Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044902.D
Acq On : 03 Apr 2024 21:51
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV028

Quant Time: Apr 03 23:34:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	2436	0.400	ng/ul	0.00
4) Naphthalene-d8	10.435	136	7178	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.302	164	3919	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	9138	0.400	ng/ul	0.00
17) Chrysene-d12	21.269	240	9214	0.400	ng/ul	0.00
23) Perylene-d12	23.502	264	11847	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	1188	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.046	152	3926	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.103	212	9400	0.404	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.256	88	1049	0.342	ng/ul	99
5) Naphthalene	10.485	128	8081	0.424	ng/ul	97
7) 2-Methylnaphthalene	12.123	142	5049	0.444	ng/ul	100
8) 1-Methylnaphthalene	12.332	142	4793	0.386	ng/ul	99
10) Acenaphthylene	14.025	152	8163	0.417	ng/ul	98
11) Acenaphthene	14.367	153	5754	0.411	ng/ul	99
12) Fluorene	15.366	166	6666	0.425	ng/ul	100
14) Pentachlorophenol	16.731	266	792	0.370	ng/ul	96
15) Phenanthrene	17.107	178	10691	0.416	ng/ul	99
16) Anthracene	17.208	178	10283	0.406	ng/ul	99
19) Fluoranthene	19.131	202	13520	0.411	ng/ul	98
20) Pyrene	19.498	202	14392	0.414	ng/ul	100
21) Benzo(a)anthracene	21.257	228	13645	0.425	ng/ul	99
22) Chrysene	21.307	228	16162	0.404	ng/ul	99
24) Benzo(b)fluoranthene	22.830	252	17409	0.407	ng/ul	95
25) Benzo(k)fluoranthene	22.874	252	19743	0.412	ng/ul	97
26) Benzo(a)pyrene	23.406	252	16832	0.412	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.749	276	23541	0.420	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.776	278	18352	0.414	ng/ul	98
29) Benzo(g,h,i)perylene	26.437	276	19212	0.398	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
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Quant Time: Apr 03 23:34:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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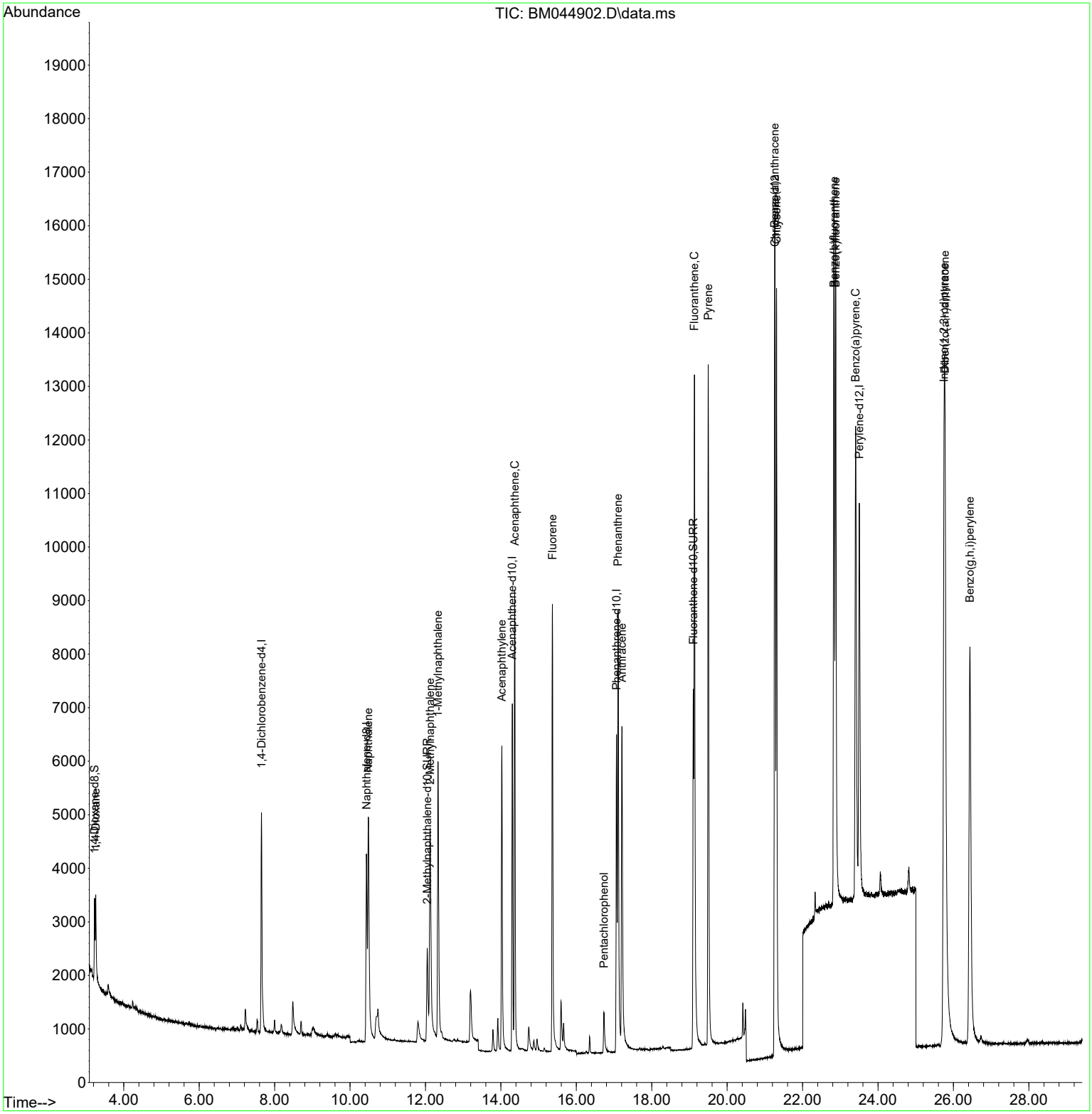
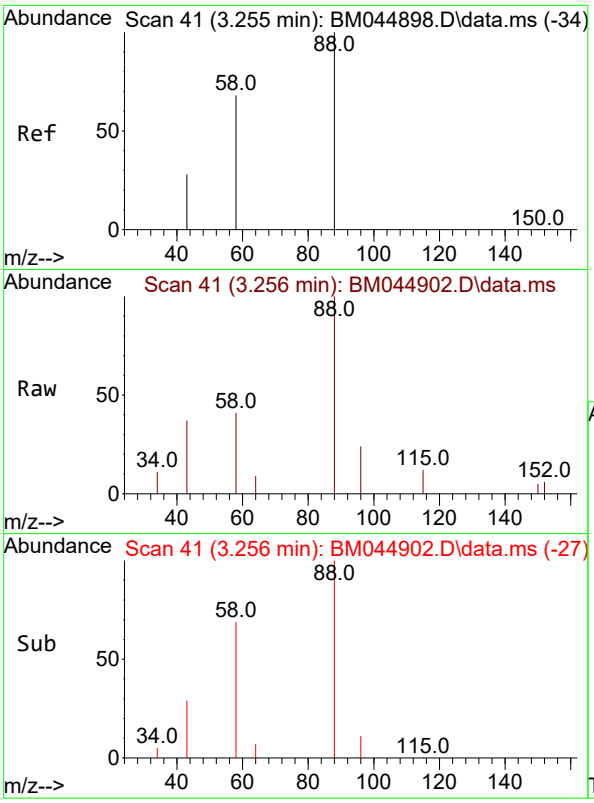


