Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM037999.D
Acq On : 14 Dec 2022 16:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Quant Time: Dec 14 23:26:48 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	4085	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	11310	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	5963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	12313	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	8494	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	7645	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	2399	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	6561	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	12507	0.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	2152	0.378	ng/ul#	90
5) Naphthalene	10.933	128	13948	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.533	142	8416	0.413	ng/ul	98
8) 1-Methylnaphthalene	12.748	142	8547	0.410	ng/ul	99
10) Acenaphthylene	14.412	152	12271	0.363	ng/ul	100
11) Acenaphthene	14.749	153	9450	0.390	ng/ul	95
12) Fluorene	15.730	166	10480	0.377	ng/ul	99
14) Pentachlorophenol	17.075	266	1858	0.355	ng/ul	98
15) Phenanthrene	17.468	178	16528	0.387	ng/ul	100
16) Anthracene	17.561	178	15179	0.389	ng/ul	99
19) Fluoranthene	19.473	202	17767	0.396	ng/ul	99
20) Pyrene	19.836	202	18229	0.400	ng/ul	99
21) Benzo(a)anthracene	21.571	228	14627	0.377	ng/ul	98
22) Chrysene	21.626	228	15008	0.373	ng/ul	99
24) Benzo(b)fluoranthene	23.290	252	14967	0.353	ng/ul	99
25) Benzo(k)fluoranthene	23.339	252	14263	0.358	ng/ul	98
26) Benzo(a)pyrene	23.933	252	12735	0.370	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.612	276	15093	0.360	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	11726	0.364	ng/ul	99
29) Benzo(g,h,i)perylene	27.407	276	12748	0.366	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
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Quant Time: Dec 14 23:26:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121322.M
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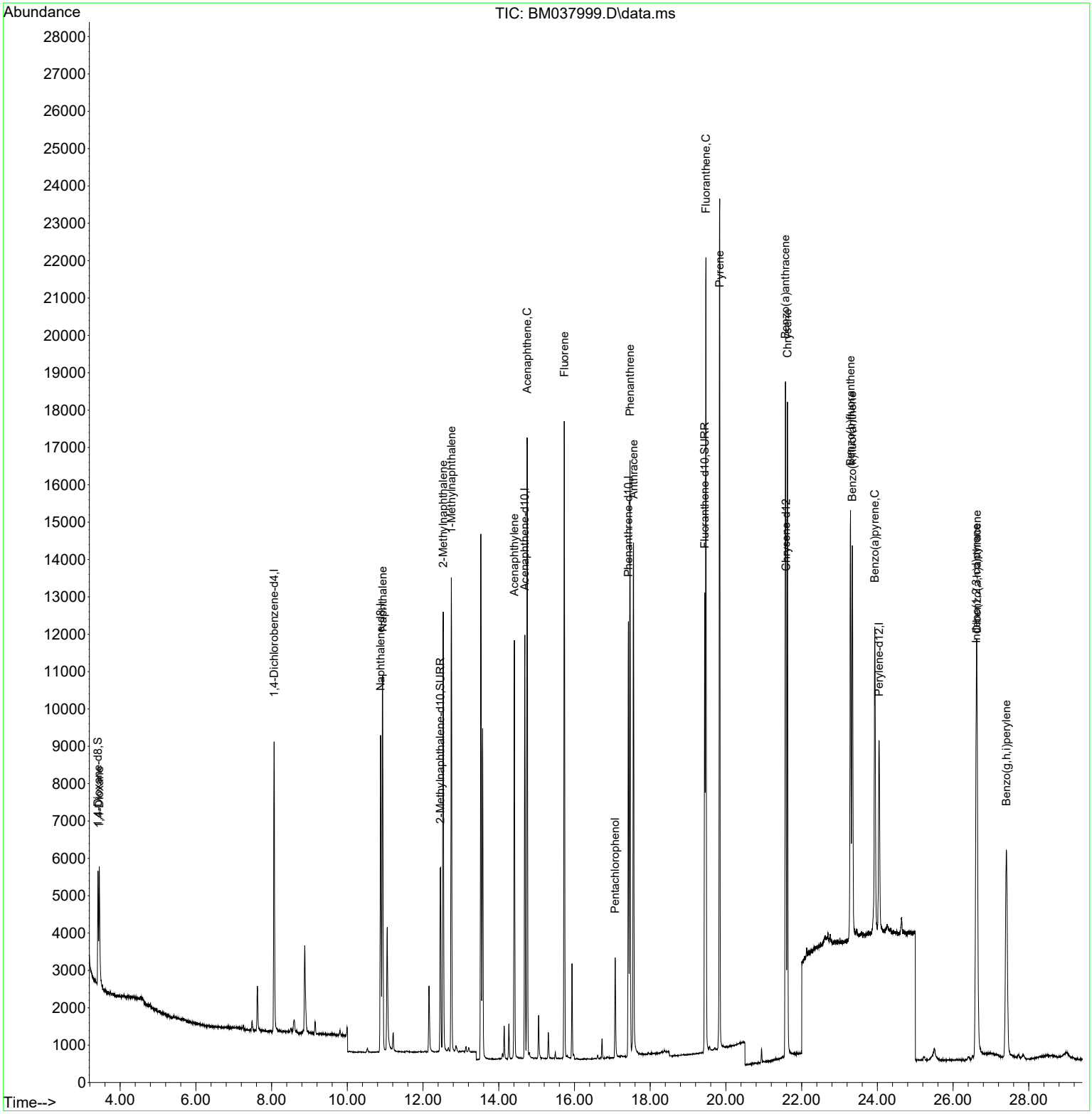
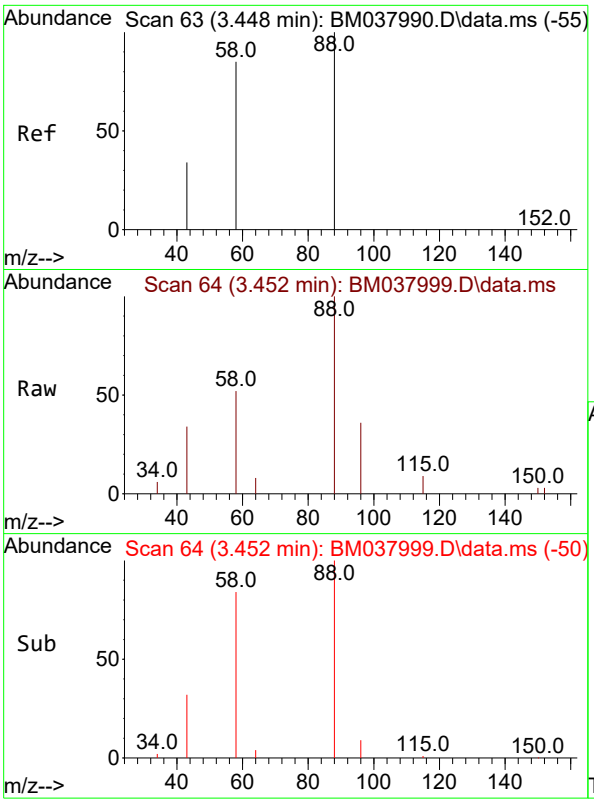


