Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
Data File : BM037518.D
Acq On : 17 Nov 2022 09:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 17 12:15:02 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 : Thu Nov 17 00:46:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	5702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.963	136	14979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.761	164	9221	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.496	188	21140	0.400	ng/ul	0.00
17) Chrysene-d12	21.657	240	16198	0.400	ng/ul	0.00
23) Perylene-d12	24.156	264	15851	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	2792	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	9827	0.396	ng/ul	0.00
18) Fluoranthene-d10	19.508	212	22541	0.421	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.495	88	2981	0.432	ng/ul#	54
5) Naphthalene	11.018	128	19479	0.428	ng/ul	98
7) 2-Methylnaphthalene	12.613	142	12646	0.409	ng/ul	99
8) 1-Methylnaphthalene	12.827	142	12950	0.409	ng/ul	99
10) Acenaphthylene	14.483	152	21185	0.414	ng/ul	99
11) Acenaphthene	14.826	153	15466	0.433	ng/ul	98
12) Fluorene	15.802	166	18408	0.428	ng/ul	99
14) Pentachlorophenol	17.137	266	1920	0.405	ng/ul	99
15) Phenanthrene	17.538	178	31111	0.430	ng/ul	100
16) Anthracene	17.626	178	28638	0.411	ng/ul	100
19) Fluoranthene	19.536	202	35192	0.450	ng/ul	97
20) Pyrene	19.899	202	35711	0.439	ng/ul	100
21) Benzo(a)anthracene	21.639	228	30736	0.424	ng/ul	100
22) Chrysene	21.695	228	32283	0.449	ng/ul	100
24) Benzo(b)fluoranthene	23.390	252	33054	0.457	ng/ul	99
25) Benzo(k)fluoranthene	23.440	252	33195	0.455	ng/ul	99
26) Benzo(a)pyrene	24.045	252	27720	0.441	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.785	276	37257	0.448	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.808	278	29531	0.451	ng/ul	99
29) Benzo(g,h,i)perylene	27.586	276	31831	0.450	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
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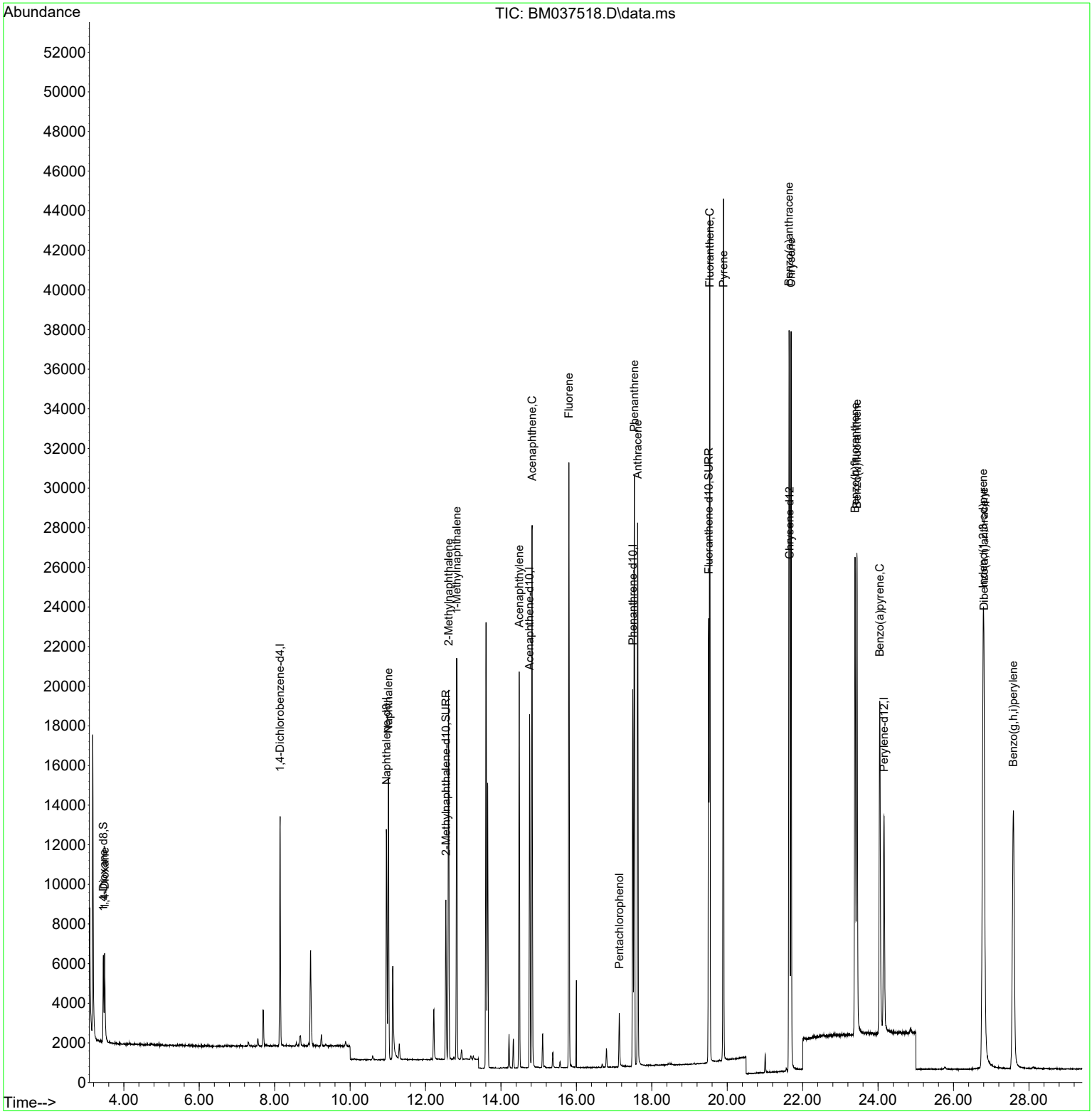
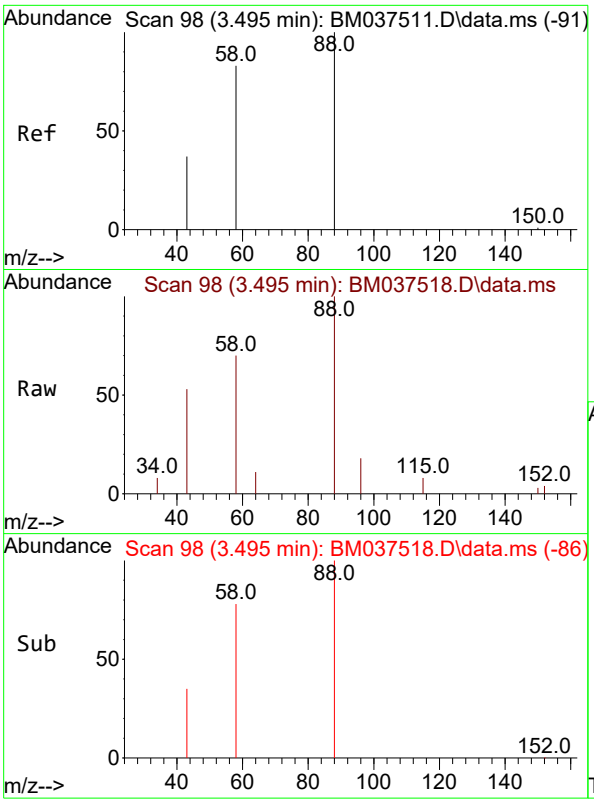
Quant Time: Nov 17 12:15:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:46:50 2022
Response via : Initial Calibration