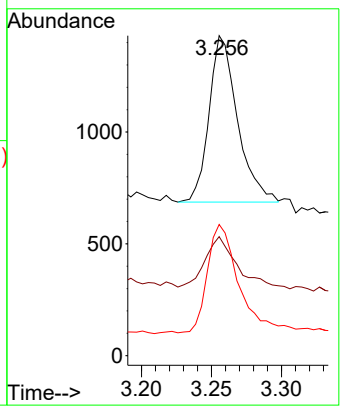


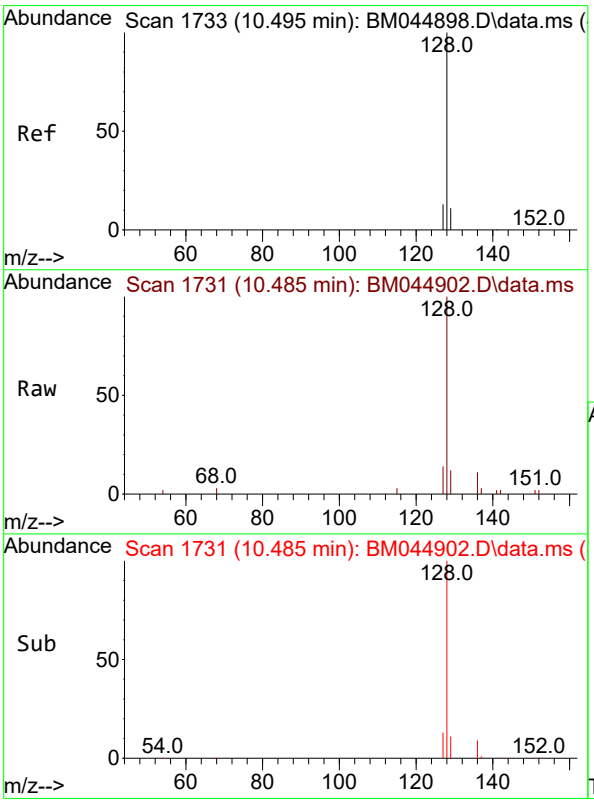
#2
1,4-Dioxane
Concen: 0.342 ng/ul
RT: 3.256 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion: 88 Resp: 1049

Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.6	46.0
58	41.0	32.6	48.8

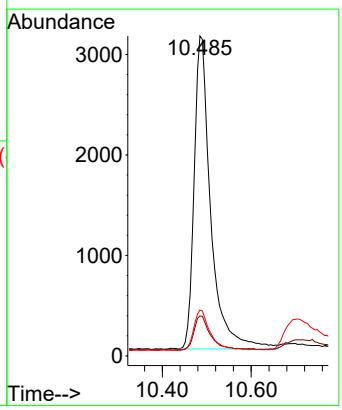


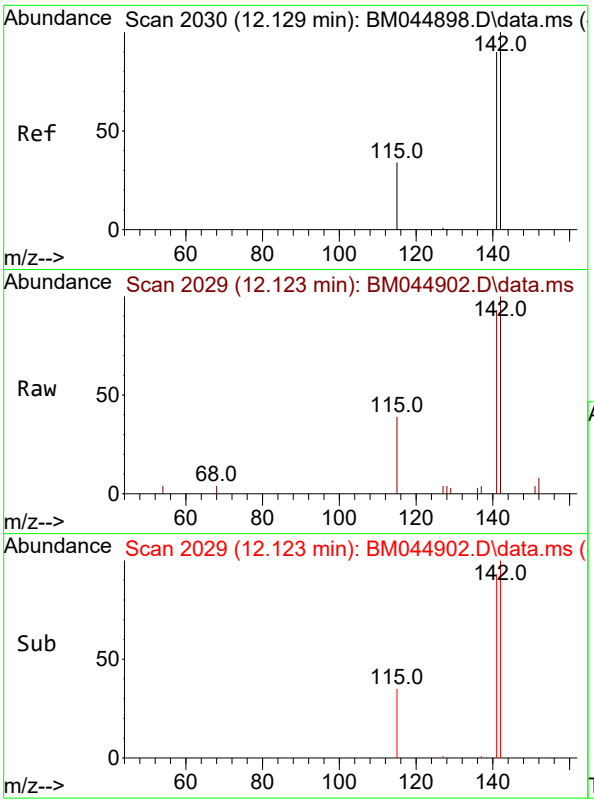


#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.485 min Scan# 1731
Delta R.T. -0.011 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:128 Resp: 8081

