Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042196.D
Acq On : 04 Oct 2023 21:14
Operator : MA/JU
Sample : 04588-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHT7

Quant Time: Oct 05 01:55:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4023	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.746	136	7491	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	5454	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.329	188	8053	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.504	240	4999	0.400	ng/ul	-0.01
23) Perylene-d12	23.901	264	5223	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	14387	2.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	1929	0.188	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	1541	0.082	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	825	0.147	ng/ul#	69
5) Naphthalene	10.796	128	181963	7.281	ng/ul#	88
7) 2-Methylnaphthalene	12.401	142	426088	28.475	ng/ul	98
8) 1-Methylnaphthalene	12.621	142	413020	27.402	ng/ul	100
10) Acenaphthylene	14.291	152	8649	0.251	ng/ul#	1
11) Acenaphthene	14.643	153	23520	0.902	ng/ul#	77
12) Fluorene	15.628	166	42753	1.455	ng/ul#	91
15) Phenanthrene	17.371	178	69750	2.101	ng/ul#	95
16) Anthracene	17.464	178	4514	0.149	ng/ul#	64
19) Fluoranthene	19.380	202	5824	0.153	ng/ul#	83
20) Pyrene	19.747	202	13675	0.339	ng/ul#	89
21) Benzo(a)anthracene	21.486	228	4124	0.128	ng/ul#	82
22) Chrysene	21.539	228	3593	0.114	ng/ul#	79
24) Benzo(b)fluoranthene	23.164	252	3446	0.112	ng/ul#	39
26) Benzo(a)pyrene	23.792	252	2506	0.094	ng/ul#	39
27) Indeno(1,2,3-cd)pyrene	26.391	276	1844	0.049	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.394	278	1252	0.044	ng/ul#	4
29) Benzo(g,h,i)perylene	27.156	276	2913	0.093	ng/ul#	79

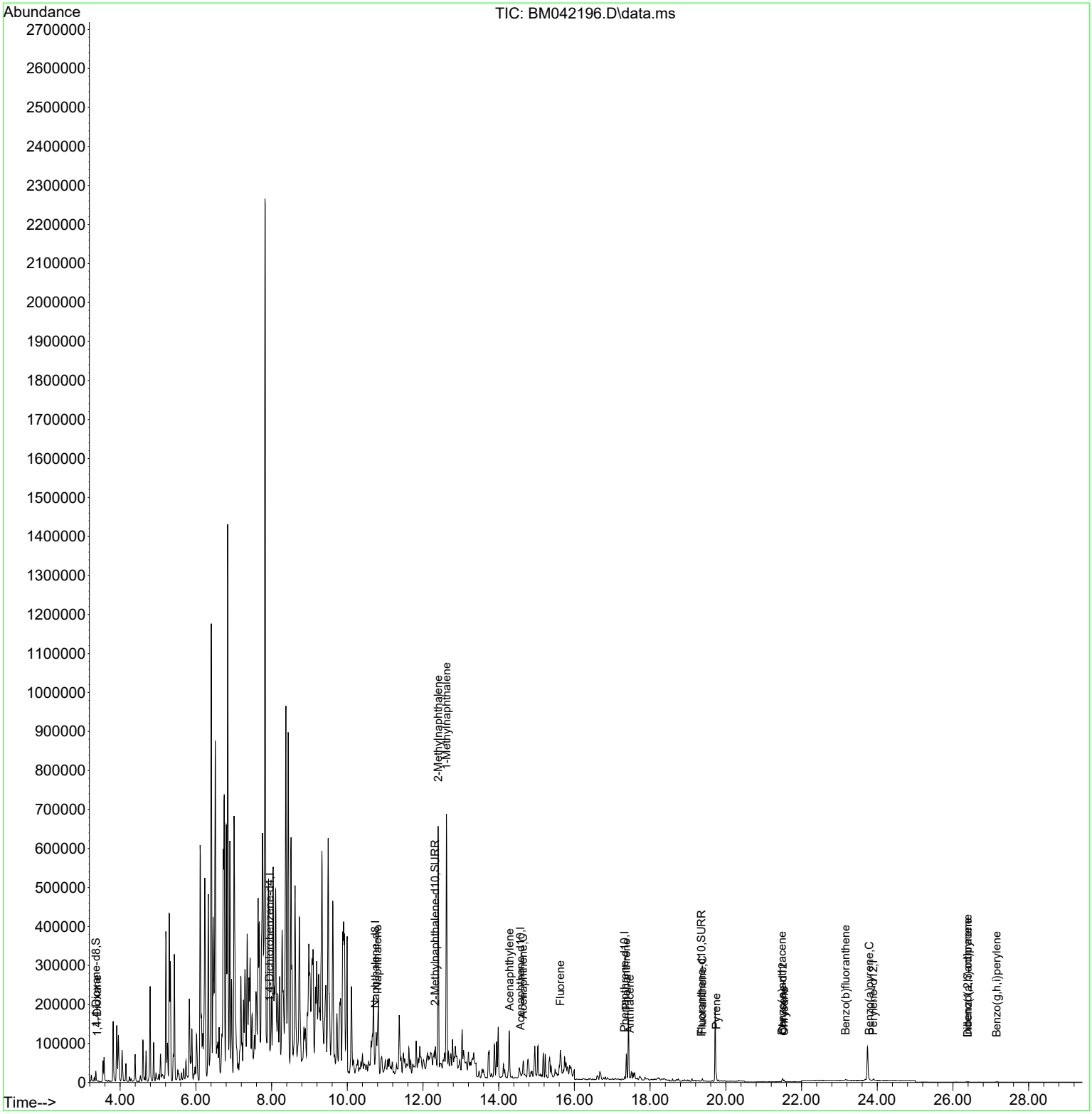
(#) = qualifier out of range (m) = manual integration (+) = signals summed