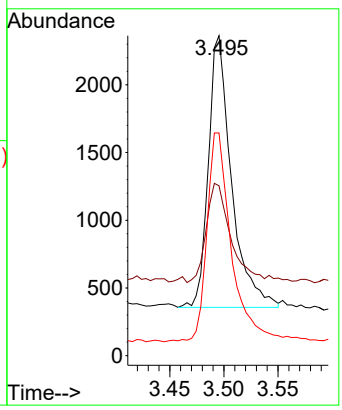


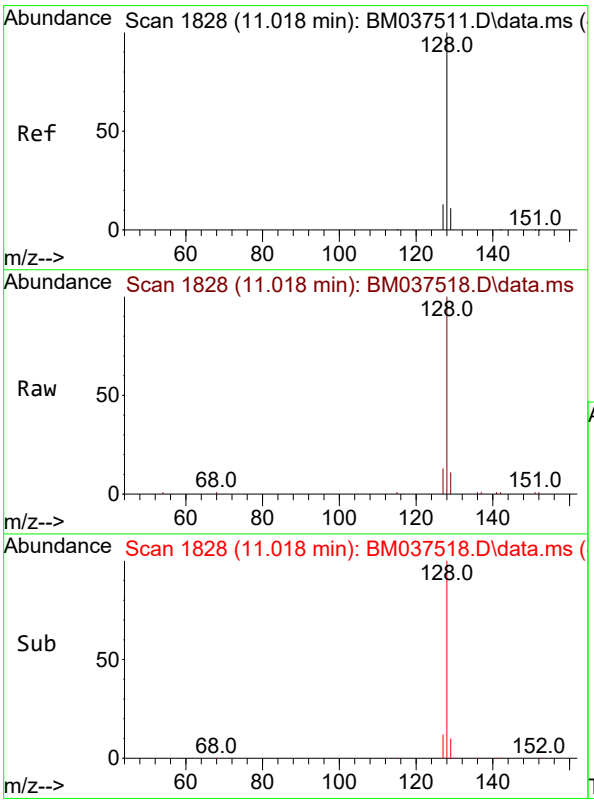
#2
1,4-Dioxane
Concen: 0.432 ng/ul
RT: 3.495 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2981

Ion	Ratio	Lower	Upper
88	100		
43	53.1	102.8	154.2#
58	69.6	67.3	100.9

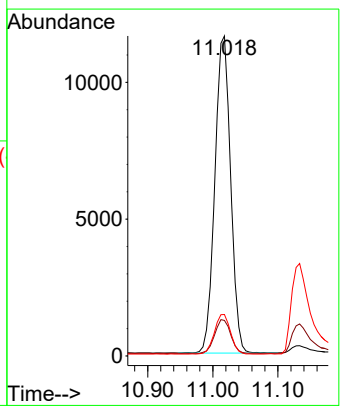


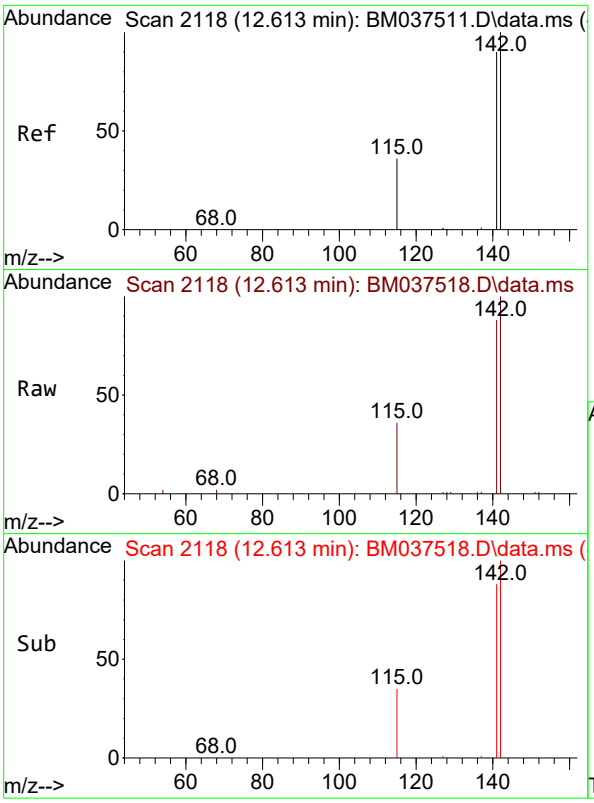


#5
Naphthalene
Concen: 0.428 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:128 Resp: 19479

