Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
Data File : BM037152.D
Acq On : 19 Oct 2022 14:45
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV035

Quant Time: Oct 20 02:12:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	4610	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	13998	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	7586	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	16974	0.400	ng/ul	0.00
17) Chrysene-d12	21.456	240	14987	0.400	ng/ul	0.00
23) Perylene-d12	23.838	264	13940	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2258	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	8961	0.450	ng/ul	0.00
18) Fluoranthene-d10	19.303	212	19499	0.430	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.356	88	2211	0.379	ng/ul	99
5) Naphthalene	10.759	128	18306	0.442	ng/ul	100
7) 2-Methylnaphthalene	12.371	142	11621	0.468	ng/ul	99
8) 1-Methylnaphthalene	12.591	142	11301	0.446	ng/ul	99
10) Acenaphthylene	14.260	152	15326	0.470	ng/ul	99
11) Acenaphthene	14.598	153	12767	0.434	ng/ul	99
12) Fluorene	15.584	166	14654	0.425	ng/ul	99
14) Pentachlorophenol	16.933	266	1862	0.453	ng/ul	100
15) Phenanthrene	17.322	178	24538	0.428	ng/ul	99
16) Anthracene	17.415	178	19729	0.435	ng/ul	99
19) Fluoranthene	19.331	202	29444	0.452	ng/ul	99
20) Pyrene	19.693	202	29235	0.443	ng/ul	98
21) Benzo(a)anthracene	21.438	228	25062	0.431	ng/ul	99
22) Chrysene	21.491	228	27791	0.415	ng/ul	99
24) Benzo(b)fluoranthene	23.107	252	31556	0.427	ng/ul	99
25) Benzo(k)fluoranthene	23.157	252	29043	0.407	ng/ul	98
26) Benzo(a)pyrene	23.730	252	28134	0.475	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.296	276	33912	0.410	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.313	278	27999	0.428	ng/ul	98
29) Benzo(g,h,i)perylene	27.051	276	29589	0.406	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
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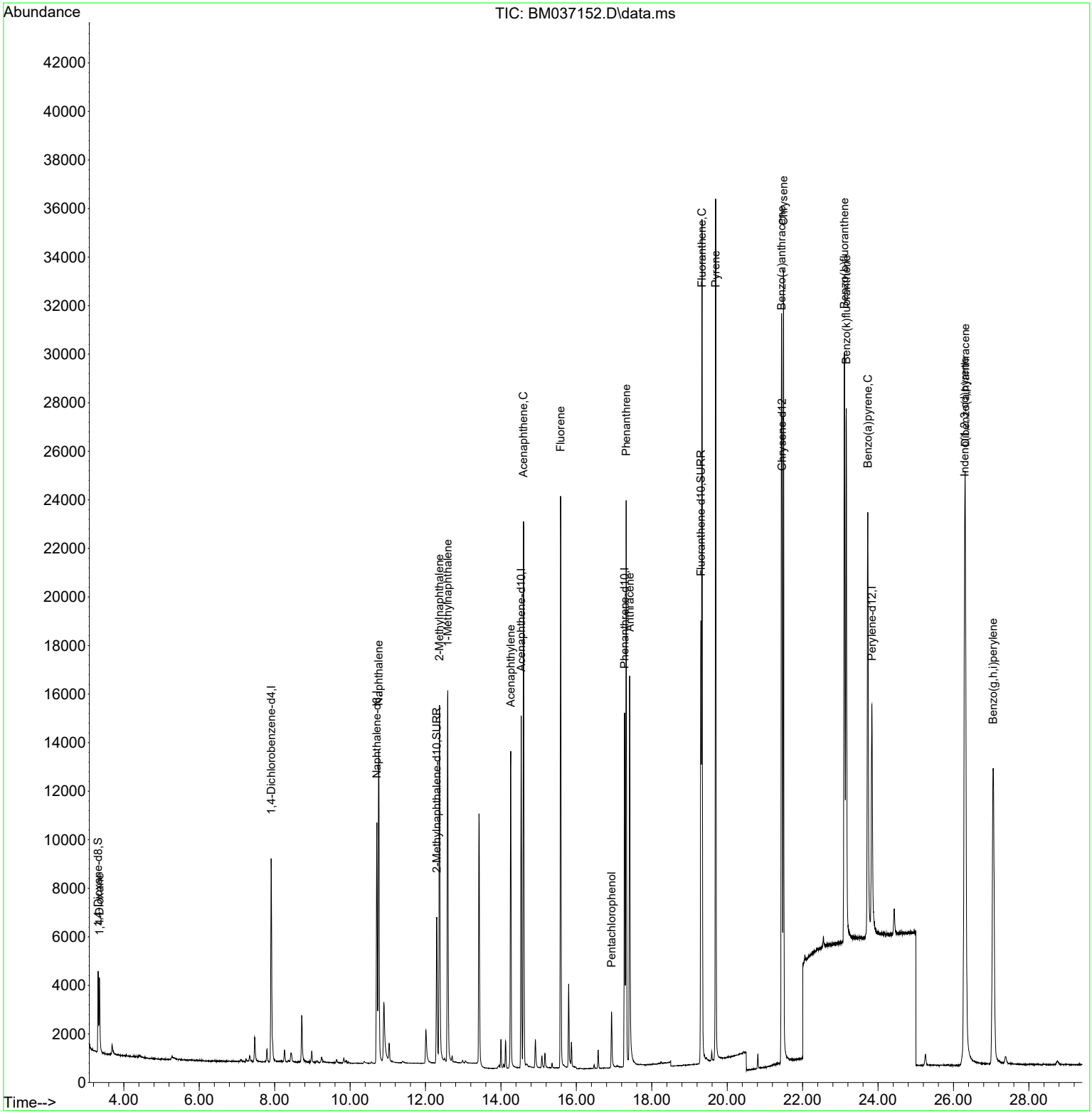
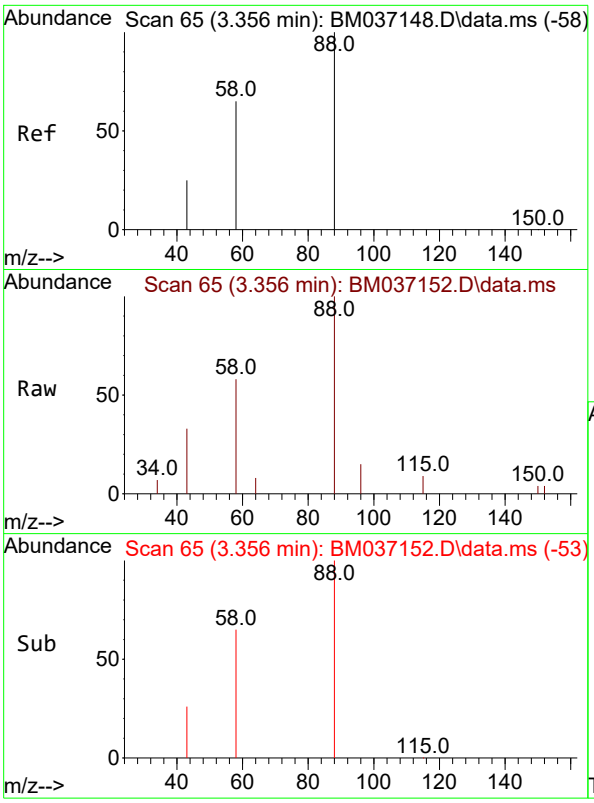