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.3	16.9
127	14.4	11.9	17.9



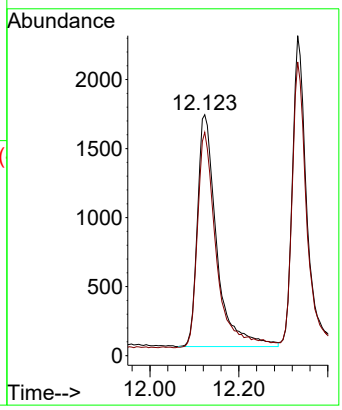


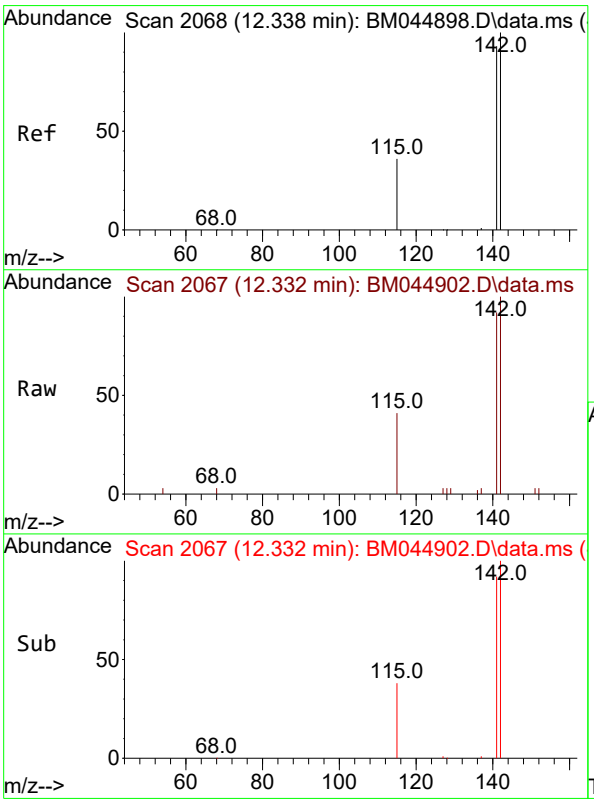
#7
2-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.123 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:142 Resp: 5049

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.8

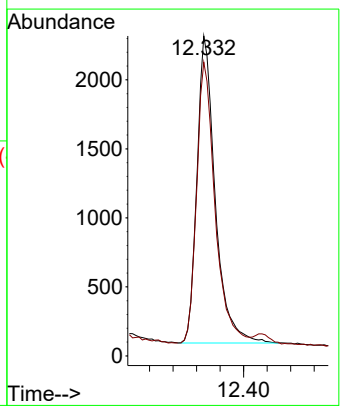


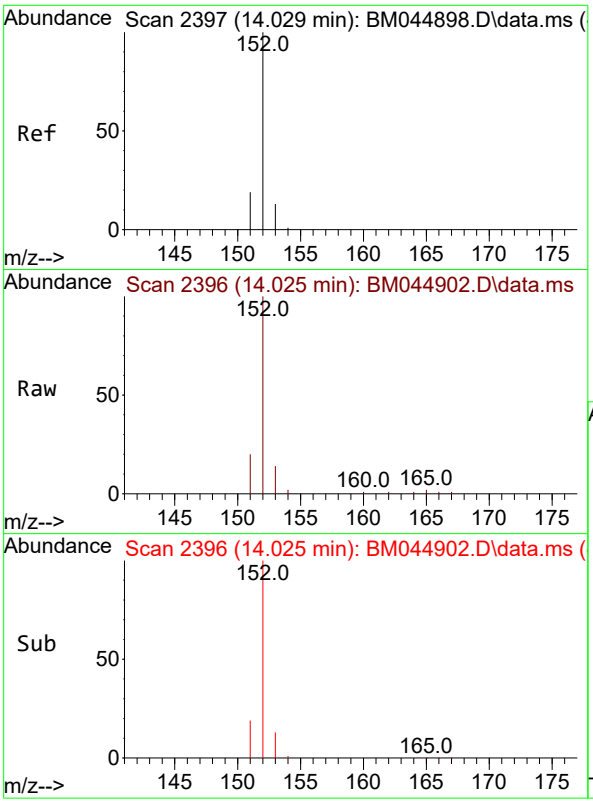


#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.332 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:142 Resp: 4793

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.2



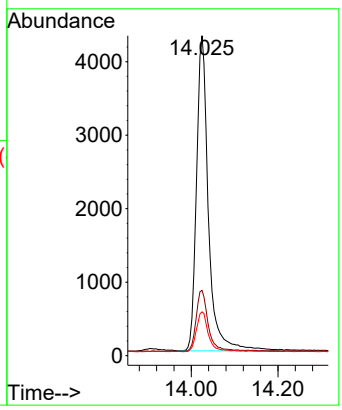


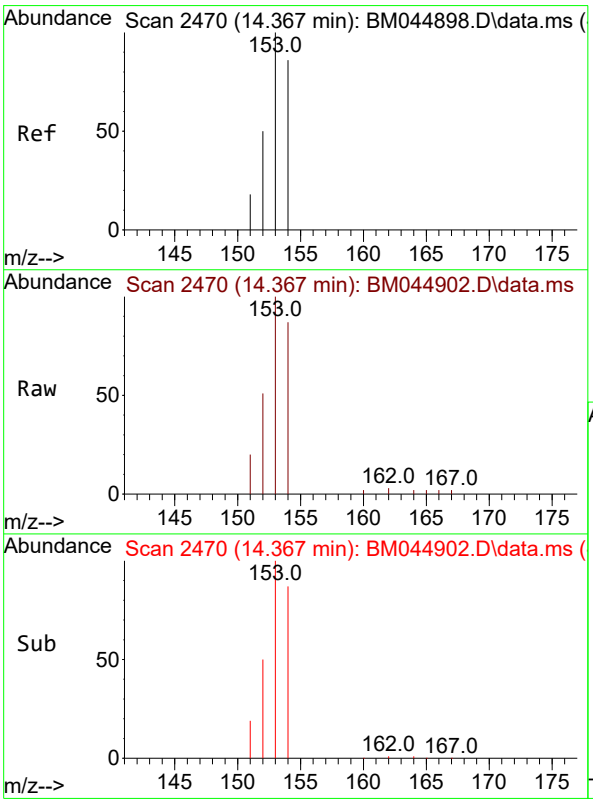
#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.025 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:152 Resp: 8163