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.0	11.0	16.4



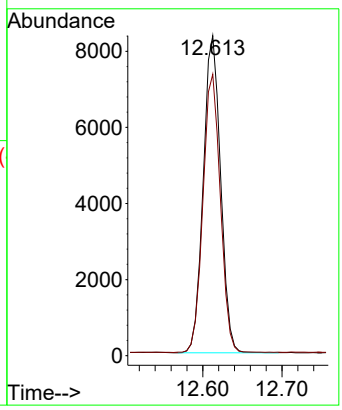


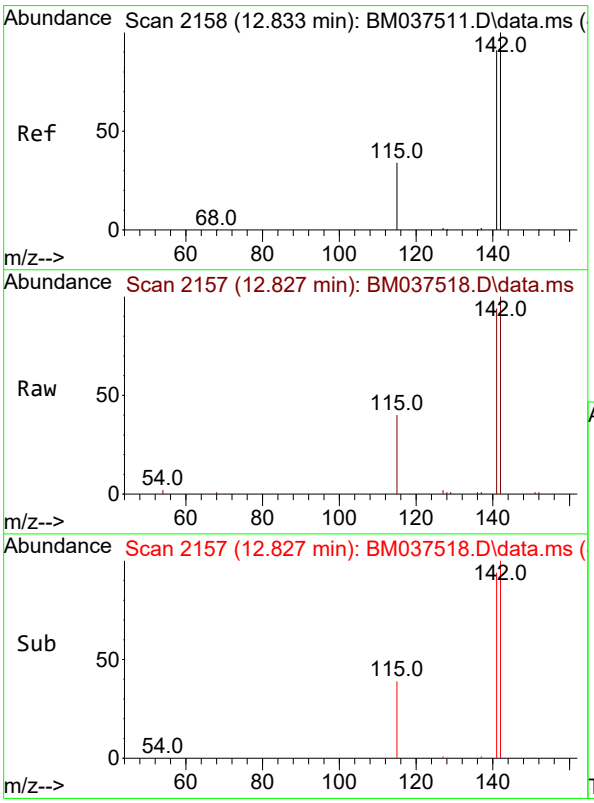
#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.613 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 12646

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.0	106.4

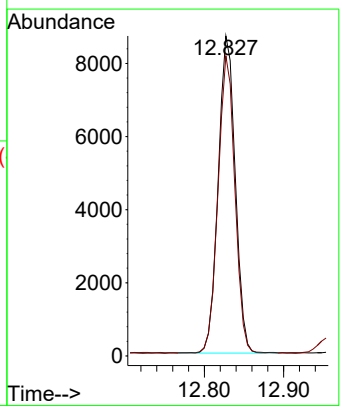


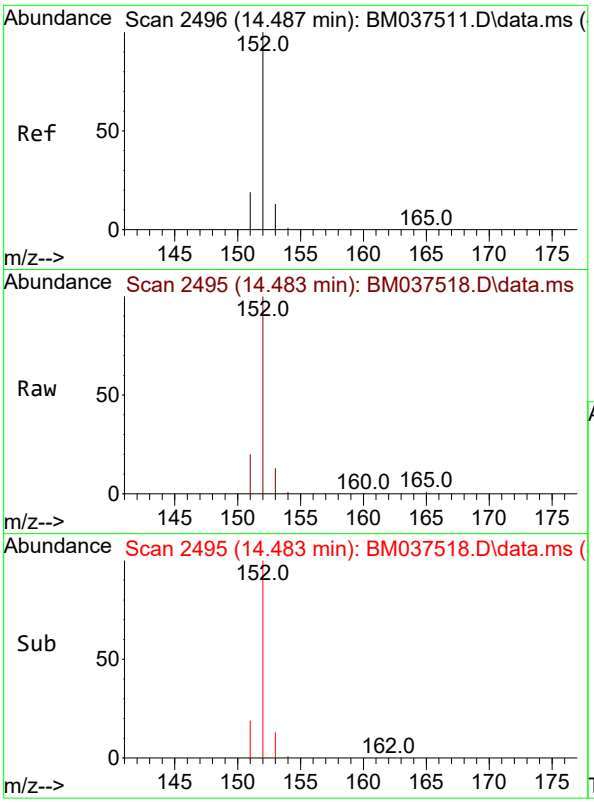


#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.827 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:142 Resp: 12950

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.0



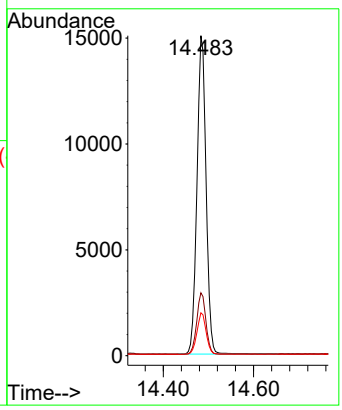


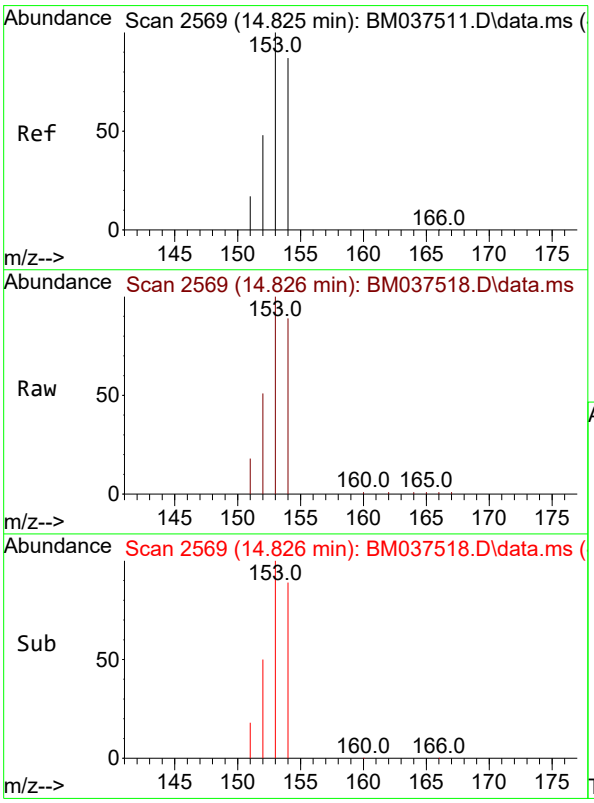
#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.483 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 21185

