Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
Data File : BM037568.D
Acq On : 18 Nov 2022 17:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 18 23:14:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 06:51:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.136	152	6486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.957	136	17543	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.755	164	10686	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.491	188	24652	0.400	ng/ul	0.00
17) Chrysene-d12	21.649	240	19345	0.400	ng/ul	0.00
23) Perylene-d12	24.142	264	19149	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	3445	0.457	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.530	152	11436	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.503	212	26475	0.414	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.491	88	3504	0.446	ng/ul#	57
5) Naphthalene	11.007	128	22475	0.422	ng/ul	99
7) 2-Methylnaphthalene	12.607	142	14647	0.404	ng/ul	99
8) 1-Methylnaphthalene	12.822	142	14986	0.404	ng/ul	99
10) Acenaphthylene	14.478	152	22688	0.382	ng/ul	99
11) Acenaphthene	14.820	153	17931	0.433	ng/ul	98
12) Fluorene	15.796	166	21167	0.424	ng/ul	99
14) Pentachlorophenol	17.132	266	2643	0.478	ng/ul	100
15) Phenanthrene	17.529	178	36205	0.429	ng/ul	99
16) Anthracene	17.621	178	32756	0.403	ng/ul	99
19) Fluoranthene	19.531	202	40911	0.438	ng/ul	98
20) Pyrene	19.893	202	41985	0.433	ng/ul	100
21) Benzo(a)anthracene	21.631	228	36046	0.417	ng/ul	99
22) Chrysene	21.687	228	38175	0.445	ng/ul	100
24) Benzo(b)fluoranthene	23.376	252	40946	0.469	ng/ul	95
25) Benzo(k)fluoranthene	23.426	252	39524	0.448	ng/ul	99
26) Benzo(a)pyrene	24.031	252	34335	0.452	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.755	276	46102	0.459	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.782	278	37063	0.469	ng/ul	97
29) Benzo(g,h,i)perylene	27.560	276	36640	0.429	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
Data File : BM037568.D
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Misc :
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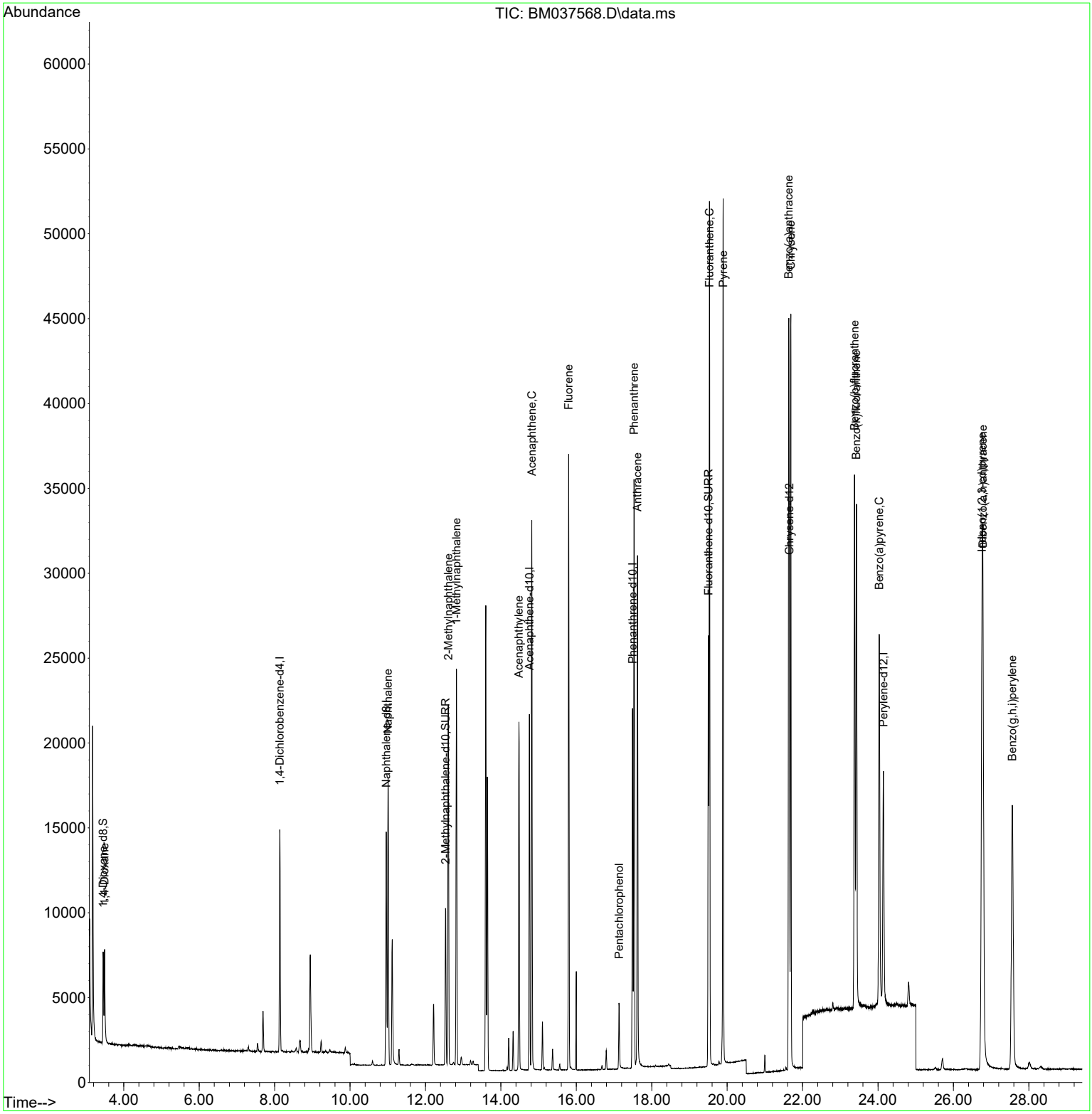
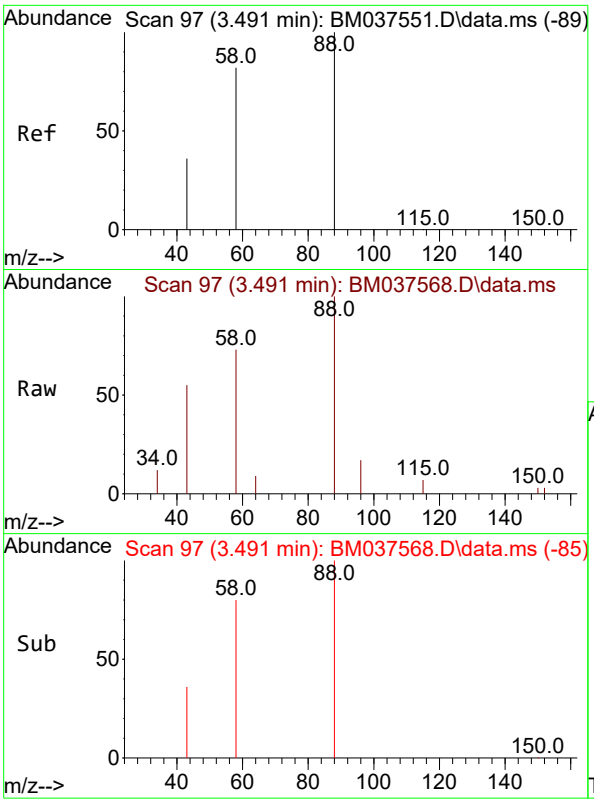
Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 18 23:14:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 18 06:51:41 2022
Response via : Initial Calibration



