Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
Data File : BM037996.D
Acq On : 14 Dec 2022 14:16
Operator : CG/JU
Sample : PB149619BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS619

Quant Time: Dec 14 23:26:23 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	3764	0.400	ng/ul	0.00
4) Naphthalene-d8	10.884	136	10492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	5442	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	11791	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	7679	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	7341	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	3466	0.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.462	152	5356	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	10677	0.408	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	8004	1.524	ng/ul#	68
5) Naphthalene	10.933	128	11026	0.344	ng/ul	100
7) 2-Methylnaphthalene	12.533	142	6616	0.350	ng/ul	98
8) 1-Methylnaphthalene	12.748	142	7126	0.368	ng/ul	100
10) Acenaphthylene	14.412	152	9801	0.317	ng/ul	99
11) Acenaphthene	14.754	153	7435	0.336	ng/ul	95
12) Fluorene	15.735	166	8306	0.327	ng/ul	99
14) Pentachlorophenol	17.075	266	2829	0.564	ng/ul	99
15) Phenanthrene	17.468	178	13444	0.329	ng/ul	99
16) Anthracene	17.557	178	12294	0.329	ng/ul	99
19) Fluoranthene	19.473	202	14913	0.368	ng/ul	100
20) Pyrene	19.836	202	15246	0.370	ng/ul	99
21) Benzo(a)anthracene	21.571	228	12527	0.357	ng/ul	98
22) Chrysene	21.626	228	12854	0.353	ng/ul	99
24) Benzo(b)fluoranthene	23.290	252	12689	0.312	ng/ul	96
25) Benzo(k)fluoranthene	23.342	252	12319	0.322	ng/ul	97
26) Benzo(a)pyrene	23.936	252	10607	0.321	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.616	276	12954	0.322	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.632	278	10110	0.327	ng/ul	97
29) Benzo(g,h,i)perylene	27.407	276	11128	0.333	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121422\
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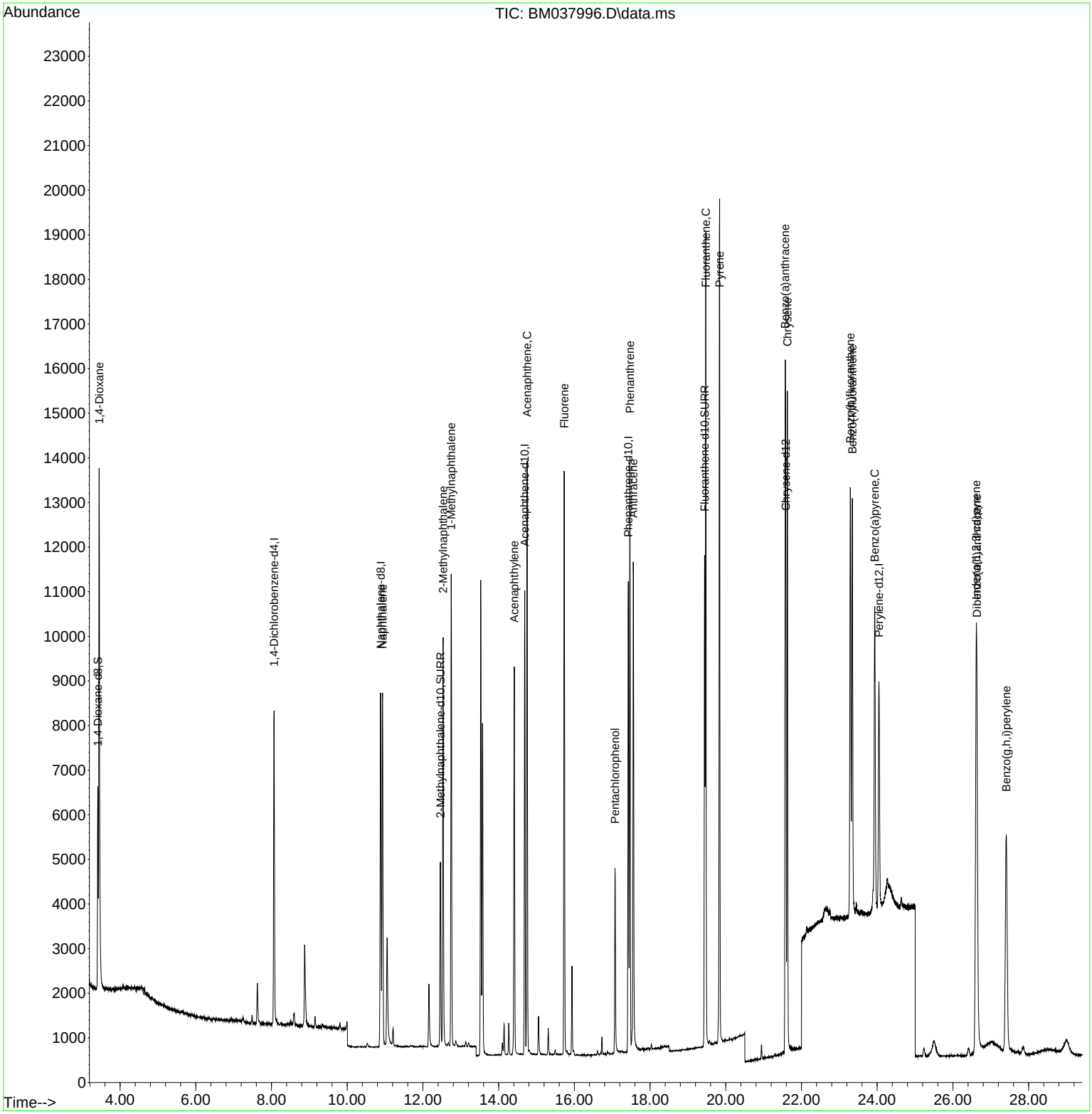
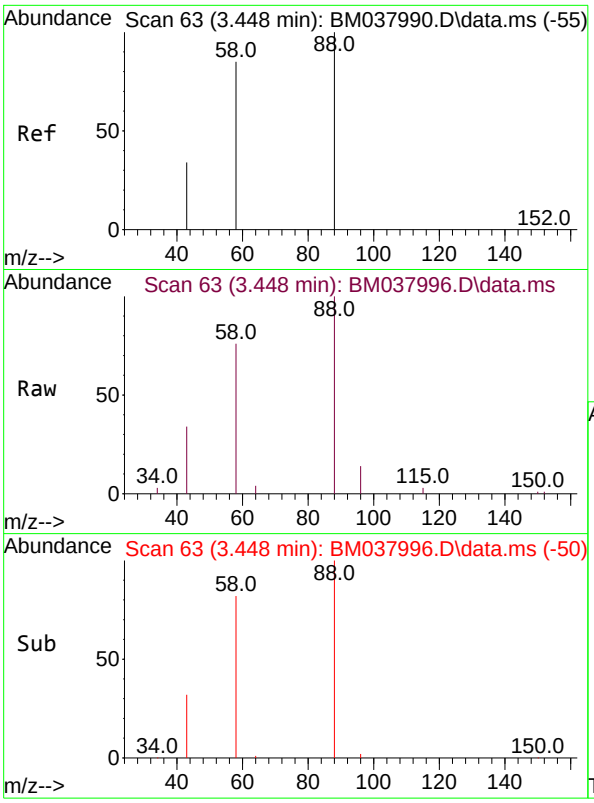