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.4	11.0	16.4

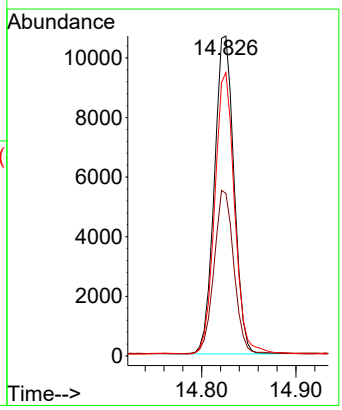


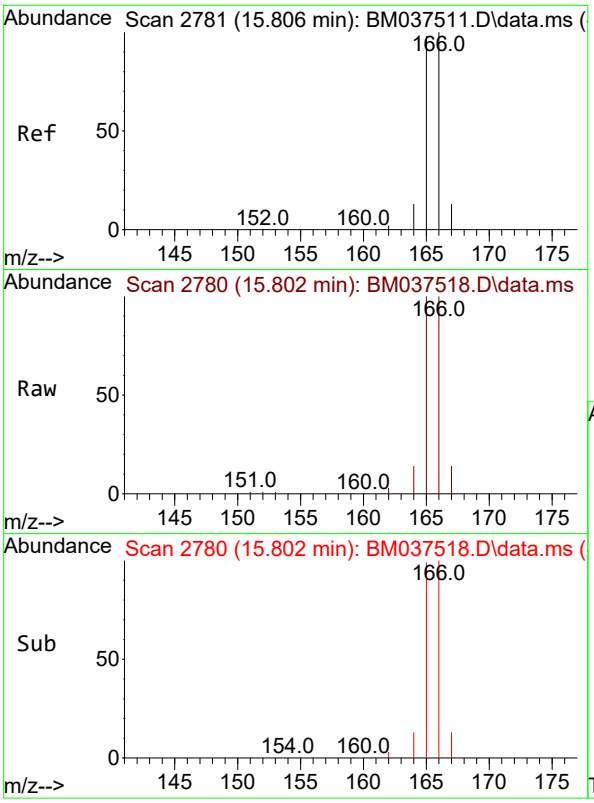


#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.826 min Scan# 2569
Delta R.T. 0.001 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:153 Resp: 15466

Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.4	59.0
154	88.6	69.5	104.3



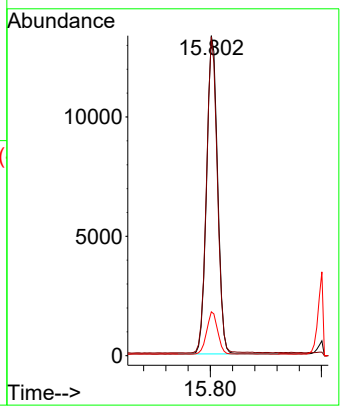


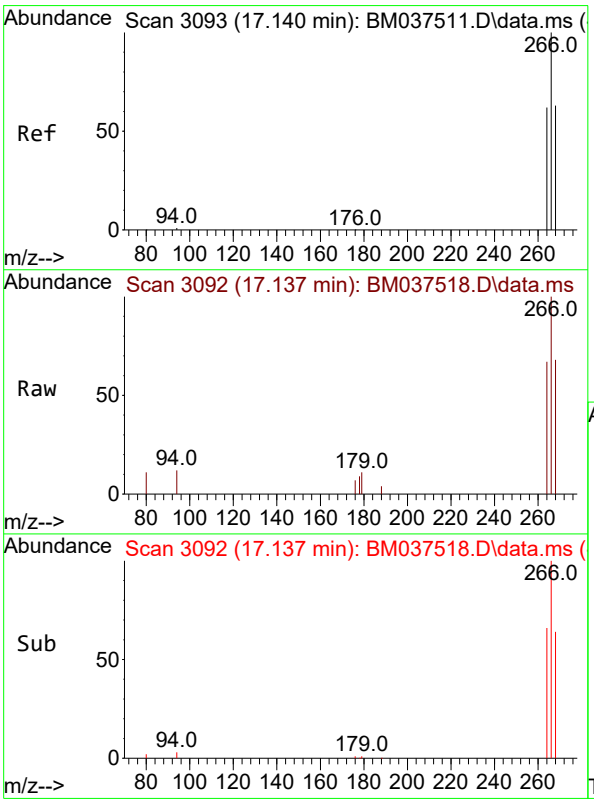
#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.802 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 18408

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.7	118.1
167	13.7	11.3	16.9

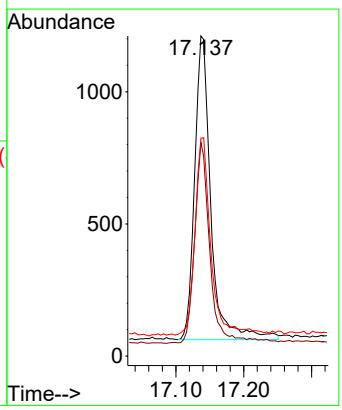


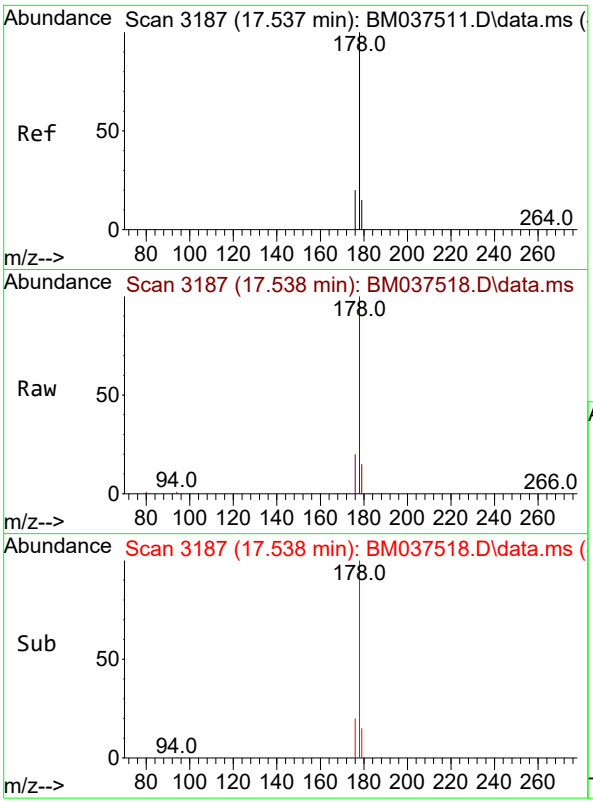


#14
Pentachlorophenol
Concen: 0.405 ng/ul
RT: 17.137 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:266 Resp: 1920