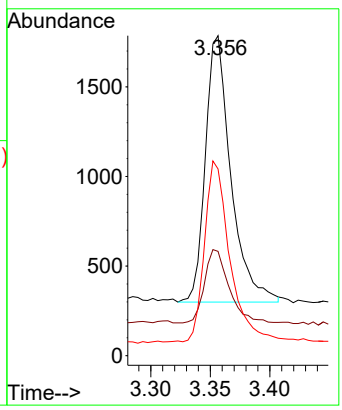


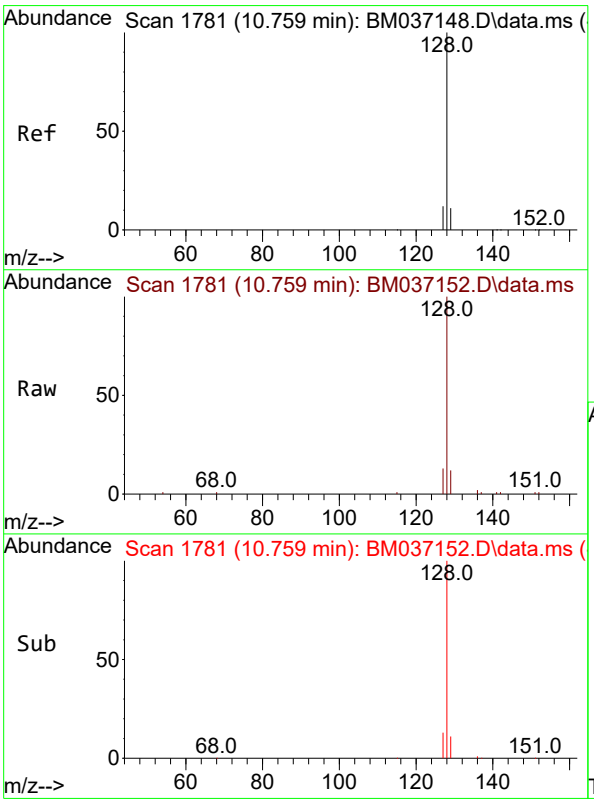
#2
1,4-Dioxane
Concen: 0.379 ng/ul
RT: 3.356 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion: 88 Resp: 2211

Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.5	38.3
58	58.3	45.8	68.6

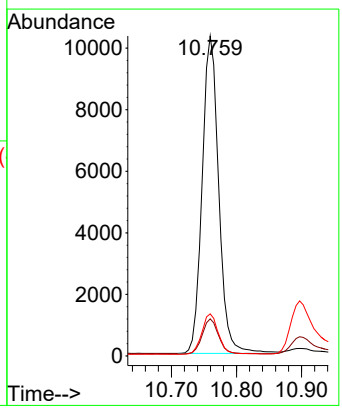


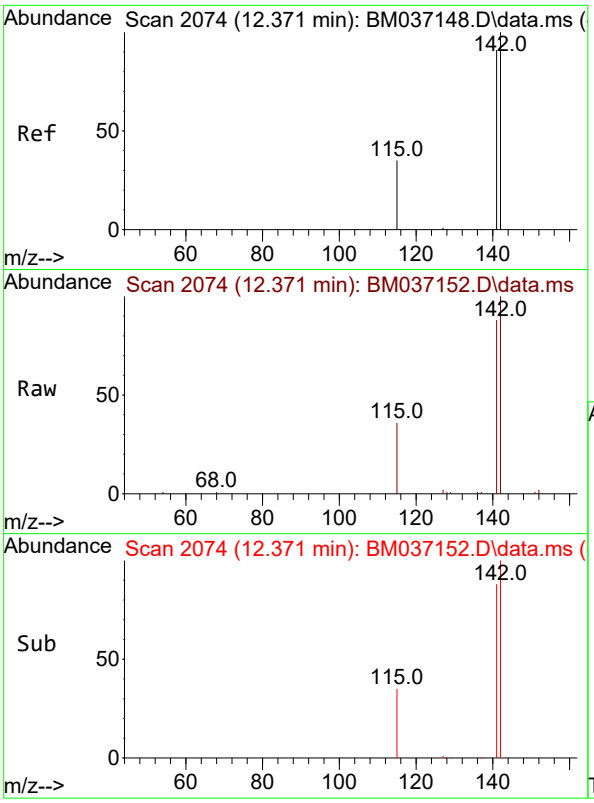


#5
Naphthalene
Concen: 0.442 ng/ul
RT: 10.759 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:128 Resp: 18306