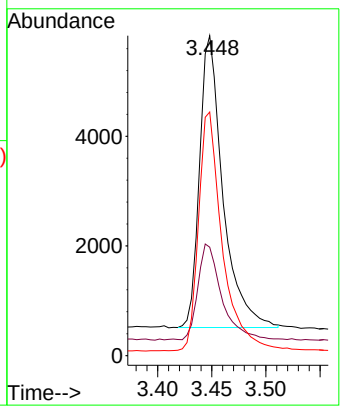


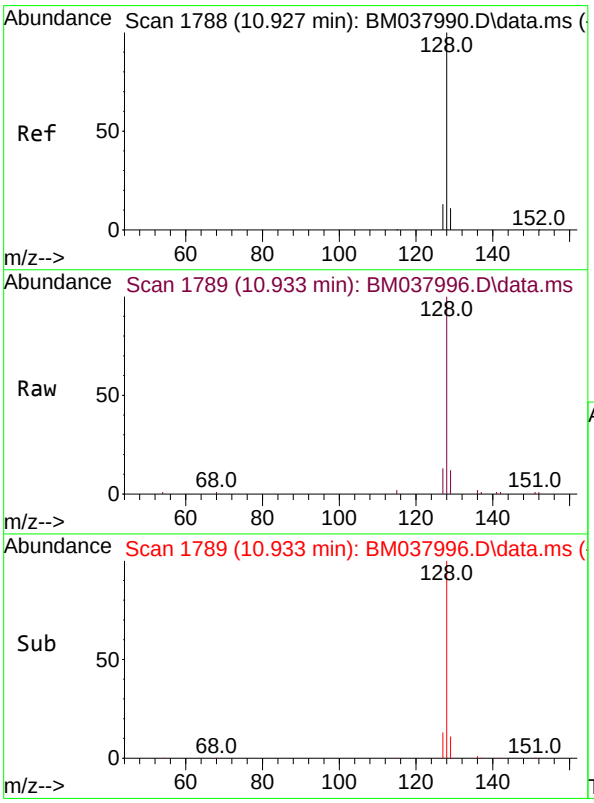
#2
1,4-Dioxane
Concen: 1.524 ng/ul
RT: 3.448 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion: 88 Resp: 8004

Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.5	38.3
58	76.1	33.8	50.8#

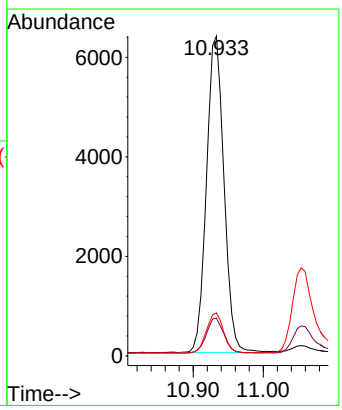


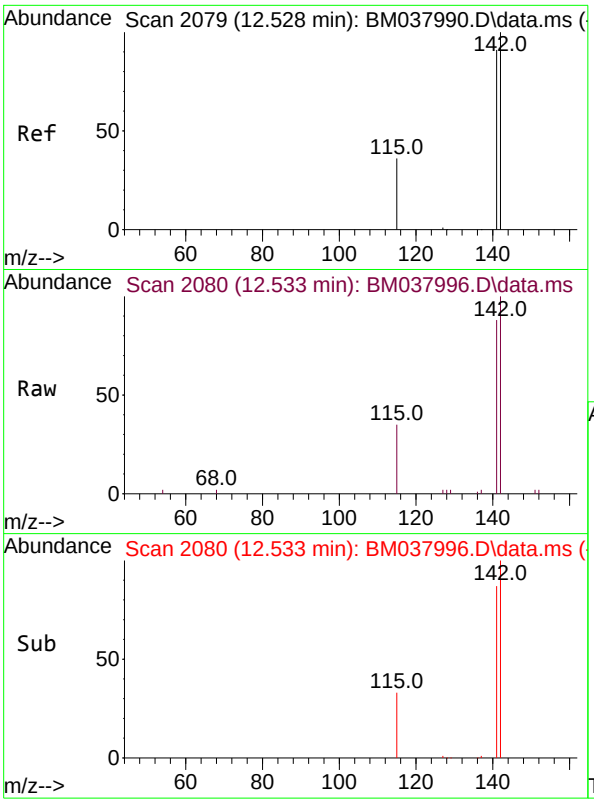


#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.933 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:128 Resp: 11026