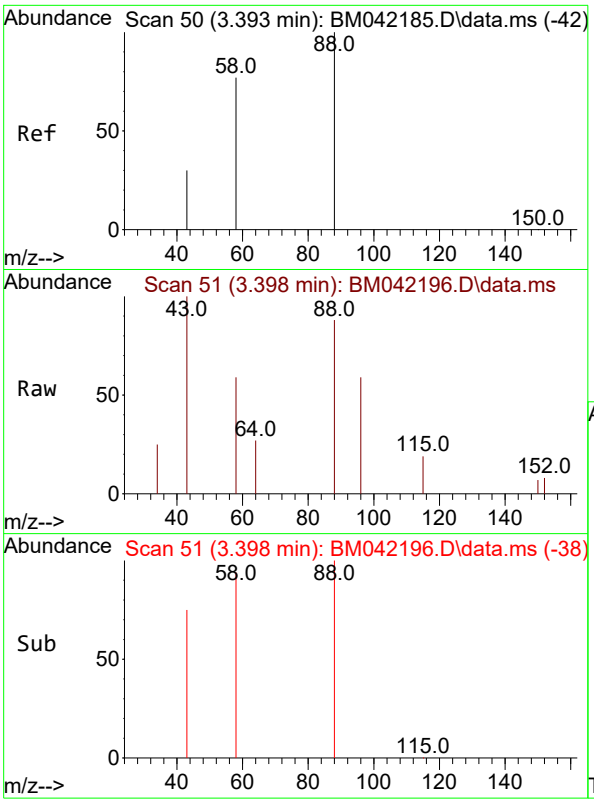
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
Data File : BM042196.D
Acq On : 04 Oct 2023 21:14
Operator : MA/JU
Sample : 04588-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BBHT7

Quant Time: Oct 05 01:55:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
Response via : Initial Calibration