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.1	10.5	15.7



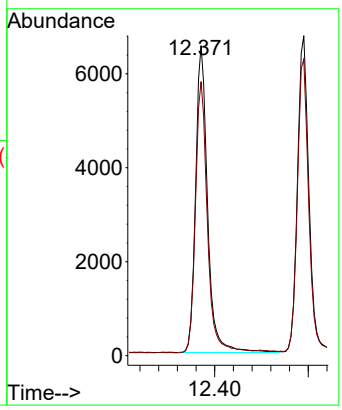


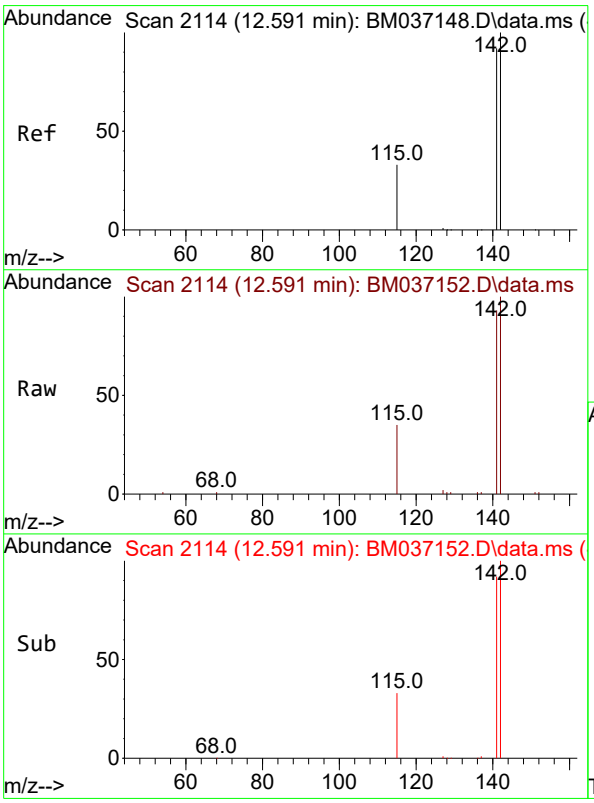
#7
2-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.371 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:142 Resp: 11621

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.8	109.2

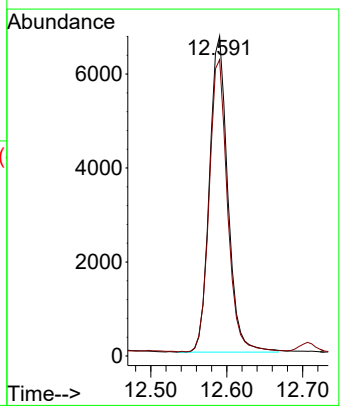


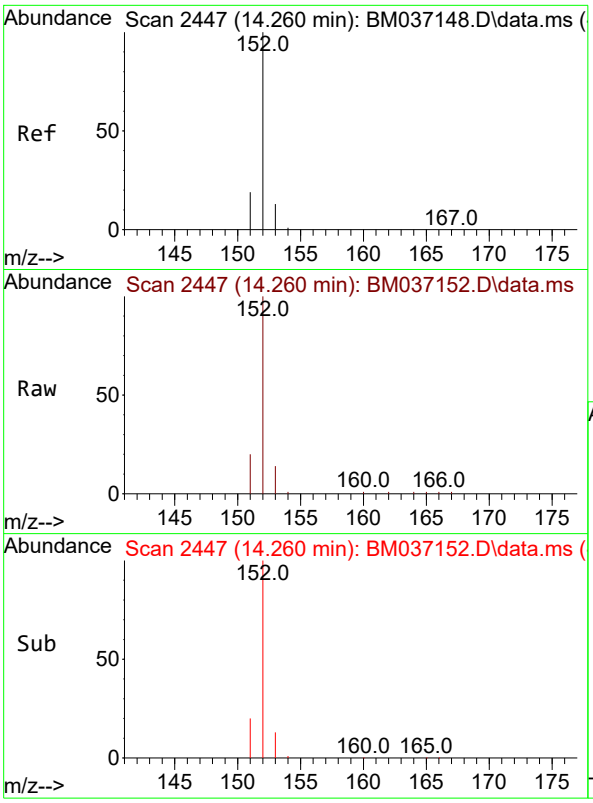


#8
1-Methylnaphthalene
Concen: 0.446 ng/ul
RT: 12.591 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:142 Resp: 11301

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4



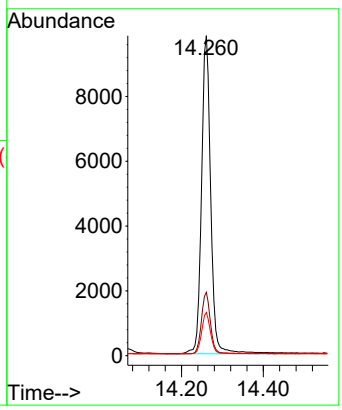


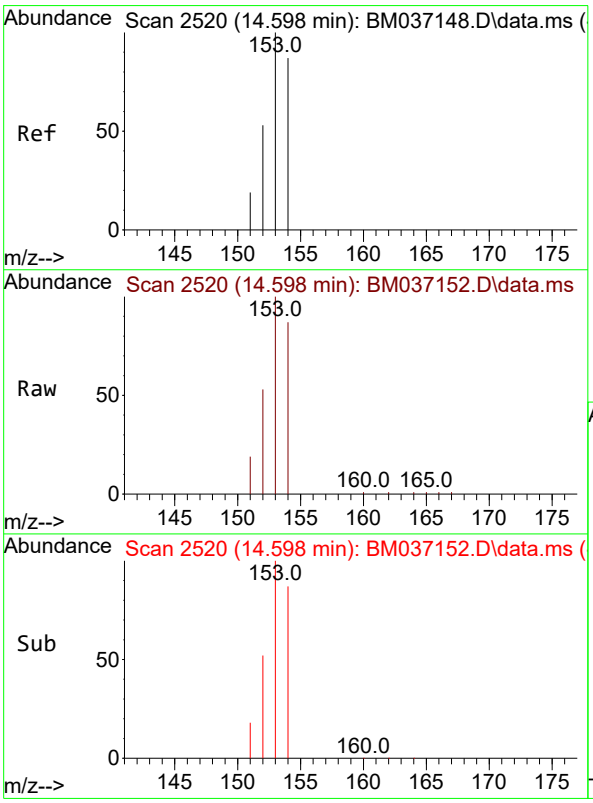
#10
Acenaphthylene
Concen: 0.470 ng/ul
RT: 14.260 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:152 Resp: 15326

