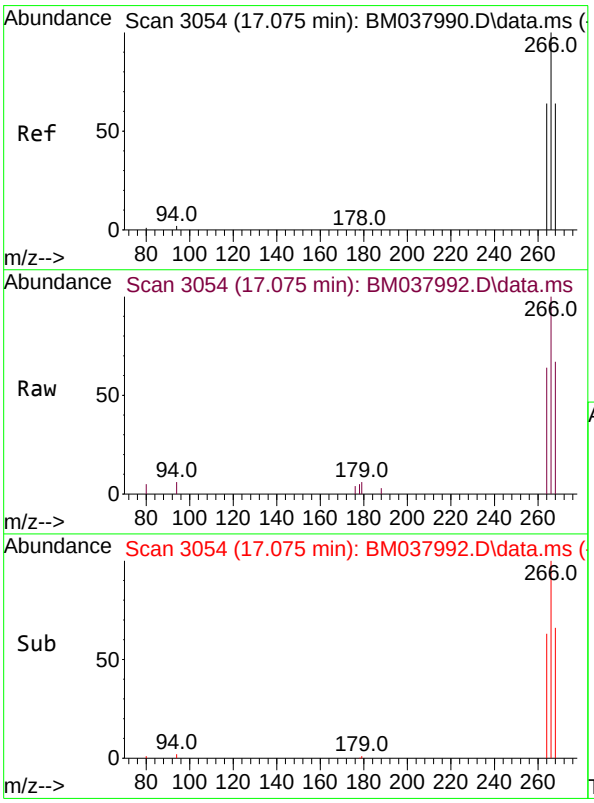
#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.730 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:166 Resp: 6869

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.6
167	14.2	11.7	17.5

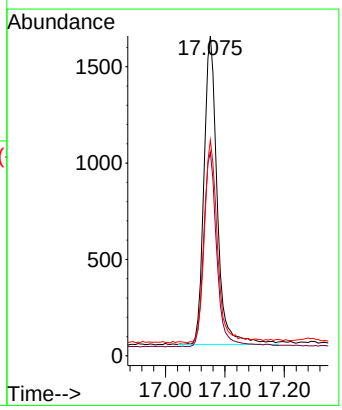


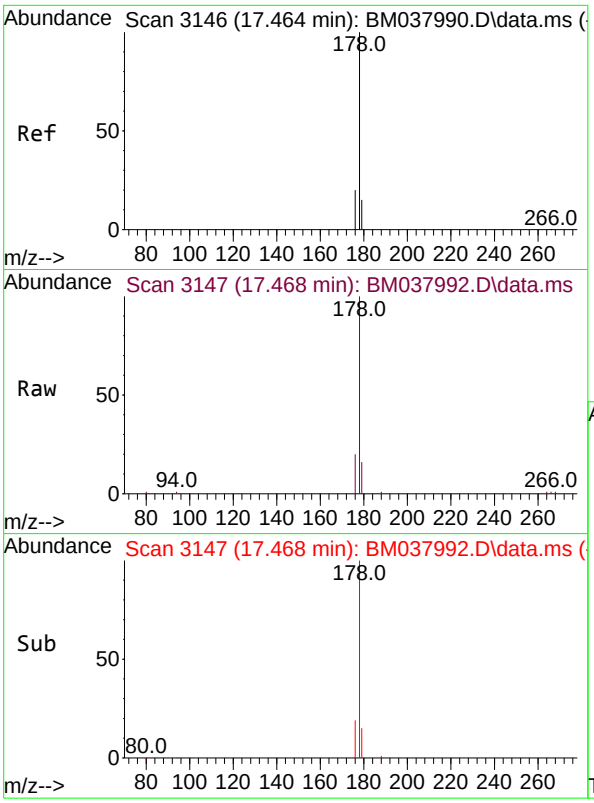


#14
Pentachlorophenol
Concen: 0.499 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:266 Resp: 2480

