Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043051.D
Acq On : 27 Nov 2023 16:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Nov 28 00:22:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	713	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.617	136	2846	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.456	164	1690	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.221	188	3794	0.400	ng/ul	-0.02
17) Chrysene-d12	21.414	240	2187	0.400	ng/ul	0.00
23) Perylene-d12	23.773	264	2423	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	549	0.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	1741	0.457	ng/ul	-0.03
18) Fluoranthene-d10	19.248	212	3655	0.459	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	525	0.447	ng/ul	97
5) Naphthalene	10.667	128	3366	0.435	ng/ul#	89
7) 2-Methylnaphthalene	12.295	142	2074	0.455	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	2276	0.447	ng/ul	99
10) Acenaphthylene	14.187	152	3692	0.428	ng/ul	96
11) Acenaphthene	14.516	153	2816	0.431	ng/ul	98
12) Fluorene	15.520	166	3036	0.452	ng/ul	95
14) Pentachlorophenol	16.884	266	369	0.359	ng/ul	96
15) Phenanthrene	17.264	178	4520	0.417	ng/ul	96
16) Anthracene	17.365	178	4254	0.415	ng/ul	96
19) Fluoranthene	19.276	202	5732	0.462	ng/ul	97
20) Pyrene	19.648	202	5871	0.445	ng/ul	96
21) Benzo(a)anthracene	21.403	228	3462	0.488	ng/ul	97
22) Chrysene	21.449	228	5275	0.399	ng/ul	98
24) Benzo(b)fluoranthene	23.039	252	3810	0.466	ng/ul	92
25) Benzo(k)fluoranthene	23.086	252	5205	0.462	ng/ul	95
26) Benzo(a)pyrene	23.674	252	4009	0.449	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.221	276	5226	0.433	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.238	278	4069	0.436	ng/ul	89
29) Benzo(g,h,i)perylene	26.989	276	4884	0.416	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043051.D
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Misc :
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Instrument :
BNA_P
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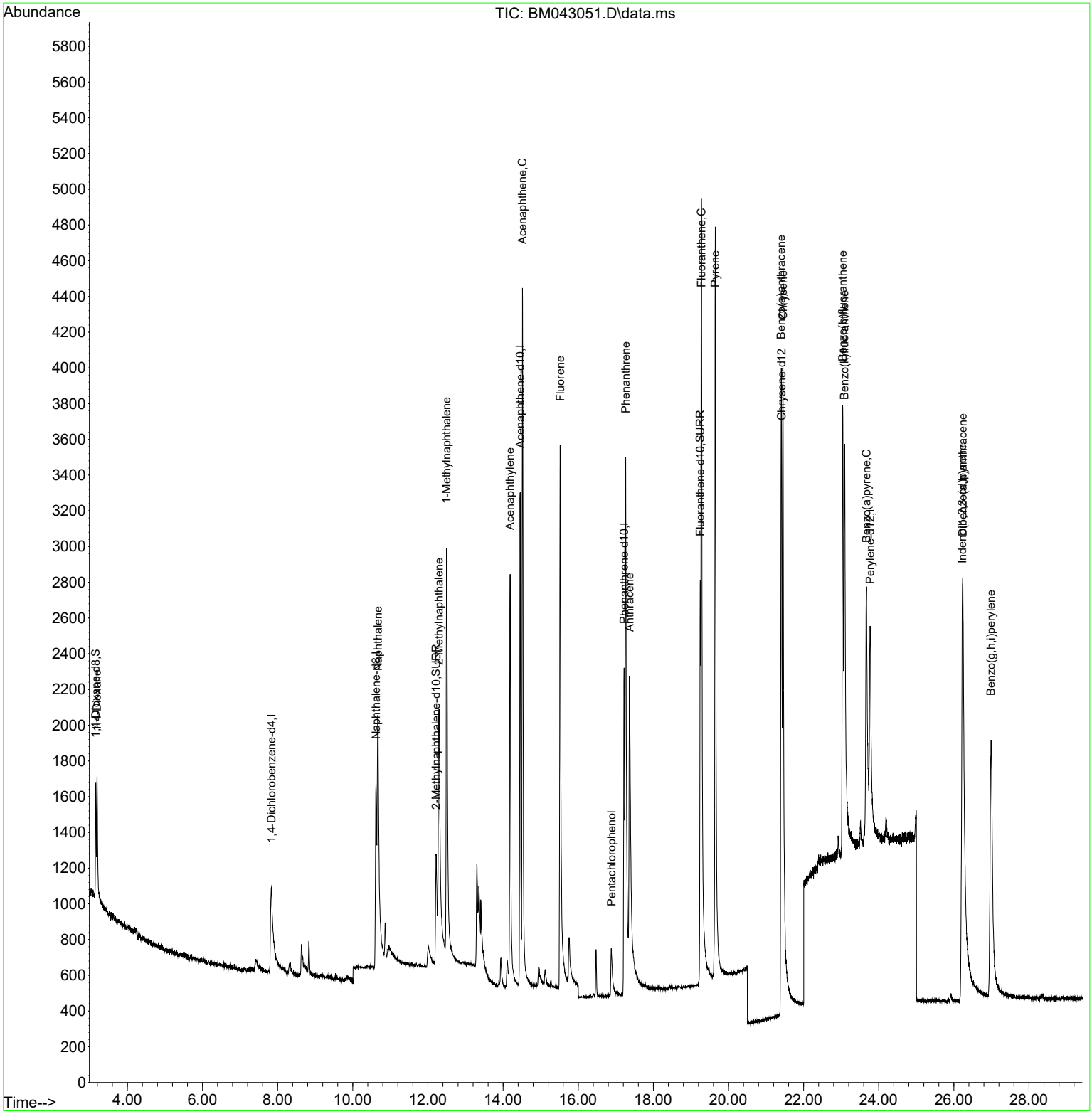
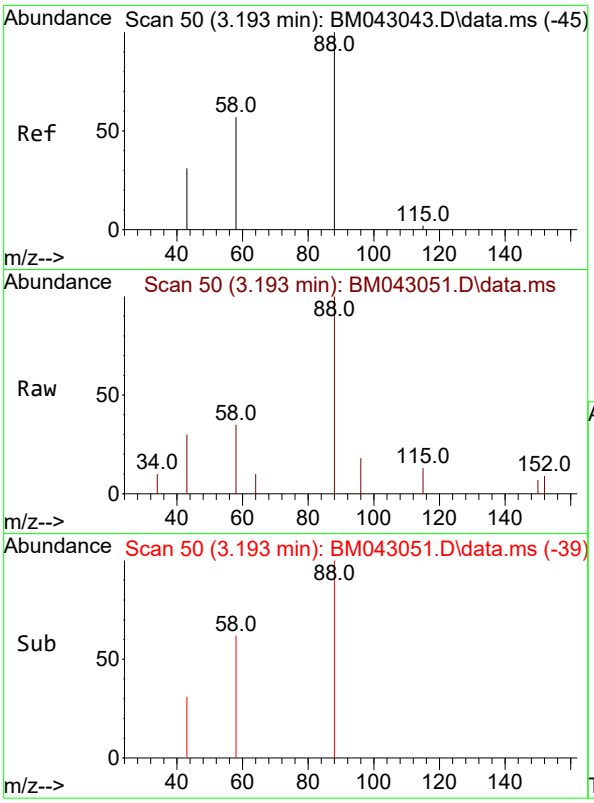
Quant Time: Nov 28 00:22:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration