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.4
153	13.7	11.9	17.9

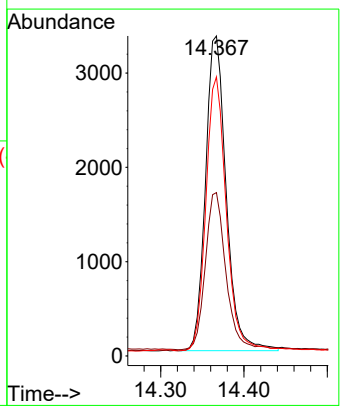


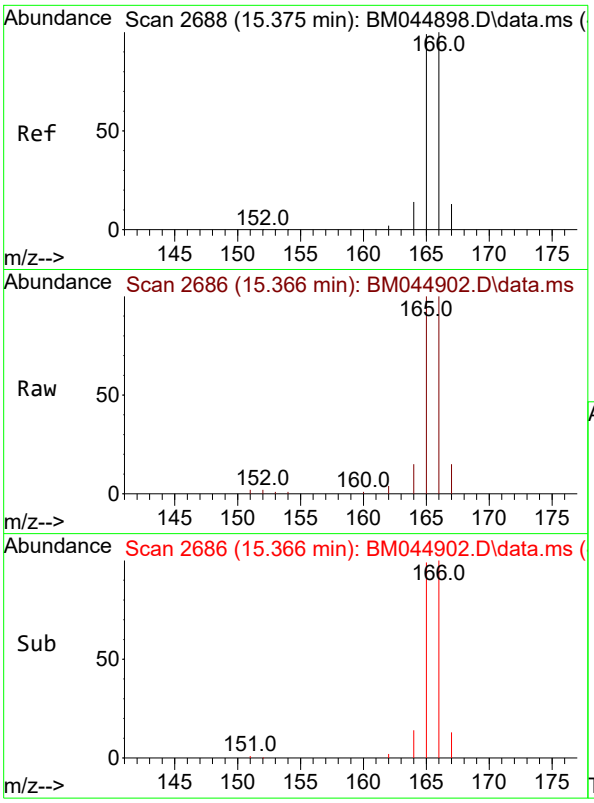


#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.367 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:153 Resp: 5754

Ion	Ratio	Lower	Upper
153	100		
152	51.1	41.2	61.8
154	87.2	69.4	104.0



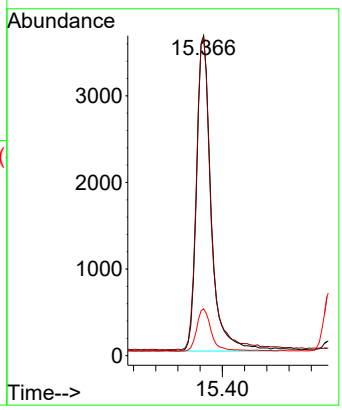


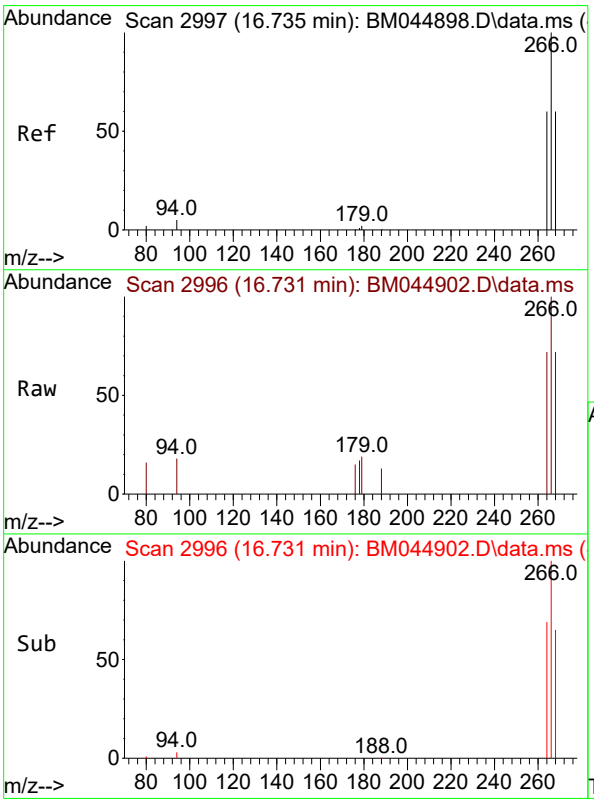
#12
Fluorene
Concen: 0.425 ng/ul
RT: 15.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:166 Resp: 6666

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.9	119.9
167	14.6	12.2	18.2

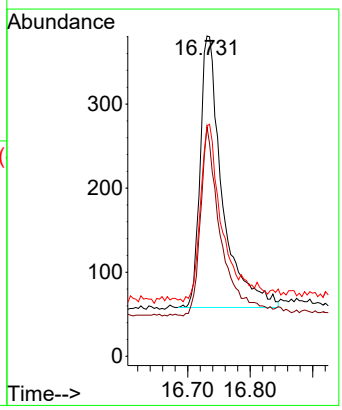


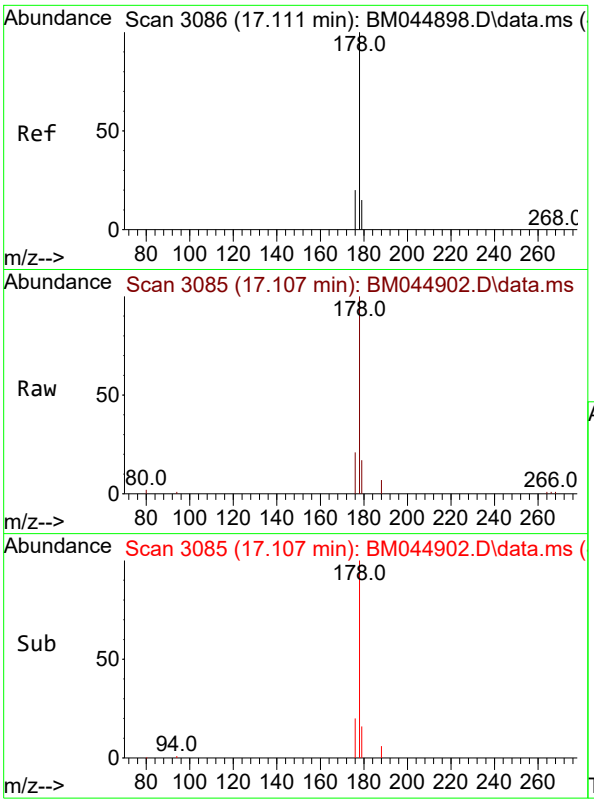


#14
Pentachlorophenol
Concen: 0.370 ng/ul
RT: 16.731 min Scan# 2996
Delta R.T. -0.004 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:266 Resp: 792