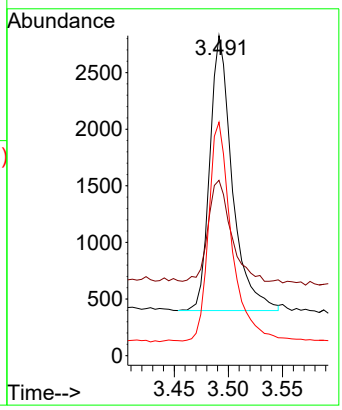


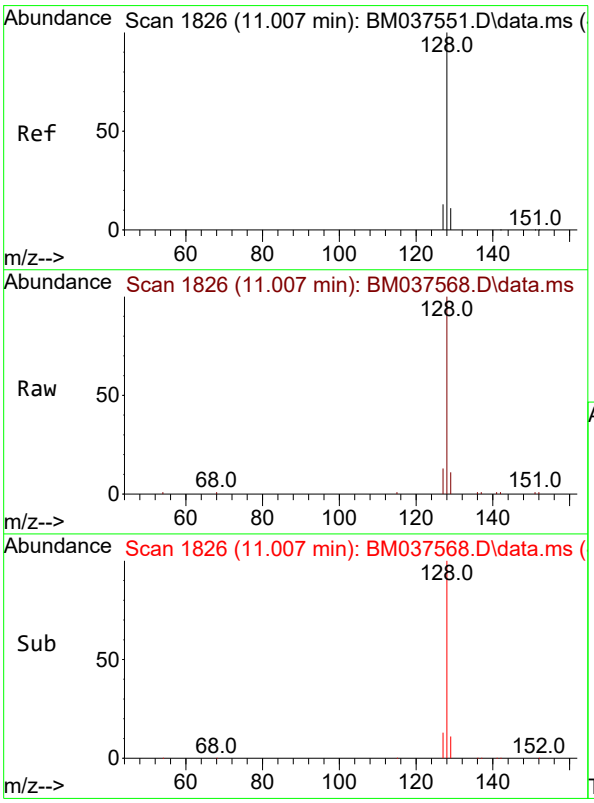
#2
1,4-Dioxane
Concen: 0.446 ng/ul
RT: 3.491 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 3504

Ion	Ratio	Lower	Upper
88	100		
43	54.8	102.8	154.2#
58	72.9	67.3	100.9

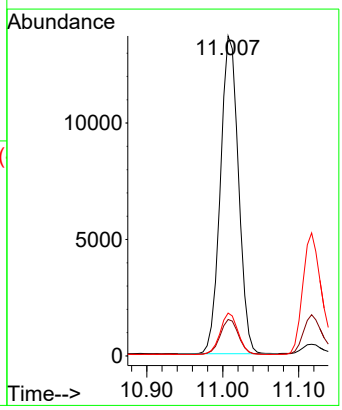


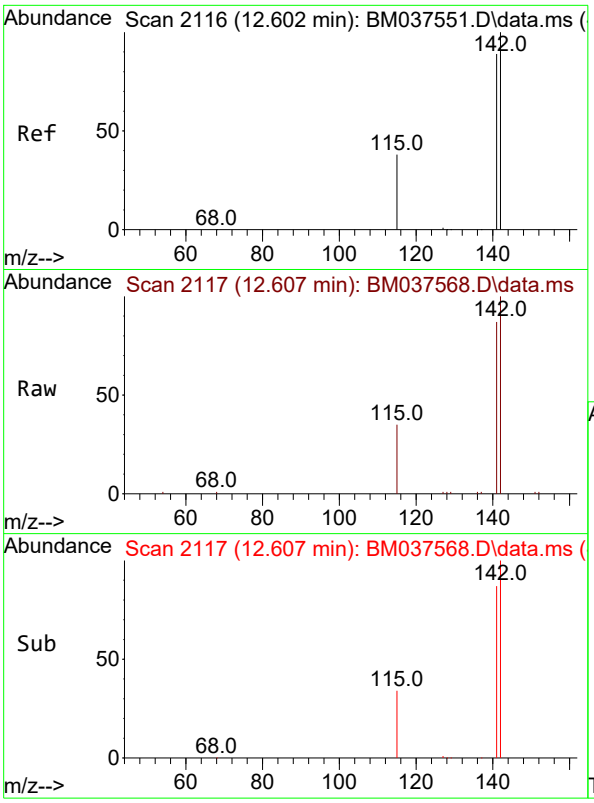


#5
Naphthalene
Concen: 0.422 ng/ul
RT: 11.007 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:128 Resp: 22475