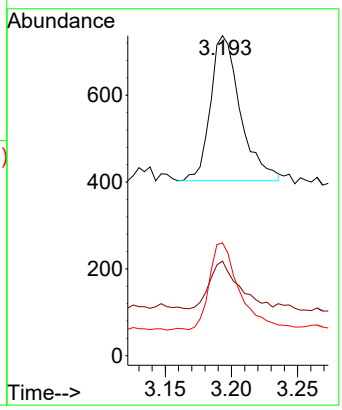


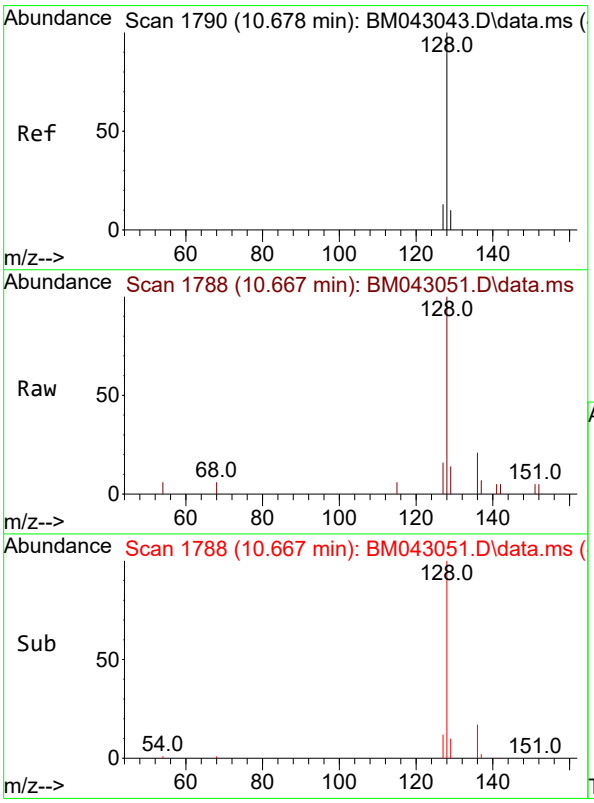
#2
1,4-Dioxane
Concen: 0.447 ng/ul
RT: 3.193 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 88 Resp: 525

Ion	Ratio	Lower	Upper
88	100		
43	29.6	22.8	34.2
58	35.3	26.8	40.2

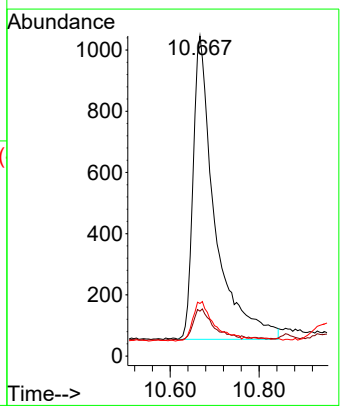


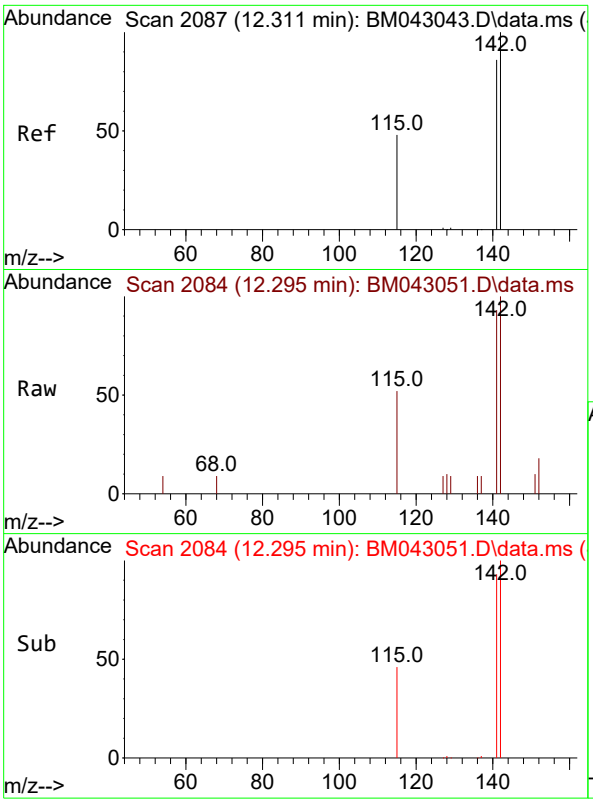


#5
Naphthalene
Concen: 0.435 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.032 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:128 Resp: 3366