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.9	76.3
268	66.3	50.4	75.6



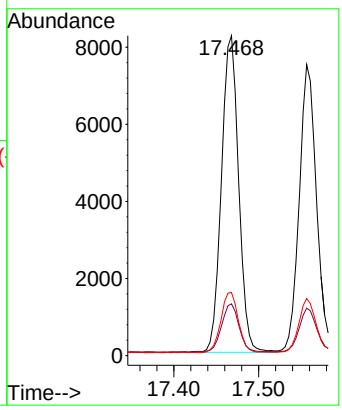


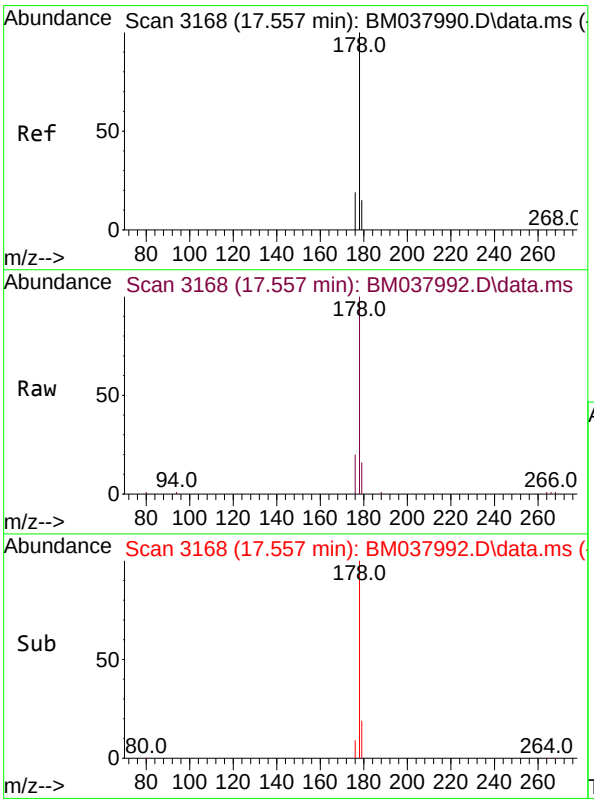
#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:178 Resp: 11565

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.7	16.2	24.2

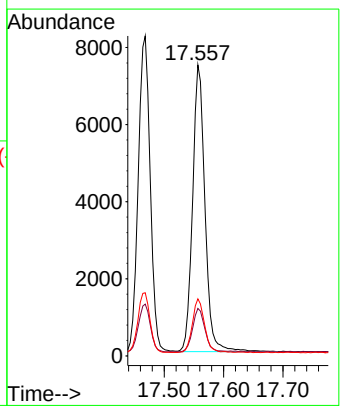


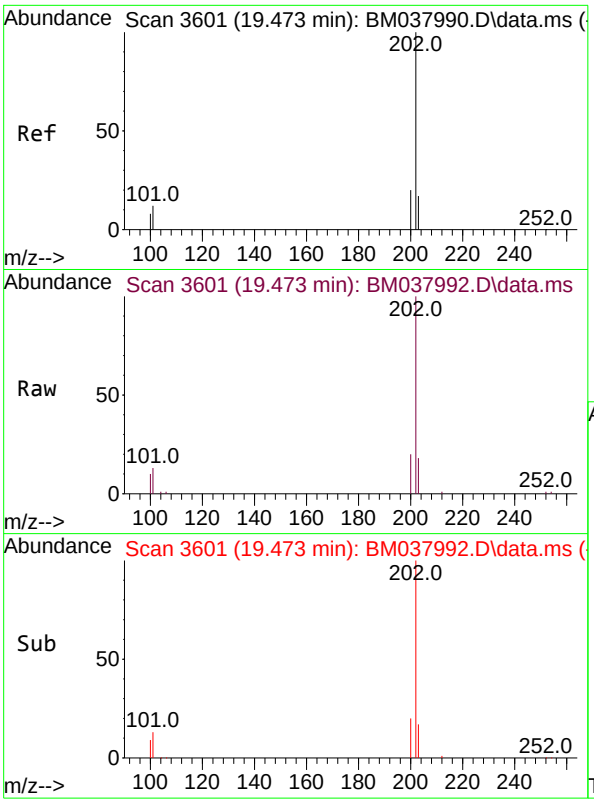


#16
Anthracene
Concen: 0.291 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:178 Resp: 10777