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.4	10.8	16.2



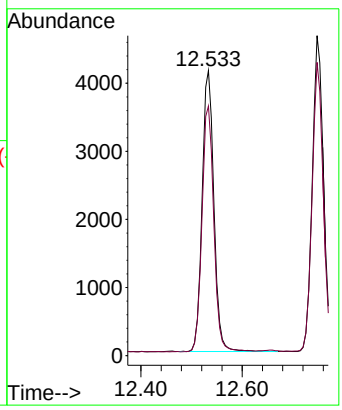


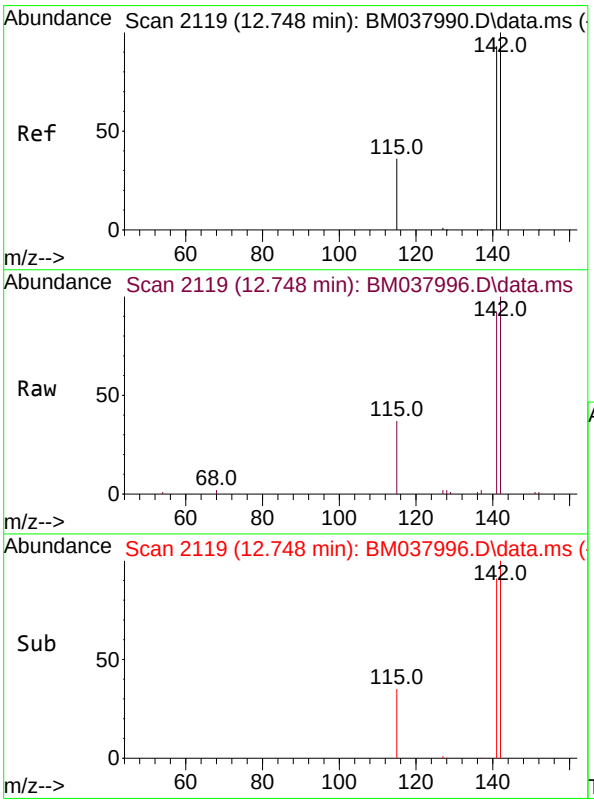
#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:142 Resp: 6616

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.2

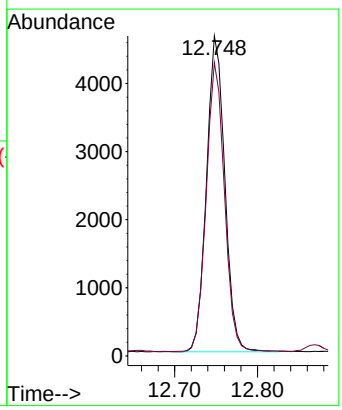


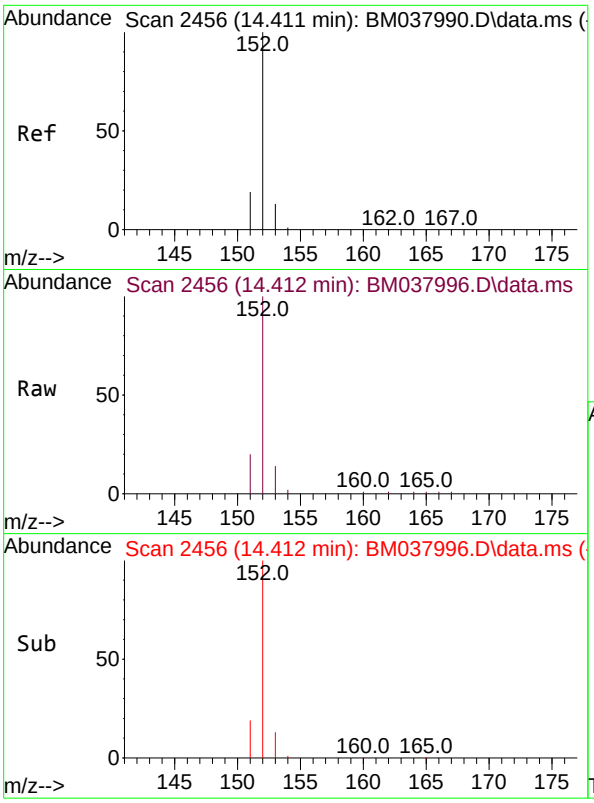


#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.748 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:142 Resp: 7126

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.1	109.7



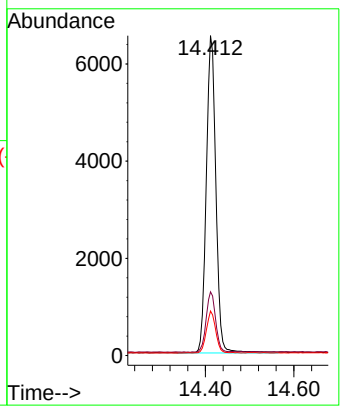


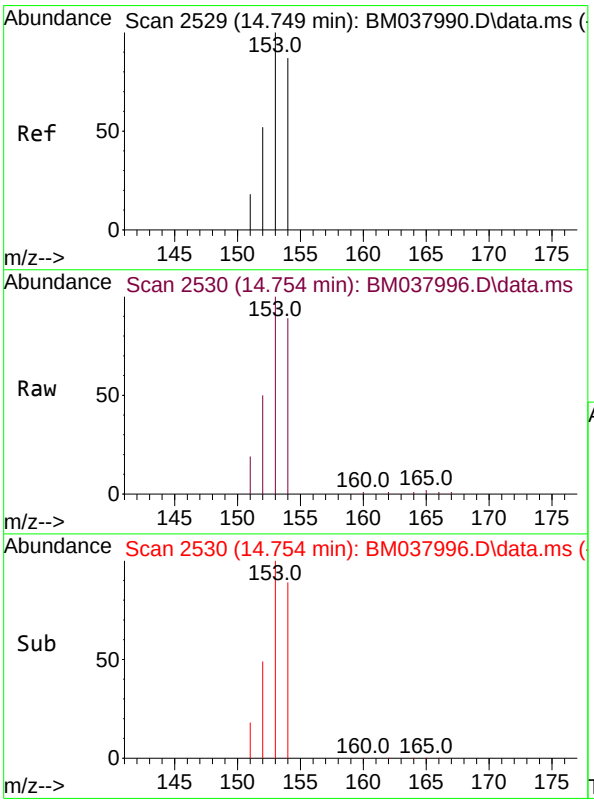
#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.412 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:152 Resp: 9801