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.5	10.8	16.2

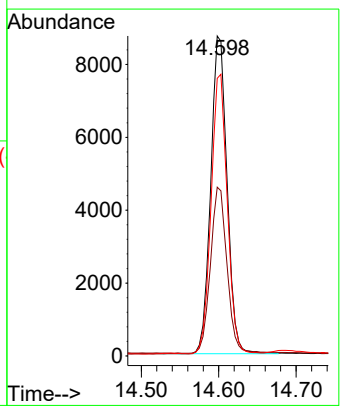


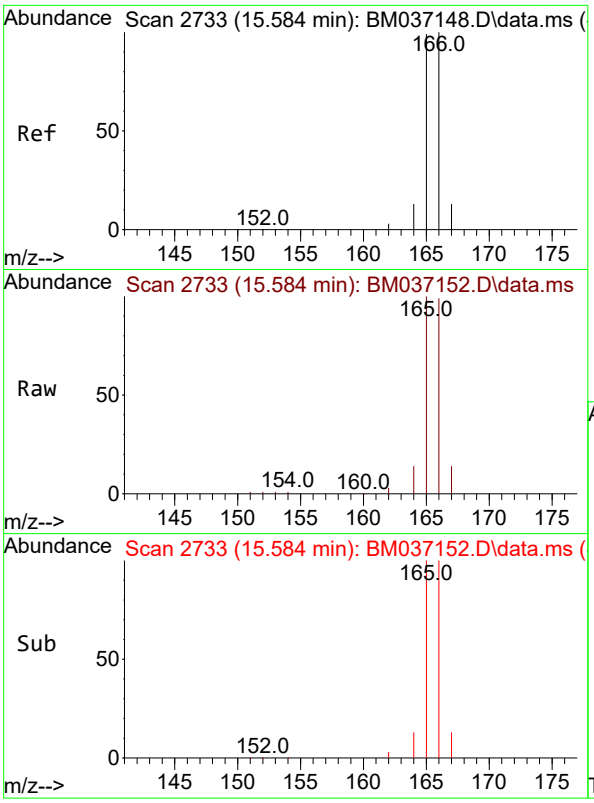


#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.598 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:153 Resp: 12767

Ion	Ratio	Lower	Upper
153	100		
152	52.8	43.3	64.9
154	86.7	70.0	105.0



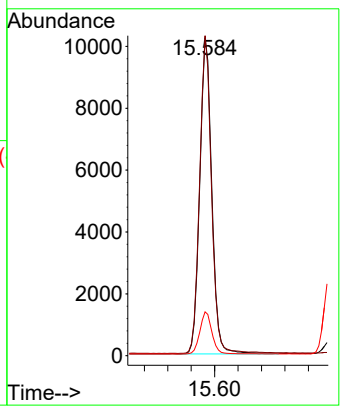


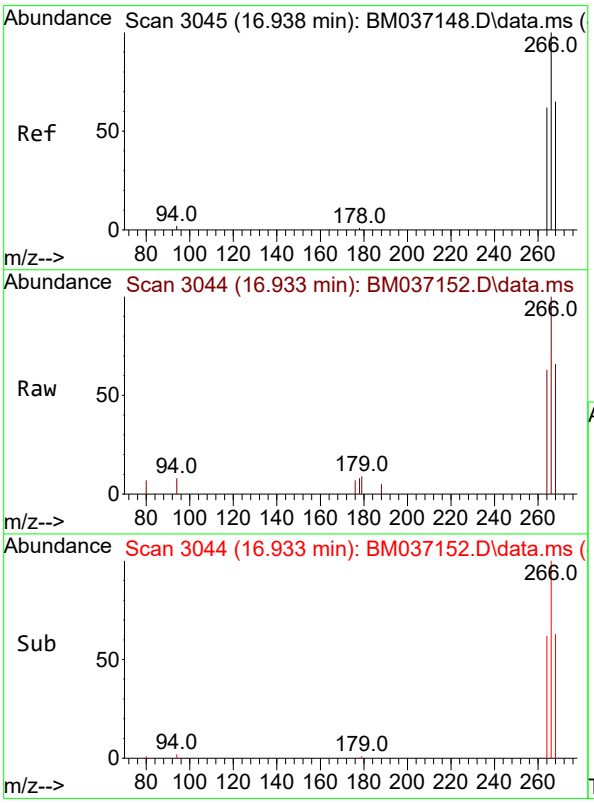
#12
Fluorene
Concen: 0.425 ng/ul
RT: 15.584 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:166 Resp: 14654

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.4	119.2
167	13.8	11.3	16.9

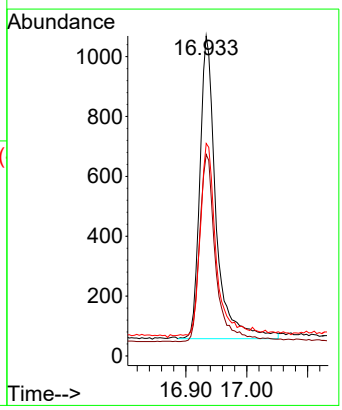


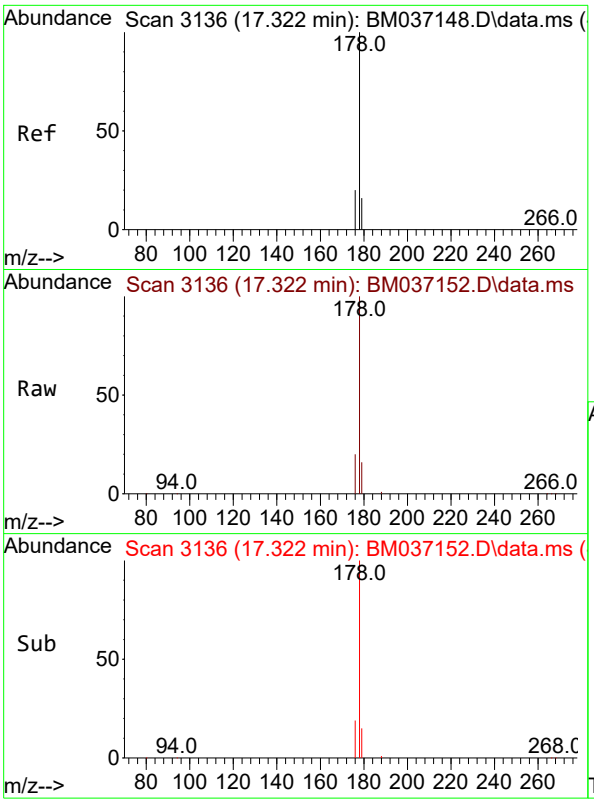


#14
Pentachlorophenol
Concen: 0.453 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:266 Resp: 1862