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.4	20.0
176	19.6	15.8	23.6



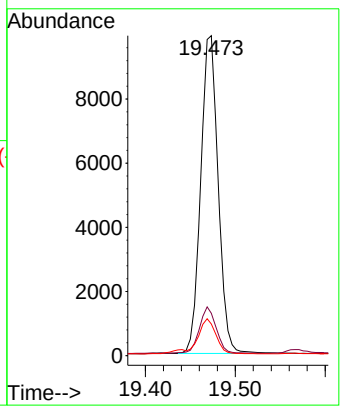


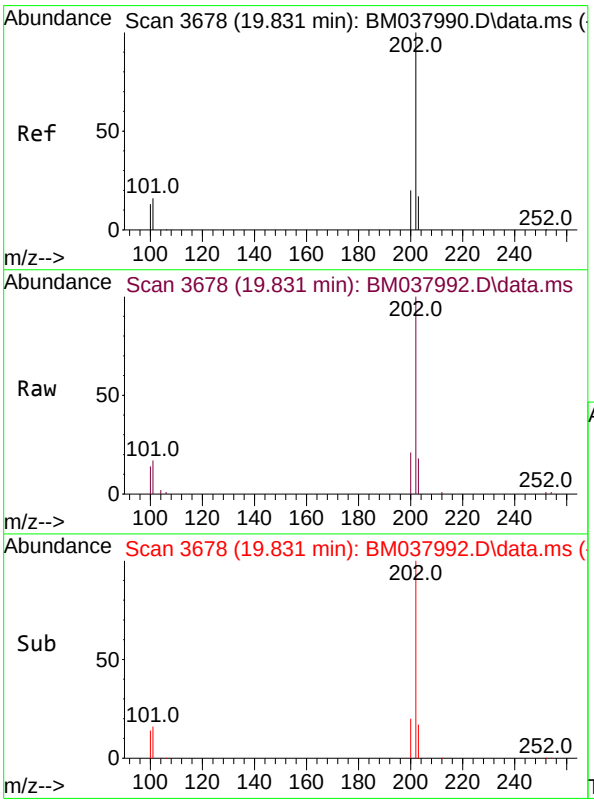
#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:202 Resp: 13319