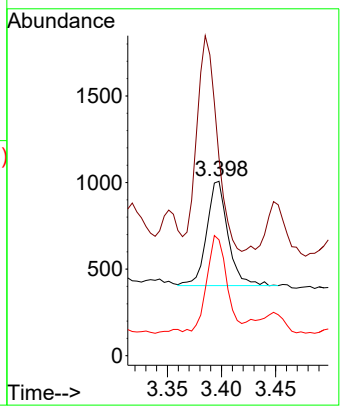


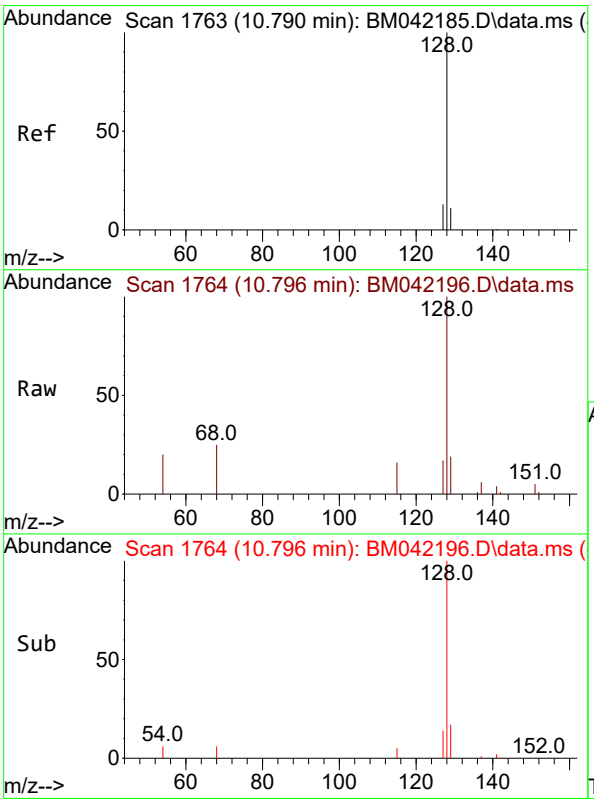
#2
1,4-Dioxane
Concen: 0.147 ng/ul
RT: 3.398 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion: 88 Resp: 825

Ion	Ratio	Lower	Upper
88	100		
43	113.4	52.1	78.1#
58	66.4	53.8	80.6

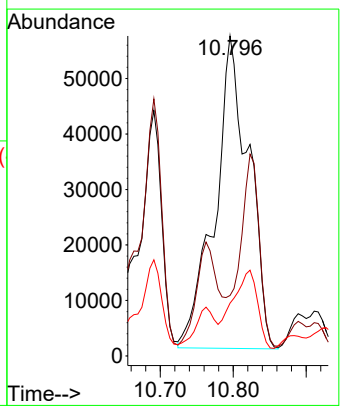


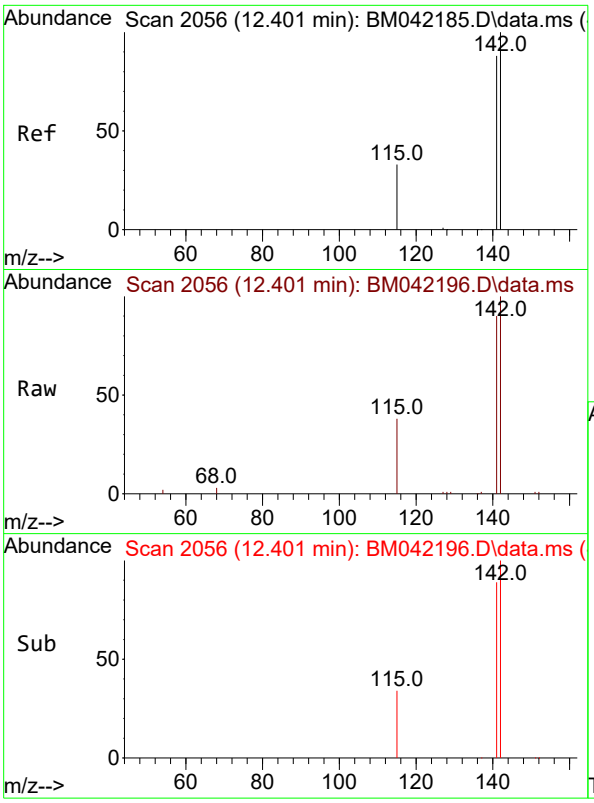


#5
Naphthalene
Concen: 7.281 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:128 Resp: 181963