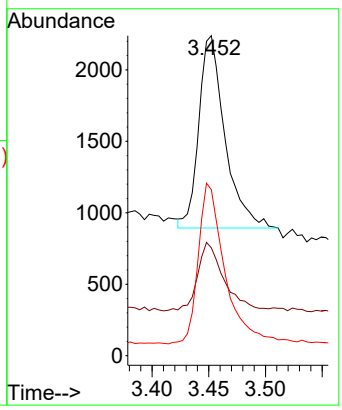


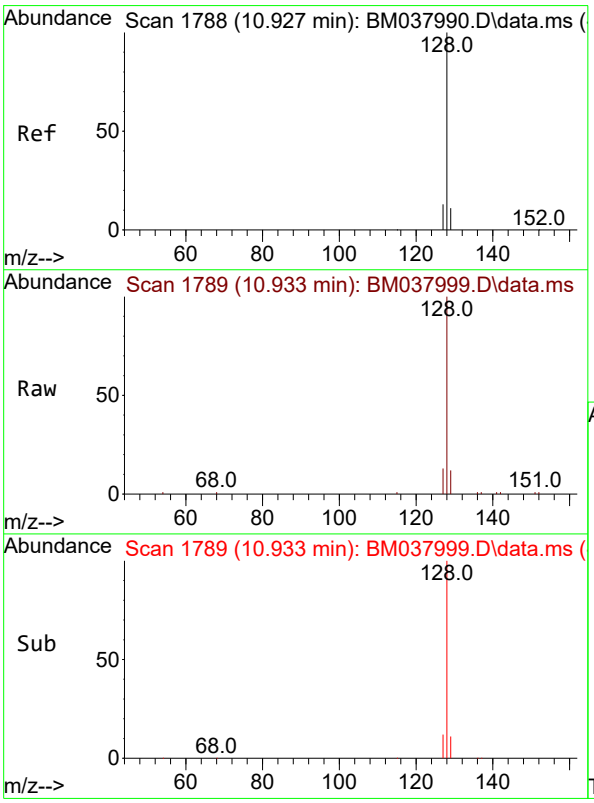
#2
1,4-Dioxane
Concen: 0.378 ng/ul
RT: 3.452 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion: 88 Resp: 2152