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
100	9.9	8.5	12.7

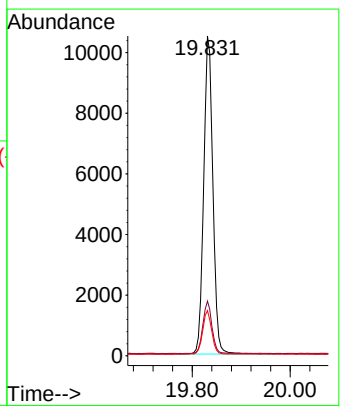


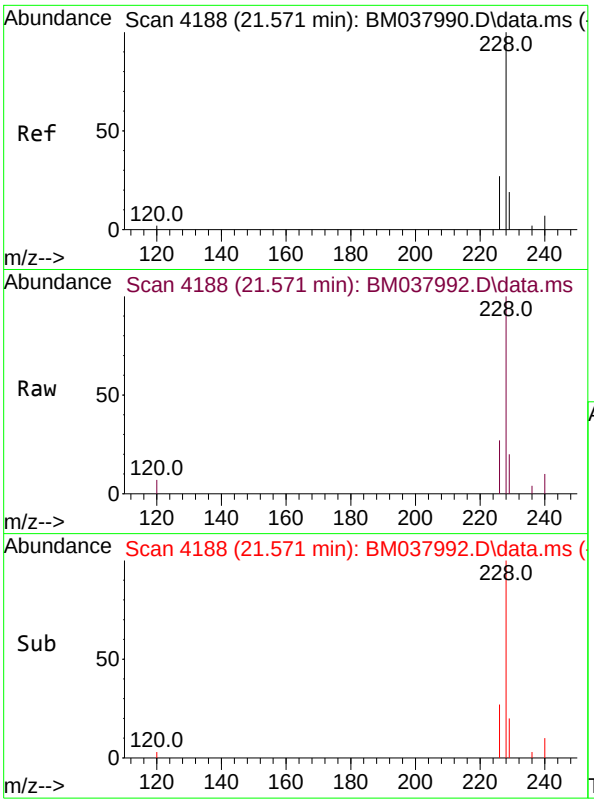


#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:202 Resp: 13657

Ion	Ratio	Lower	Upper
202	100		
101	17.1	12.6	19.0
100	14.1	10.6	15.8



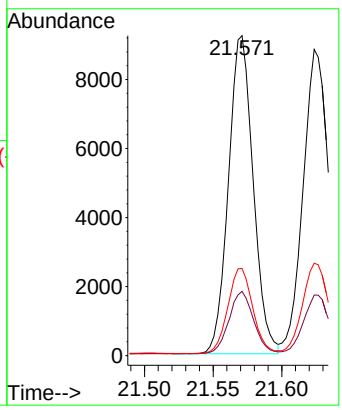


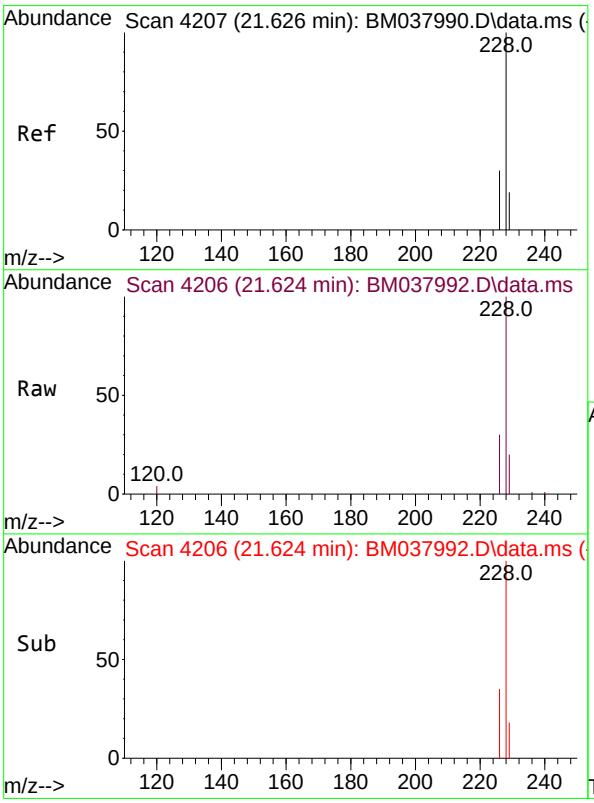
#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.571 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:228 Resp: 11572

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	27.2	21.0	31.4

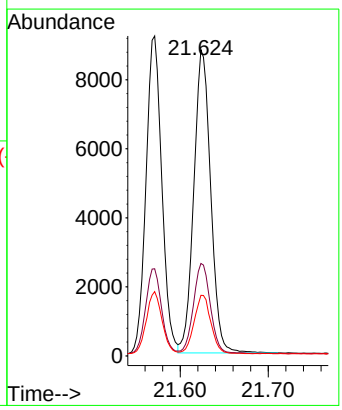


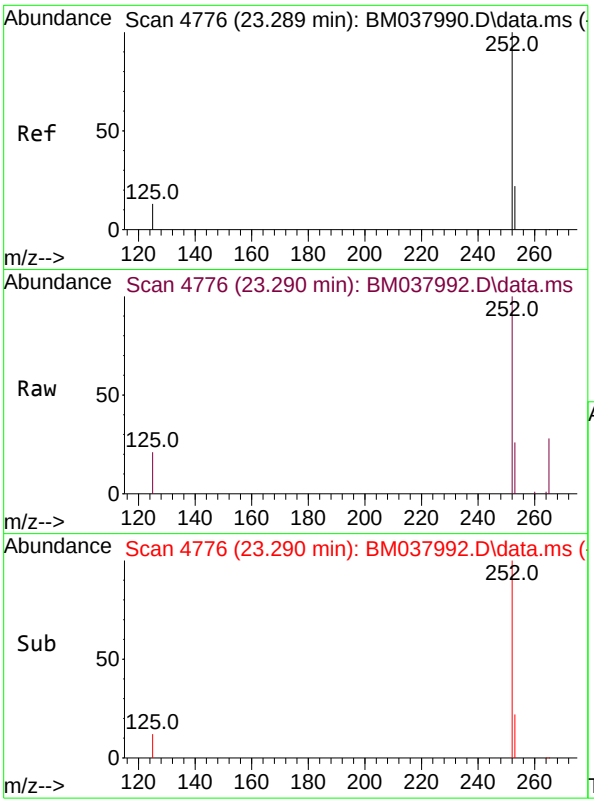


#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.624 min Scan# 4206
Delta R.T. -0.006 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:228 Resp: 11698