Ion	Ratio	Lower	Upper
128	100		
129	14.1	16.0	24.0#
127	16.4	16.5	24.7#



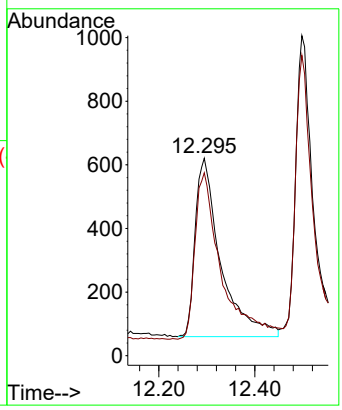


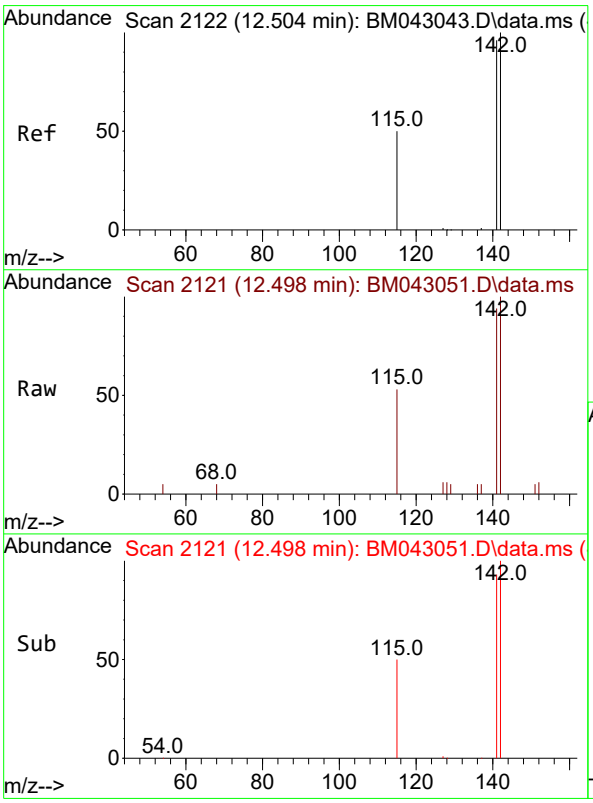
#7
2-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.295 min Scan# 2
Delta R.T. -0.037 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 2074

Ion	Ratio	Lower	Upper
142	100		
141	97.5	76.1	114.1

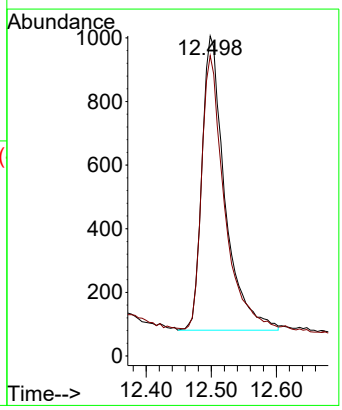


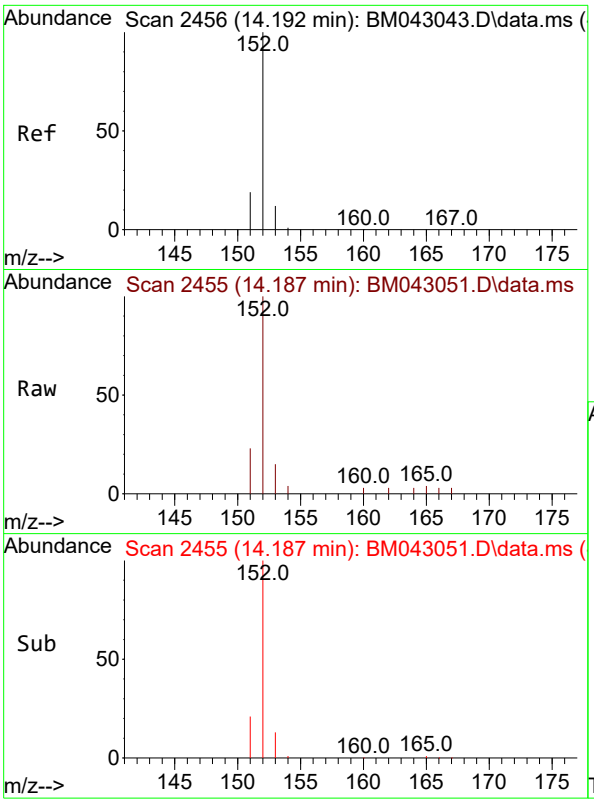


#8
1-Methylnaphthalene
Concen: 0.447 ng/ul
RT: 12.498 min Scan# 2121
Delta R.T. -0.021 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:142 Resp: 2276

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.8	110.8



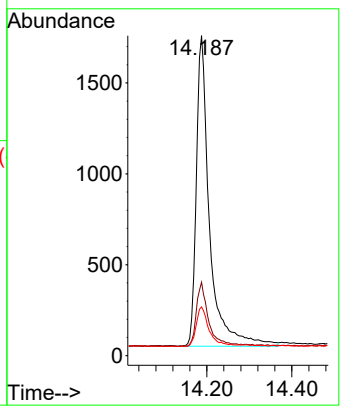


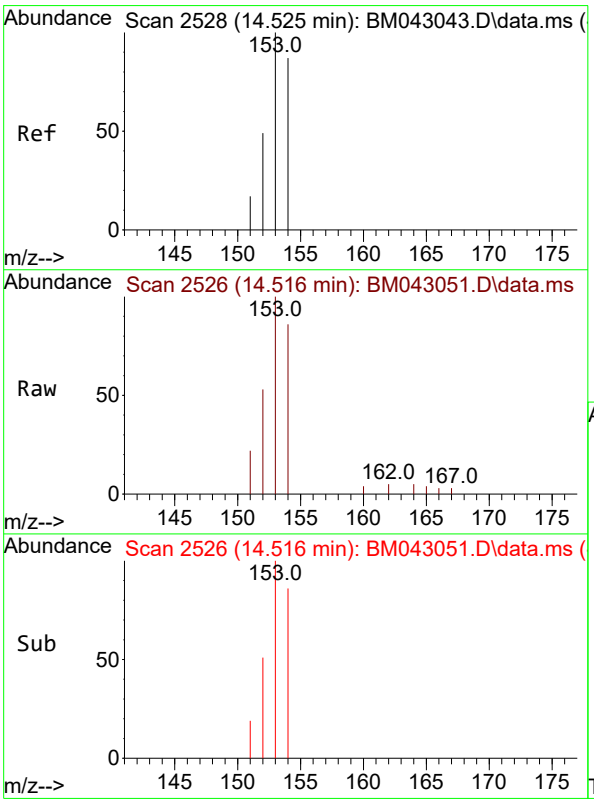
#10
Acenaphthylene
Concen: 0.428 ng/ul
RT: 14.187 min Scan# 24
Delta R.T. -0.017 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 3692