Ion	Ratio	Lower	Upper
88	100		
43	33.7	25.5	38.3
58	51.9	33.8	50.8#

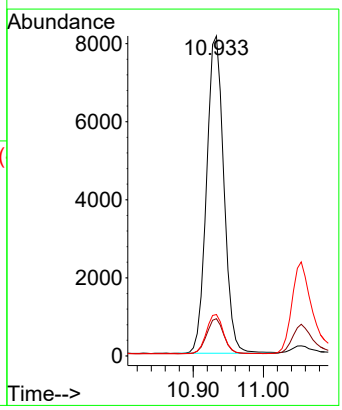


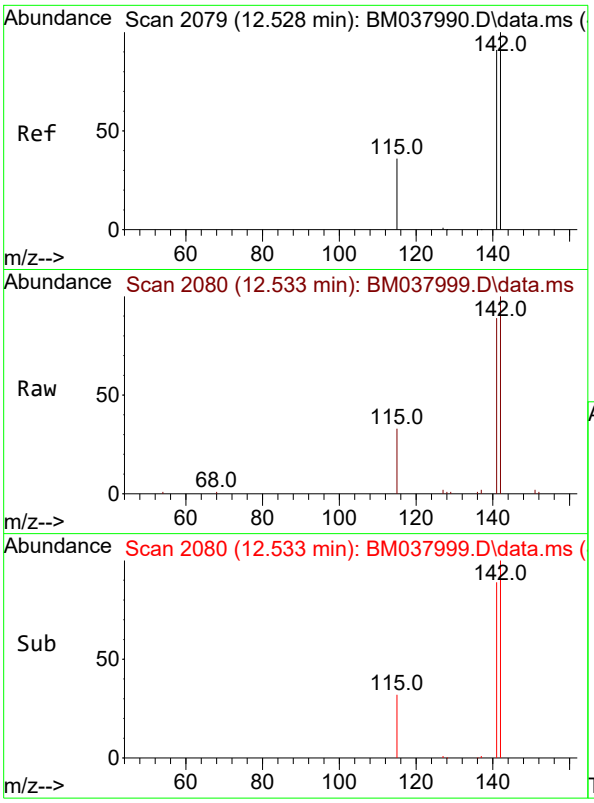


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:128 Resp: 13948

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	12.9	10.8	16.2



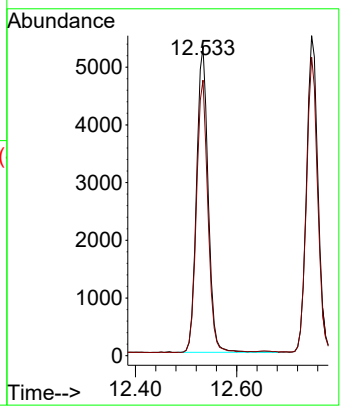


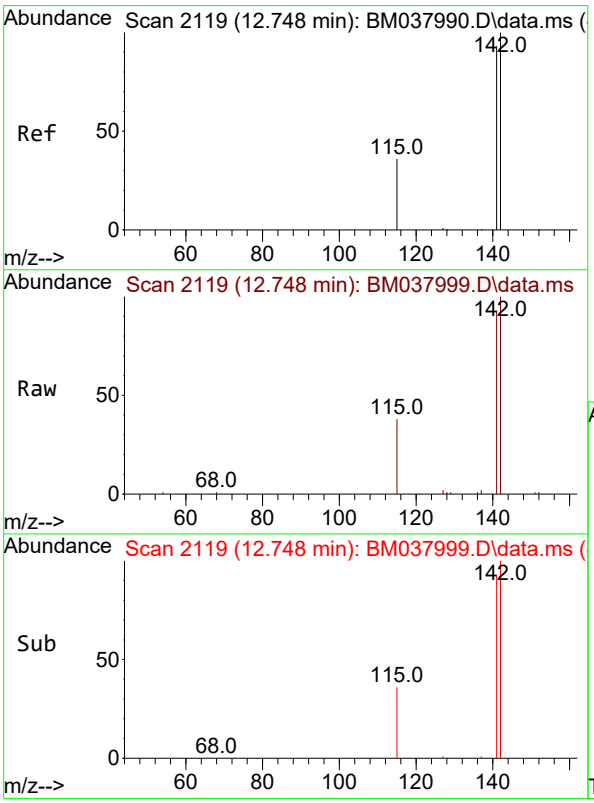
#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:142 Resp: 8416

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.2

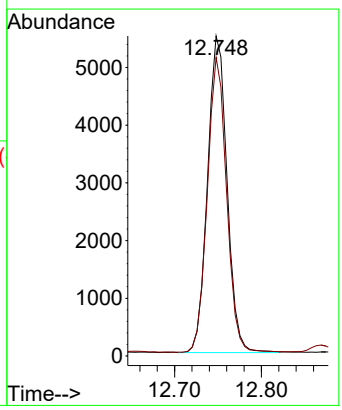


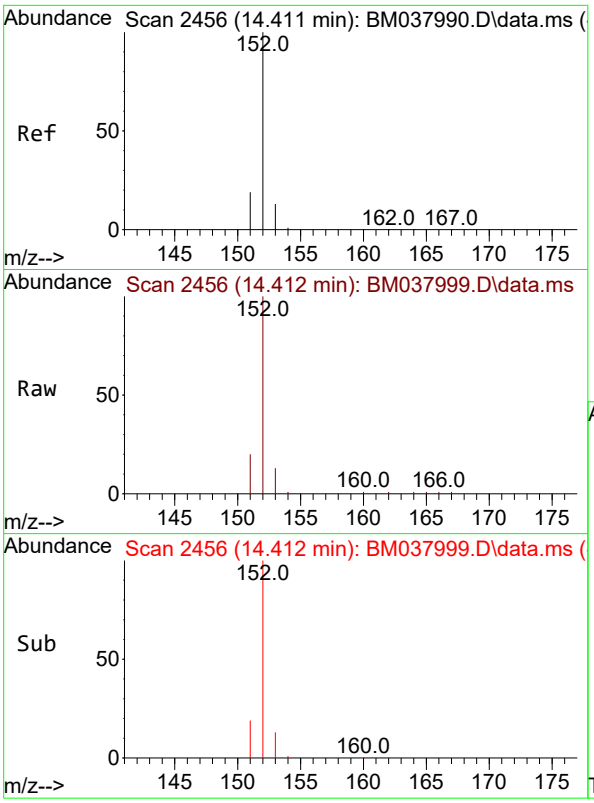


#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:142 Resp: 8547

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.1	109.7



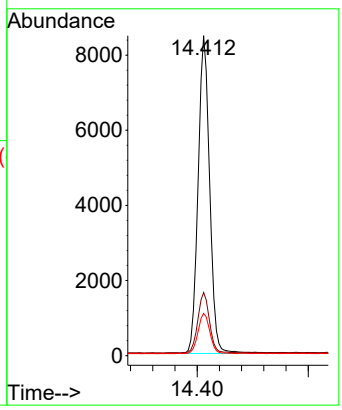


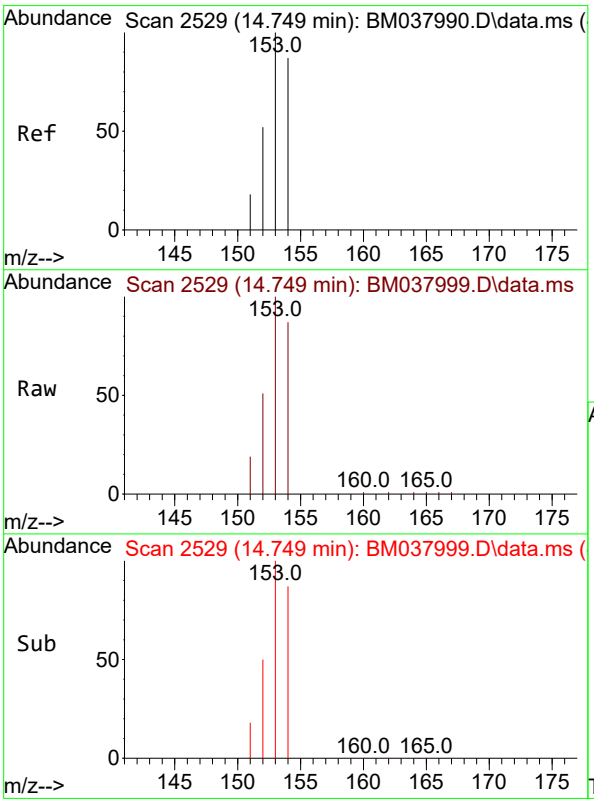
#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.412 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:152 Resp: 12271

