Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
Data File : BM037150.D
Acq On : 19 Oct 2022 13:34
Operator : CG/JU
Sample : SSTD1.677
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Quant Time: Oct 20 02:00:51 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 01:35:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	4062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	12008	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	6692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	14309	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	12910	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	10832	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	7376	1.288	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	27520	1.518	ng/ul	0.00
18) Fluoranthene-d10	19.303	212	60333	1.563	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	7696	1.374	ng/ul	91
5) Naphthalene	10.759	128	54992	1.602	ng/ul	99
7) 2-Methylnaphthalene	12.371	142	34818	1.658	ng/ul	98
8) 1-Methylnaphthalene	12.585	142	35324	1.656	ng/ul	99
10) Acenaphthylene	14.260	152	44481	1.599	ng/ul	99
11) Acenaphthene	14.598	153	39595	1.640	ng/ul	99
12) Fluorene	15.583	166	46944	1.716	ng/ul	100
14) Pentachlorophenol	16.933	266	5556	1.604	ng/ul	98
15) Phenanthrene	17.322	178	74913	1.640	ng/ul	98
16) Anthracene	17.410	178	63597	1.666	ng/ul	99
19) Fluoranthene	19.331	202	88177	1.717	ng/ul	99
20) Pyrene	19.693	202	86662	1.618	ng/ul	99
21) Benzo(a)anthracene	21.438	228	79026	1.694	ng/ul	100
22) Chrysene	21.491	228	85180	1.701	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	89192	1.843	ng/ul	93
25) Benzo(k)fluoranthene	23.154	252	86028	1.824	ng/ul#	92
26) Benzo(a)pyrene	23.727	252	70611	1.798	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.296	276	100057	1.799	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.316	278	80115	1.783	ng/ul	95
29) Benzo(g,h,i)perylene	27.057	276	85936	1.753	ng/ul	97

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

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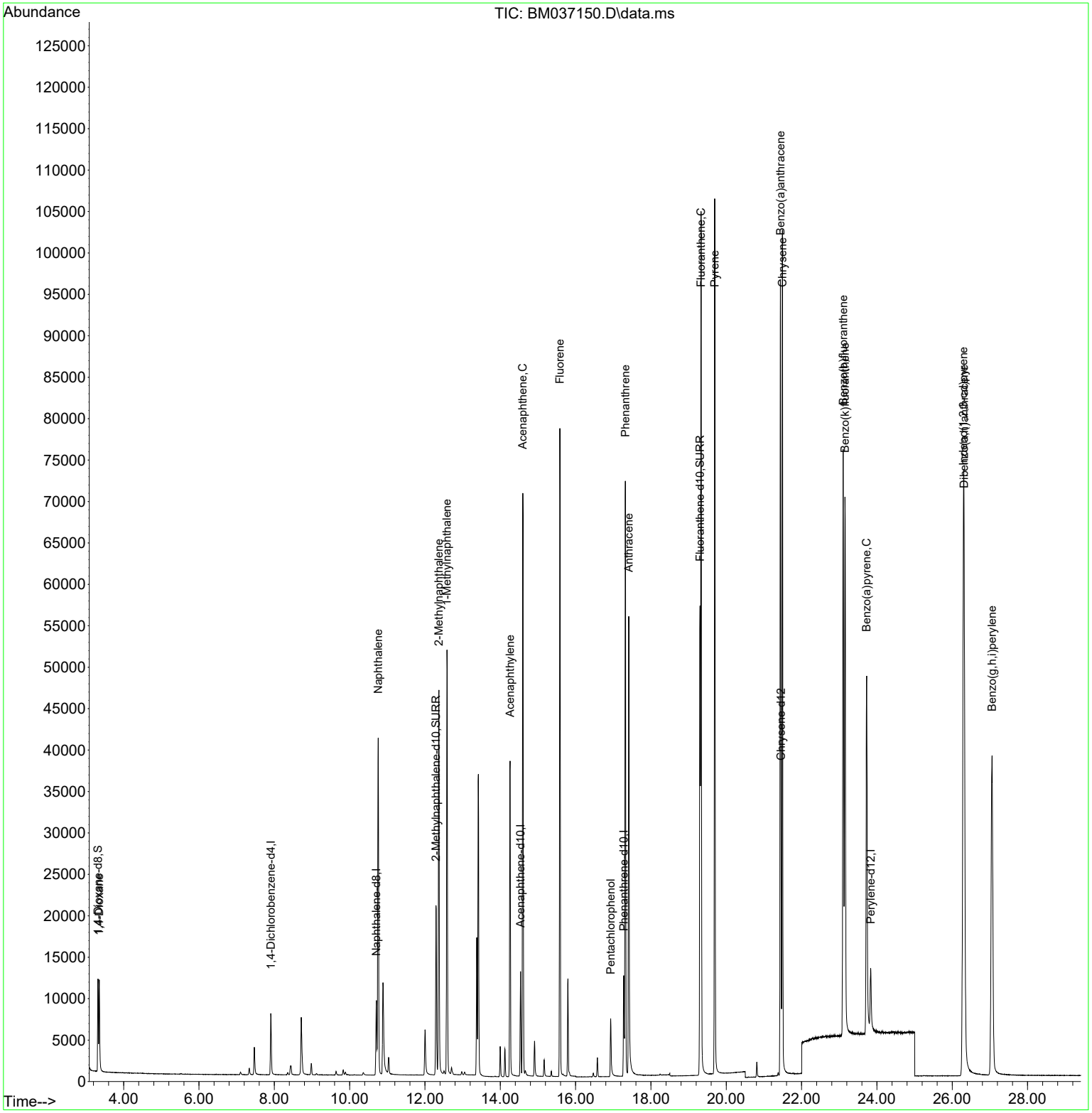
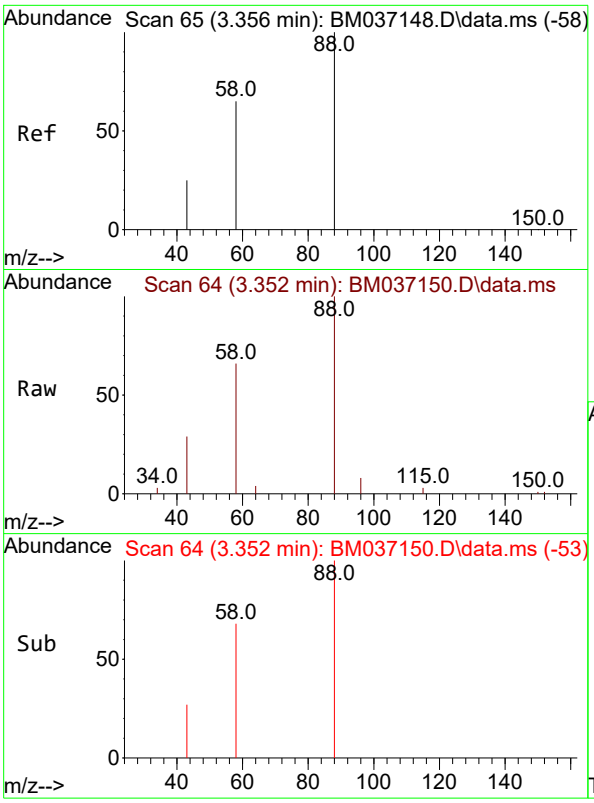