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	19.8	15.8	23.8



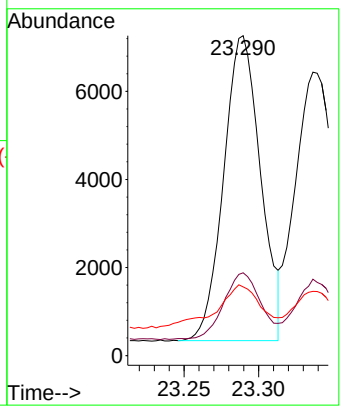


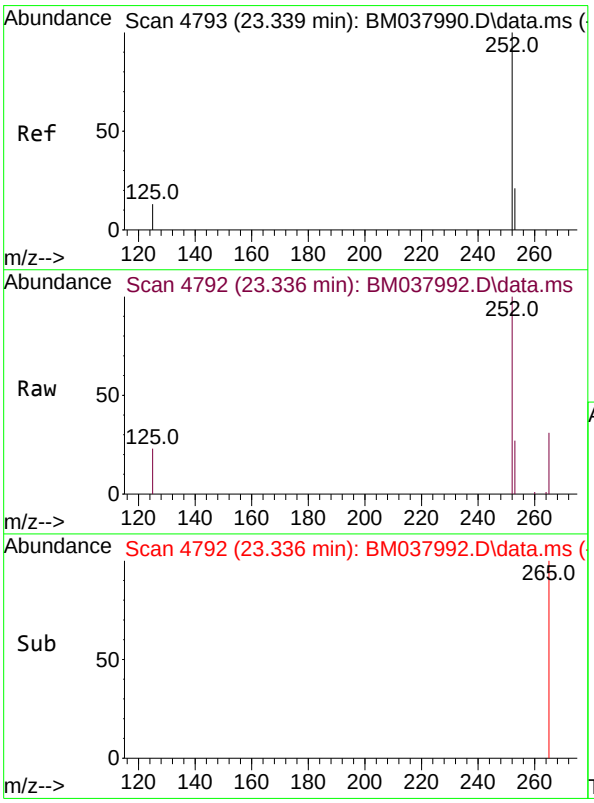
#24
Benzo(b)fluoranthene
Concen: 0.284 ng/ul
RT: 23.290 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:252 Resp: 11927