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.2	10.7	16.1

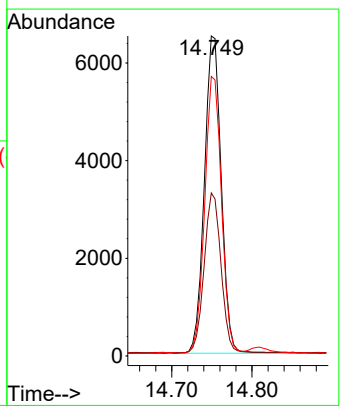


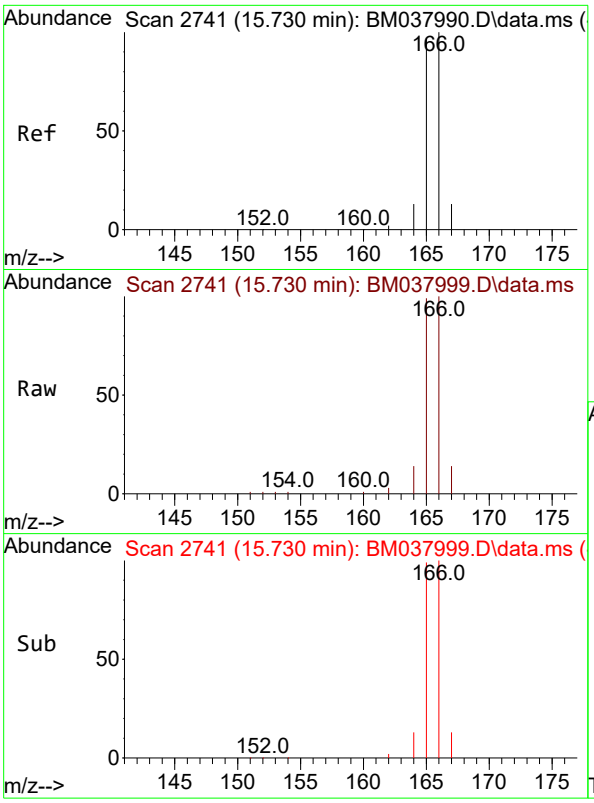


#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.749 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:153 Resp: 9450

Ion	Ratio	Lower	Upper
153	100		
152	51.0	47.1	70.7
154	87.4	70.7	106.1



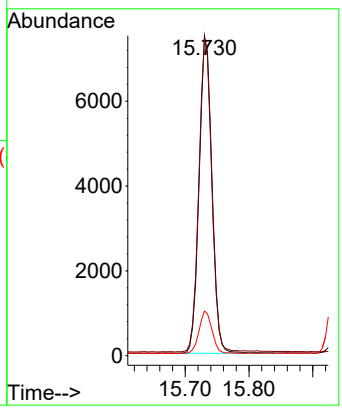


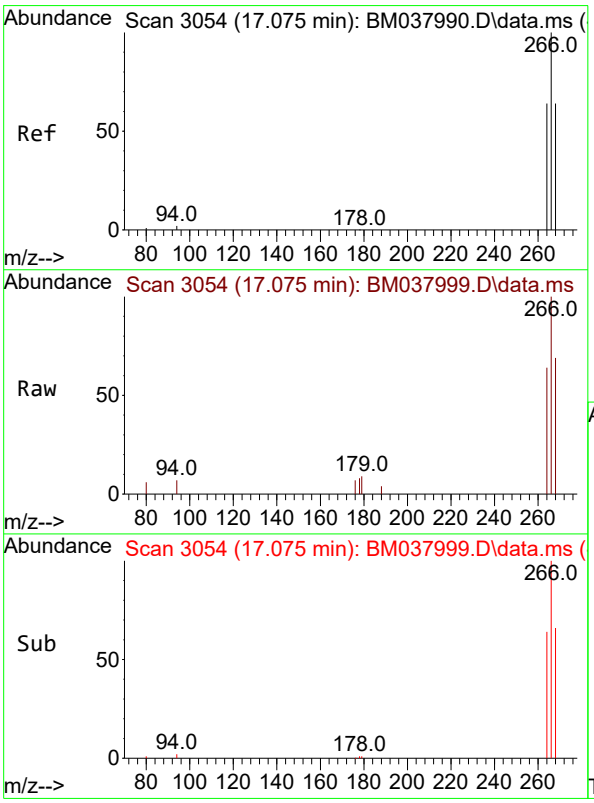
#12
Fluorene
Concen: 0.377 ng/ul
RT: 15.730 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:166 Resp: 10480

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.6
167	13.9	11.7	17.5

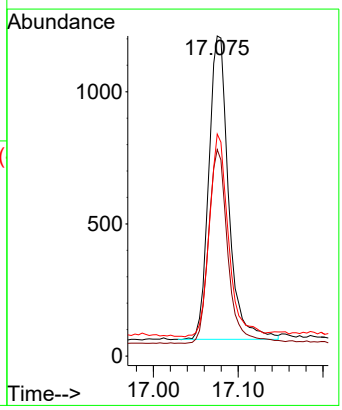


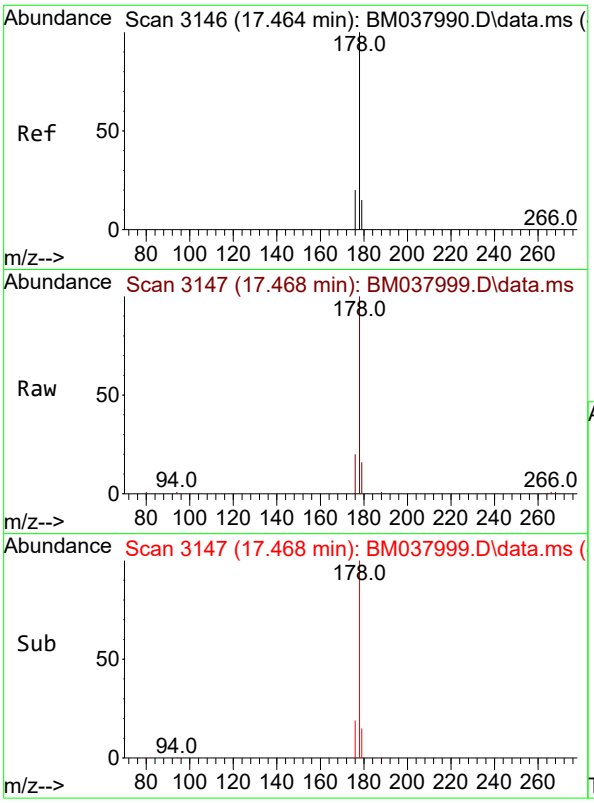


#14
Pentachlorophenol
Concen: 0.355 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.005 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:266 Resp: 1858