Ion	Ratio	Lower	Upper
152	100		
151	23.0	19.4	29.0
153	15.2	14.6	21.8

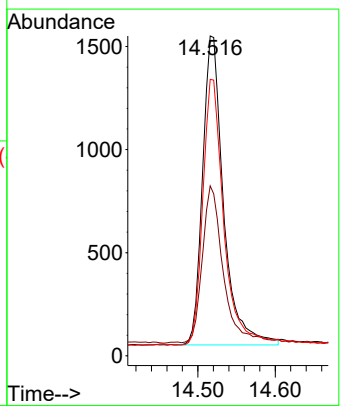


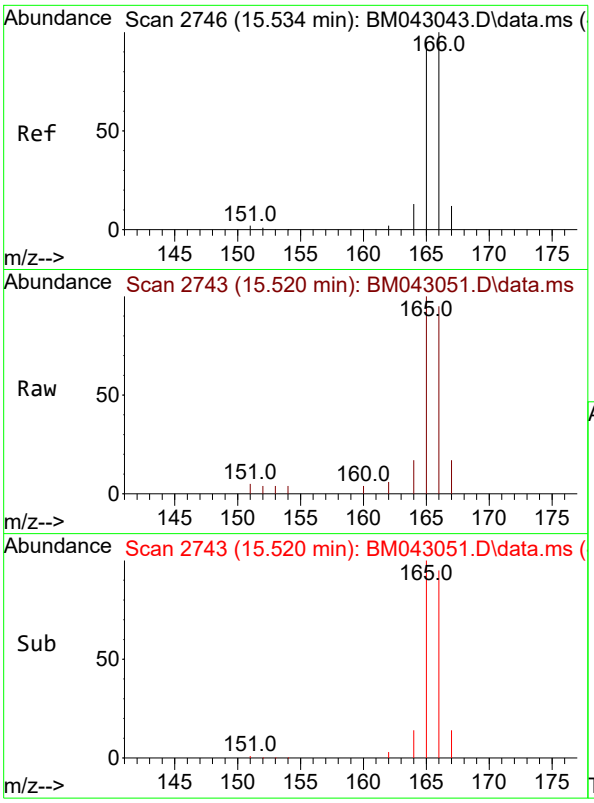


#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.017 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:153 Resp: 2816

Ion	Ratio	Lower	Upper
153	100		
152	53.1	43.9	65.9
154	86.5	70.6	105.8



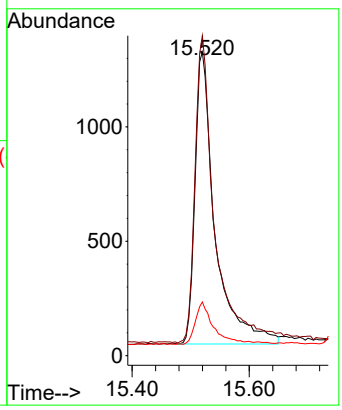


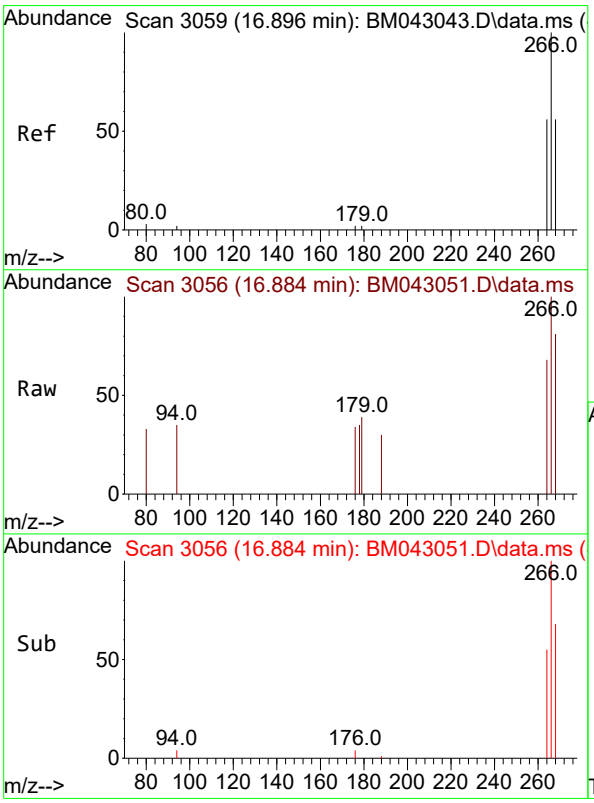
#12
Fluorene
Concen: 0.452 ng/ul
RT: 15.520 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 3036

Ion	Ratio	Lower	Upper
166	100		
165	105.3	79.9	119.9
167	17.7	14.2	21.4

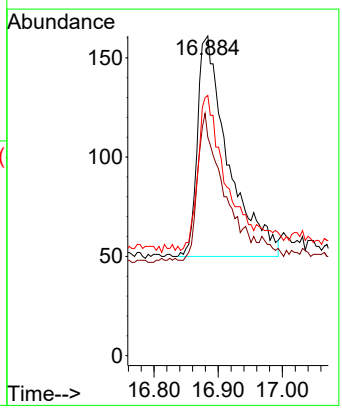


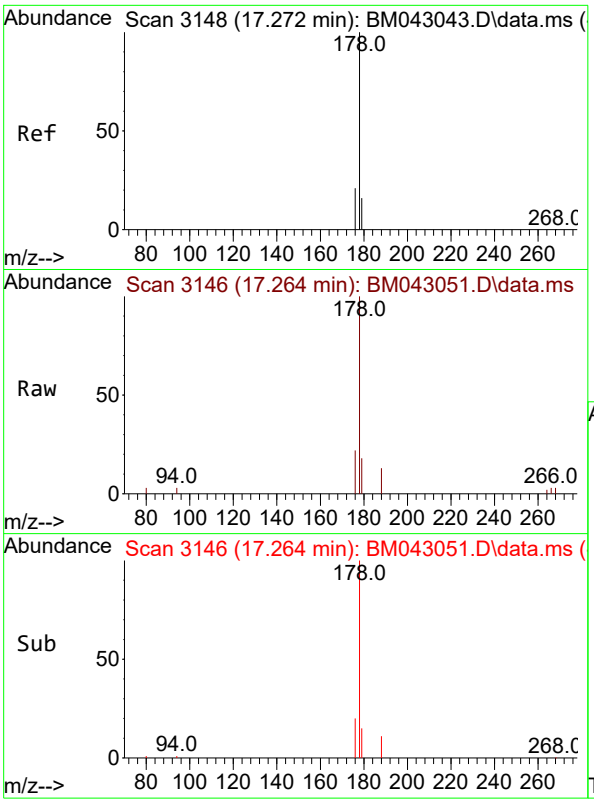


#14
Pentachlorophenol
Concen: 0.359 ng/ul
RT: 16.884 min Scan# 3056
Delta R.T. -0.028 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:266 Resp: 369