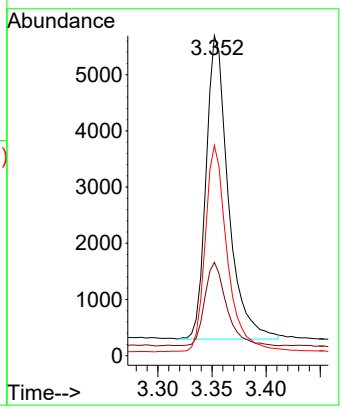


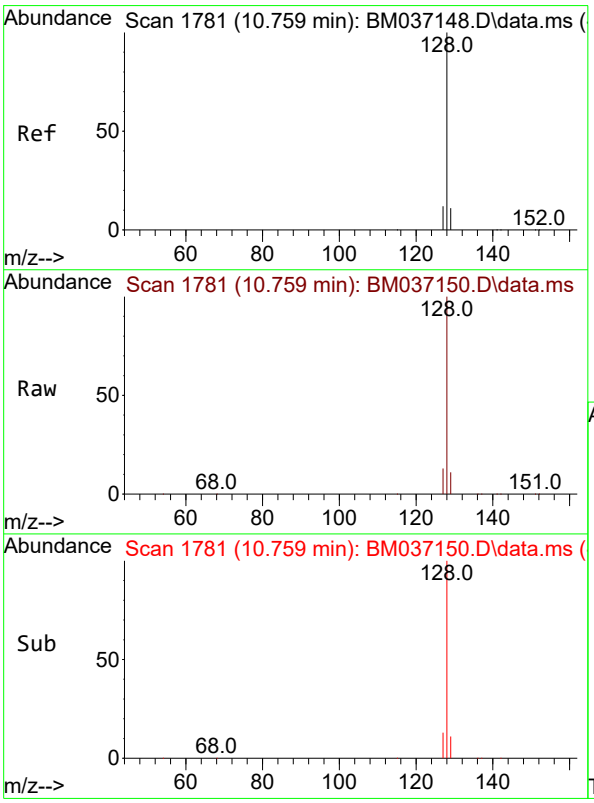
#2
1,4-Dioxane
Concen: 1.374 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion: 88 Resp: 7696

Ion	Ratio	Lower	Upper
88	100		
43	29.2	25.5	38.3
58	65.7	45.8	68.6

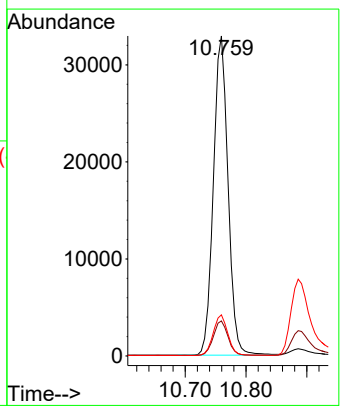


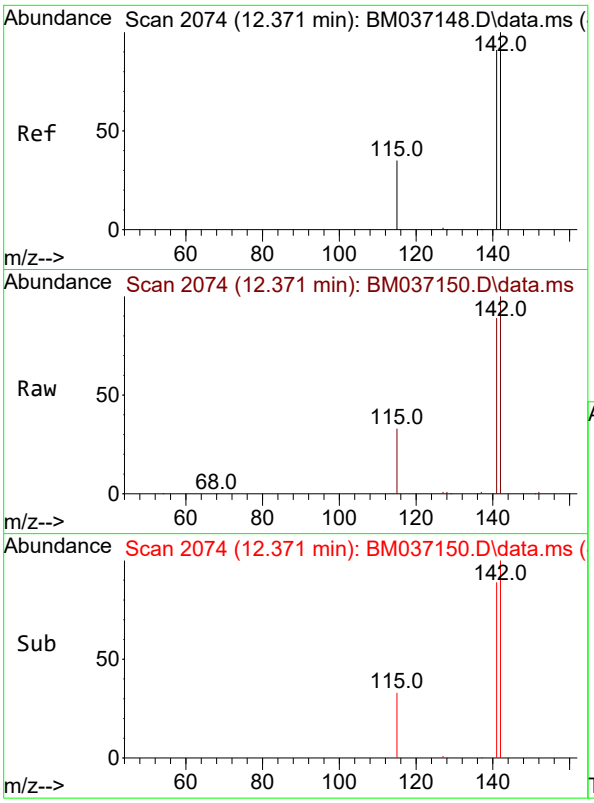


#5
Naphthalene
Concen: 1.602 ng/ul
RT: 10.759 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:128 Resp: 54992