Ion	Ratio	Lower	Upper
128	100		
129	18.9	9.4	14.2#
127	16.5	11.0	16.4#



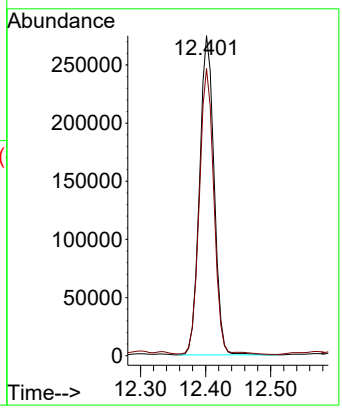


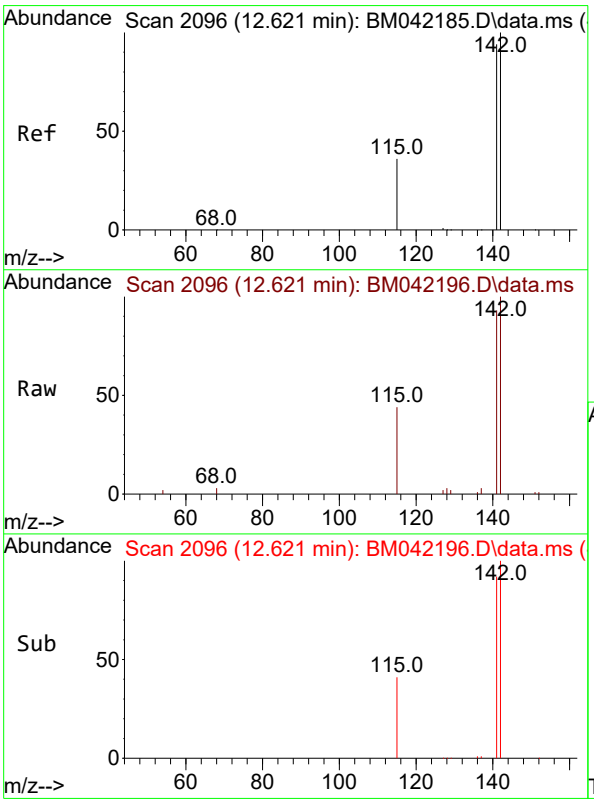
#7
2-Methylnaphthalene
Concen: 28.475 ng/ul
RT: 12.401 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:142 Resp: 426088

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.2	105.4

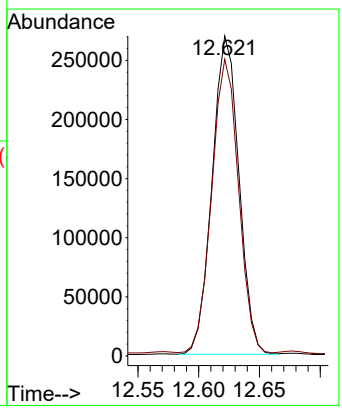


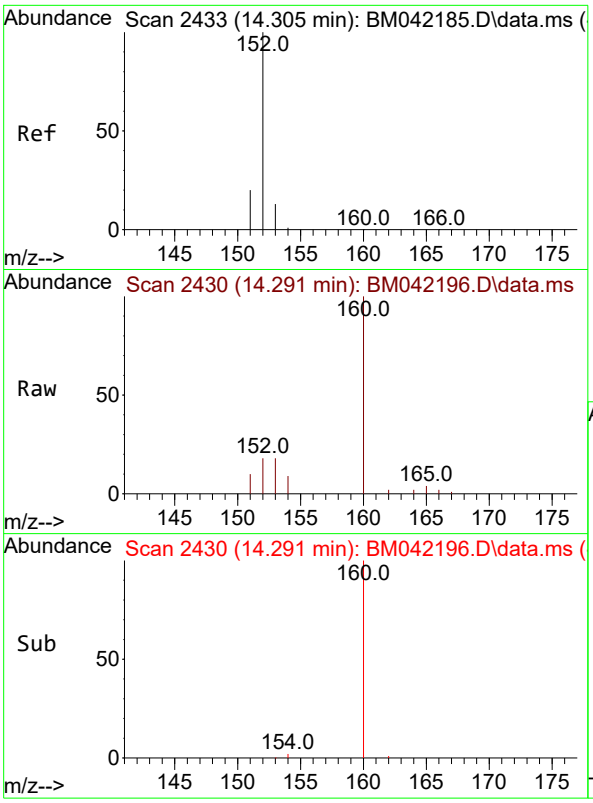


#8
1-Methylnaphthalene
Concen: 27.402 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:142 Resp: 413020