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.2	75.2
268	63.8	52.0	78.0



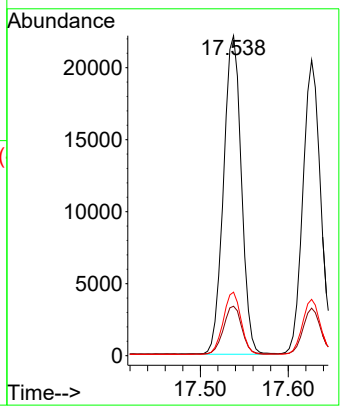


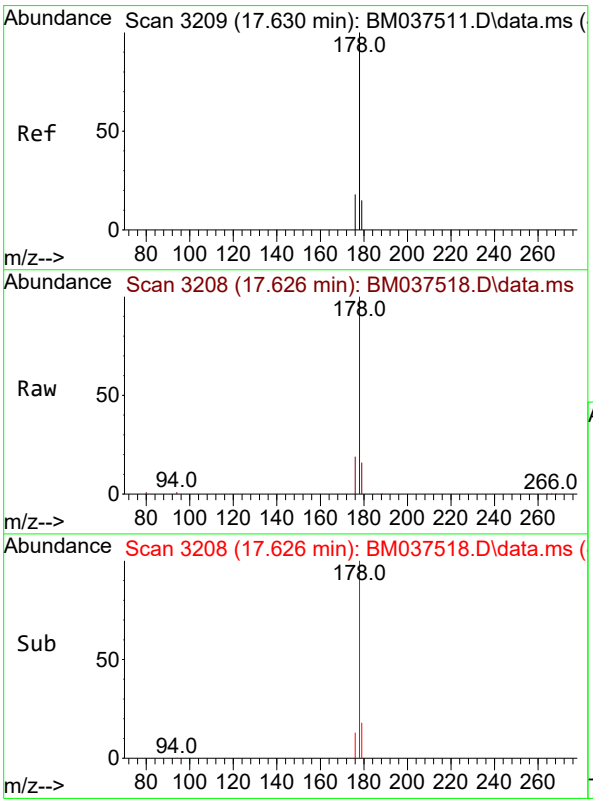
#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.538 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 31111

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.9	16.0	24.0

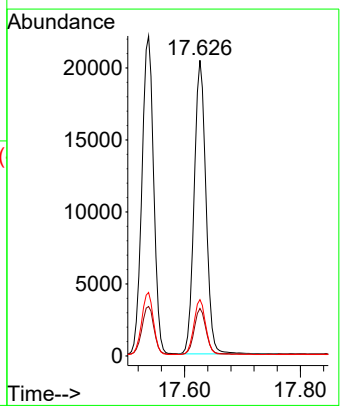


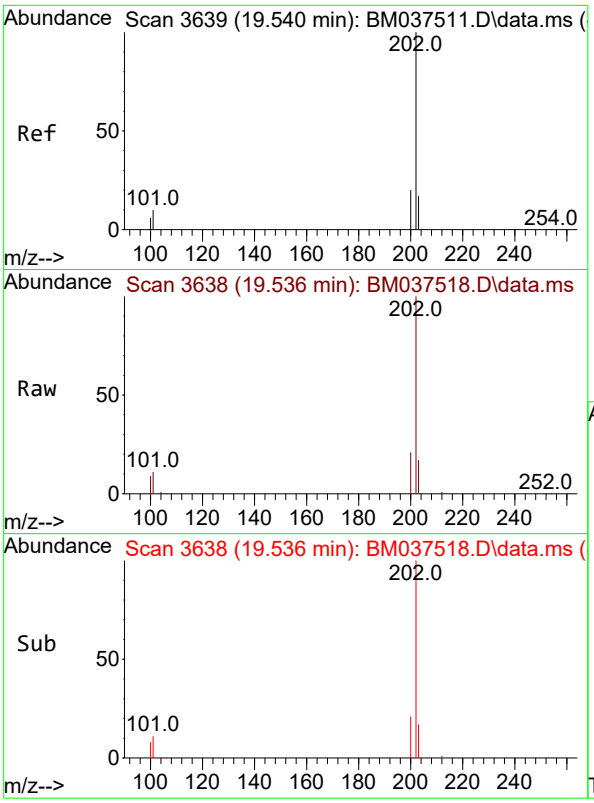


#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.626 min Scan# 3208
Delta R.T. -0.003 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:178 Resp: 28638

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.1	15.0	22.6



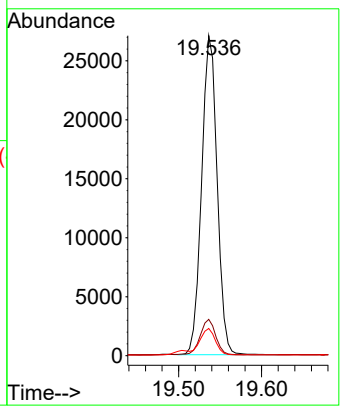


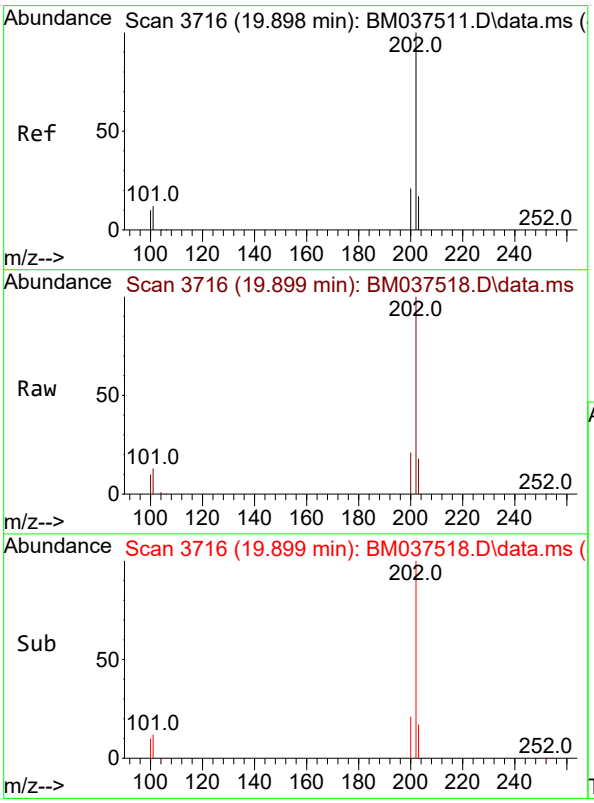
#19
Fluoranthene
Concen: 0.450 ng/ul
RT: 19.536 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 35192