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	49.6
125	21.5	0.0	39.6

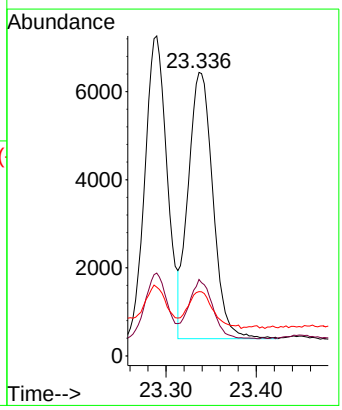


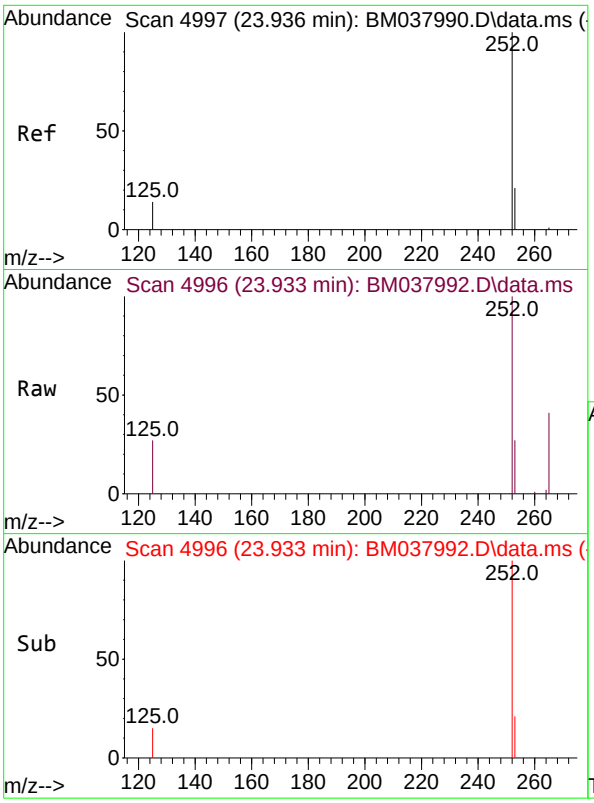


#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul
RT: 23.336 min Scan# 4792
Delta R.T. -0.006 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:252 Resp: 11516

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.4	29.0
125	22.7	16.7	25.1



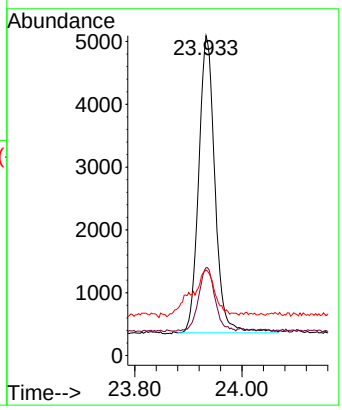


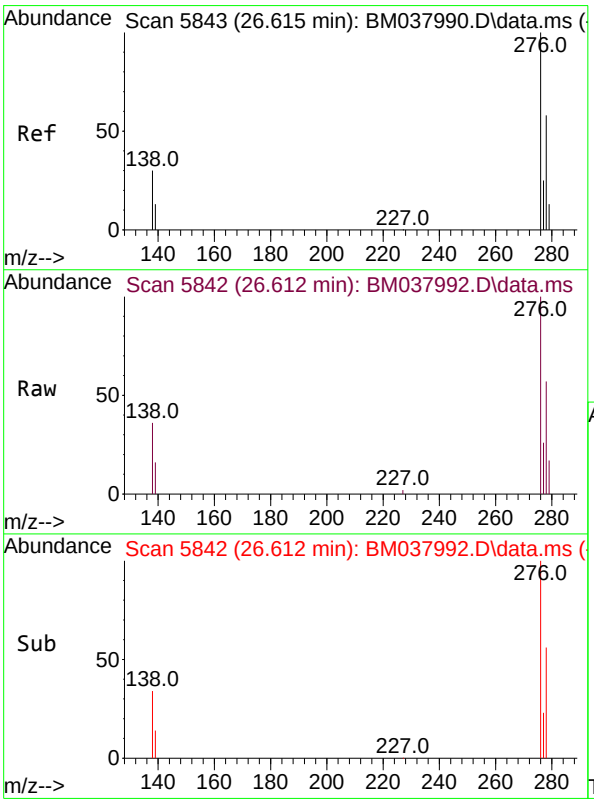
#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.933 min Scan# 49
Delta R.T. -0.006 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:252 Resp: 9916