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.4	11.0	16.4



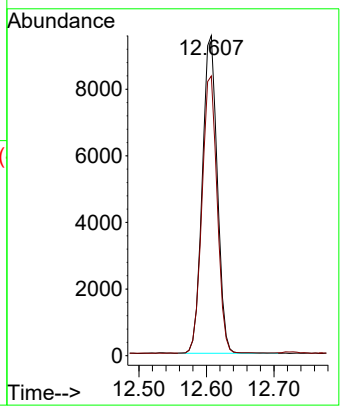


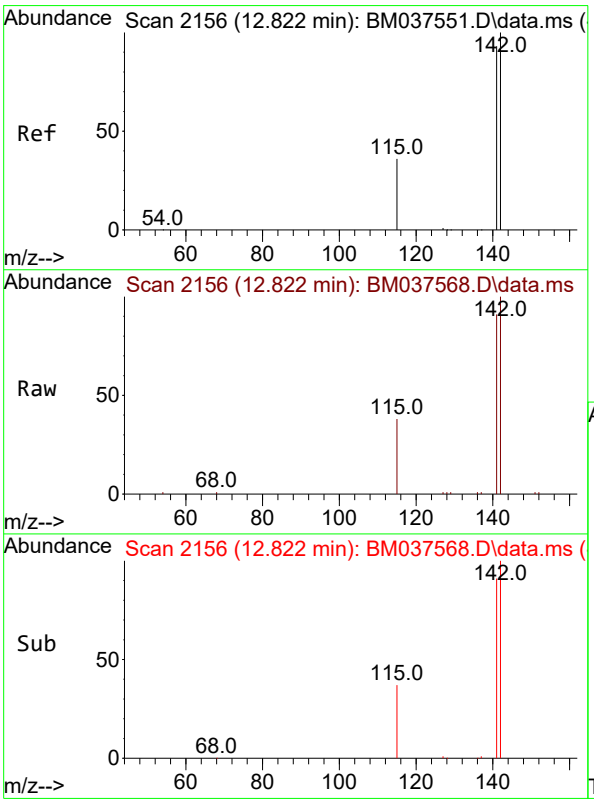
#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.607 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 14647

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.4

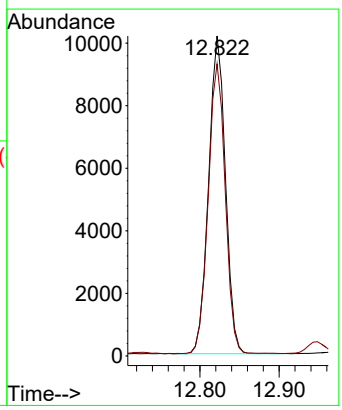


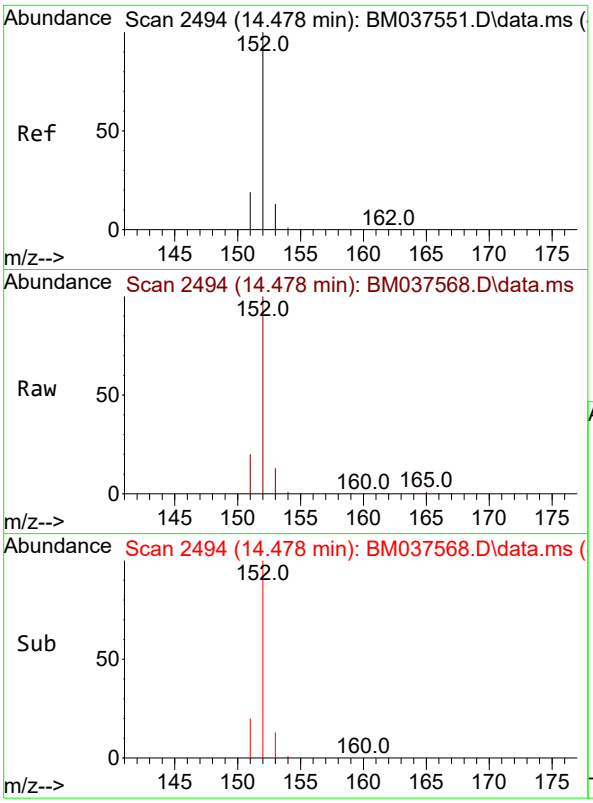


#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.822 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:142 Resp: 14986

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.4	110.0



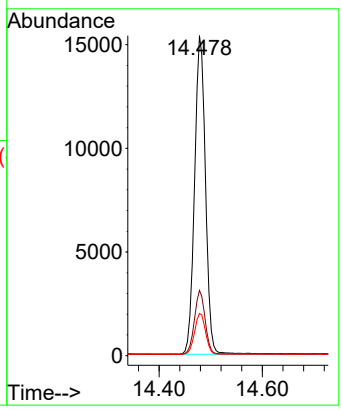


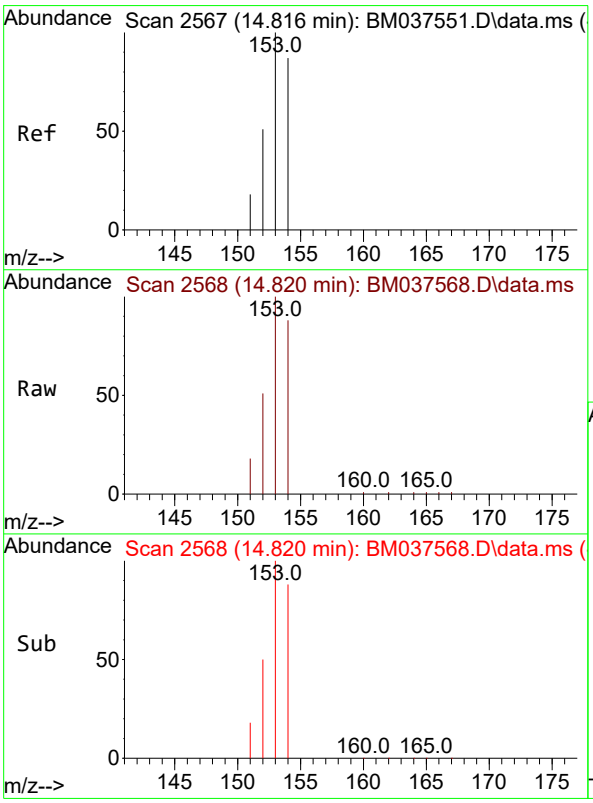
#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.478 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 22688