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.2	12.2
100	8.5	6.1	9.1

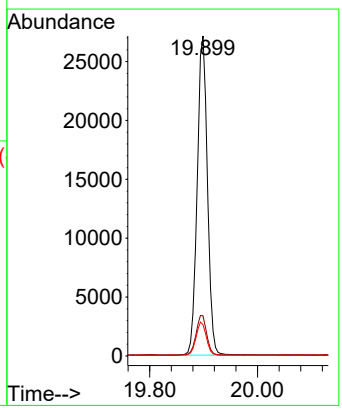


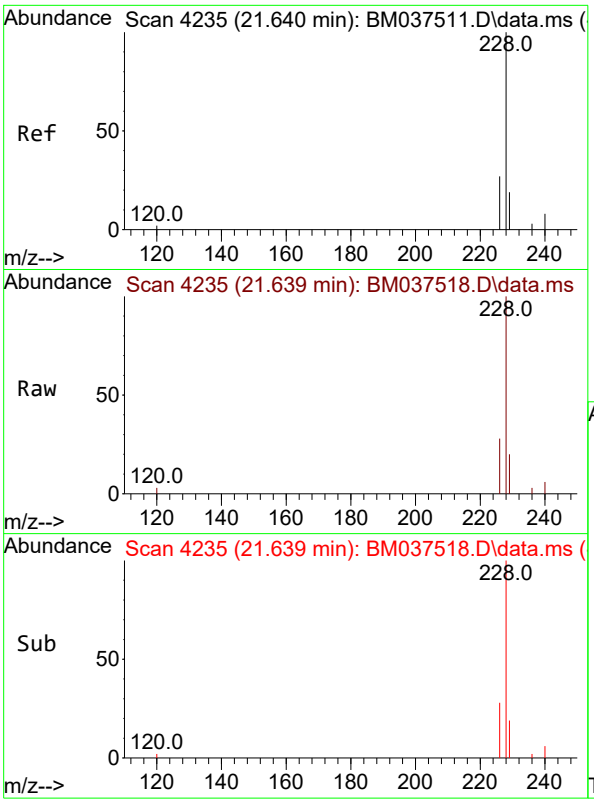


#20
Pyrene
Concen: 0.439 ng/ul
RT: 19.899 min Scan# 3716
Delta R.T. 0.001 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:202 Resp: 35711

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.1	15.1
100	9.8	8.0	12.0



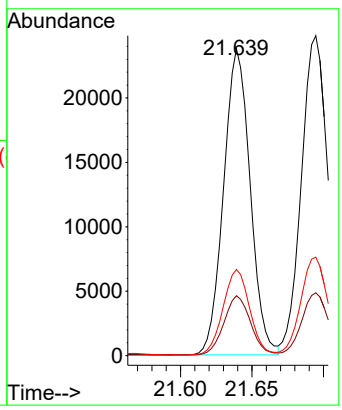


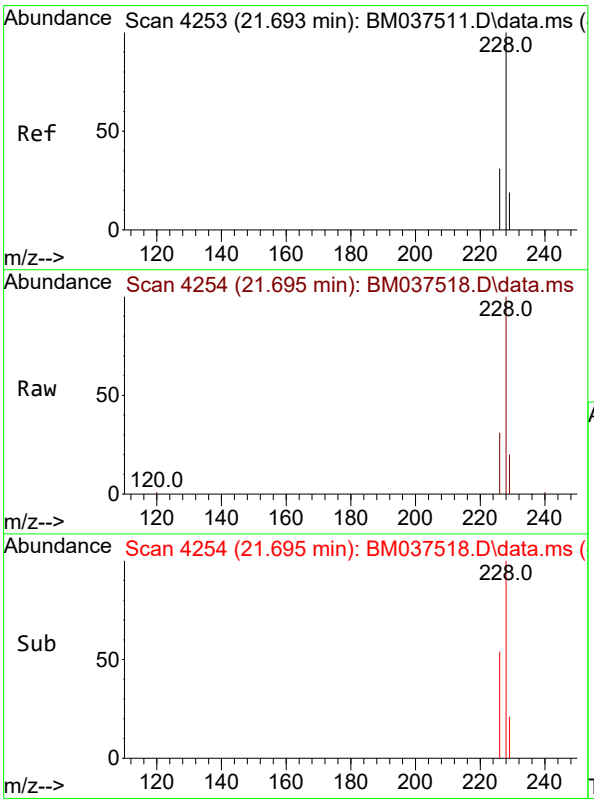
#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.639 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 30736