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.9	76.3
268	64.6	50.4	75.6



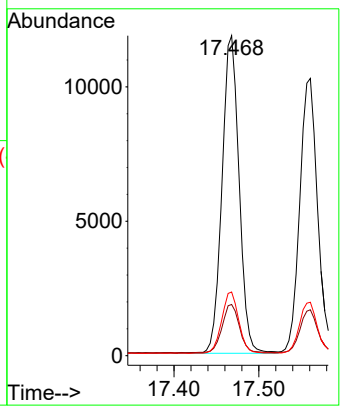


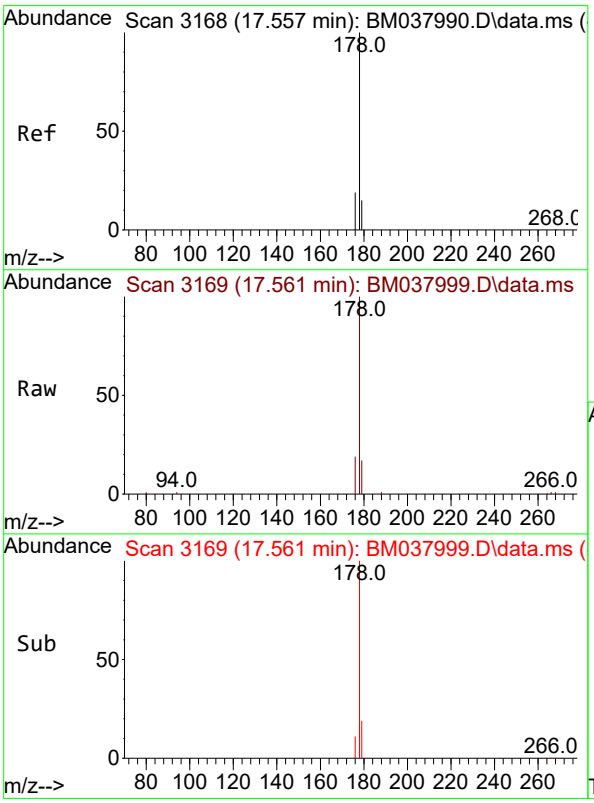
#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:178 Resp: 16528

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	19.9	16.2	24.2

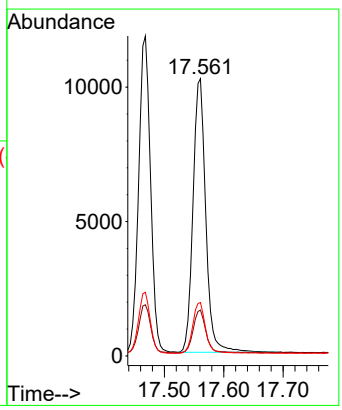


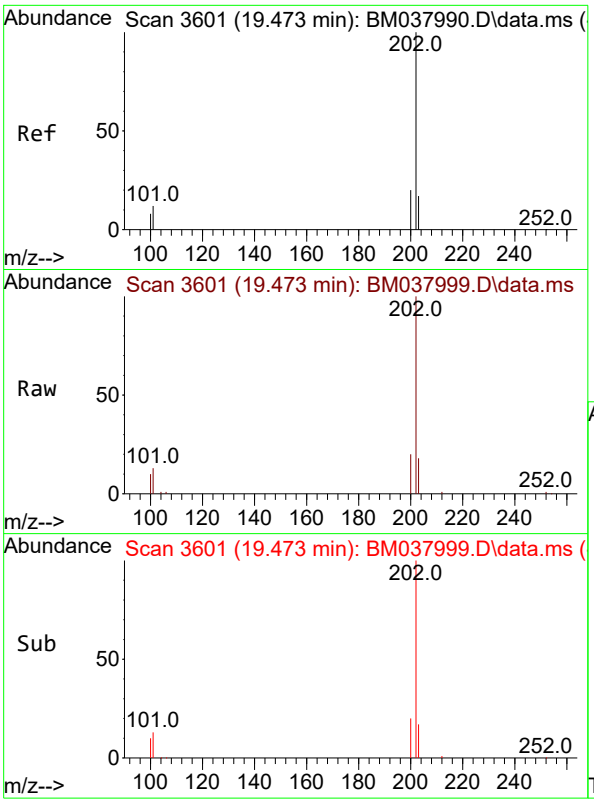


#16
Anthracene
Concen: 0.389 ng/ul
RT: 17.561 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:178 Resp: 15179

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.0
176	19.3	15.8	23.6



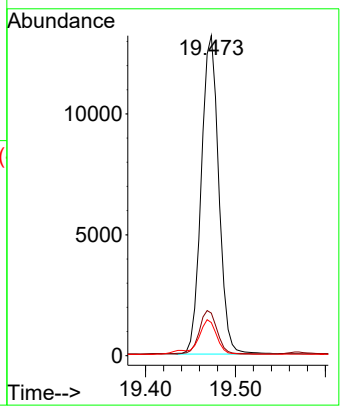


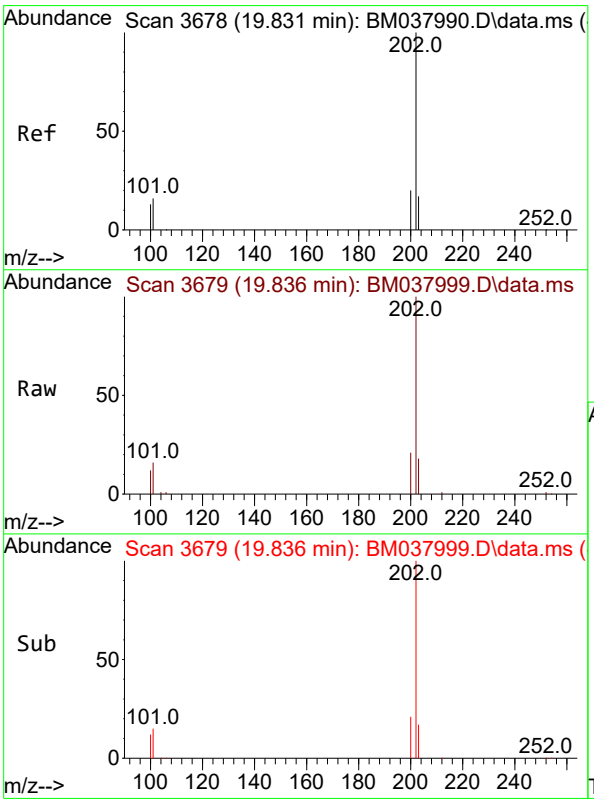
#19
Fluoranthene
Concen: 0.396 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:202 Resp: 17767