Ion	Ratio	Lower	Upper
266	100		
264	61.8	48.8	73.2
268	70.2	51.8	77.6



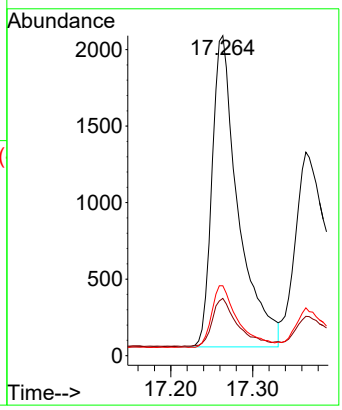


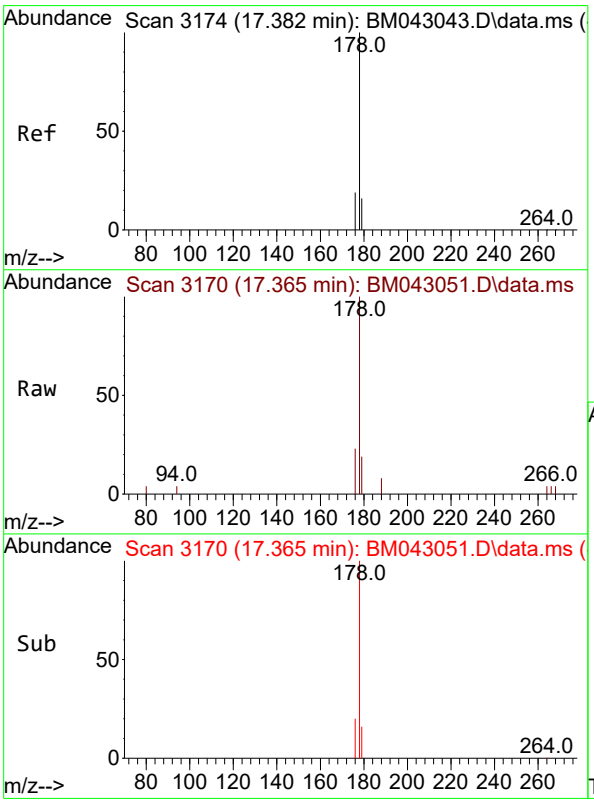
#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 17.264 min Scan# 3
Delta R.T. -0.016 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 4520

Ion	Ratio	Lower	Upper
178	100		
179	17.9	15.7	23.5
176	21.9	18.9	28.3

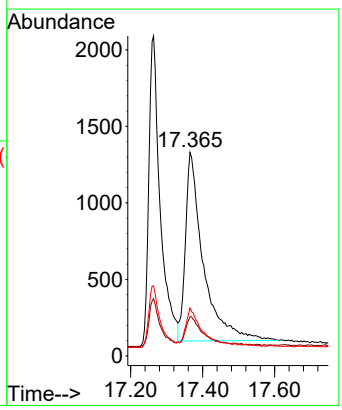


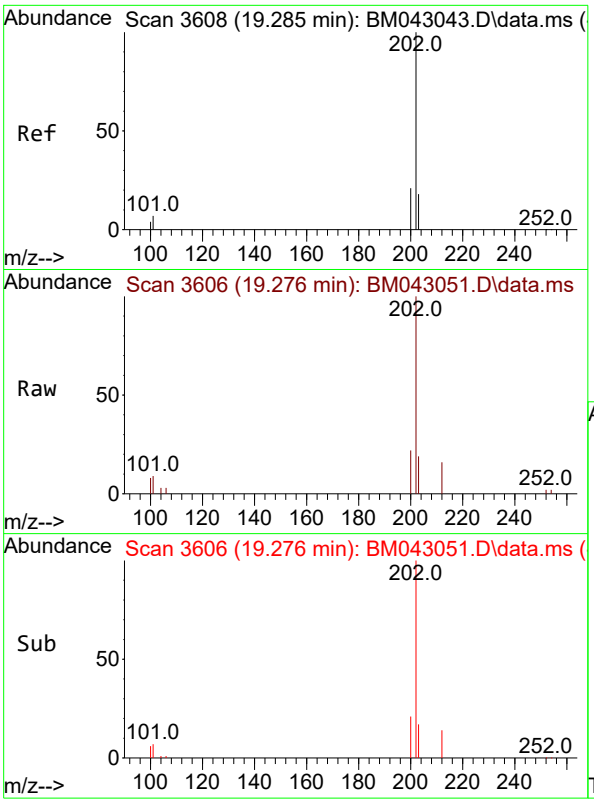


#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.365 min Scan# 3170
Delta R.T. -0.028 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:178 Resp: 4254

Ion	Ratio	Lower	Upper
178	100		
179	19.3	17.3	25.9
176	23.5	20.5	30.7



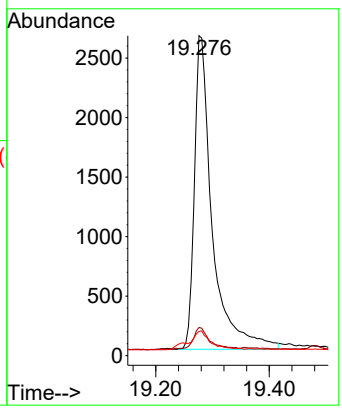


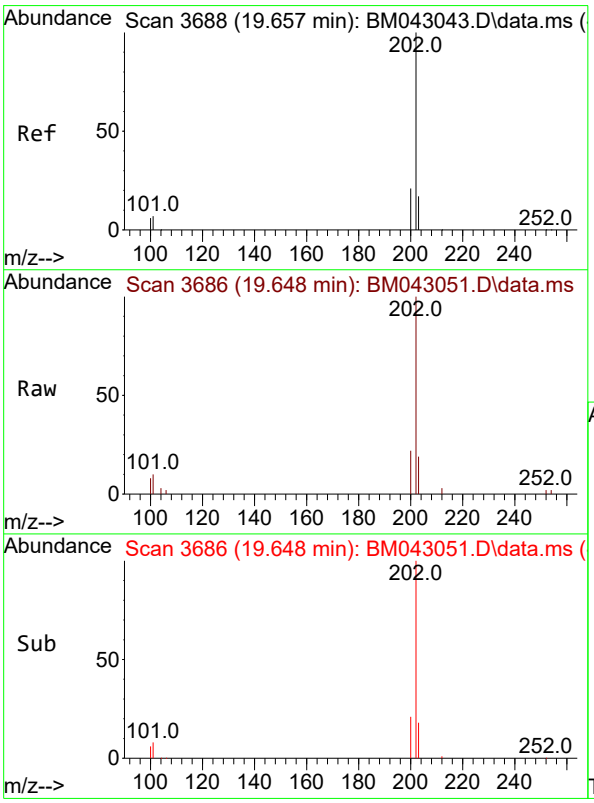
#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.276 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 5732