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.8	10.5	15.7



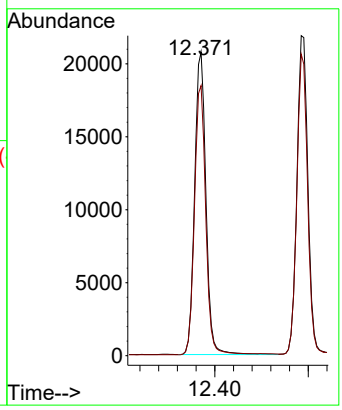


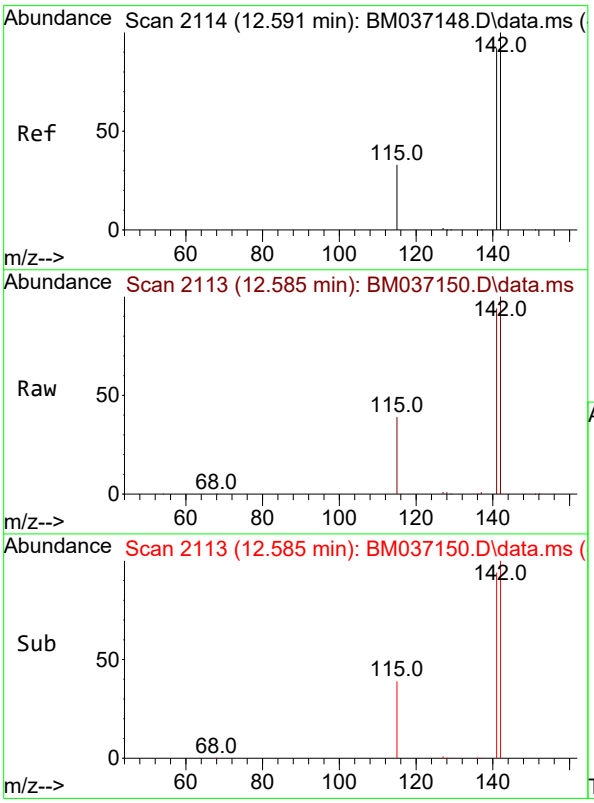
#7
2-Methylnaphthalene
Concen: 1.658 ng/ul
RT: 12.371 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:142 Resp: 34818

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.8	109.2

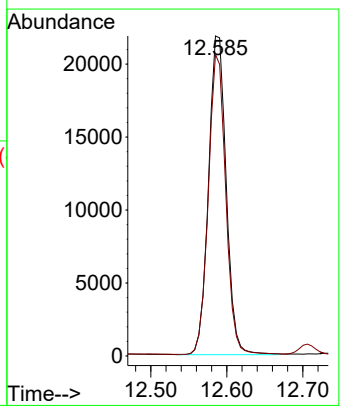


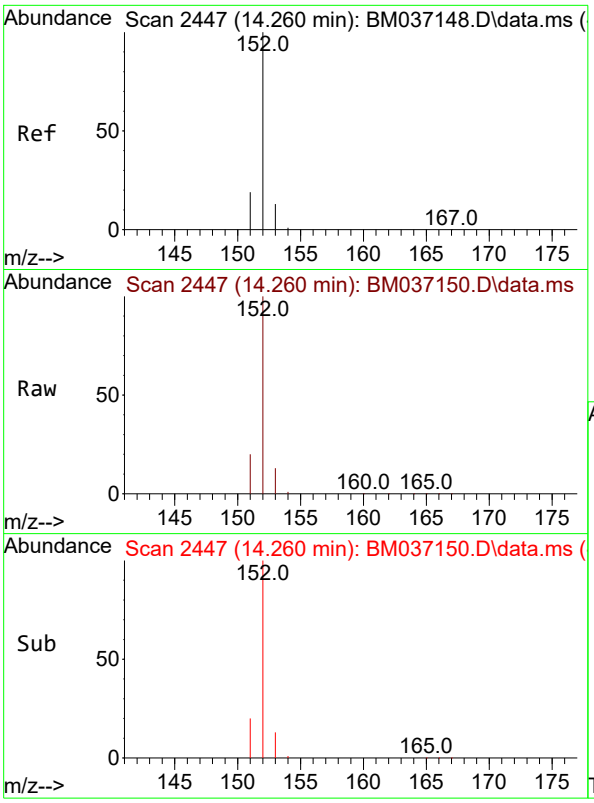


#8
1-Methylnaphthalene
Concen: 1.656 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:142 Resp: 35324

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4



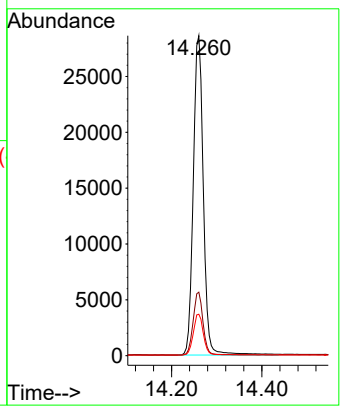


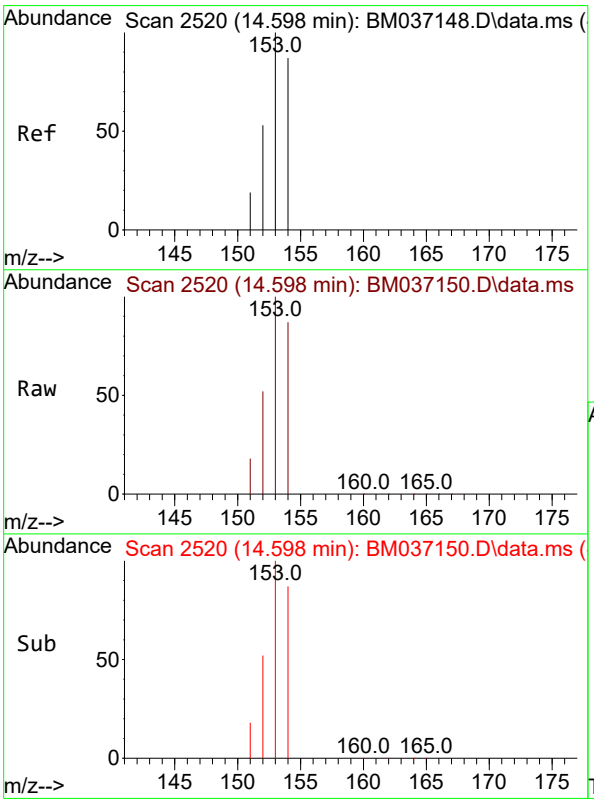
#10
Acenaphthylene
Concen: 1.599 ng/ul
RT: 14.260 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:152 Resp: 44481