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.9	16.3
100	10.4	8.5	12.7

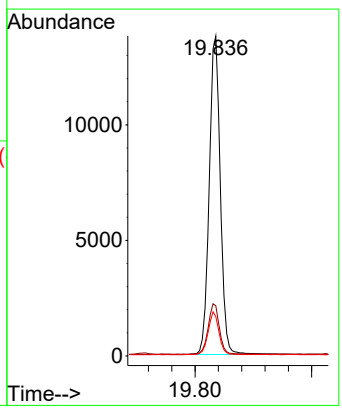


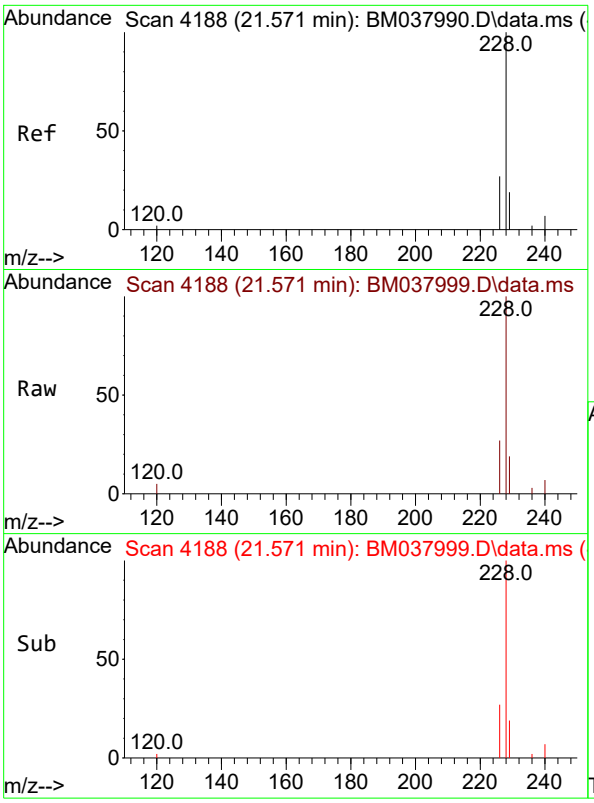


#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:202 Resp: 18229

Ion	Ratio	Lower	Upper
202	100		
101	15.7	12.6	19.0
100	12.3	10.6	15.8



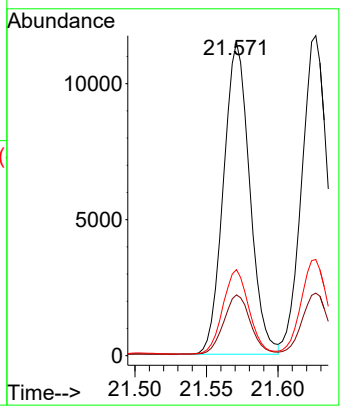


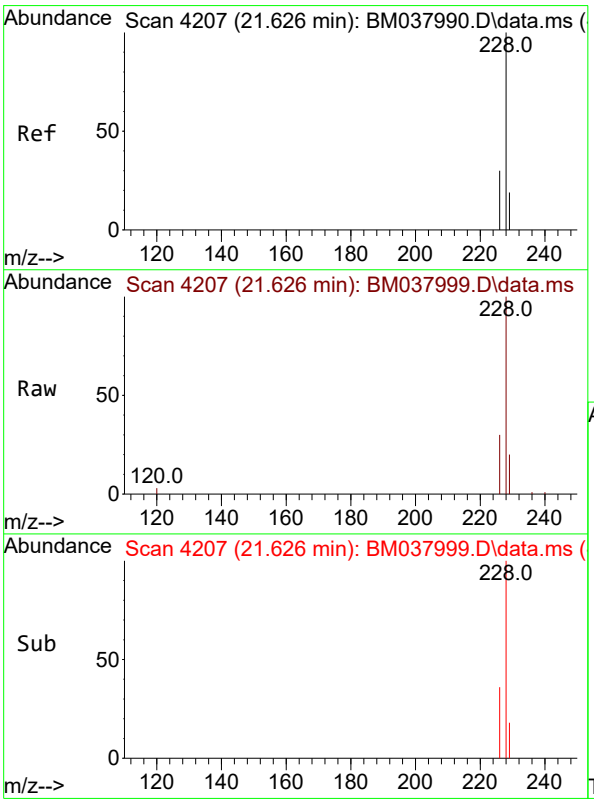
#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.571 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:228 Resp: 14627

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	27.4	21.0	31.4

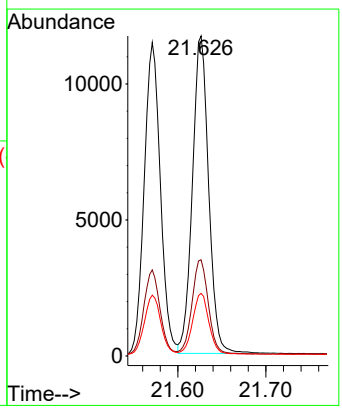


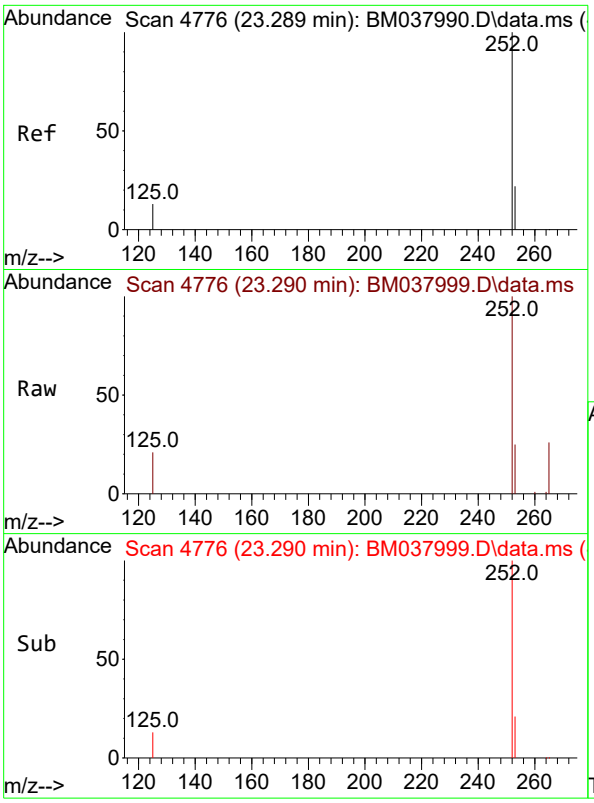


#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.626 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:228 Resp: 15008