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.4	74.0
268	63.0	50.5	75.7



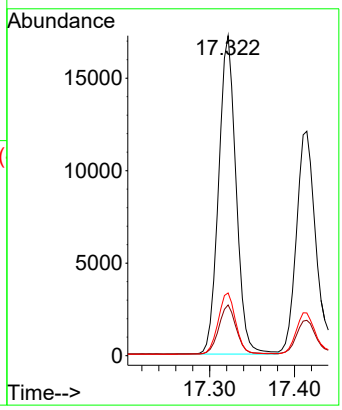


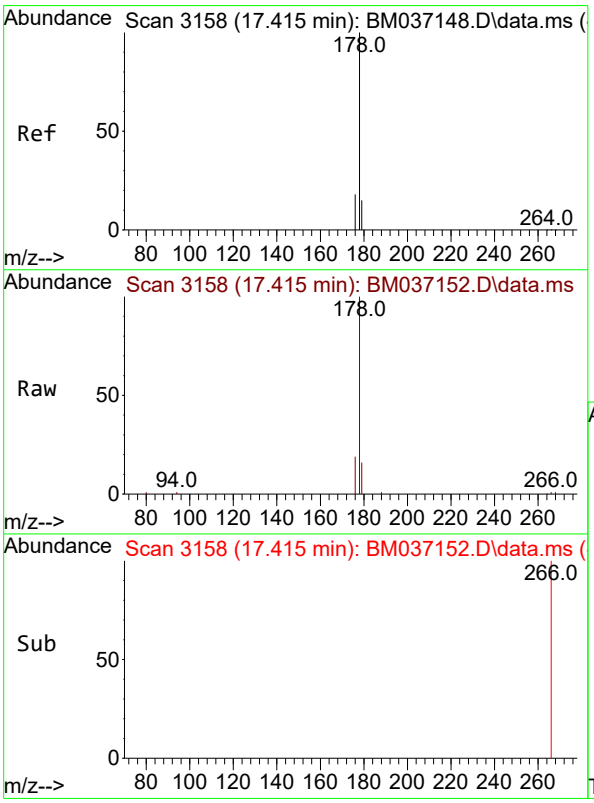
#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.322 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:178 Resp: 24538

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	19.6	16.1	24.1

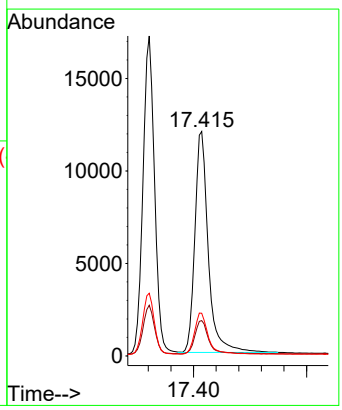


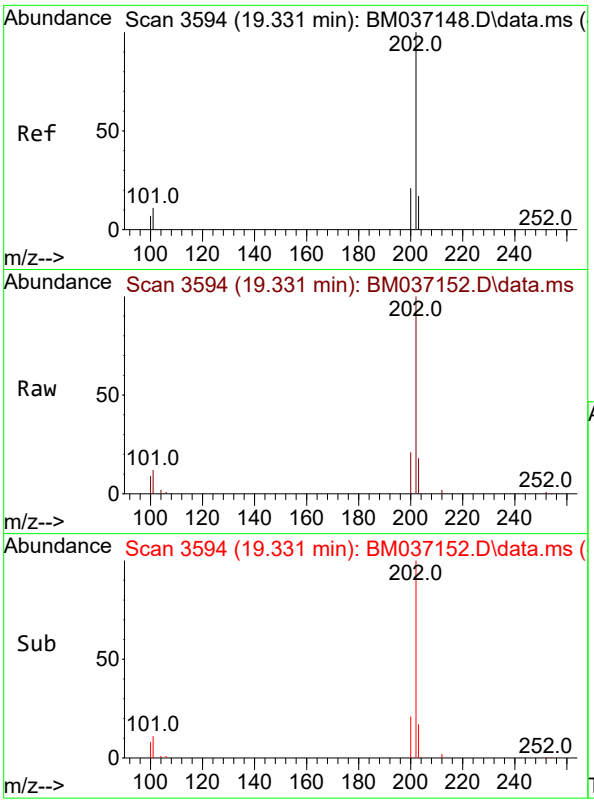


#16
Anthracene
Concen: 0.435 ng/ul
RT: 17.415 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:178 Resp: 19729

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.0	15.3	22.9



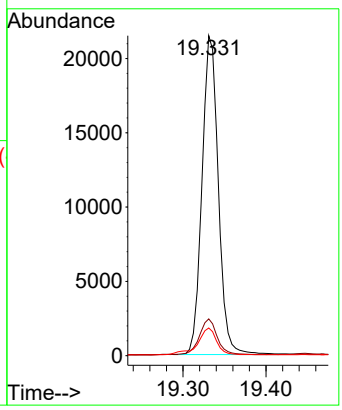


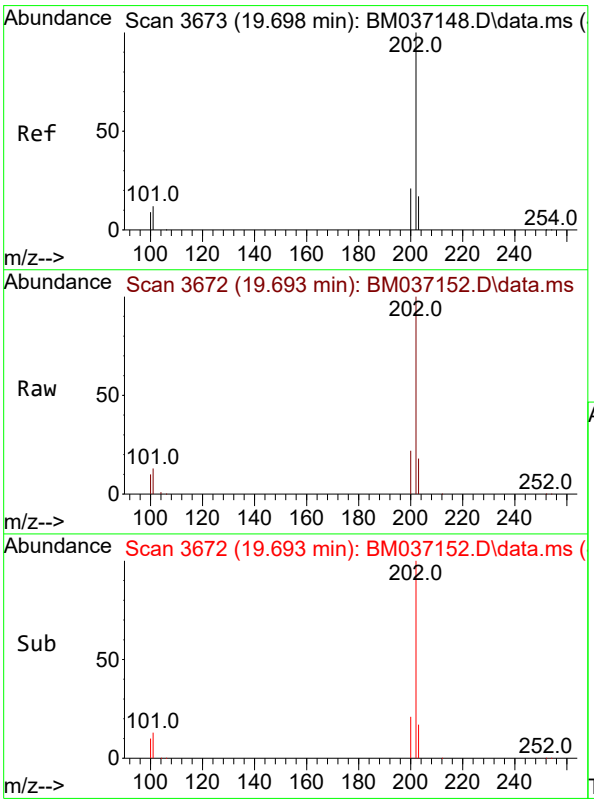
#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.331 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:202 Resp: 29444