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.9	10.7	16.1

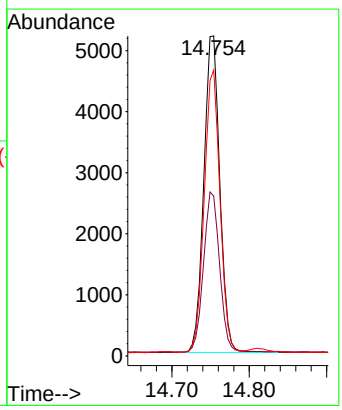


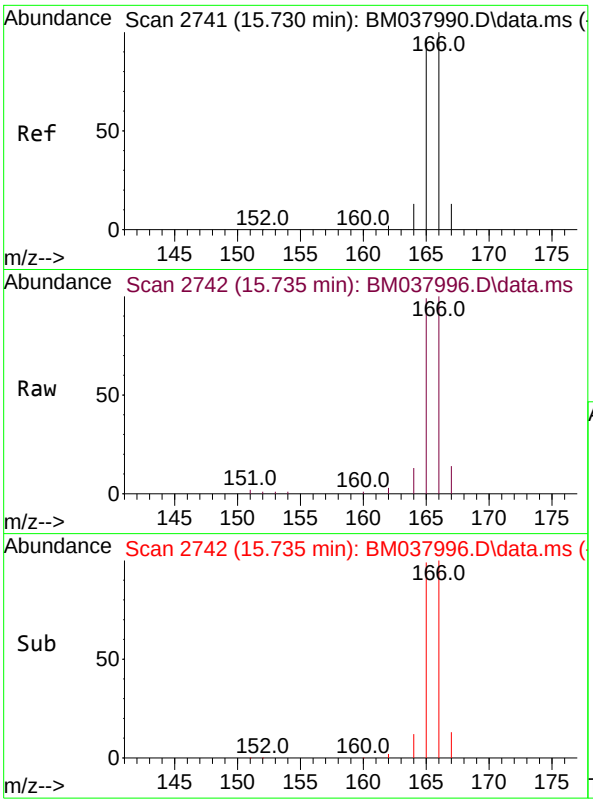


#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.754 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:153 Resp: 7435

Ion	Ratio	Lower	Upper
153	100		
152	50.0	47.1	70.7
154	89.3	70.7	106.1



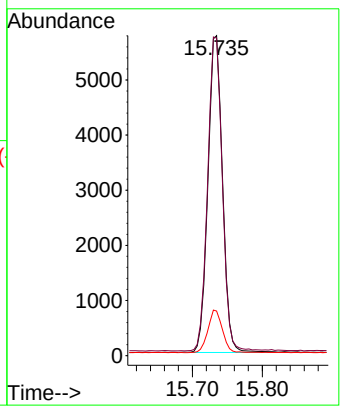


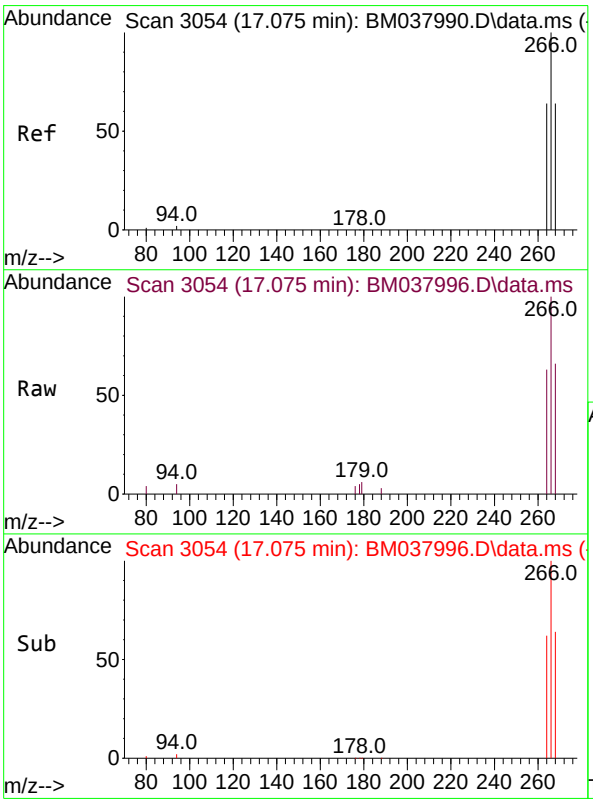
#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.735 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:166 Resp: 8306

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.6
167	14.0	11.7	17.5

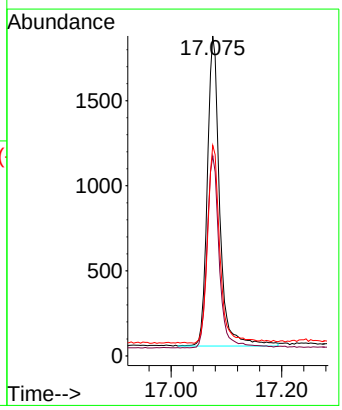


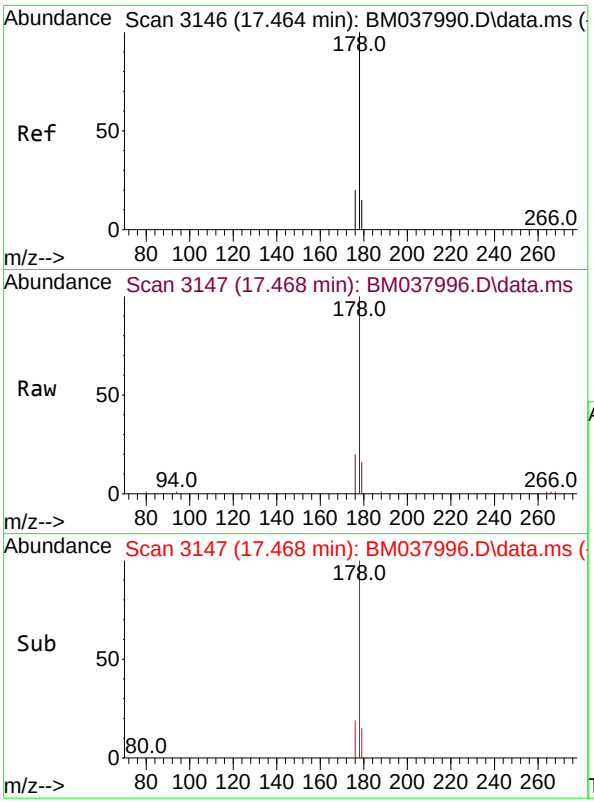


#14
Pentachlorophenol
Concen: 0.564 ng/ul
RT: 17.075 min Scan# 3054
Delta R.T. -0.004 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:266 Resp: 2829