Ion	Ratio	Lower	Upper
266	100		
264	66.5	48.3	72.5
268	65.8	52.6	79.0



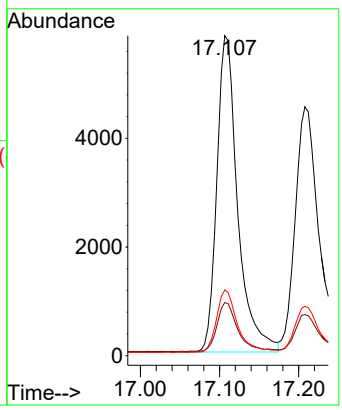


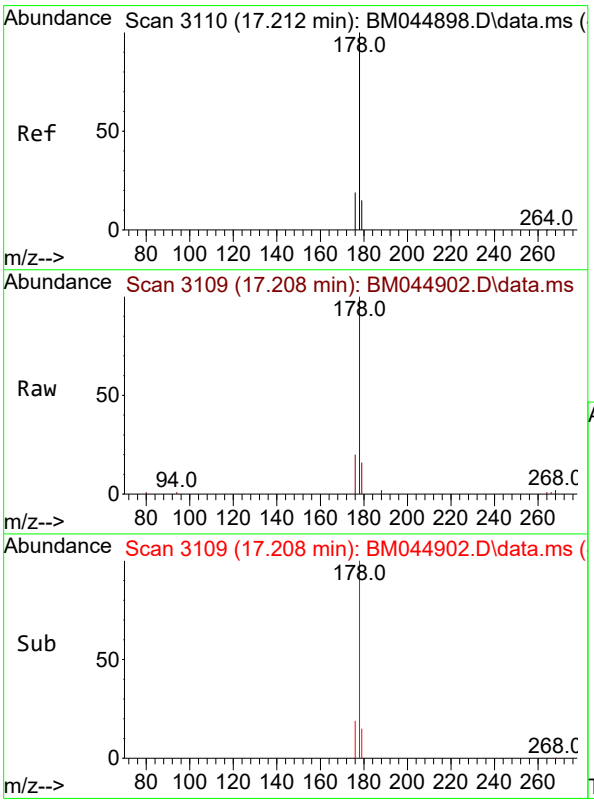
#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.107 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:178 Resp: 10691

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.7	20.5
176	20.5	17.0	25.4

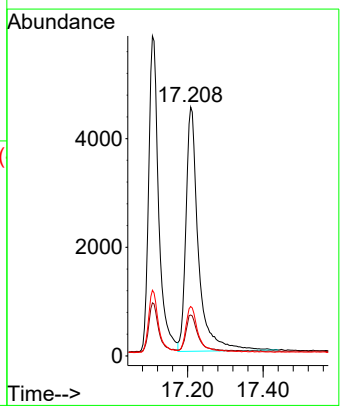


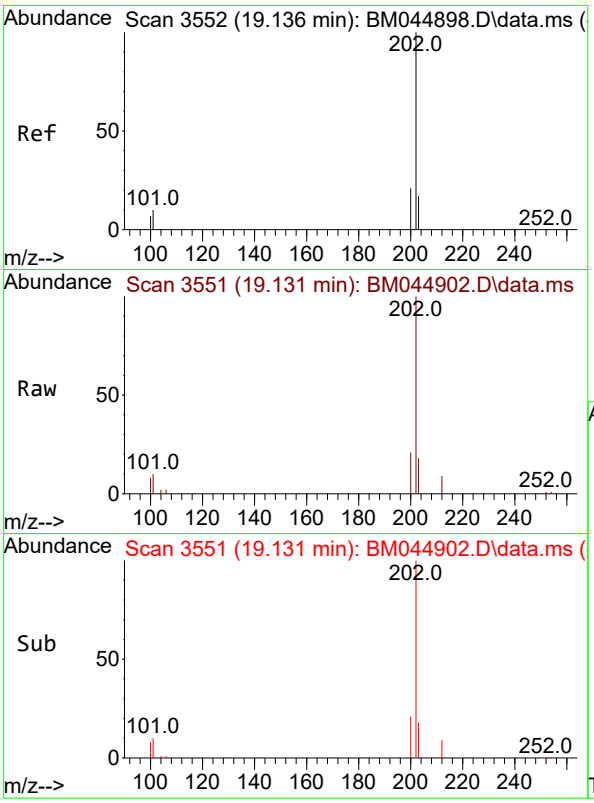


#16
Anthracene
Concen: 0.406 ng/ul
RT: 17.208 min Scan# 3109
Delta R.T. -0.004 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:178 Resp: 10283

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.8	20.8
176	19.9	16.2	24.4



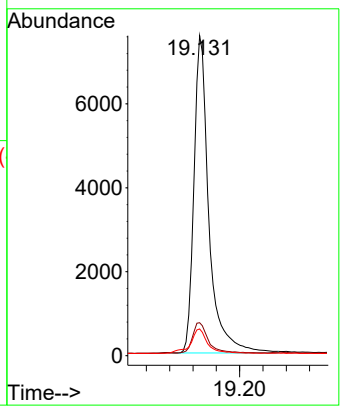


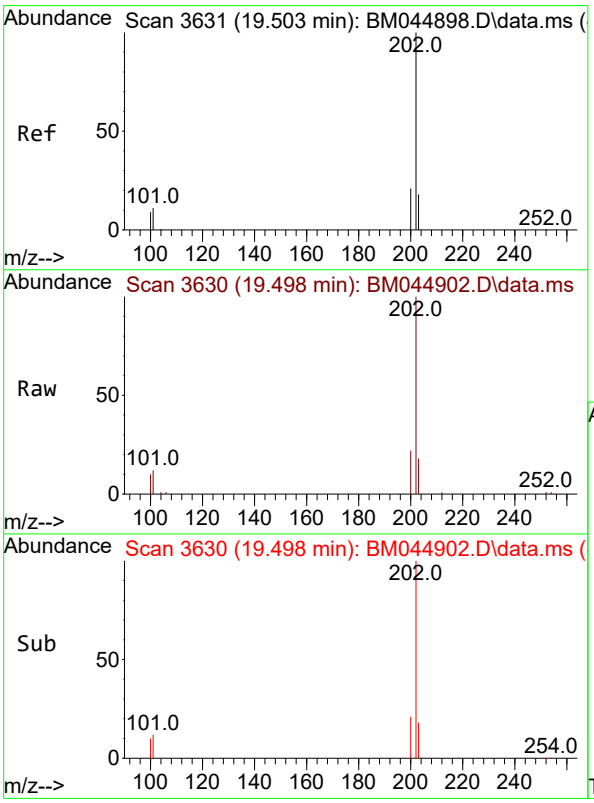
#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.131 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:202 Resp: 13520