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.2	11.0	16.4

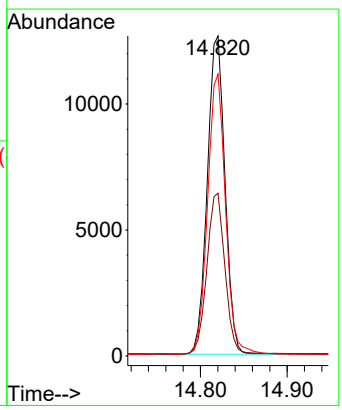


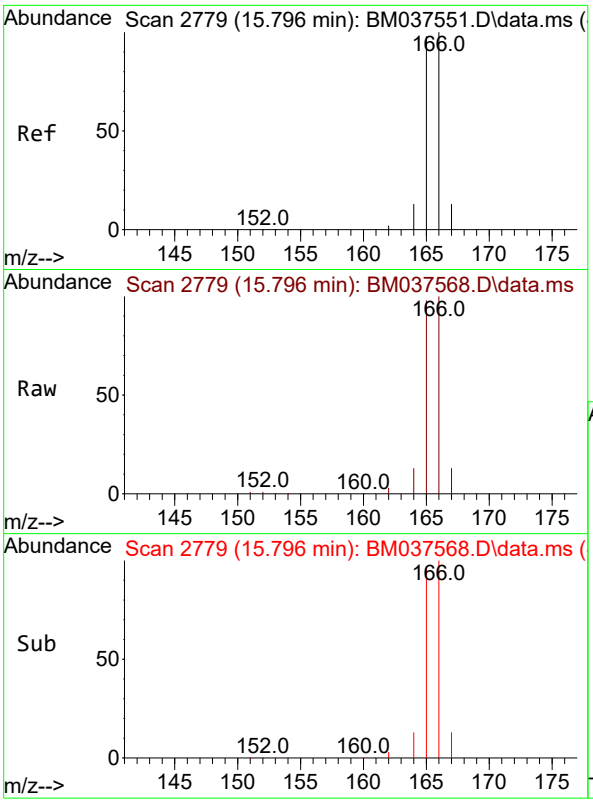


#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.820 min Scan# 2568
Delta R.T. 0.005 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:153 Resp: 17931

Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.4	59.0
154	88.0	69.5	104.3



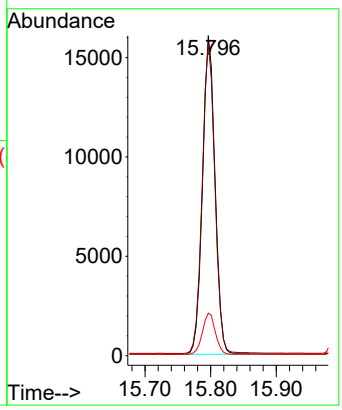


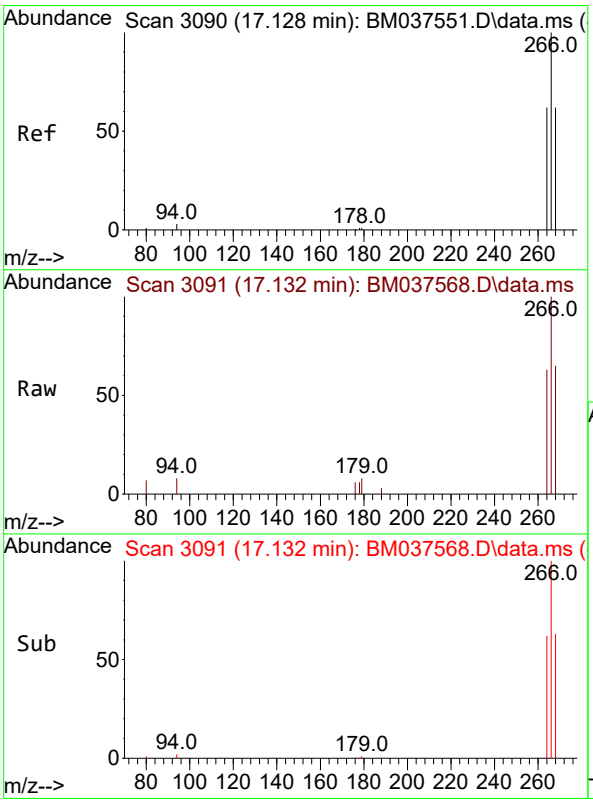
#12
Fluorene
Concen: 0.424 ng/ul
RT: 15.796 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 21167

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	13.3	11.3	16.9

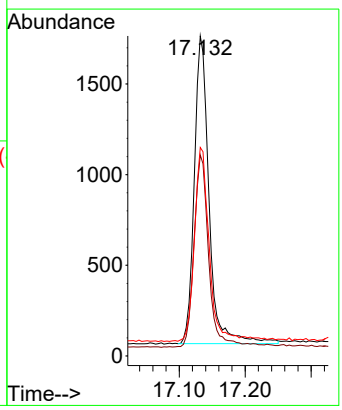


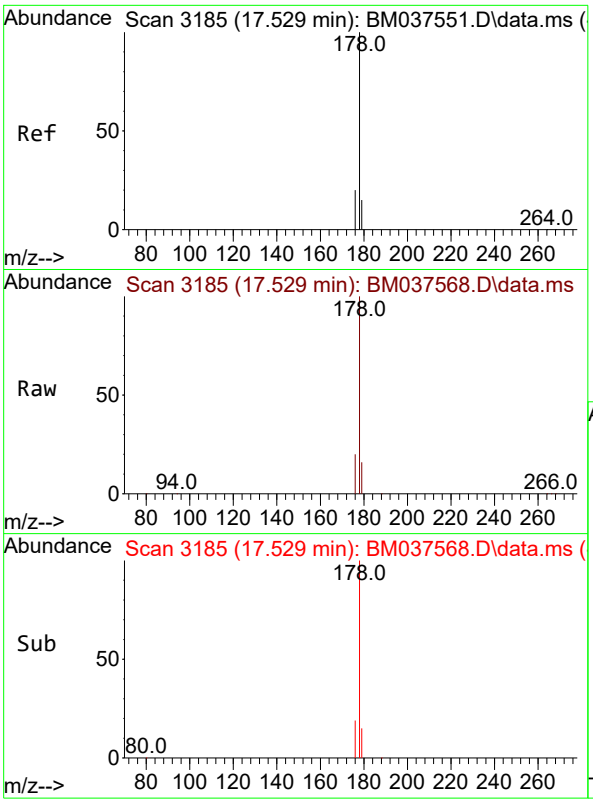


#14
Pentachlorophenol
Concen: 0.478 ng/ul
RT: 17.132 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:266 Resp: 2643