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.0	10.8	16.2

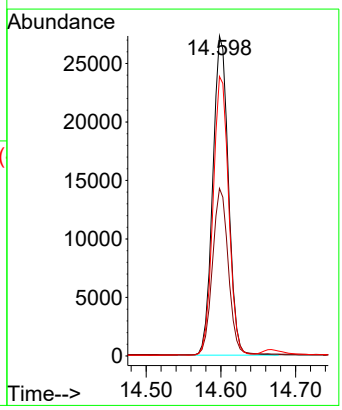


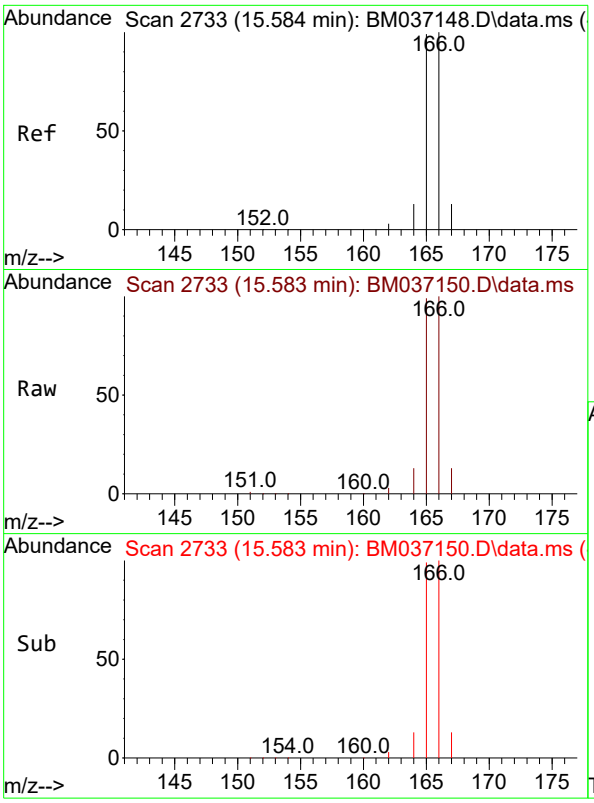


#11
Acenaphthene
Concen: 1.640 ng/ul
RT: 14.598 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:153 Resp: 39595

Ion	Ratio	Lower	Upper
153	100		
152	52.4	43.3	64.9
154	87.3	70.0	105.0



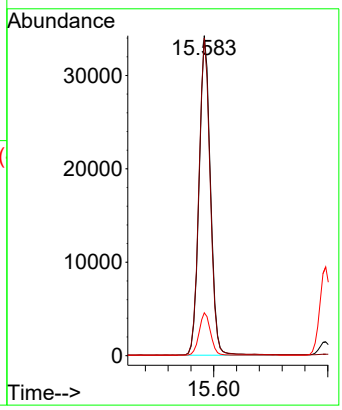


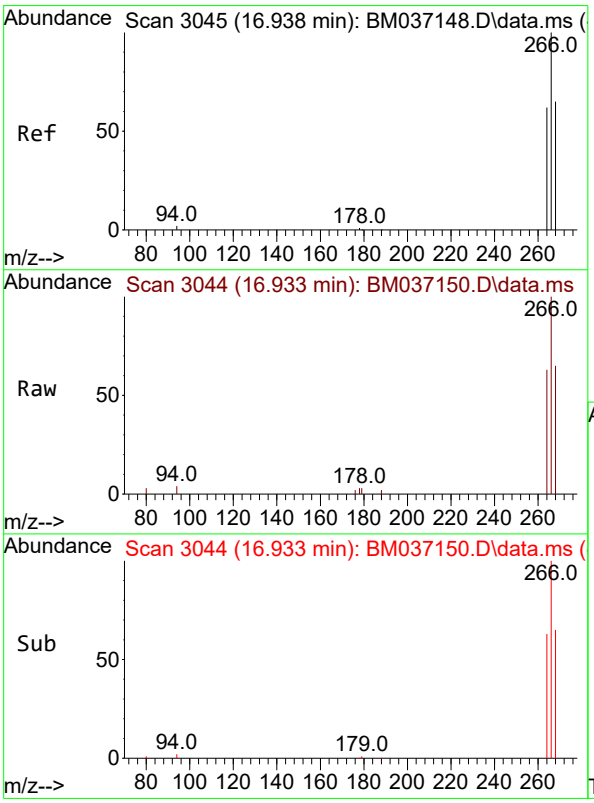
#12
Fluorene
Concen: 1.716 ng/ul
RT: 15.583 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:166 Resp: 46944

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.2
167	13.4	11.3	16.9

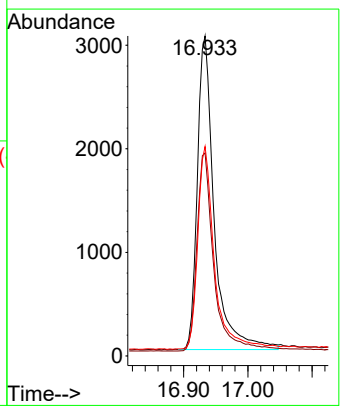


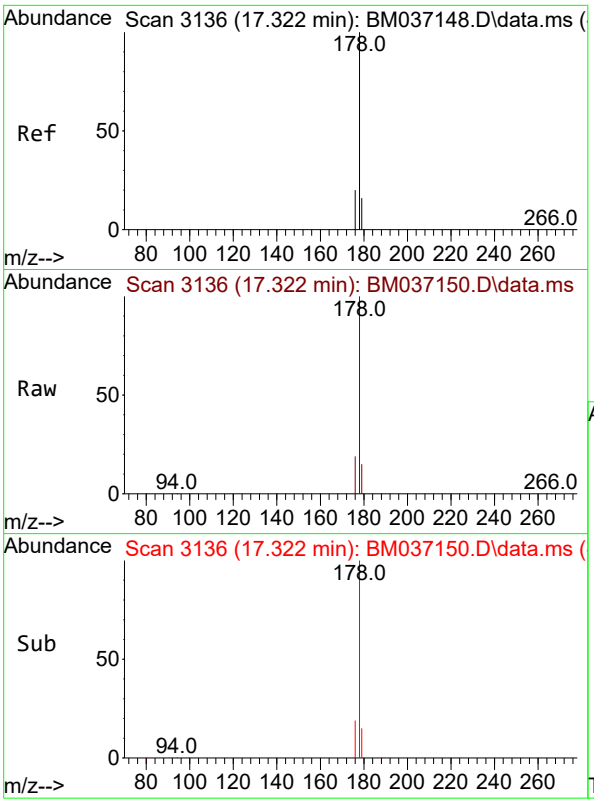


#14
Pentachlorophenol
Concen: 1.604 ng/ul
RT: 16.933 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:266 Resp: 5556