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.8	13.2
100	8.3	7.0	10.4

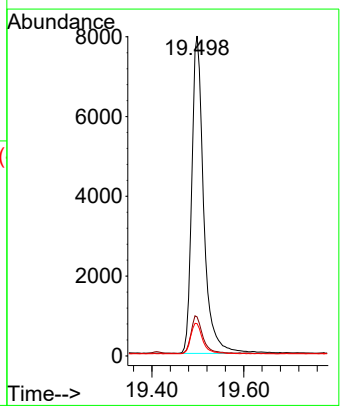


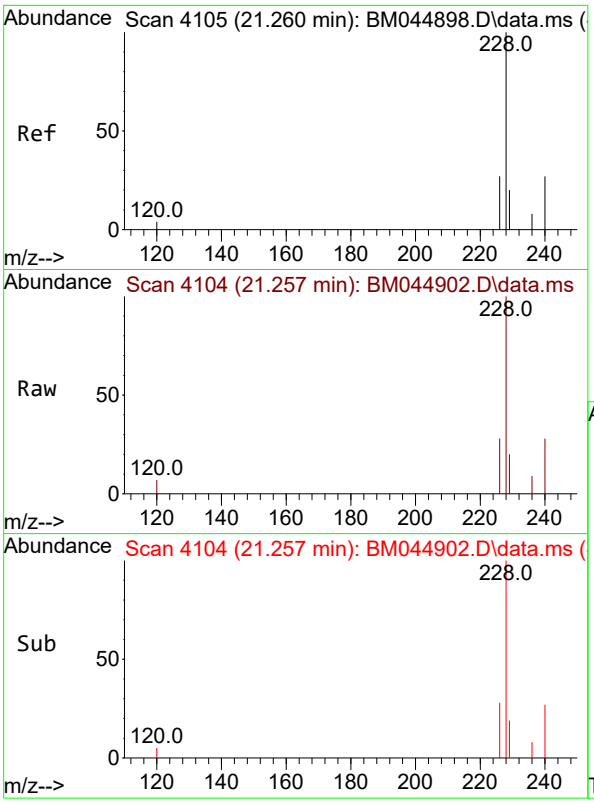


#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.498 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:202 Resp: 14392

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	10.1	8.1	12.1





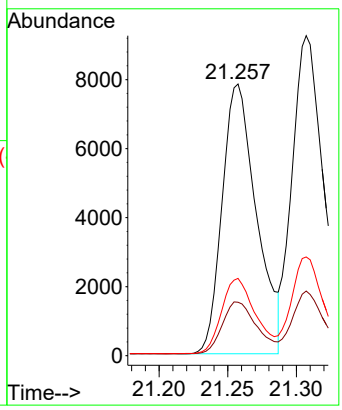
#21
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.257 min Scan# 4

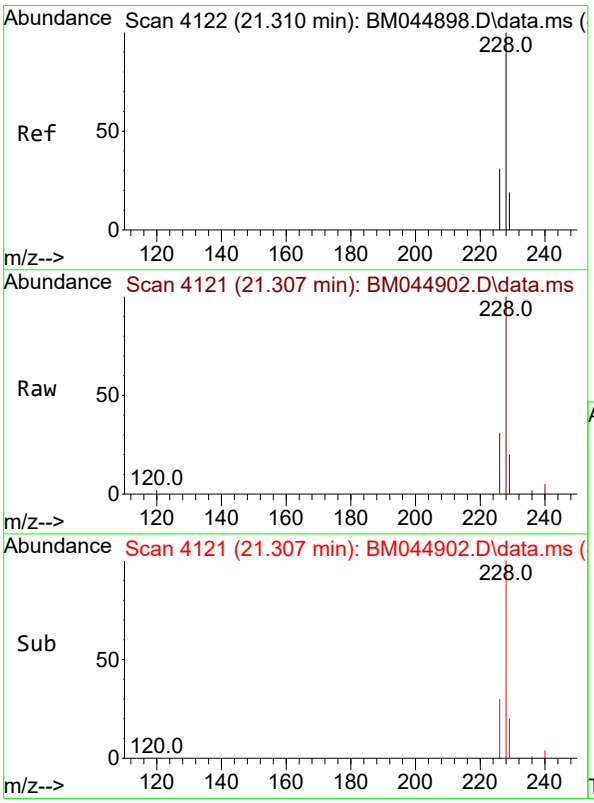
Instrument :
BNA_M
ClientSampleId :
SICV028

Delta R.T. -0.003 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:228 Resp: 13645

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.4	24.6
226	28.4	22.3	33.5

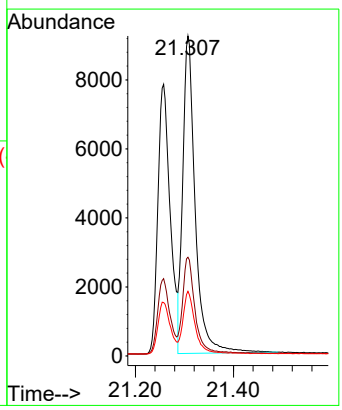


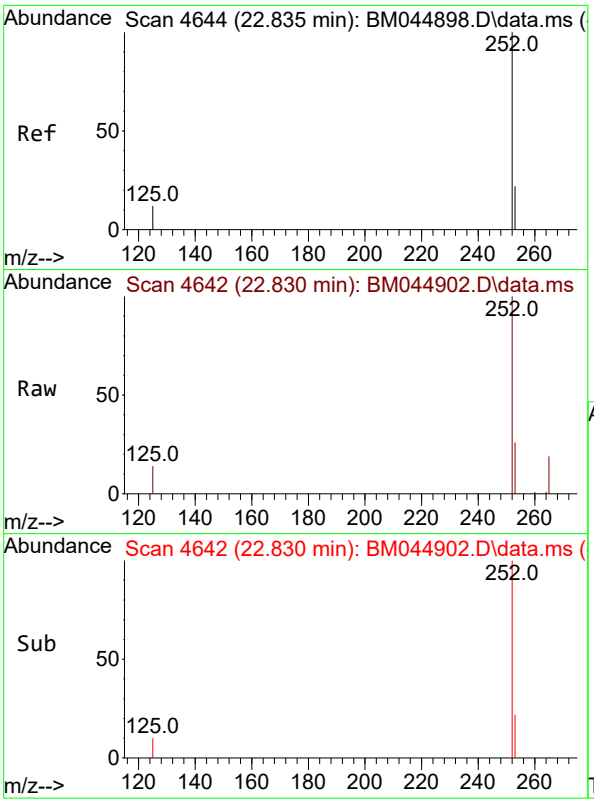


#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.307 min Scan# 4121
Delta R.T. -0.003 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:228 Resp: 16162