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.5	110.3



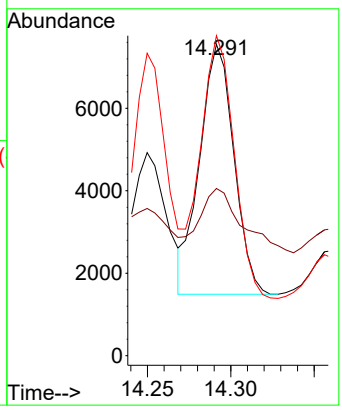


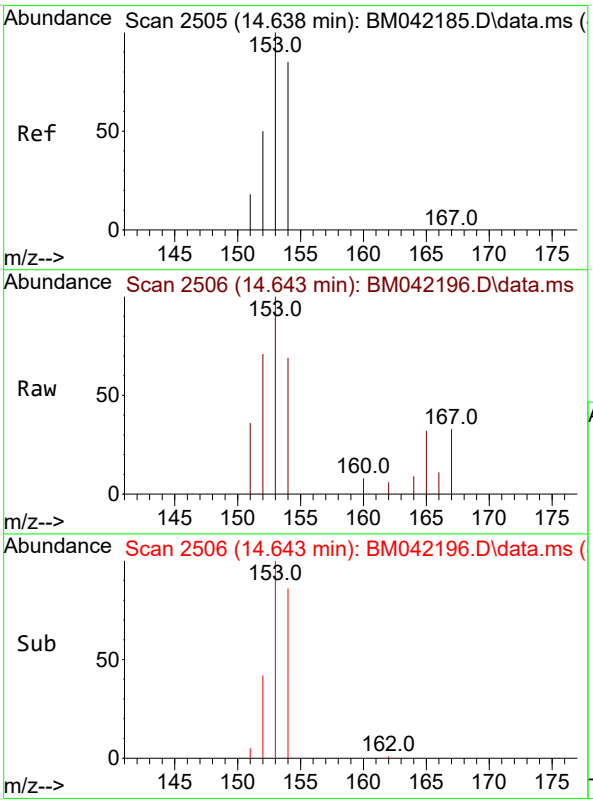
#10
Acenaphthylene
Concen: 0.251 ng/ul
RT: 14.291 min Scan# 24
Delta R.T. -0.023 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:152 Resp: 8649

Ion	Ratio	Lower	Upper
152	100		
151	53.7	16.4	24.6#
153	102.8	10.9	16.3#

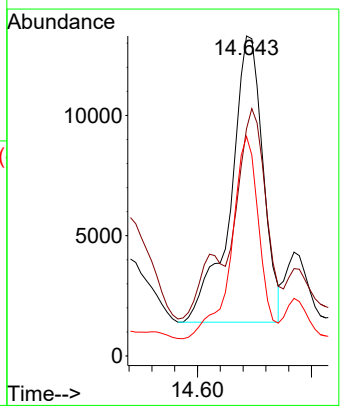


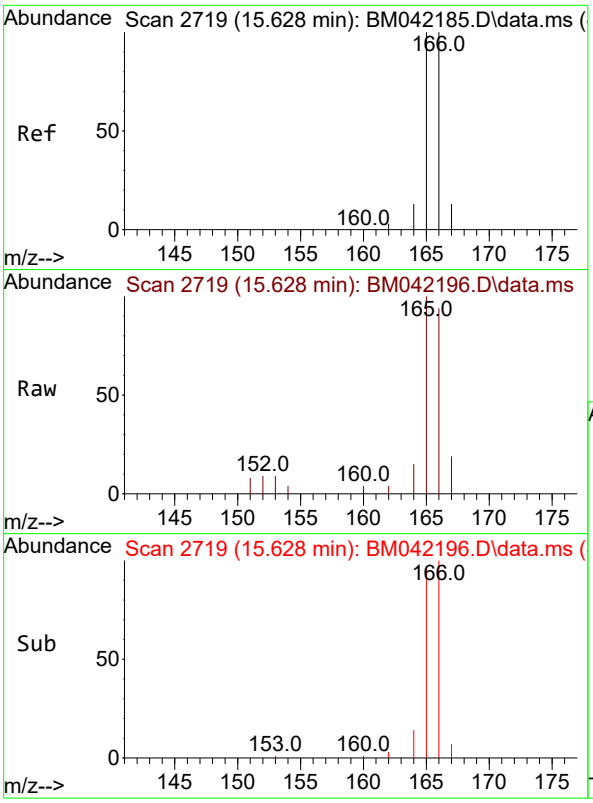


#11
Acenaphthene
Concen: 0.902 ng/ul
RT: 14.643 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:153 Resp: 23520