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.8	11.8
100	7.6	7.1	10.7

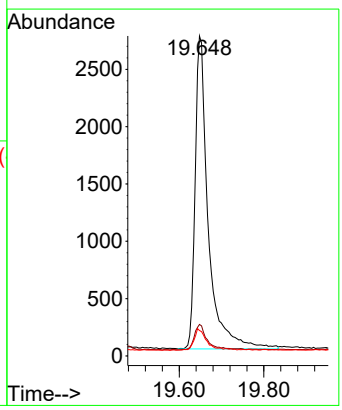


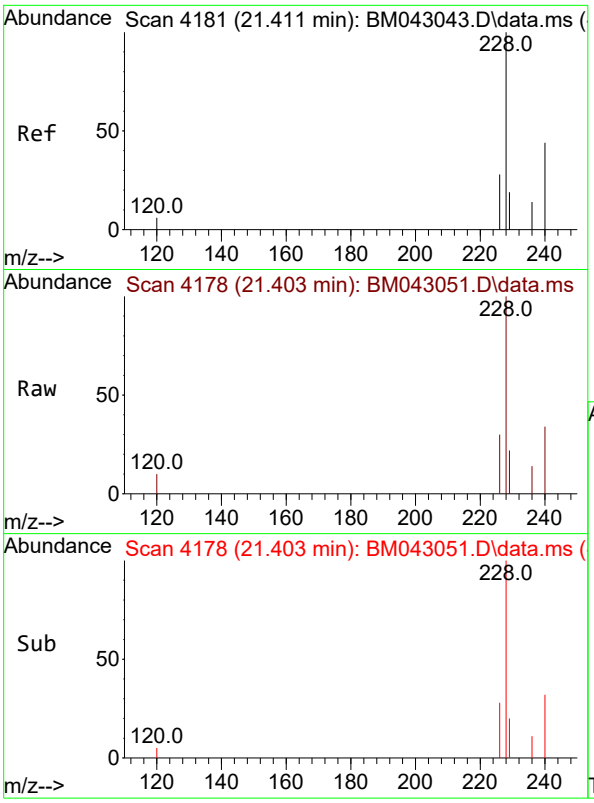


#20
Pyrene
Concen: 0.445 ng/ul
RT: 19.648 min Scan# 3686
Delta R.T. -0.013 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:202 Resp: 5871

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.7	13.1
100	8.0	7.8	11.8



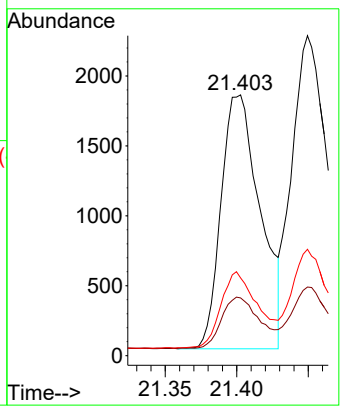


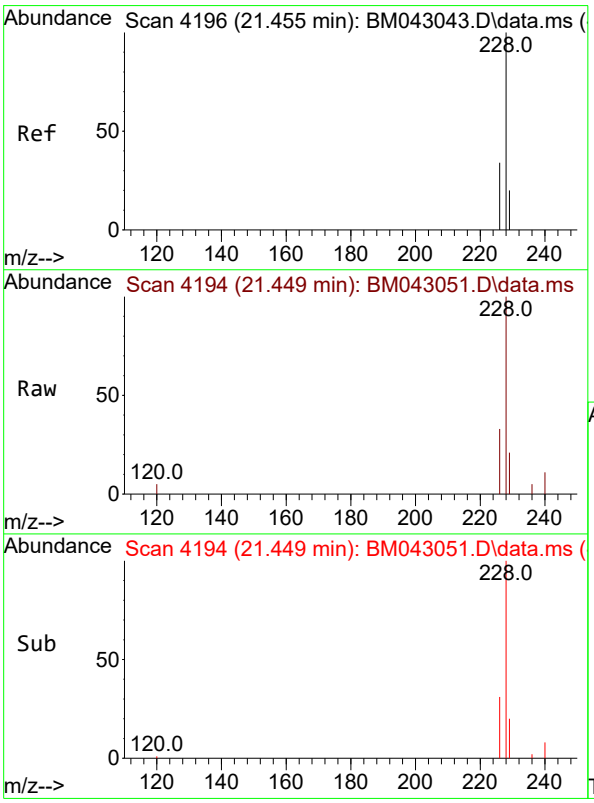
#21
Benzo(a)anthracene
Concen: 0.488 ng/ul
RT: 21.403 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 3462