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.7	23.5
226	28.1	22.2	33.2

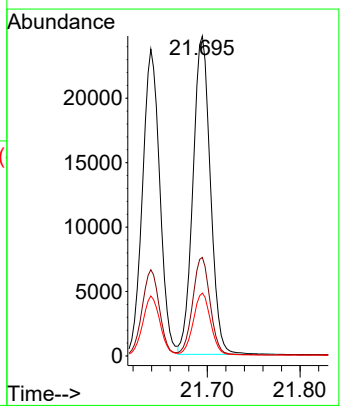


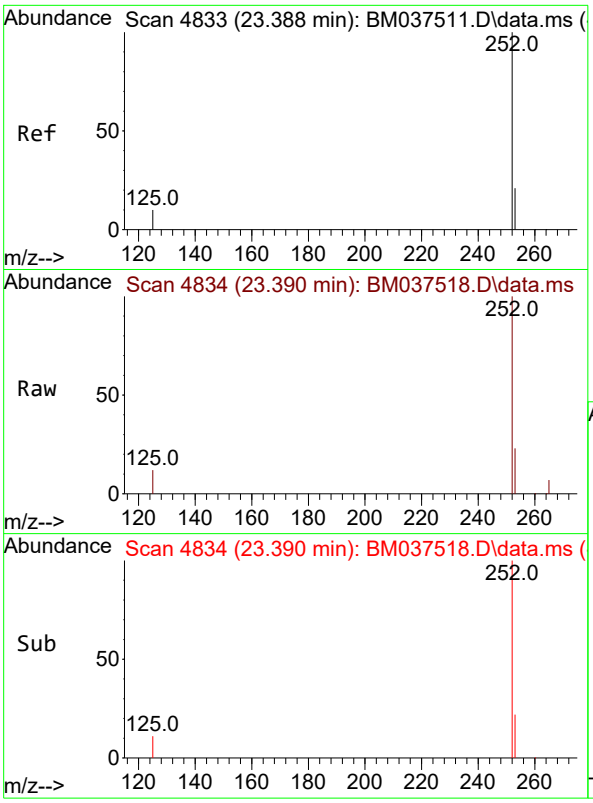


#22
Chrysene
Concen: 0.449 ng/ul
RT: 21.695 min Scan# 4254
Delta R.T. 0.002 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:228 Resp: 32283

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.7	15.5	23.3



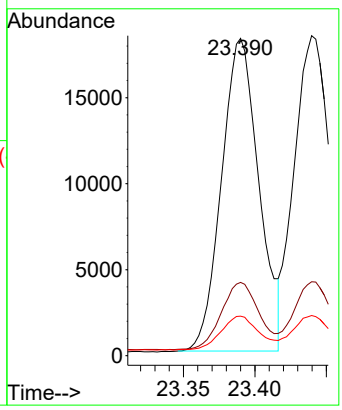


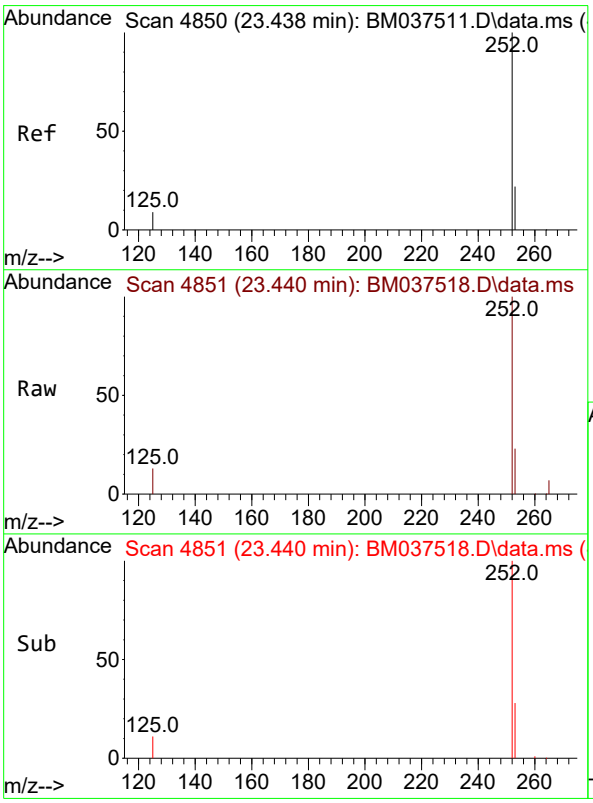
#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 23.390 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 33054

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	46.2
125	12.5	0.0	23.4

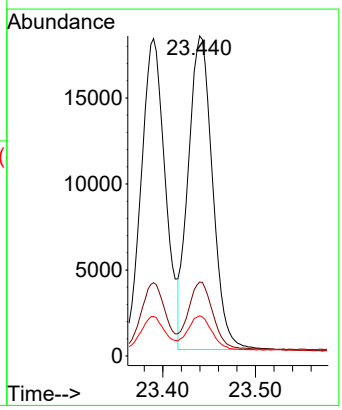


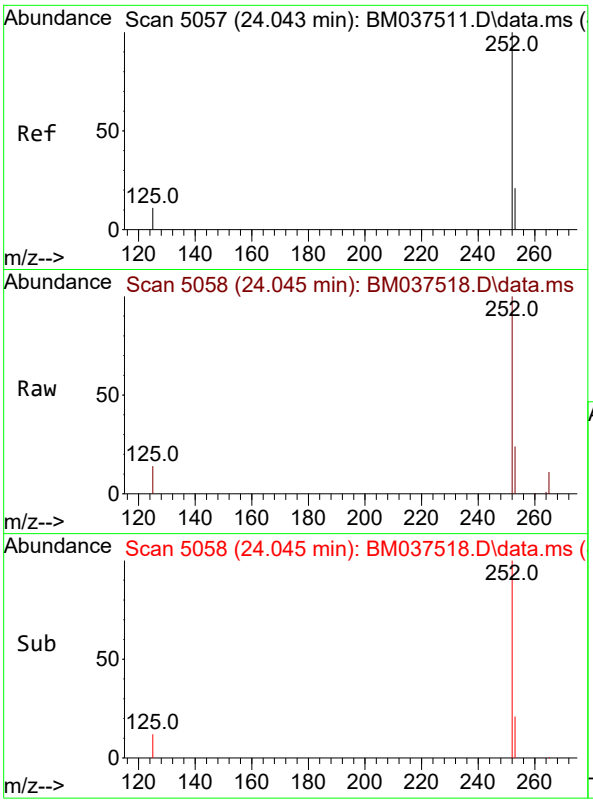


#25
Benzo(k)fluoranthene
Concen: 0.455 ng/ul
RT: 23.440 min Scan# 4851
Delta R.T. 0.002 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:252 Resp: 33195