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.4	74.0
268	64.7	50.5	75.7



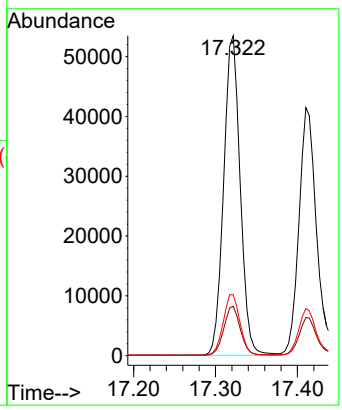


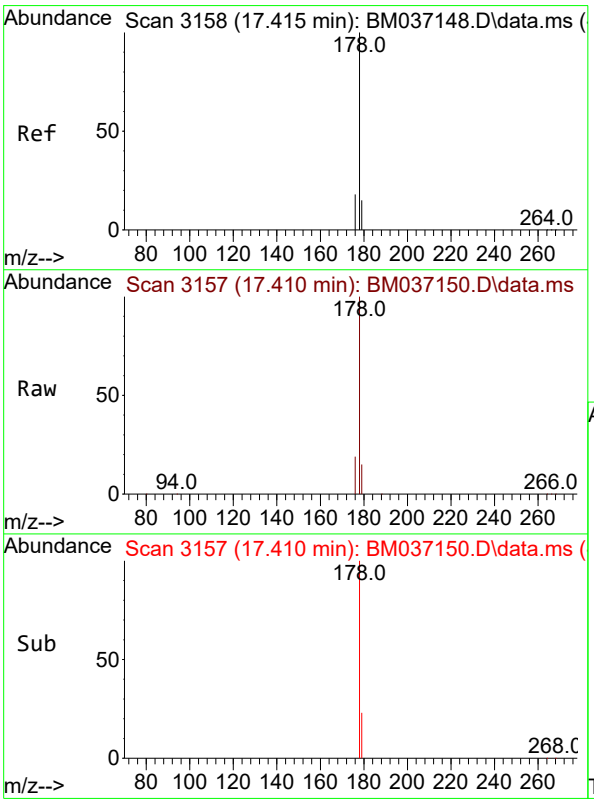
#15
Phenanthrene
Concen: 1.640 ng/ul
RT: 17.322 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:178 Resp: 74913

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.1	16.1	24.1

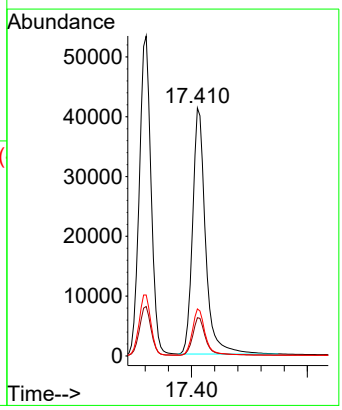


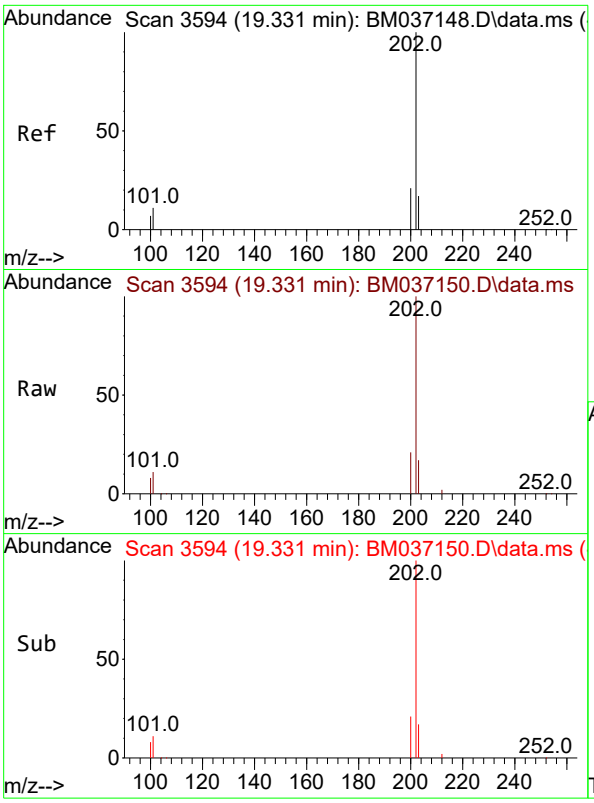


#16
Anthracene
Concen: 1.666 ng/ul
RT: 17.410 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:178 Resp: 63597

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	19.0	15.3	22.9



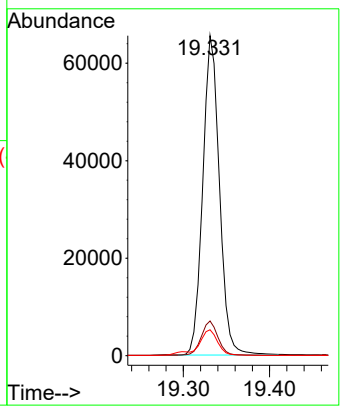


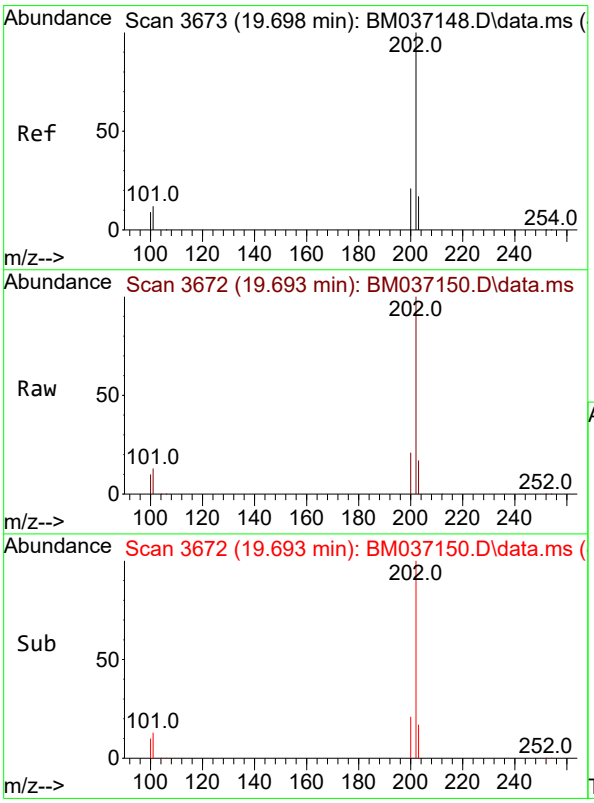
#19
Fluoranthene
Concen: 1.717 ng/ul
RT: 19.331 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:202 Resp: 88177