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.2	75.2
268	64.4	52.0	78.0



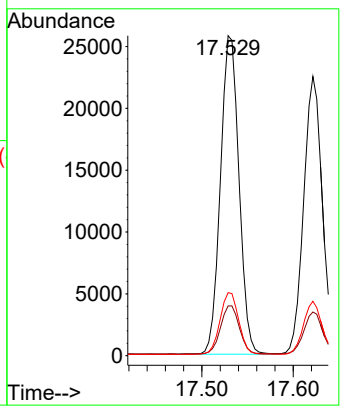


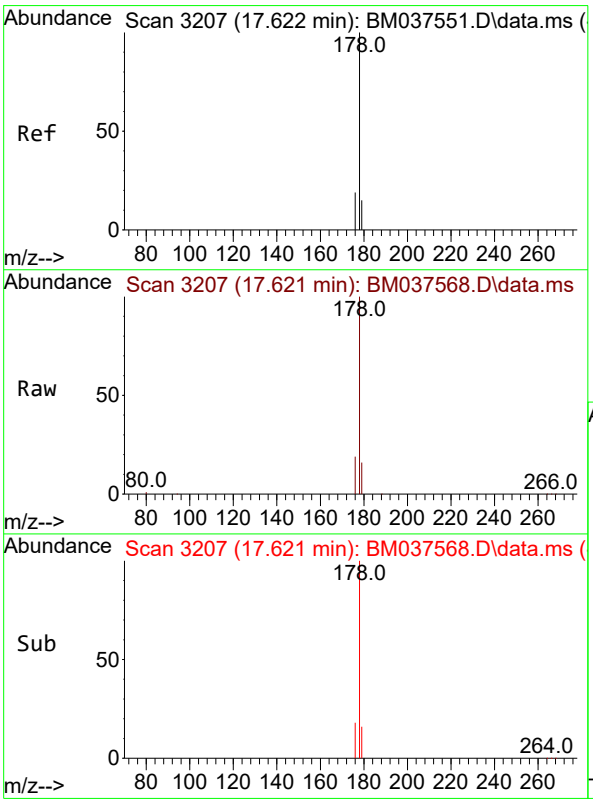
#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.529 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 36205

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.7	16.0	24.0

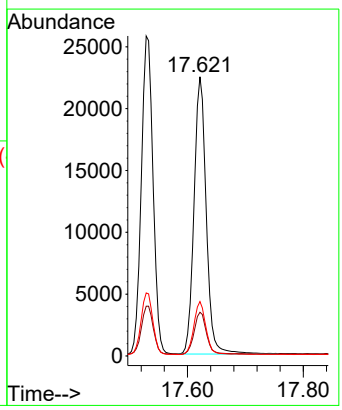


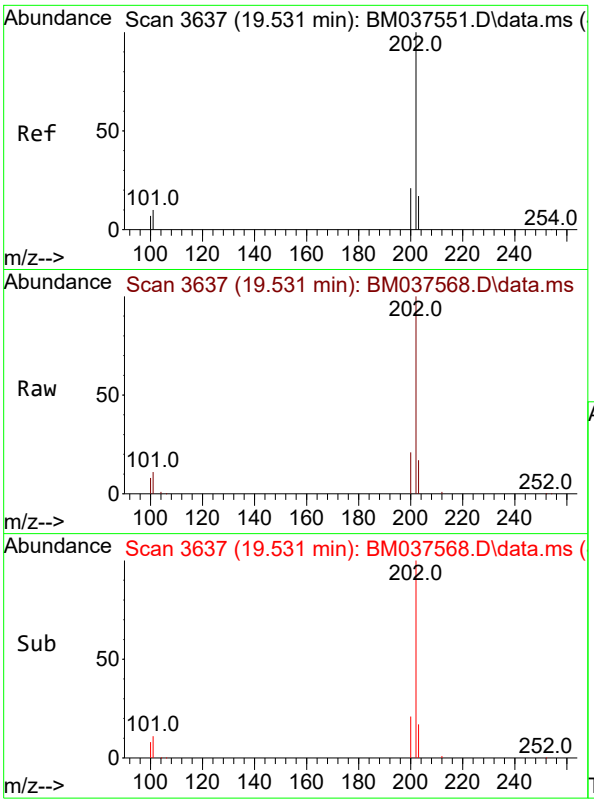


#16
Anthracene
Concen: 0.403 ng/ul
RT: 17.621 min Scan# 3207
Delta R.T. 0.004 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:178 Resp: 32756

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.5	15.0	22.6



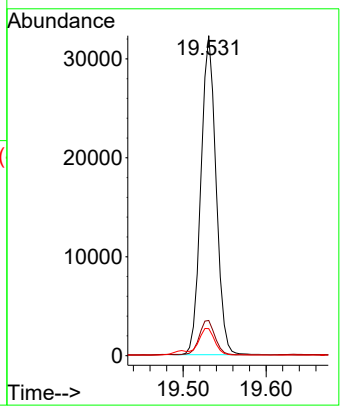


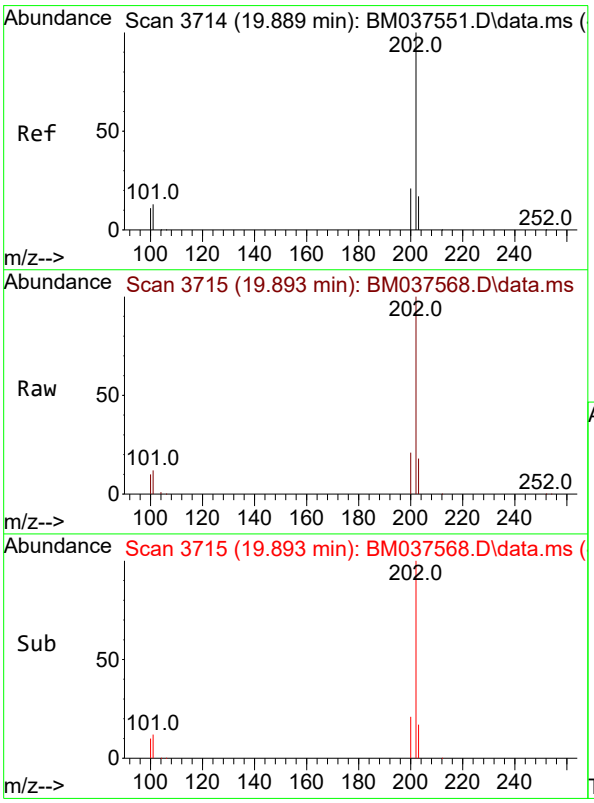
#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.531 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 40911