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.7	32.5
125	26.8	20.4	30.6

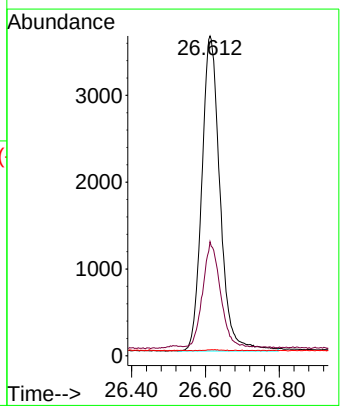


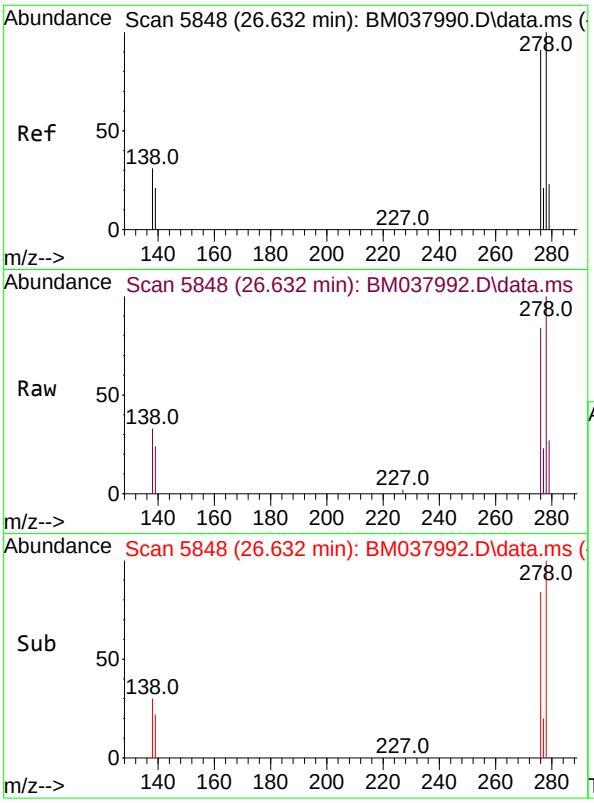


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.007 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:276 Resp: 12440

Ion	Ratio	Lower	Upper
276	100		
138	32.8	0.0	0.0#
227	0.2	0.1	0.1#



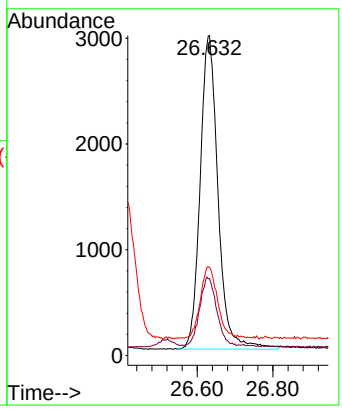


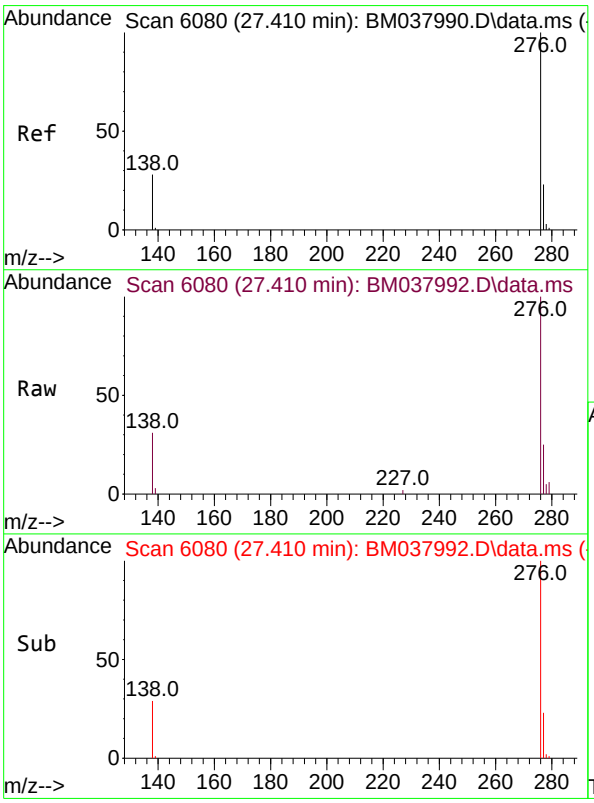
#28
Dibenzo(a,h)anthracene
Concen: 0.305 ng/ul
RT: 26.632 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Instrument :
BNA_M
ClientSampleId :
SLCS616

Tgt Ion:278 Resp: 9721

Ion	Ratio	Lower	Upper
278	100		
139	24.1	19.4	29.0
279	27.5	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul
RT: 27.410 min Scan# 6080
Delta R.T. -0.007 min
Lab File: BM037992.D
Acq: 14 Dec 2022 11:48

Tgt Ion:276 Resp: 10350

Ion	Ratio	Lower	Upper
276	100		
138	30.9	23.5	35.3
277	24.9	20.0	30.0