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.2	15.9	23.9



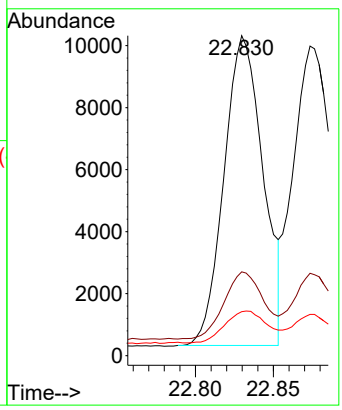


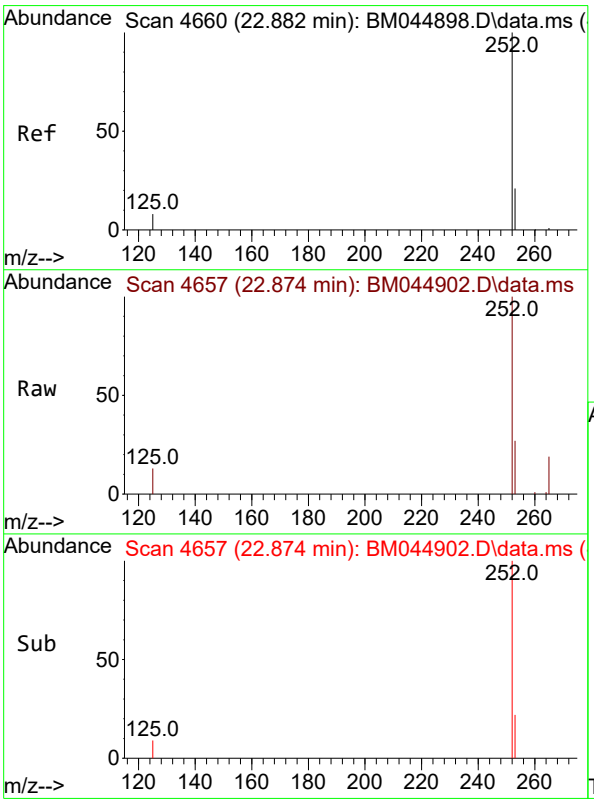
#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.830 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:252 Resp: 17409

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	56.4
125	13.8	0.0	33.4

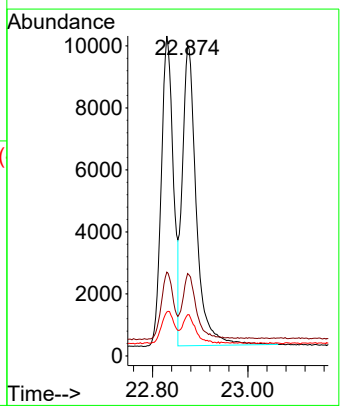


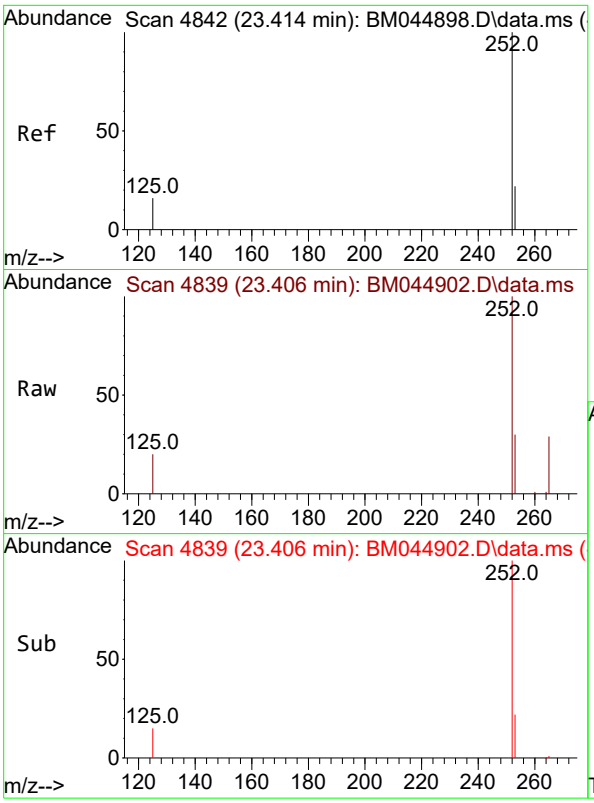


#25
Benzo(k)fluoranthene
Concen: 0.412 ng/ul
RT: 22.874 min Scan# 4657
Delta R.T. -0.009 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:252 Resp: 19743