Ion	Ratio	Lower	Upper
266	100		
264	61.6	50.9	76.3
268	63.0	50.4	75.6



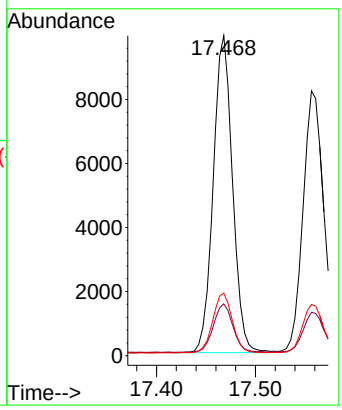


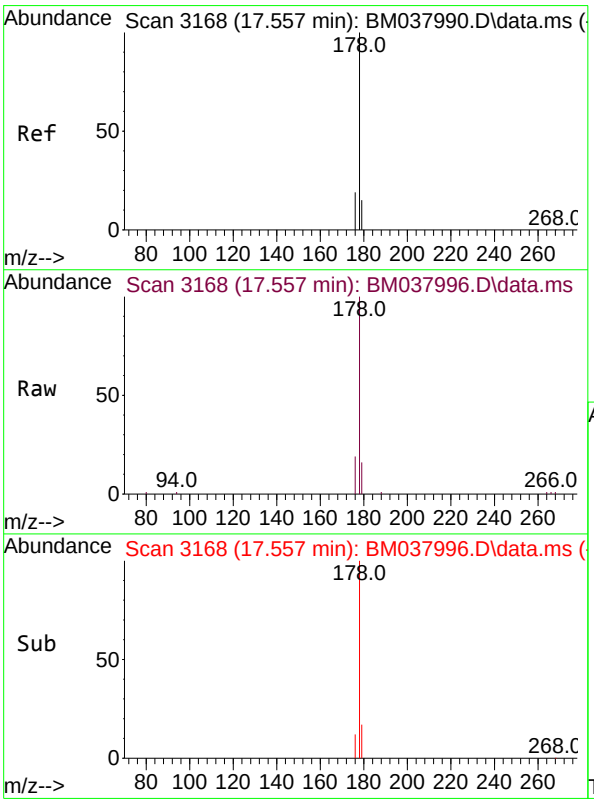
#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:178 Resp: 13444

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	19.5	16.2	24.2

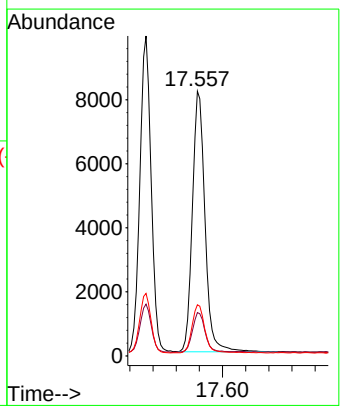


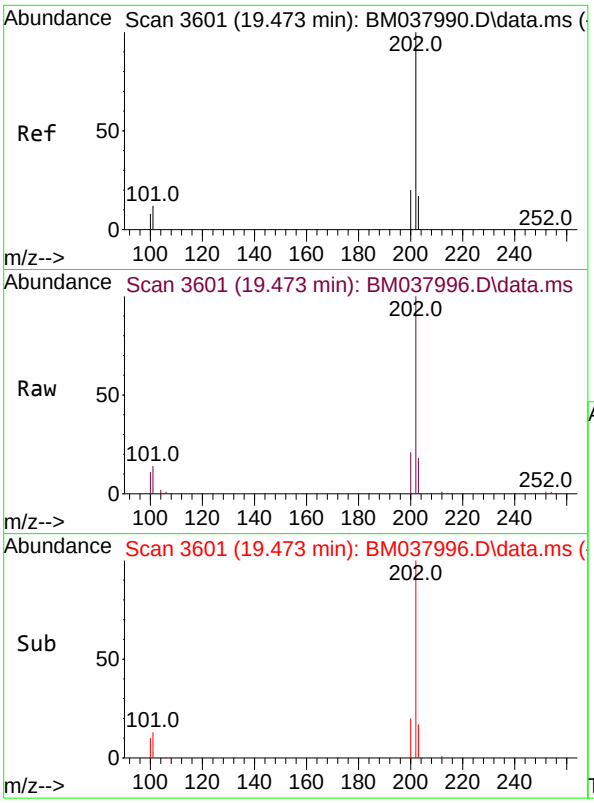


#16
Anthracene
Concen: 0.329 ng/ul
RT: 17.557 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:178 Resp: 12294

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.4	20.0
176	19.3	15.8	23.6



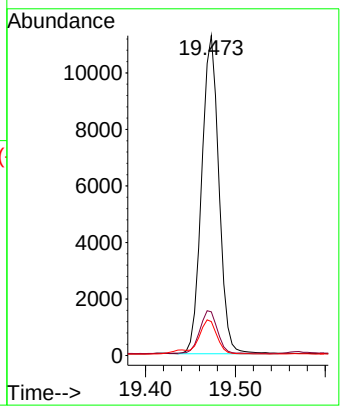


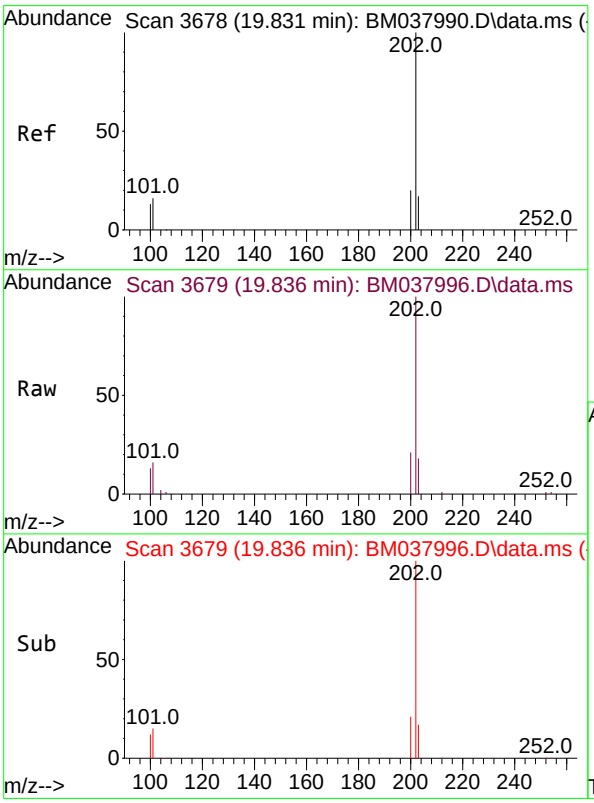
#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.473 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:202 Resp: 14913