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2
100	8.5	6.1	9.1

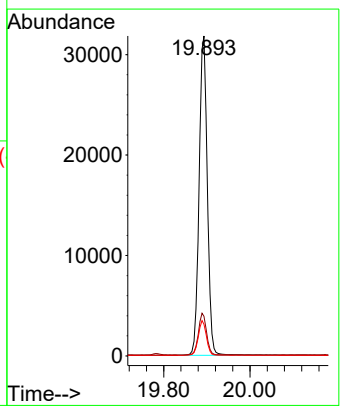


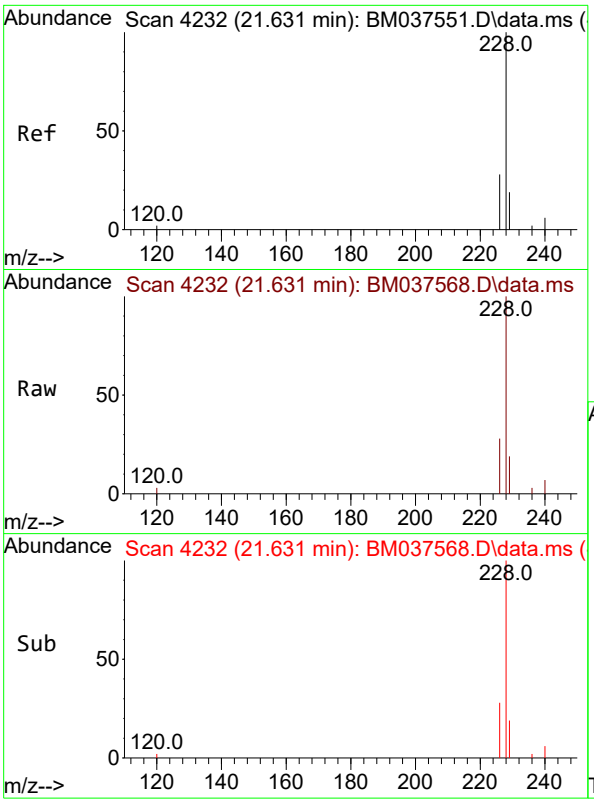


#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.893 min Scan# 3715
Delta R.T. 0.005 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:202 Resp: 41985

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.1	15.1
100	9.9	8.0	12.0



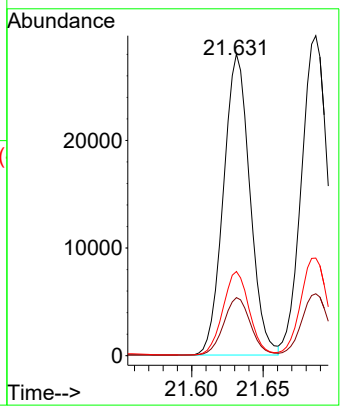


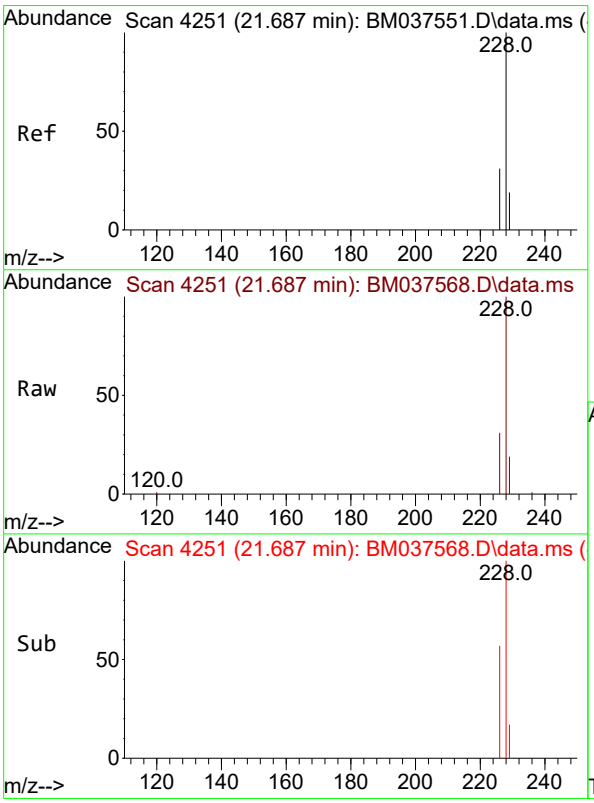
#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.631 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 36046