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	8.1	6.9	10.3

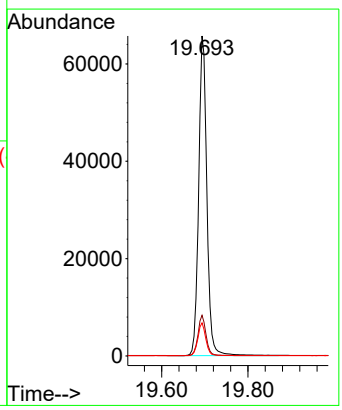


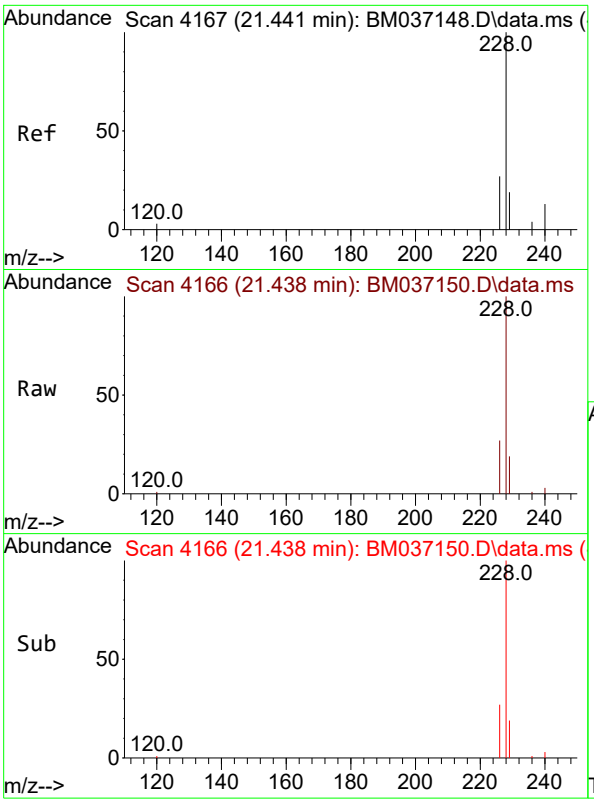


#20
Pyrene
Concen: 1.618 ng/ul
RT: 19.693 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:202 Resp: 86662

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	10.3	7.8	11.8



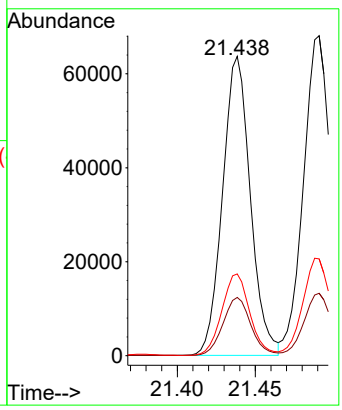


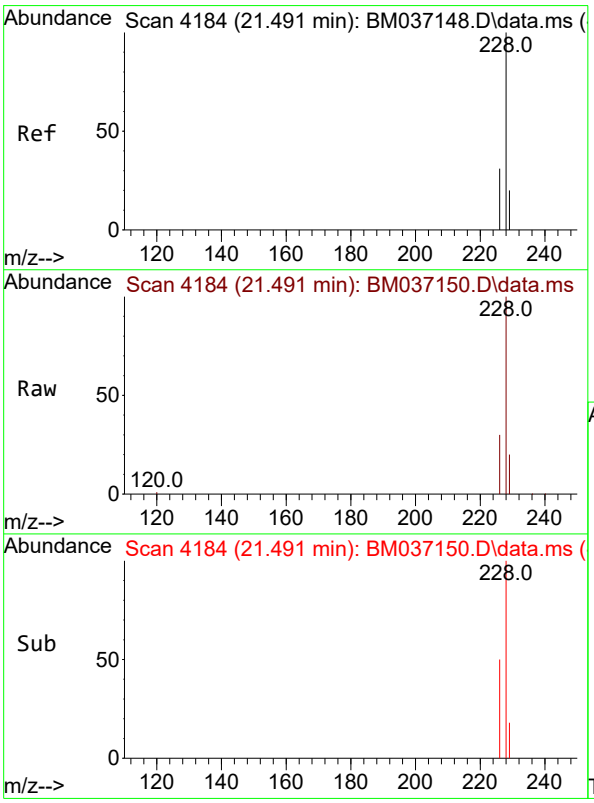
#21
Benzo(a)anthracene
Concen: 1.694 ng/ul
RT: 21.438 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:228 Resp: 79026

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.6
226	27.3	21.8	32.8

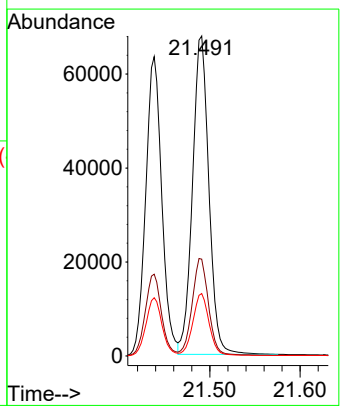


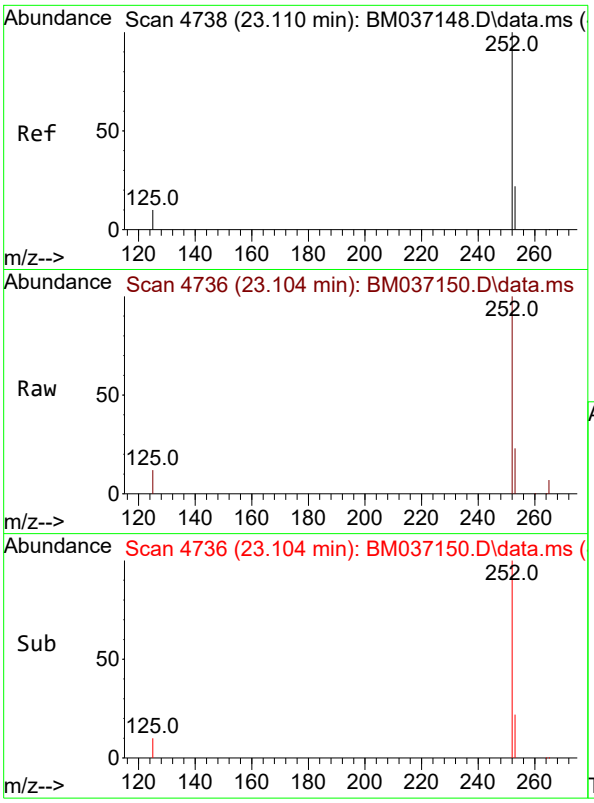


#22
Chrysene
Concen: 1.701 ng/ul
RT: 21.491 min Scan# 4184
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:228 Resp: 85180