Ion	Ratio	Lower	Upper
228	100		
229	22.1	19.4	29.0
226	29.8	24.9	37.3

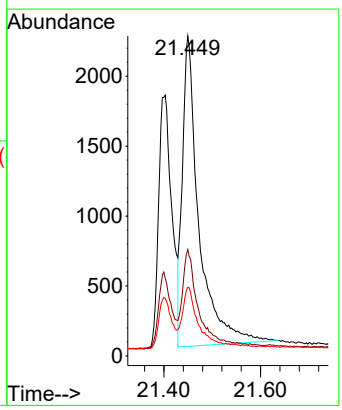


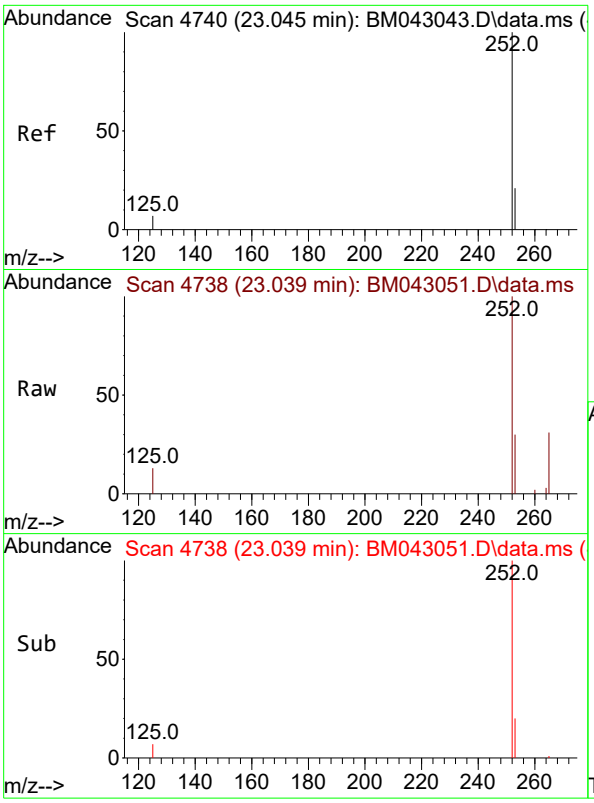


#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.449 min Scan# 4194
Delta R.T. -0.009 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:228 Resp: 5275

Ion	Ratio	Lower	Upper
228	100		
226	33.3	27.2	40.8
229	21.4	18.0	27.0



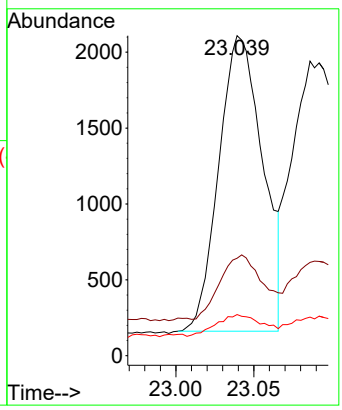


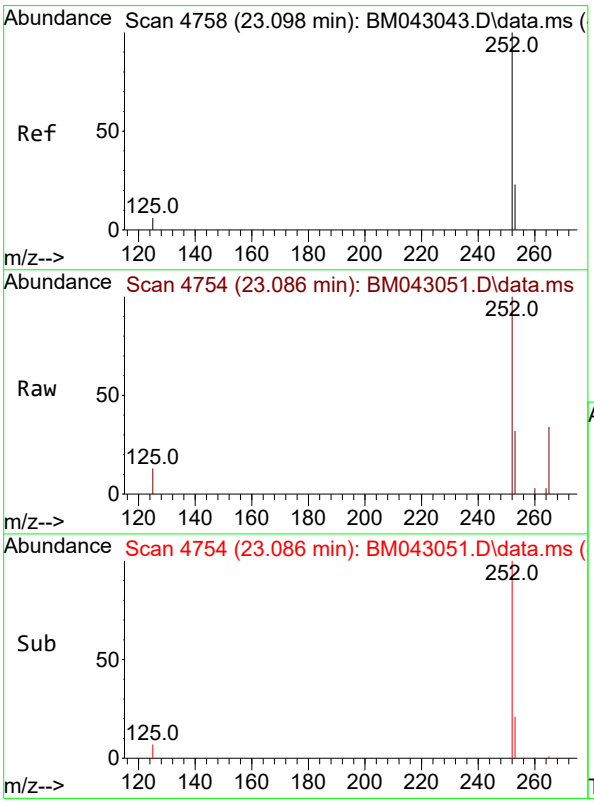
#24
Benzo(b)fluoranthene
Concen: 0.466 ng/ul
RT: 23.039 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3810

Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	71.8
125	12.8	0.0	29.0

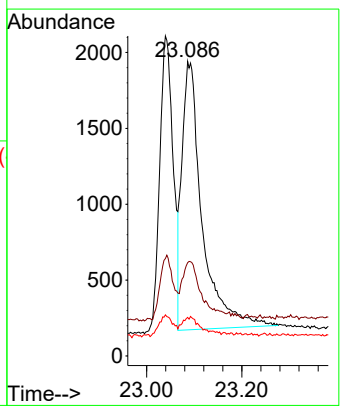


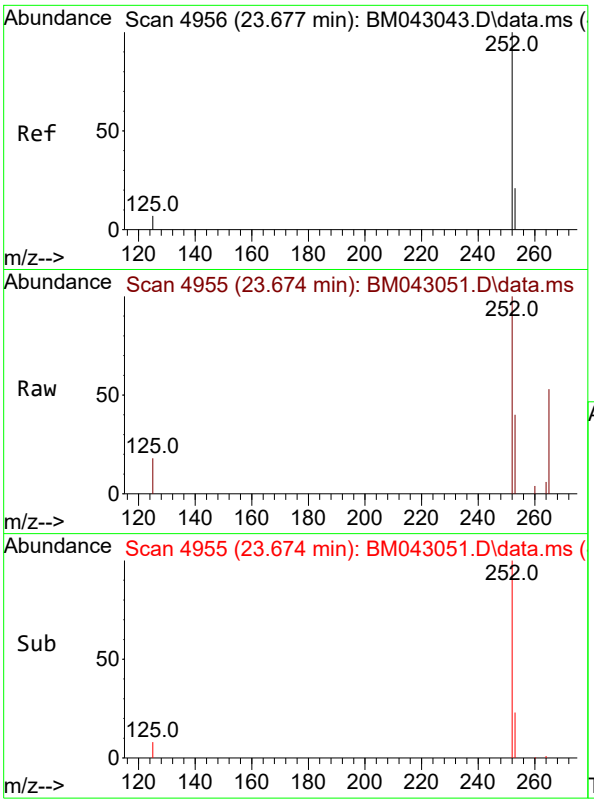


#25
Benzo(k)fluoranthene
Concen: 0.462 ng/ul
RT: 23.086 min Scan# 4754
Delta R.T. -0.012 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:252 Resp: 5205