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	12.5	9.8	14.6



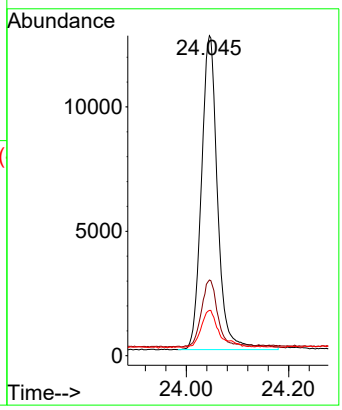


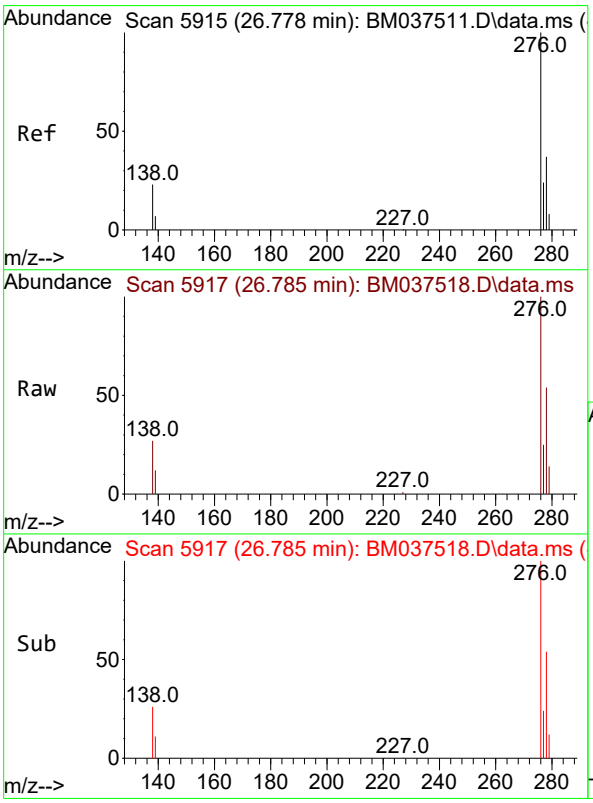
#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 24.045 min Scan# 5
Delta R.T. 0.002 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 27720

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.8	28.2
125	14.1	10.5	15.7

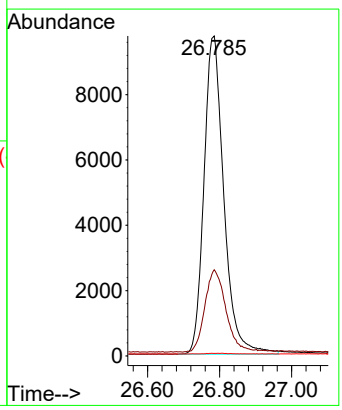


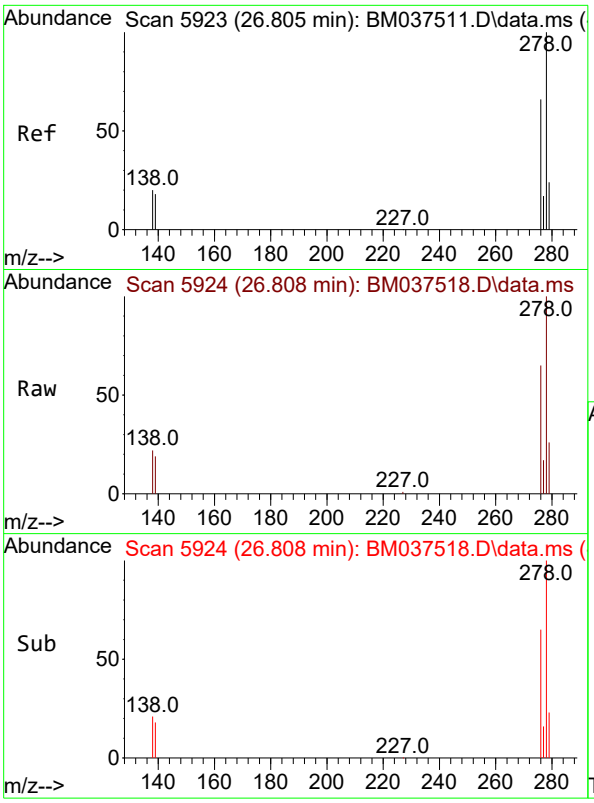


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng/ul
RT: 26.785 min Scan# 5917
Delta R.T. 0.006 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:276 Resp: 37257

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.2	31.8
227	0.1	0.1	0.1#



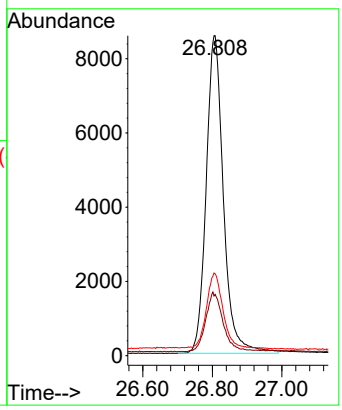


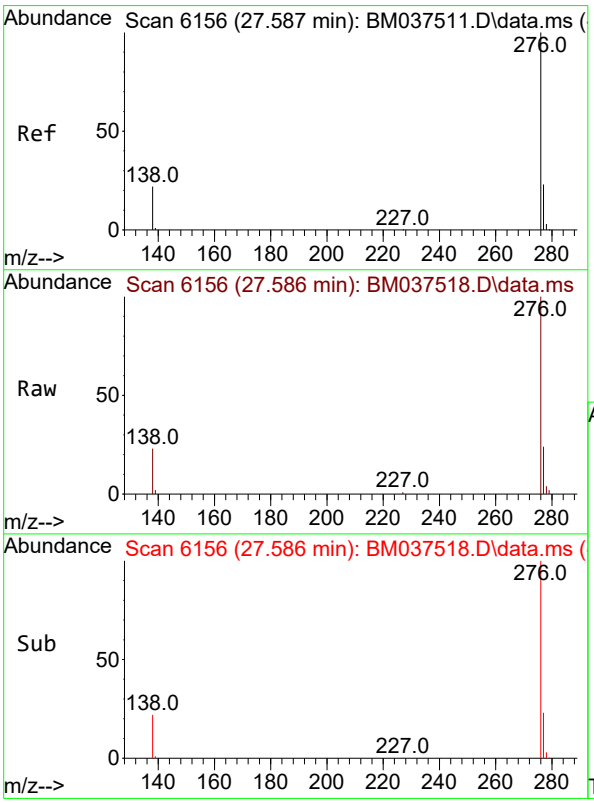
#28
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 26.808 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 29531

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.2	22.8
279	25.6	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 27.586 min Scan# 6156
Delta R.T. -0.001 min
Lab File: BM037518.D
Acq: 17 Nov 2022 09:44

Tgt Ion:276 Resp: 31831

Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.0	28.4
277	24.1	19.4	29.2