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	19.5	16.0	24.0



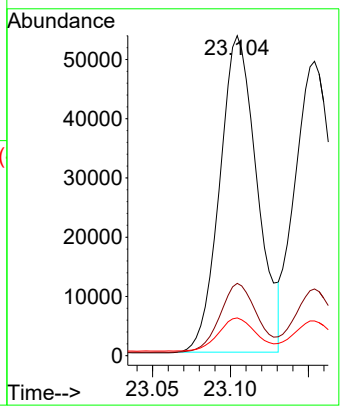


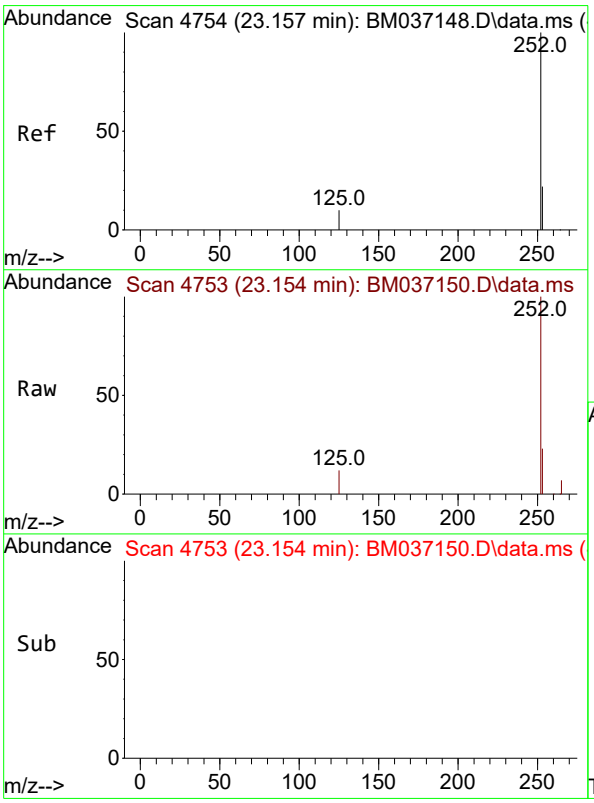
#24
Benzo(b)fluoranthene
Concen: 1.843 ng/ul
RT: 23.104 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:252 Resp: 89192

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	50.6
125	11.8	0.0	32.6

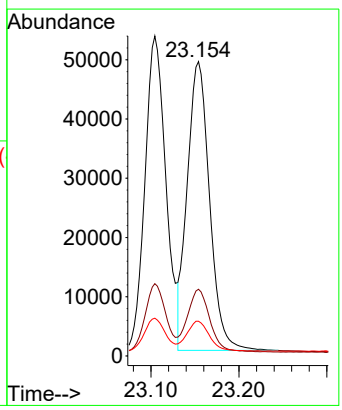


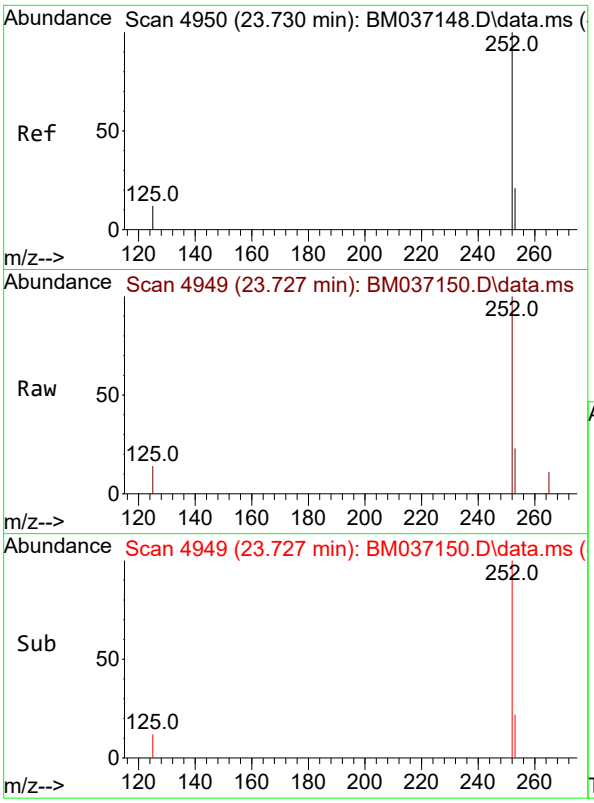


#25
Benzo(k)fluoranthene
Concen: 1.824 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:252 Resp: 86028