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	8.7	6.9	10.3

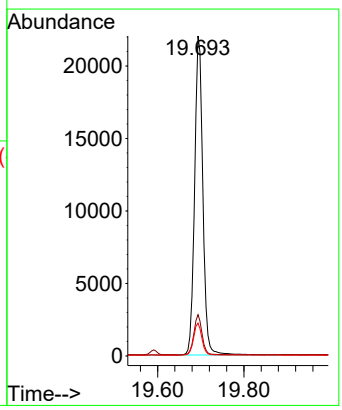


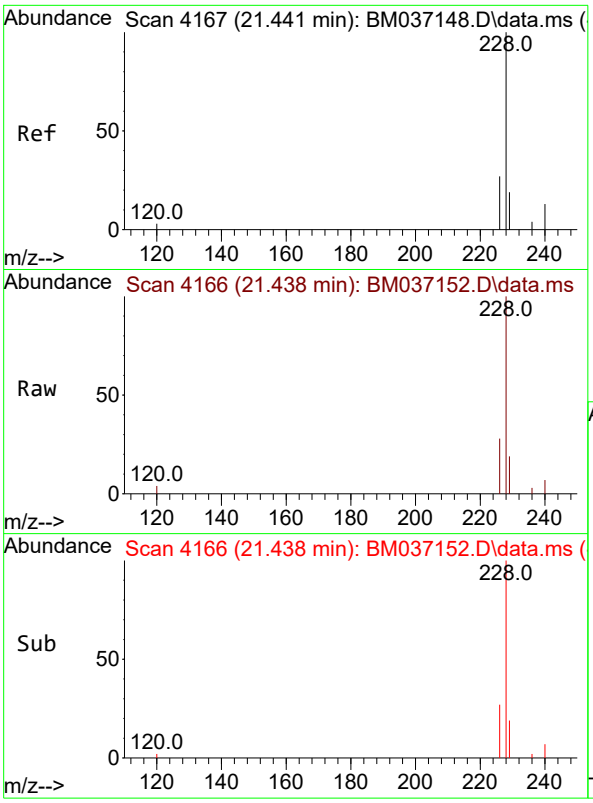


#20
Pyrene
Concen: 0.443 ng/ul
RT: 19.693 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:202 Resp: 29235

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
100	10.3	7.8	11.8





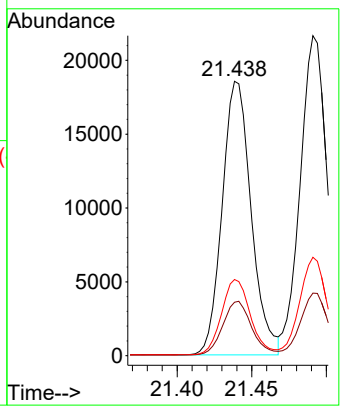
#21
Benzo(a)anthracene
Concen: 0.431 ng/ul
RT: 21.438 min Scan# 4

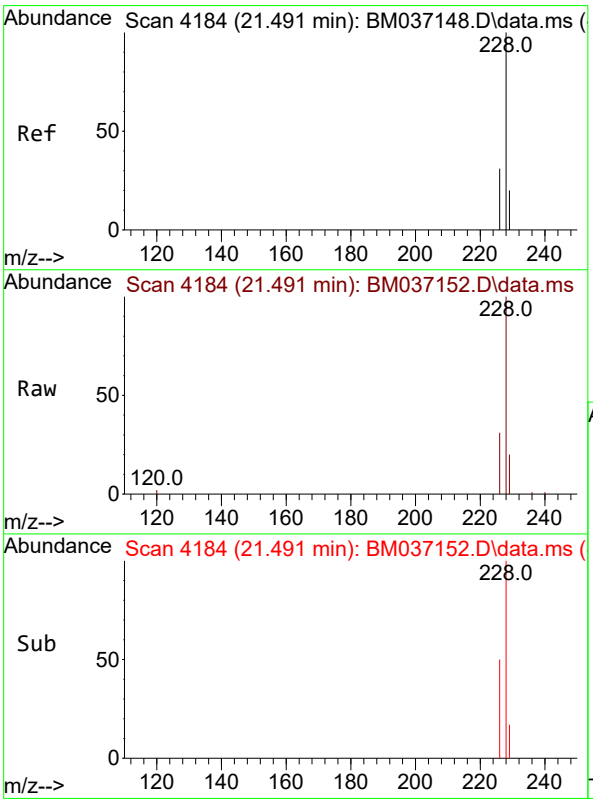
Instrument :
BNA_M
ClientSampleId :
SICV035

Delta R.T. -0.003 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:228 Resp: 25062