Ion	Ratio	Lower	Upper
252	100		
253	31.7	28.2	42.2
125	13.1	11.0	16.6



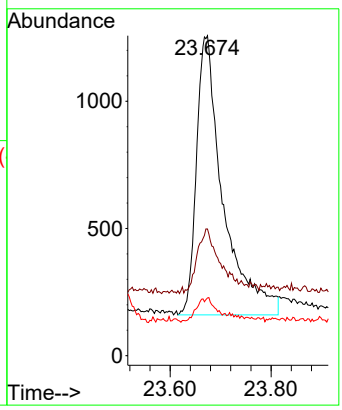


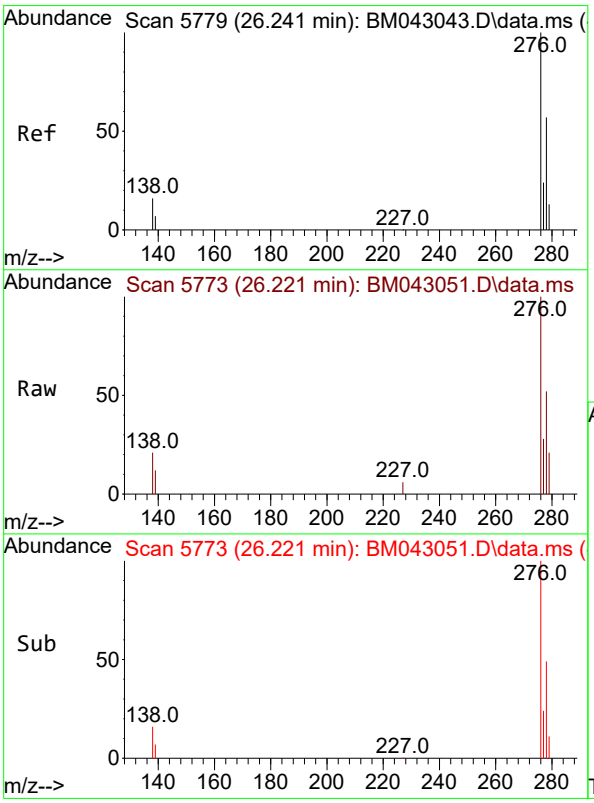
#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.674 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 4009

Ion	Ratio	Lower	Upper
252	100		
253	39.6	36.6	55.0
125	18.0	16.2	24.4

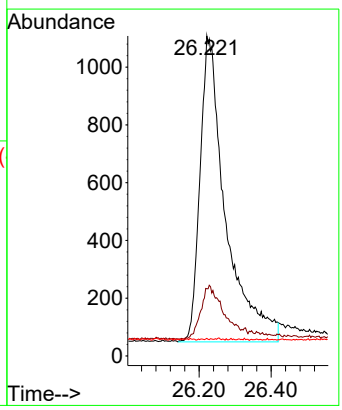


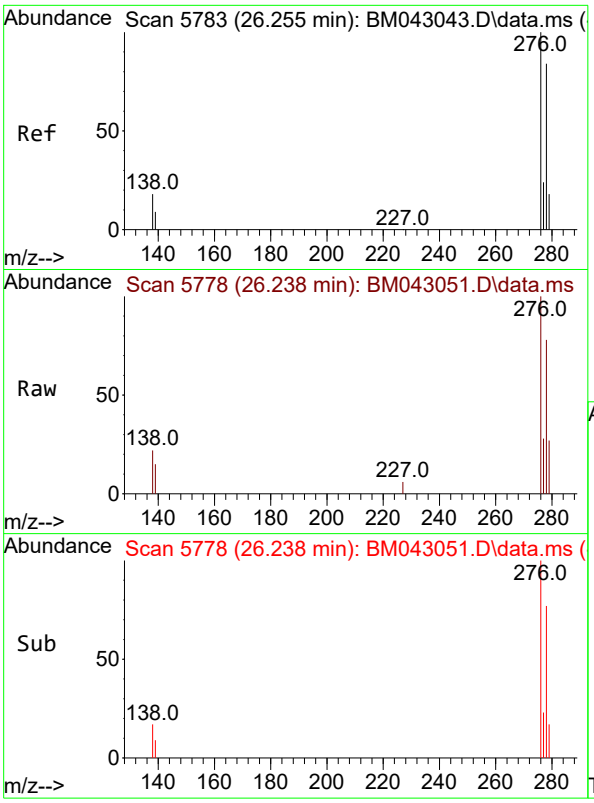


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng/ul
RT: 26.221 min Scan# 5773
Delta R.T. -0.017 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:276 Resp: 5226

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



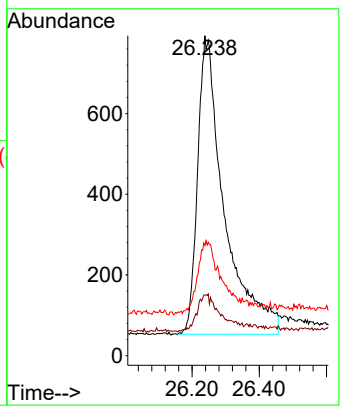


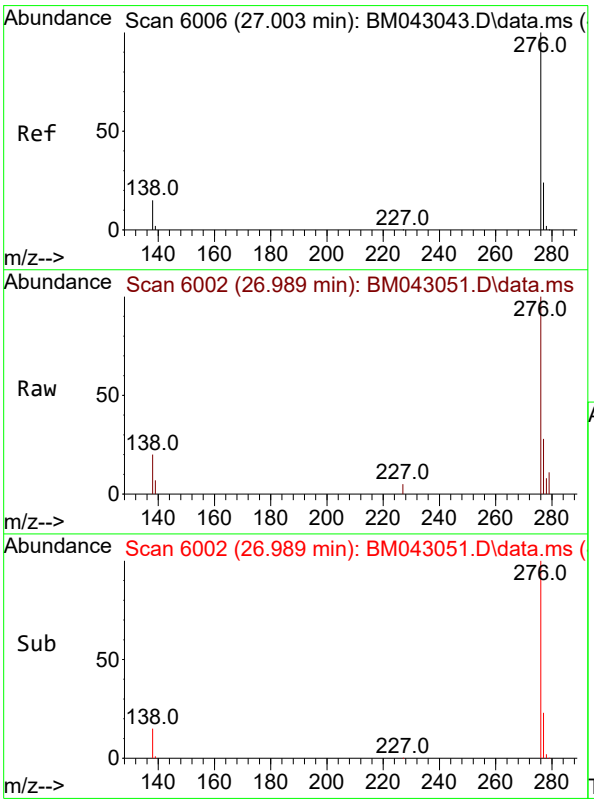
#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 26.238 min Scan# 5
Delta R.T. -0.037 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 4069

Ion	Ratio	Lower	Upper
278	100		
139	18.9	18.1	27.1
279	34.4	34.4	51.6





#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 26.989 min Scan# 6002
Delta R.T. -0.021 min
Lab File: BM043051.D
Acq: 27 Nov 2023 16:22

Tgt Ion:276 Resp: 4884

Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.8	26.8
277	28.1	23.8	35.8