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	10.6	8.5	12.7

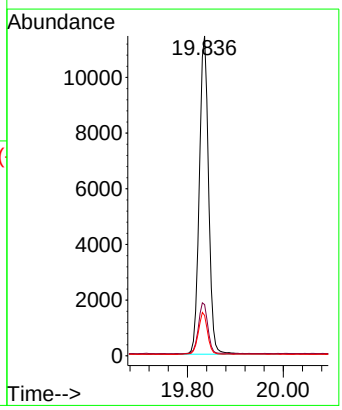


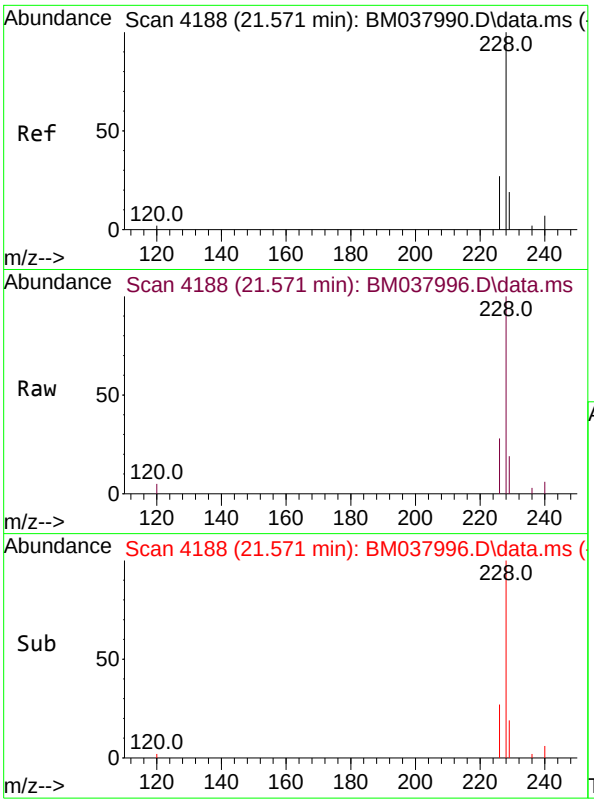


#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:202 Resp: 15246

Ion	Ratio	Lower	Upper
202	100		
101	16.0	12.6	19.0
100	12.6	10.6	15.8



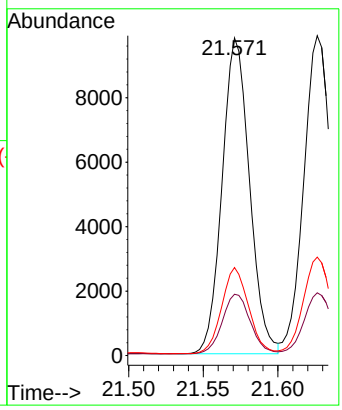


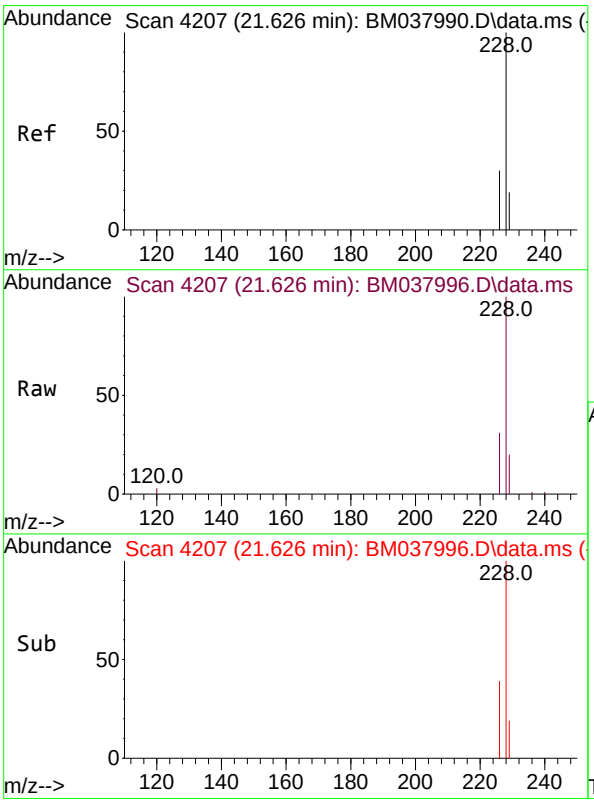
#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.571 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:228 Resp: 12527

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.8	23.6
226	27.7	21.0	31.4

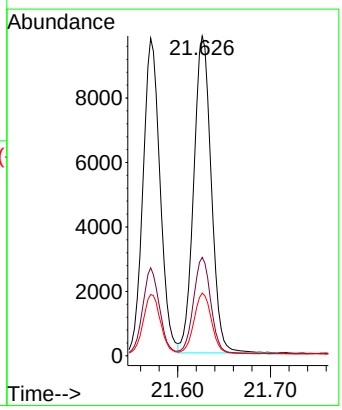


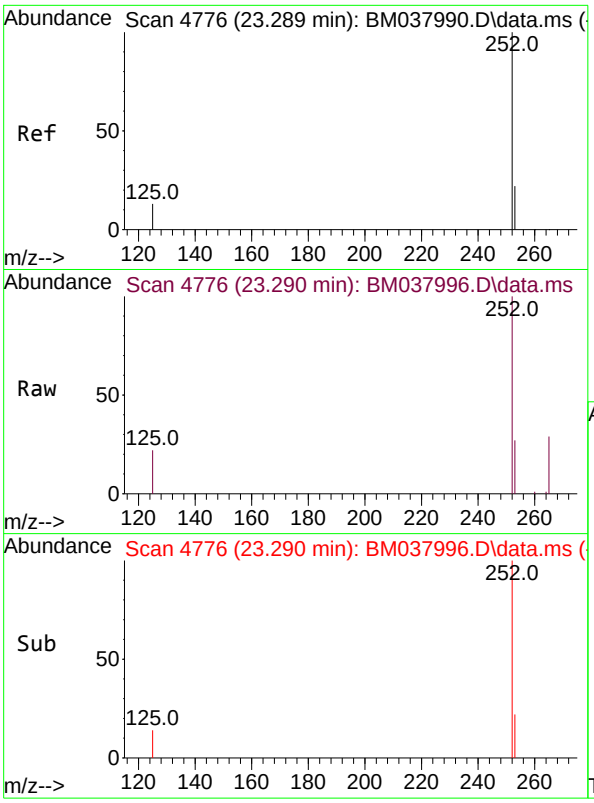


#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.626 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:228 Resp: 12854