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.5	15.8	23.8



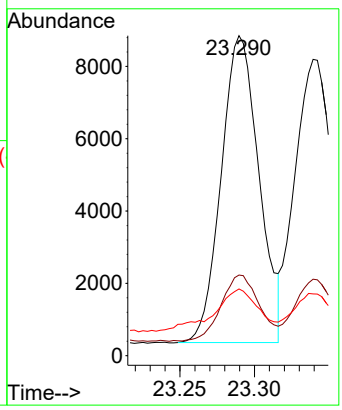


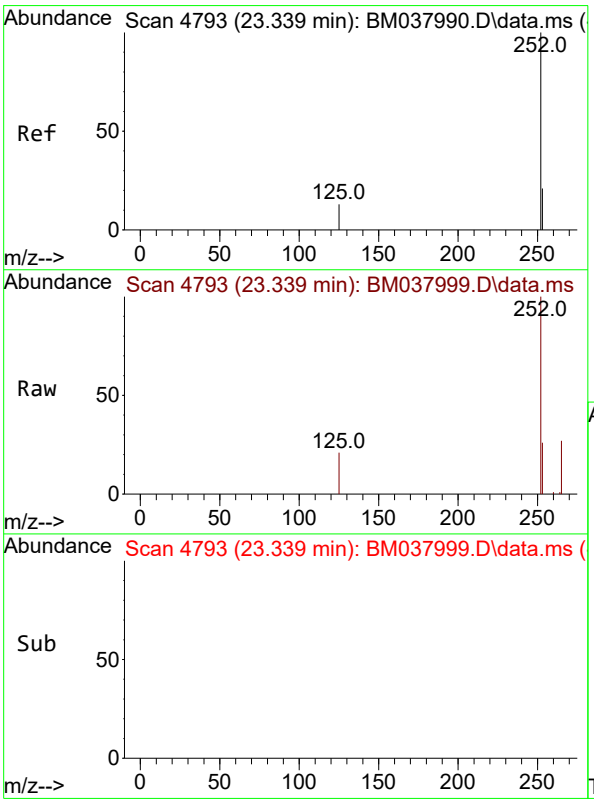
#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.290 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:252 Resp: 14967

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	49.6
125	20.9	0.0	39.6

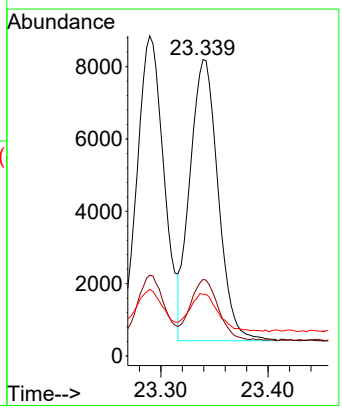


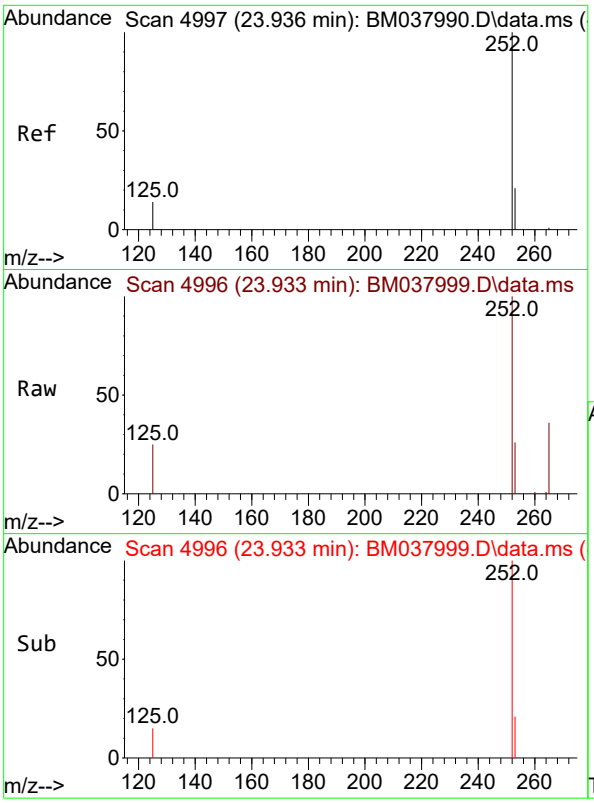


#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.339 min Scan# 4793
Delta R.T. -0.003 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:252 Resp: 14263