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.6	30.8
125	11.8	13.3	19.9#



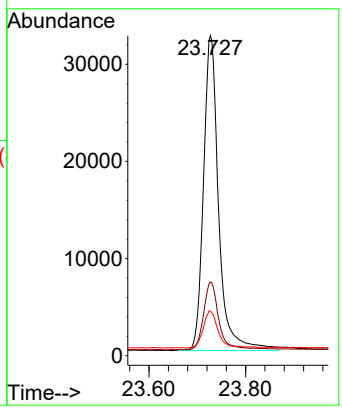


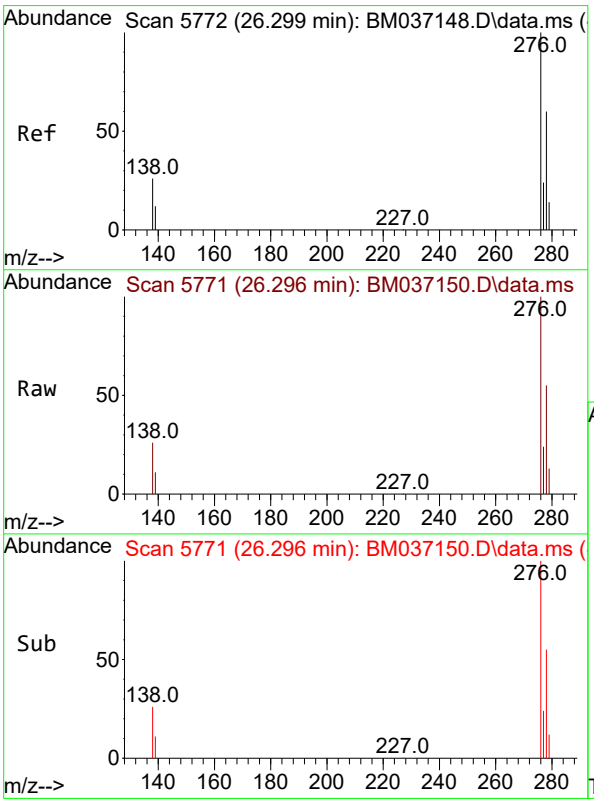
#26
Benzo(a)pyrene
Concen: 1.798 ng/ul
RT: 23.727 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:252 Resp: 70611

Ion	Ratio	Lower	Upper
252	100		
253	23.0	22.1	33.1
125	13.9	17.6	26.4#

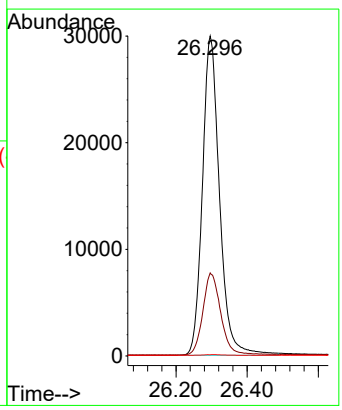


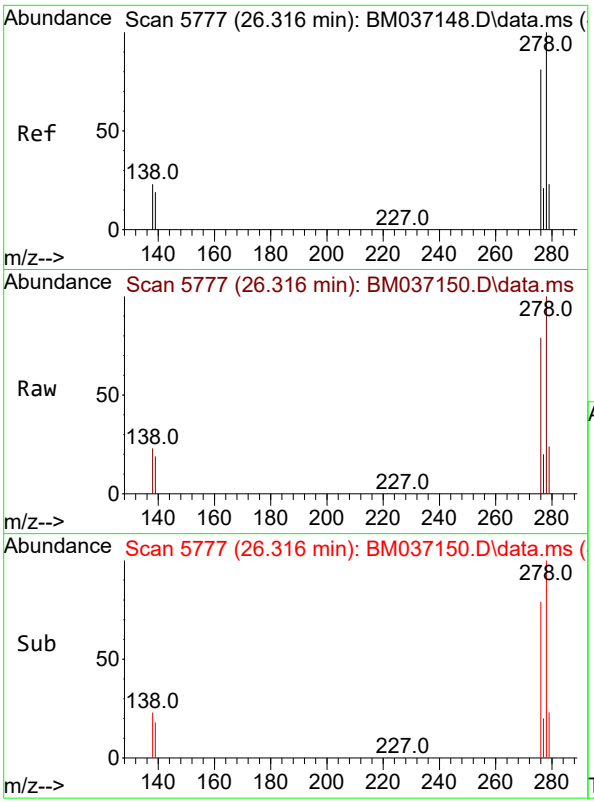


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.799 ng/ul
RT: 26.296 min Scan# 5771
Delta R.T. -0.003 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:276 Resp: 100057

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.4	32.0
227	0.2	0.1	0.1#



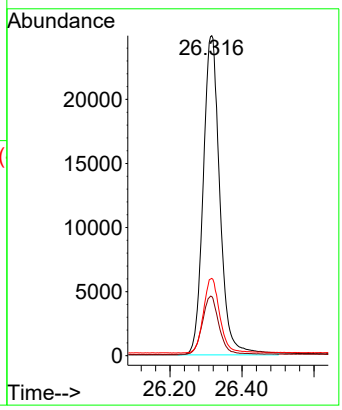


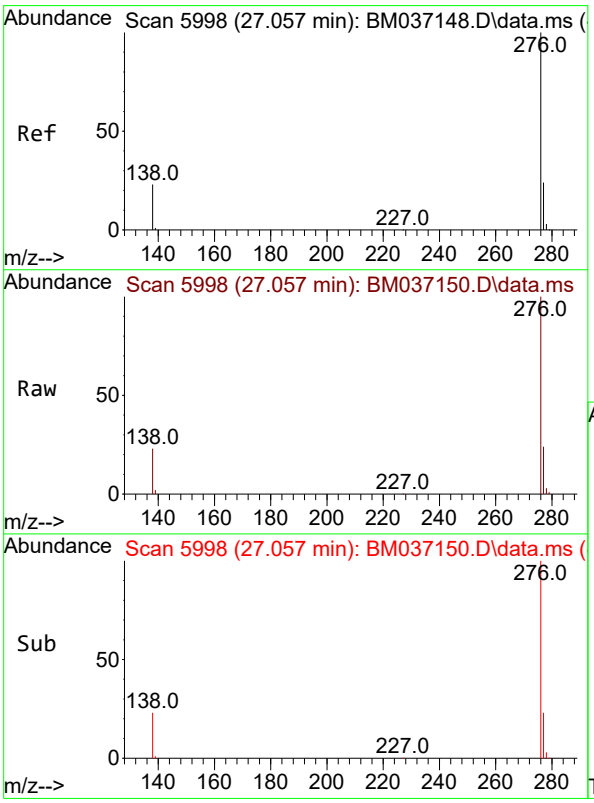
#28
Dibenzo(a,h)anthracene
Concen: 1.783 ng/ul
RT: 26.316 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

Tgt Ion:278 Resp: 80115

Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.3	24.5
279	24.1	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 1.753 ng/ul
RT: 27.057 min Scan# 5998
Delta R.T. -0.000 min
Lab File: BM037150.D
Acq: 19 Oct 2022 13:34

Tgt Ion:276 Resp: 85936

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.8	29.8
277	23.5	20.1	30.1