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	27.9	22.2	33.2

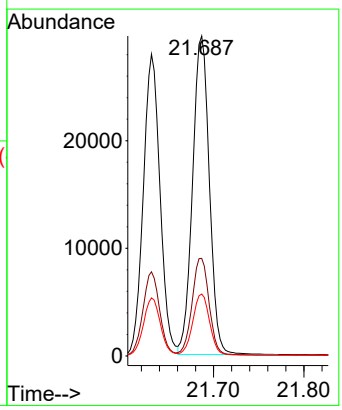


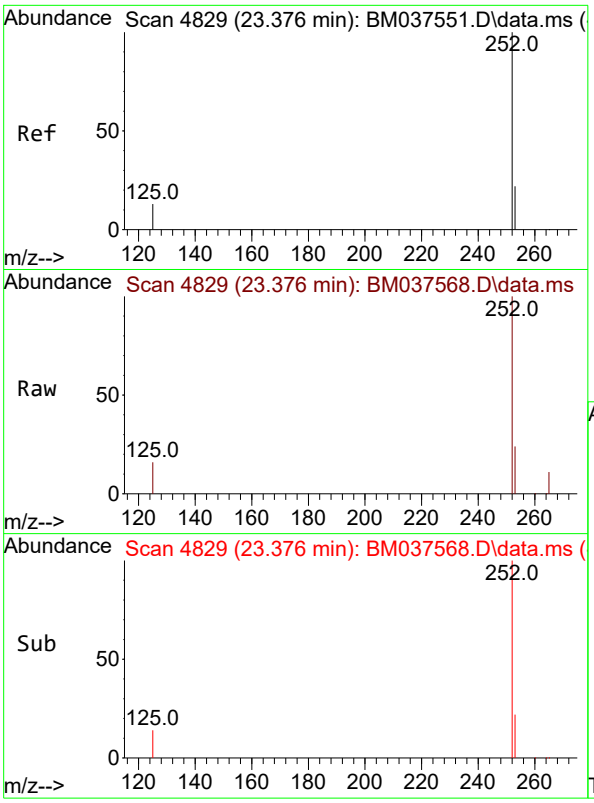


#22
Chrysene
Concen: 0.445 ng/ul
RT: 21.687 min Scan# 4251
Delta R.T. 0.003 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:228 Resp: 38175

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.4	15.5	23.3



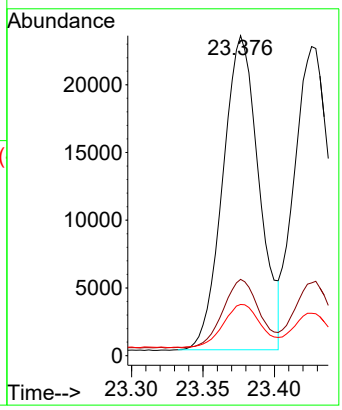


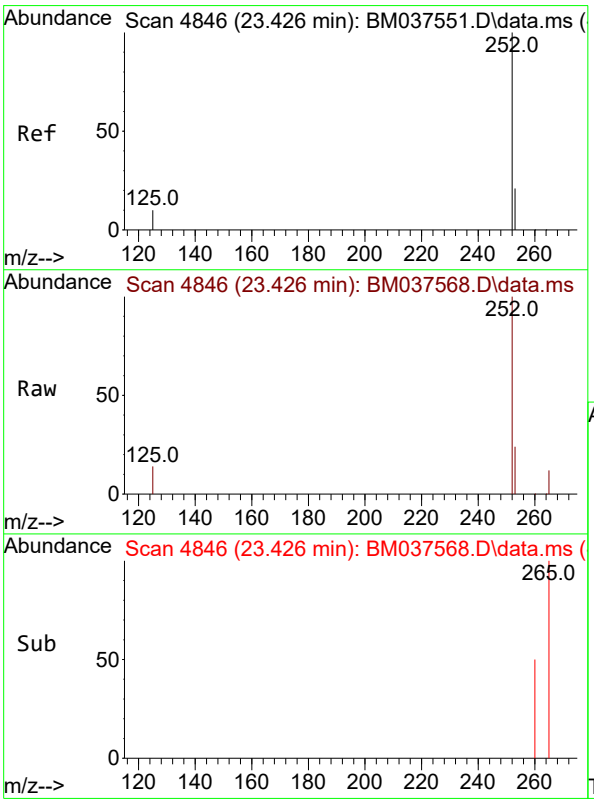
#24
Benzo(b)fluoranthene
Concen: 0.469 ng/ul
RT: 23.376 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 40946

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	46.2
125	16.0	0.0	23.4

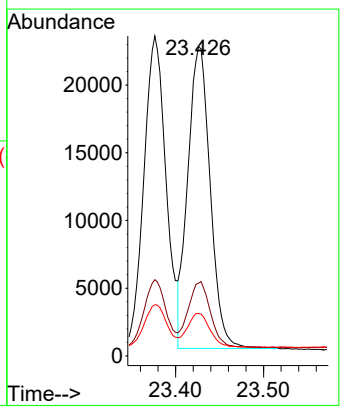


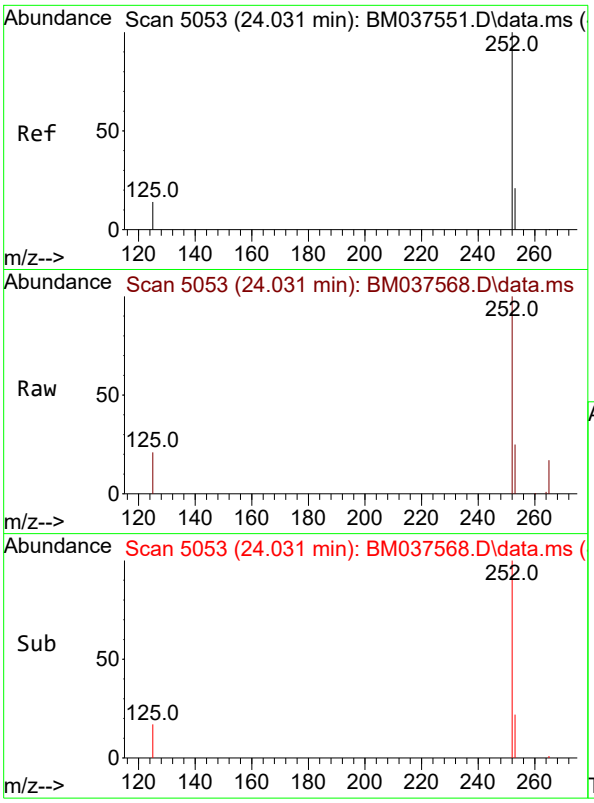


#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 23.426 min Scan# 4846
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:252 Resp: 39524