Ion	Ratio	Lower	Upper
252	100		
253	26.6	22.3	33.5
125	13.3	11.6	17.4



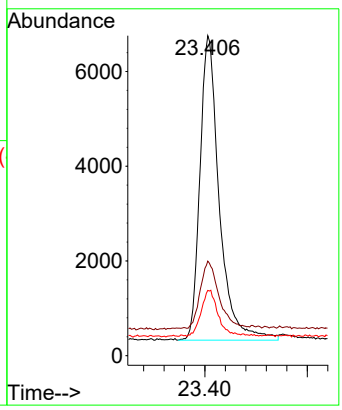


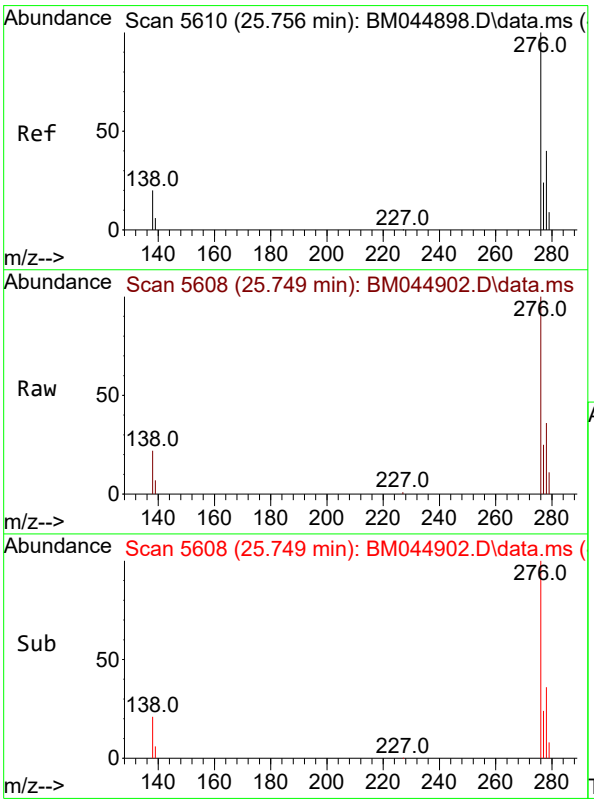
#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.406 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:252 Resp: 16832

Ion	Ratio	Lower	Upper
252	100		
253	29.6	24.6	37.0
125	20.4	18.2	27.4

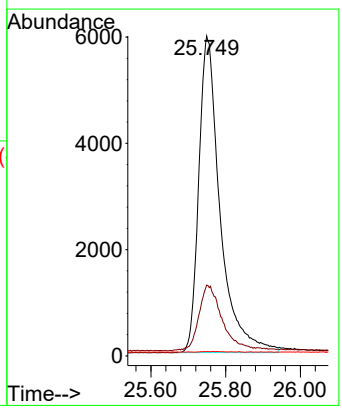


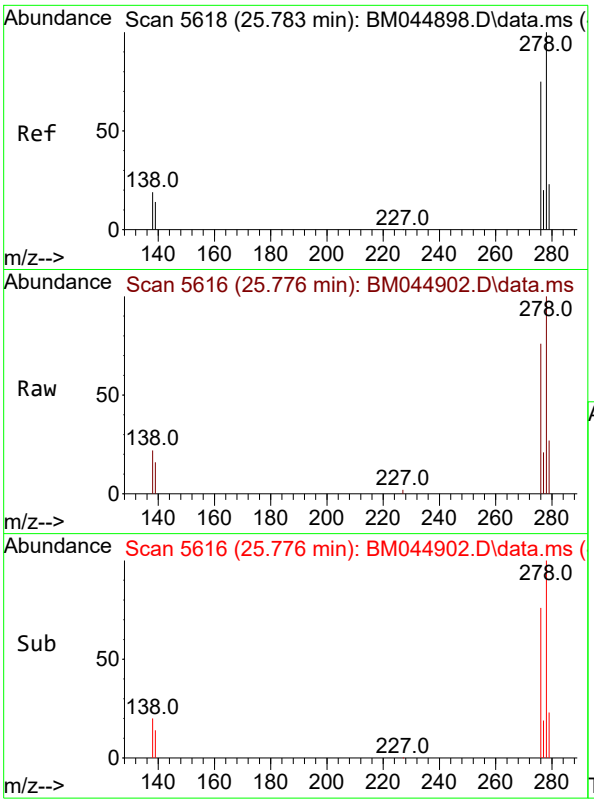


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 25.749 min Scan# 5608
Delta R.T. -0.007 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:276 Resp: 23541

Ion	Ratio	Lower	Upper
276	100		
138	22.0	0.0	0.0#
227	0.2	0.1	0.1#



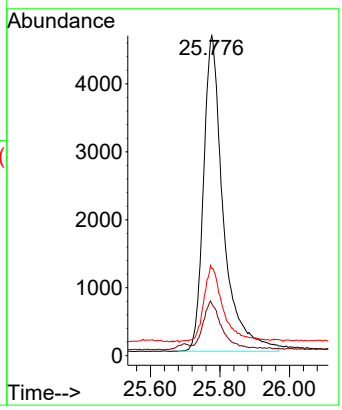


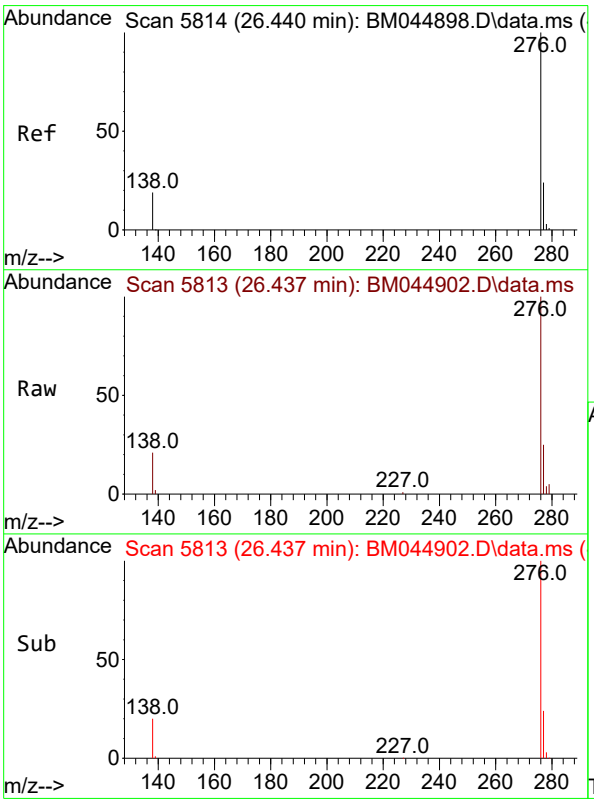
#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 25.776 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Instrument :
BNA_M
ClientSampleId :
SICV028

Tgt Ion:278 Resp: 18352

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.6	20.4
279	27.2	23.0	34.4





#29
Benzo(g,h,i)perylene
Concen: 0.398 ng/ul
RT: 26.437 min Scan# 5813
Delta R.T. -0.003 min
Lab File: BM044902.D
Acq: 03 Apr 2024 21:51

Tgt Ion:276 Resp: 19212

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.8	25.2
277	24.9	20.3	30.5