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.7	35.5
229	19.6	15.8	23.8



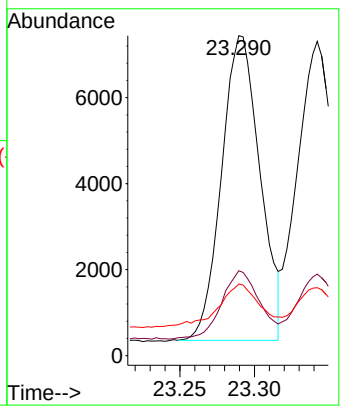


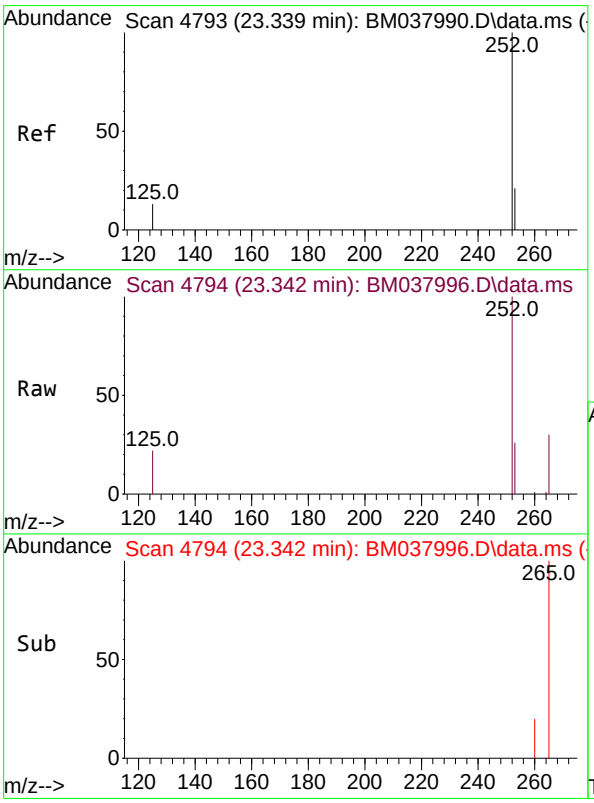
#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul
RT: 23.290 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:252 Resp: 12689

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	49.6
125	22.4	0.0	39.6

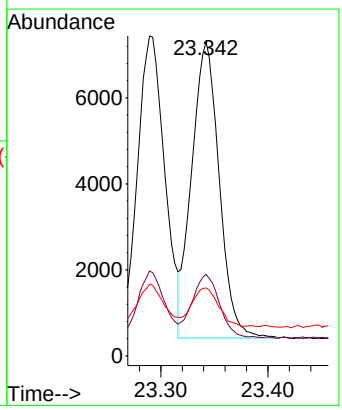


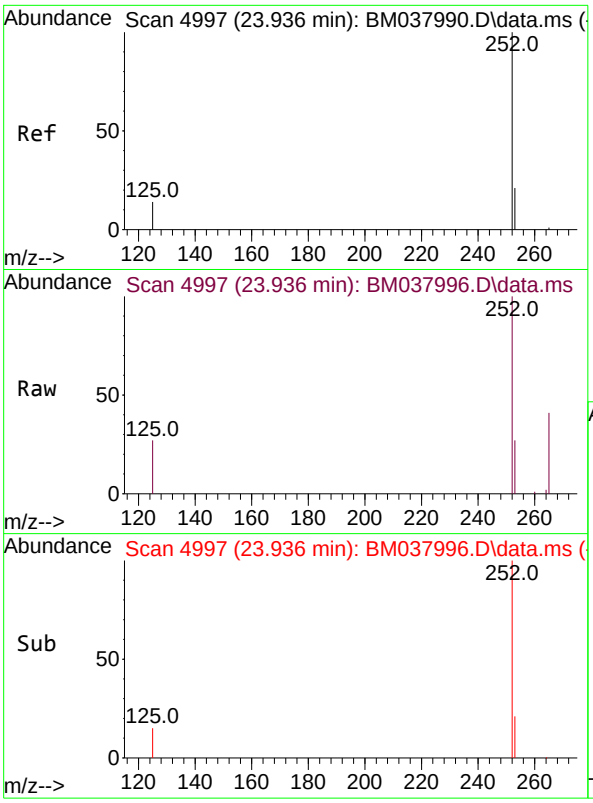


#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.342 min Scan# 4794
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:252 Resp: 12319