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.6
226	27.7	21.8	32.8

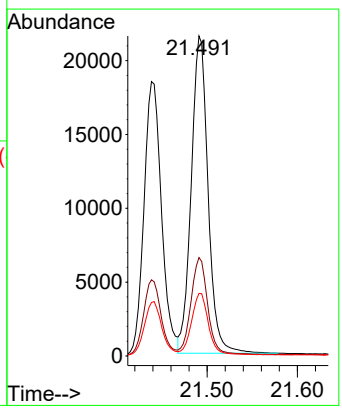


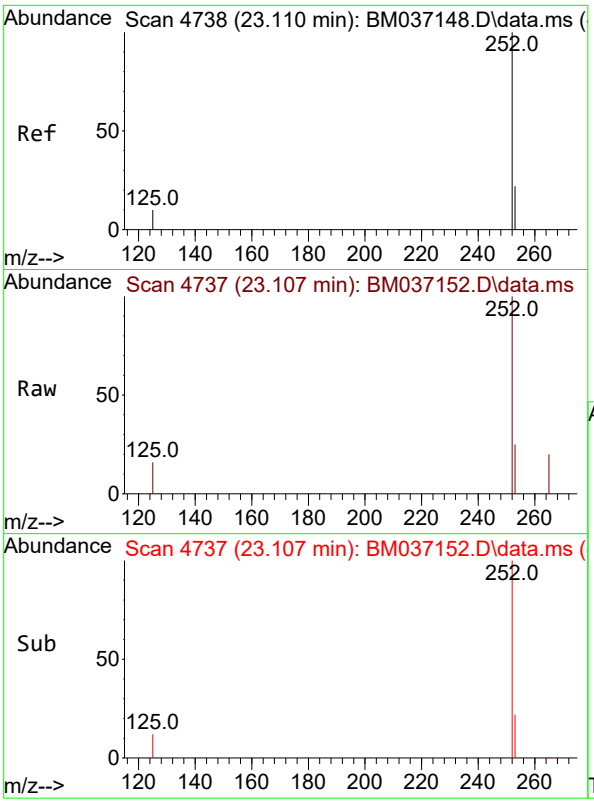


#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.491 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:228 Resp: 27791

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	19.5	16.0	24.0



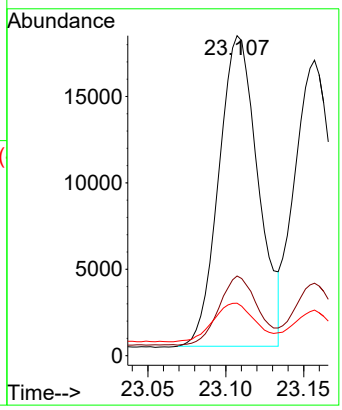


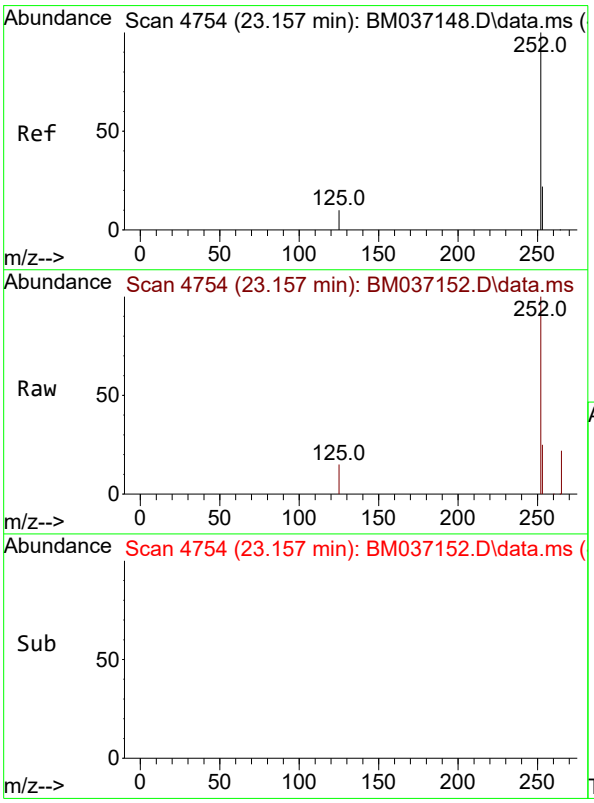
#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul
RT: 23.107 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:252 Resp: 31556