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.4	29.0
125	20.8	16.7	25.1



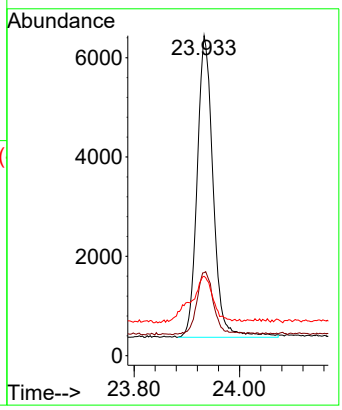


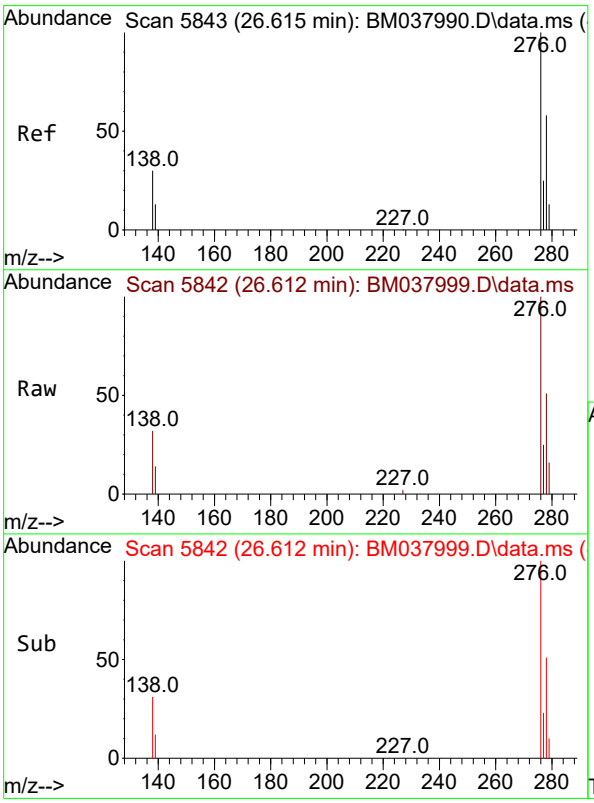
#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.933 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:252 Resp: 12735

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.7	32.5
125	24.8	20.4	30.6

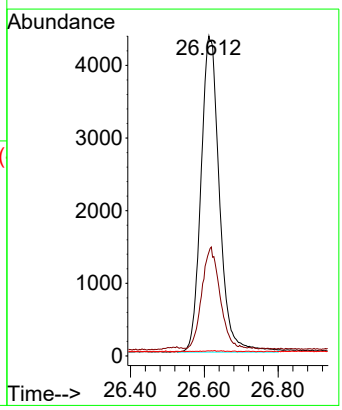


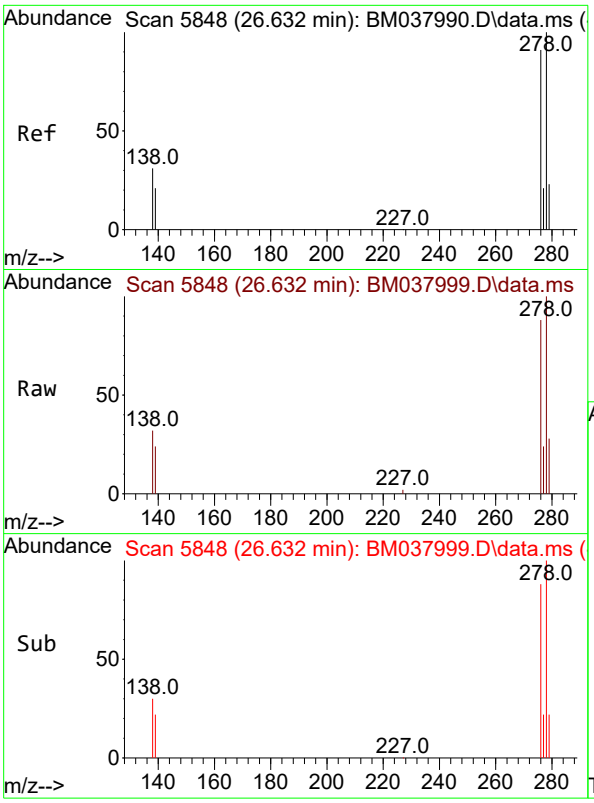


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.007 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:276 Resp: 15093

Ion	Ratio	Lower	Upper
276	100		
138	31.9	0.0	0.0#
227	0.1	0.1	0.1#



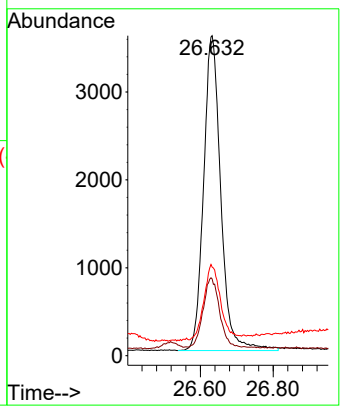


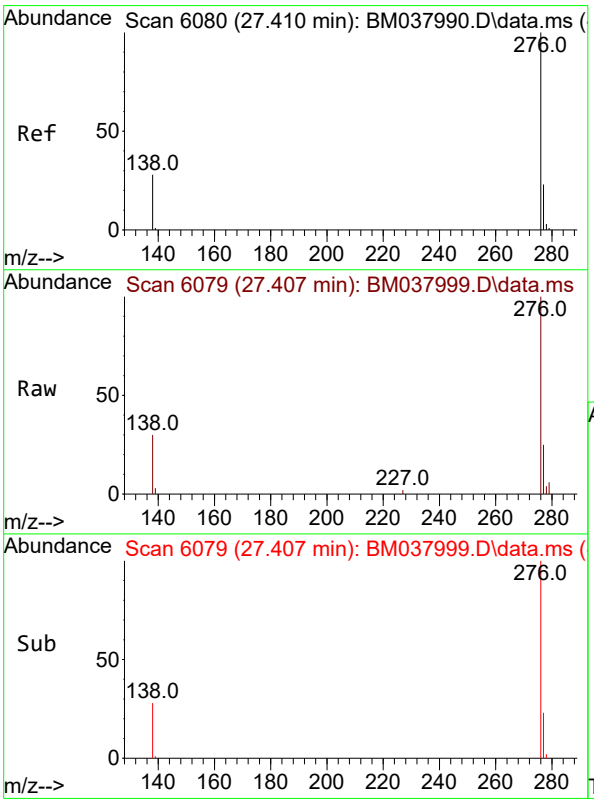
#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.632 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD0.4185

Tgt Ion:278 Resp: 11726

Ion	Ratio	Lower	Upper
278	100		
139	24.0	19.4	29.0
279	27.7	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.366 ng/ul
RT: 27.407 min Scan# 6079
Delta R.T. -0.010 min
Lab File: BM037999.D
Acq: 14 Dec 2022 16:06

Tgt Ion:276 Resp: 12748

Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.5	35.3
277	24.5	20.0	30.0