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.4	29.0
125	21.6	16.7	25.1



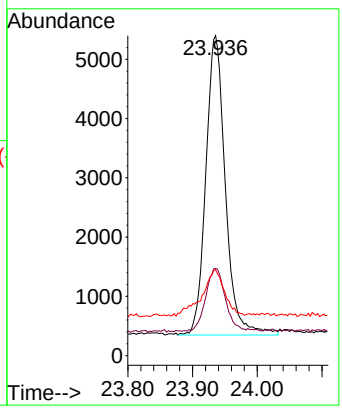


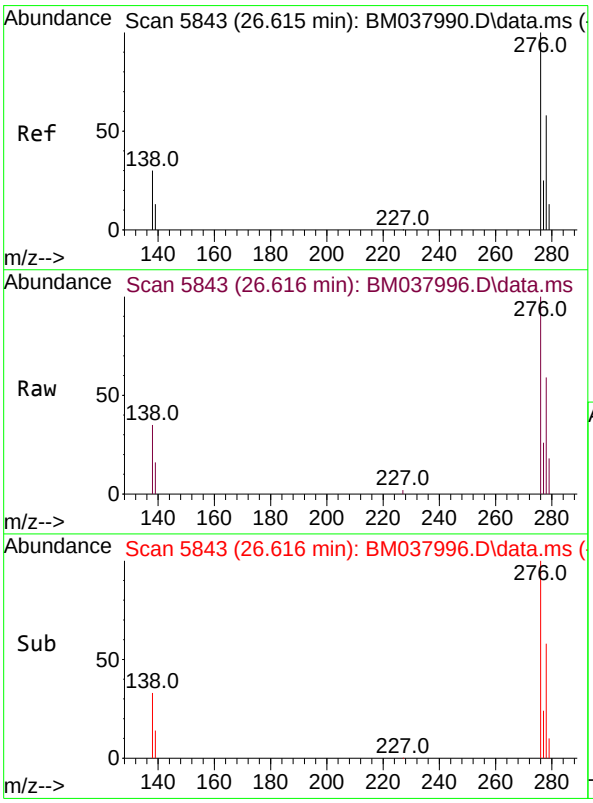
#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.936 min Scan# 49
Delta R.T. -0.003 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:252 Resp: 10607

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.7	32.5
125	26.9	20.4	30.6

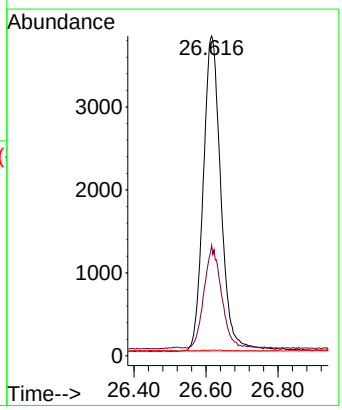


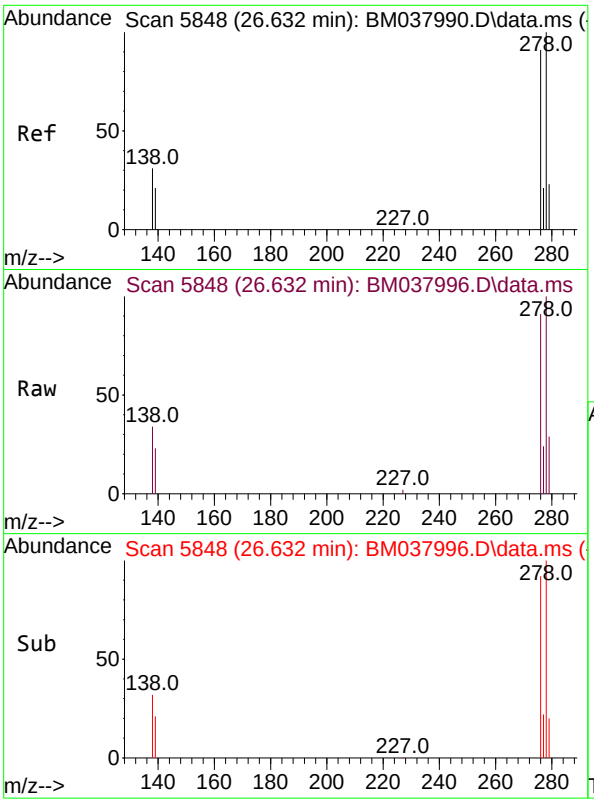


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul
RT: 26.616 min Scan# 5843
Delta R.T. -0.004 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:276 Resp: 12954

Ion	Ratio	Lower	Upper
276	100		
138	32.5	0.0	0.0#
227	0.1	0.1	0.1



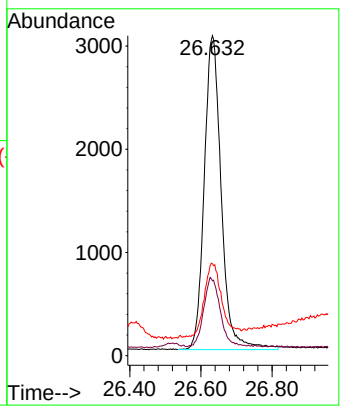


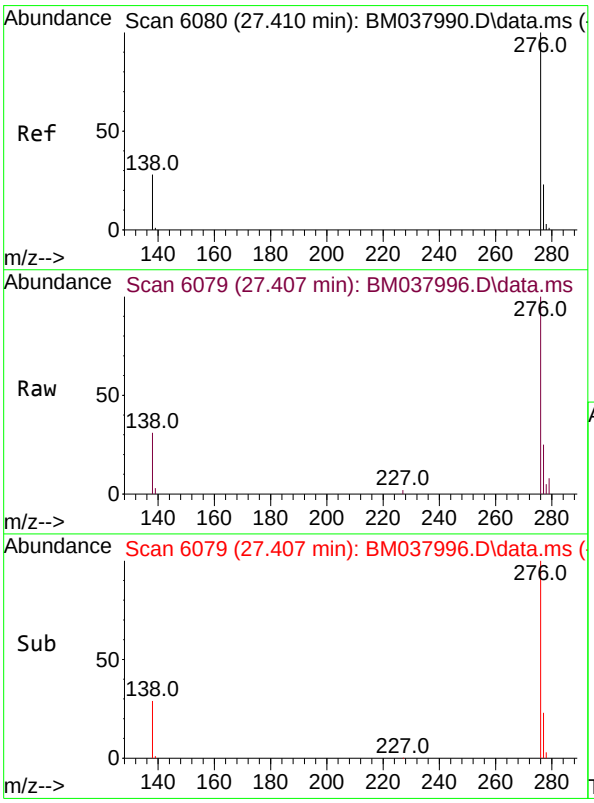
#28
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 26.632 min Scan# 58
Delta R.T. -0.000 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Instrument :
BNA_M
ClientSampleId :
SLCS619

Tgt Ion:278 Resp: 10110

Ion	Ratio	Lower	Upper
278	100		
139	23.4	19.4	29.0
279	28.7	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.407 min Scan# 6079
Delta R.T. -0.010 min
Lab File: BM037996.D
Acq: 14 Dec 2022 14:16

Tgt Ion:276 Resp: 11128

Ion	Ratio	Lower	Upper
276	100		
138	31.1	23.5	35.3
277	24.9	20.0	30.0