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	50.6
125	16.4	0.0	32.6

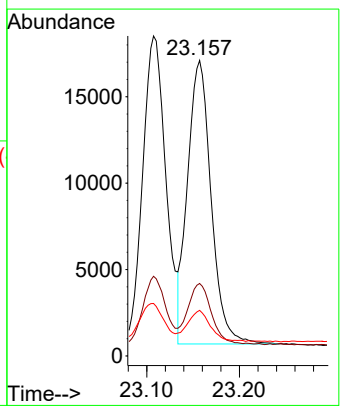


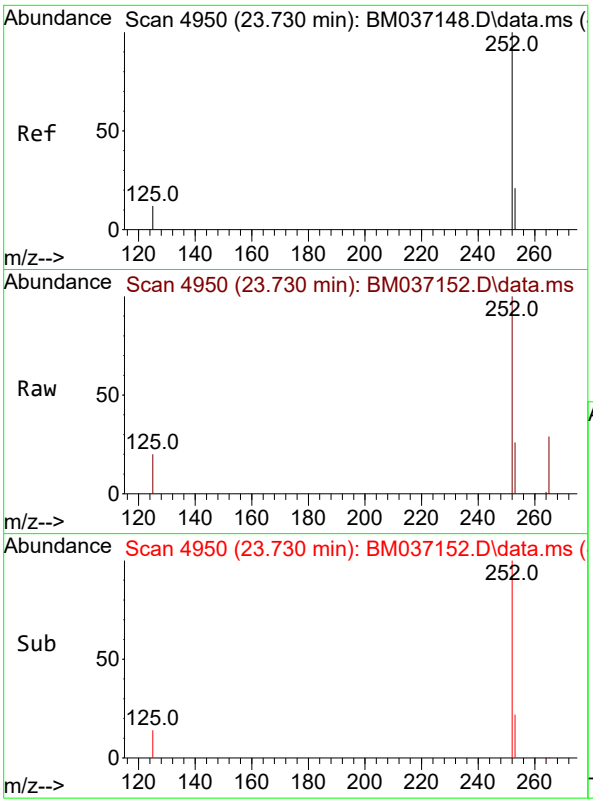


#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:252 Resp: 29043

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	30.8
125	15.4	13.3	19.9



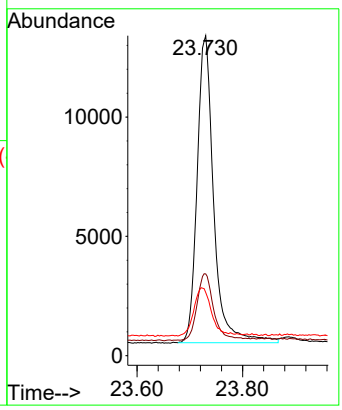


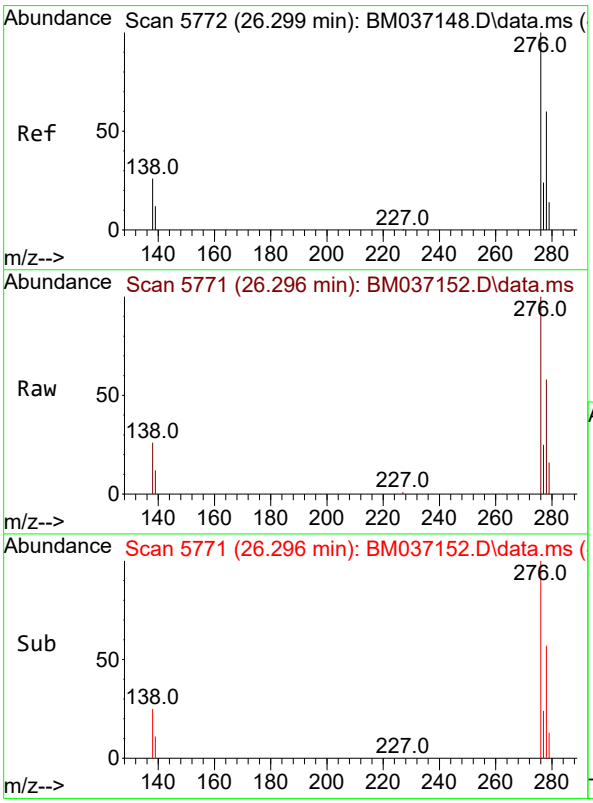
#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.730 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:252 Resp: 28134

Ion	Ratio	Lower	Upper
252	100		
253	25.6	22.1	33.1
125	19.7	17.6	26.4

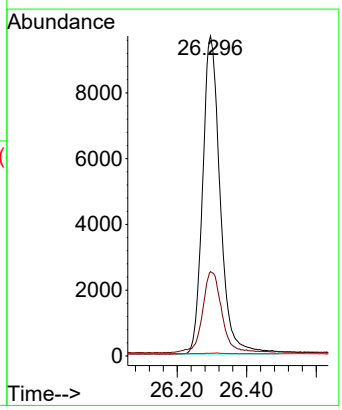


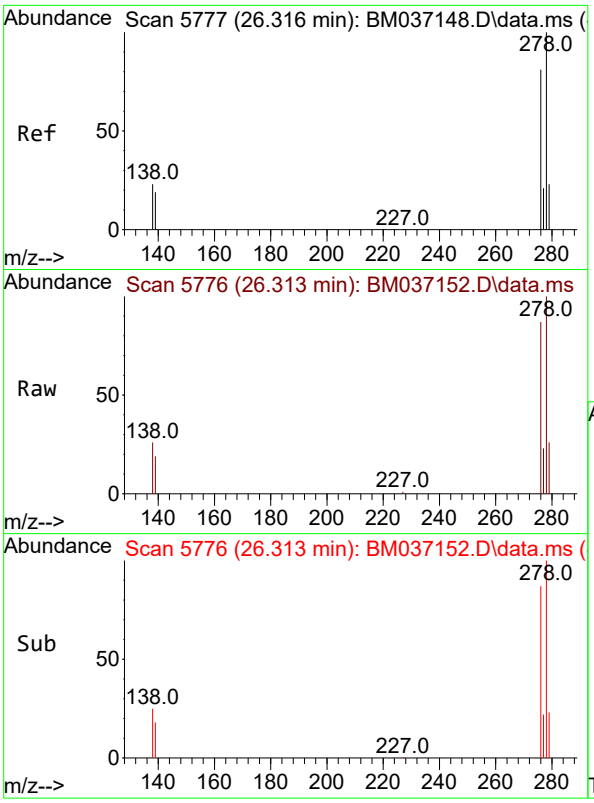


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.296 min Scan# 5771
Delta R.T. -0.003 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:276 Resp: 33912

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.4	32.0
227	0.1	0.1	0.1#



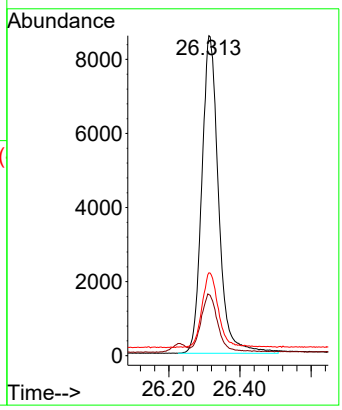


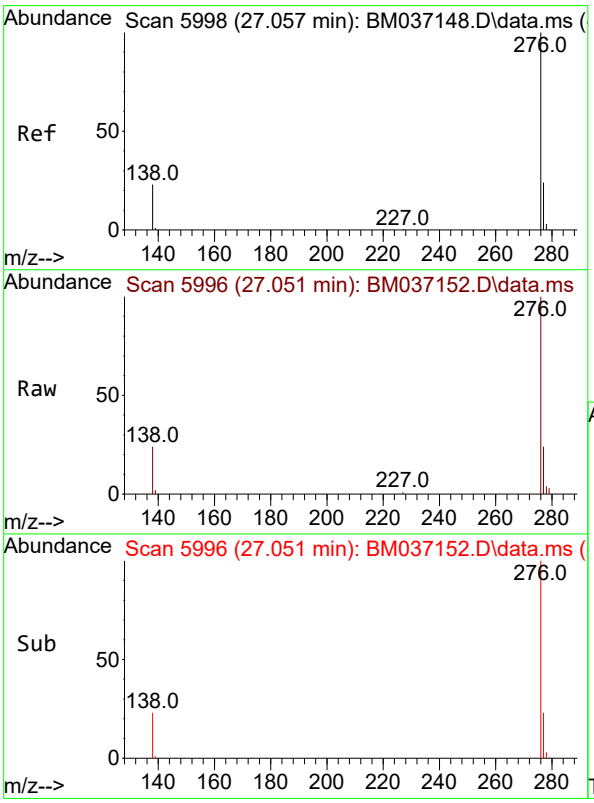
#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.313 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Instrument :
BNA_M
ClientSampleId :
SICV035

Tgt Ion:278 Resp: 27999

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.3	24.5
279	25.9	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.051 min Scan# 5996
Delta R.T. -0.007 min
Lab File: BM037152.D
Acq: 19 Oct 2022 14:45

Tgt Ion:276 Resp: 29589

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.8	29.8
277	24.1	20.1	30.1