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	13.7	9.8	14.6



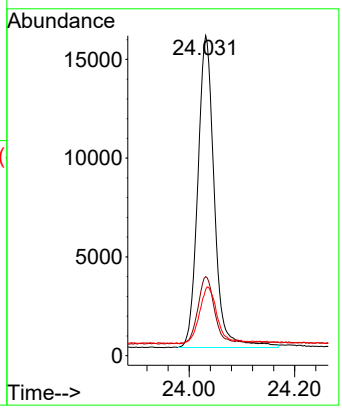


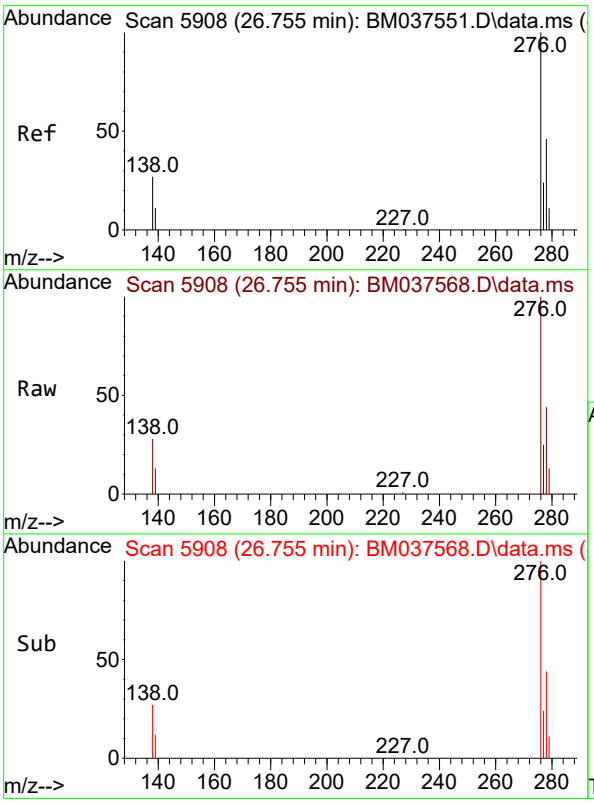
#26
Benzo(a)pyrene
Concen: 0.452 ng/ul
RT: 24.031 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 34335

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.8	28.2
125	20.7	10.5	15.7#

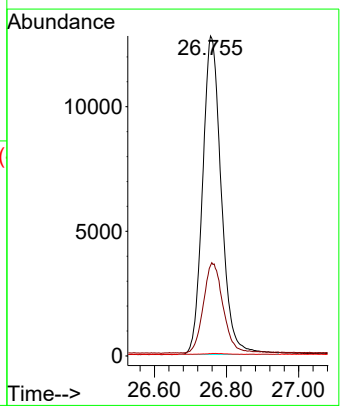


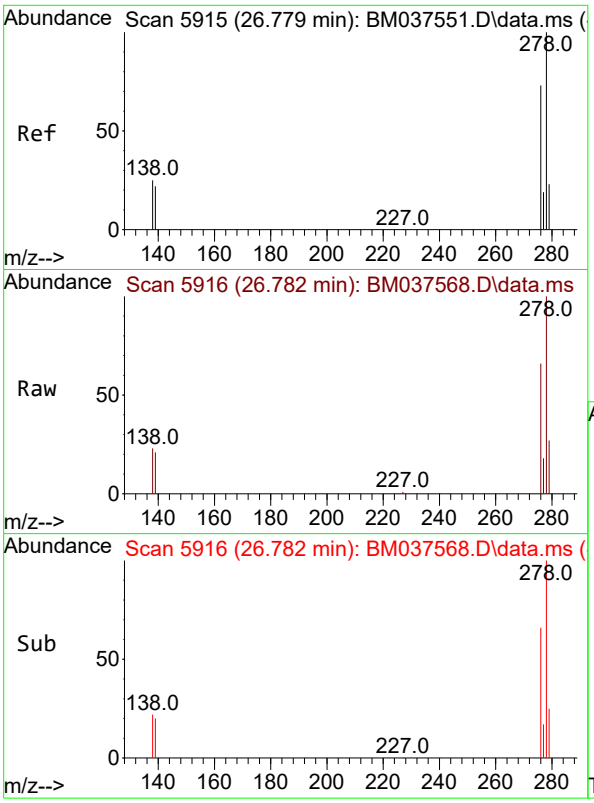


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng/ul
RT: 26.755 min Scan# 5908
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:276 Resp: 46102

Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.2	31.8
227	0.3	0.1	0.1#



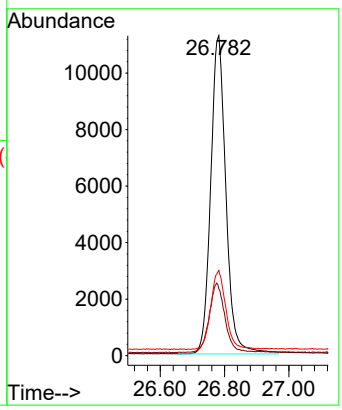


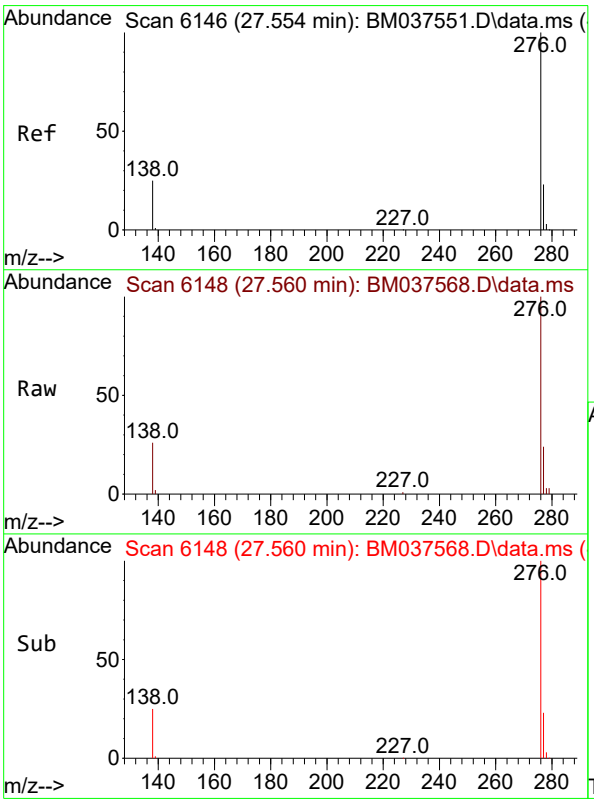
#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 26.782 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 37063

Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.2	22.8
279	26.6	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.560 min Scan# 6148
Delta R.T. -0.000 min
Lab File: BM037568.D
Acq: 18 Nov 2022 17:17

Tgt Ion:276 Resp: 36640

Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.0	28.4
277	24.0	19.4	29.2