Ion	Ratio	Lower	Upper
153	100		
152	71.0	41.1	61.7#
154	68.6	69.5	104.3#



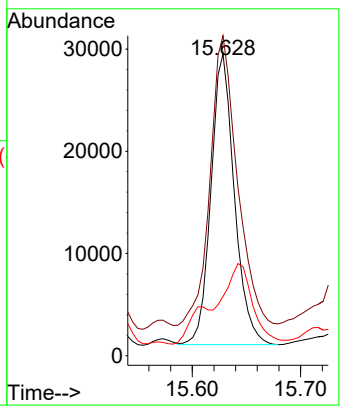


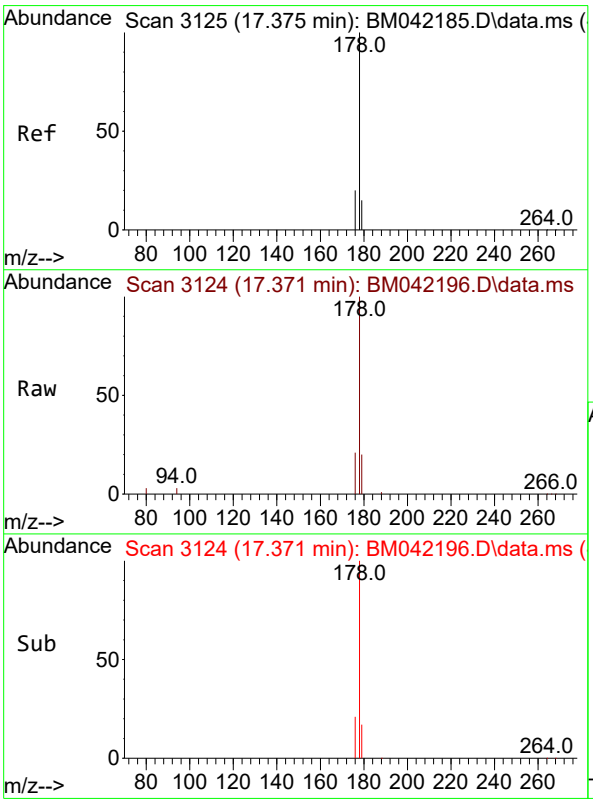
#12
Fluorene
Concen: 1.455 ng/ul
RT: 15.628 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:166 Resp: 42753

Ion	Ratio	Lower	Upper
166	100		
165	106.0	78.4	117.6
167	19.6	11.5	17.3#

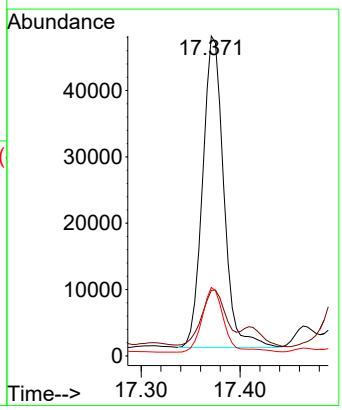


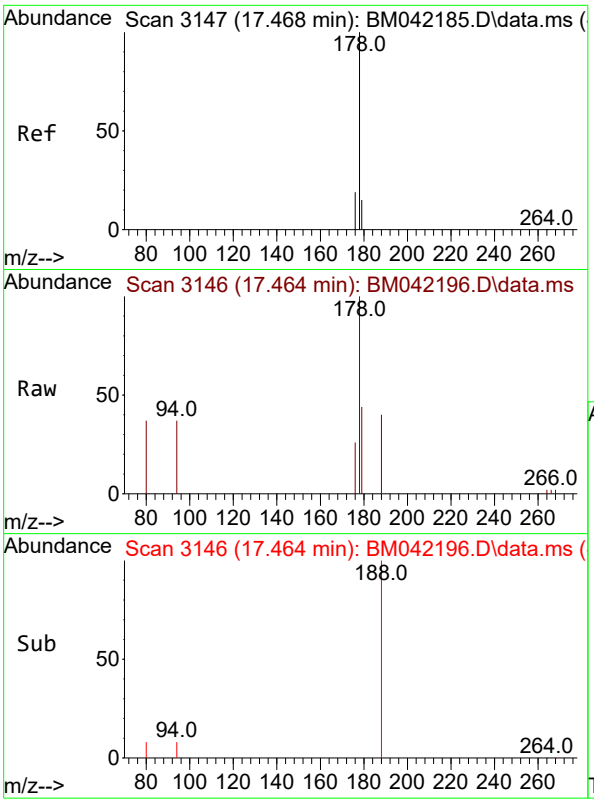


#15
Phenanthrene
Concen: 2.101 ng/ul
RT: 17.371 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:178 Resp: 69750

Ion	Ratio	Lower	Upper
178	100		
179	20.5	13.0	19.4#
176	21.4	16.8	25.2



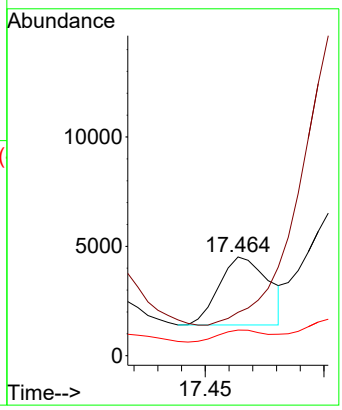


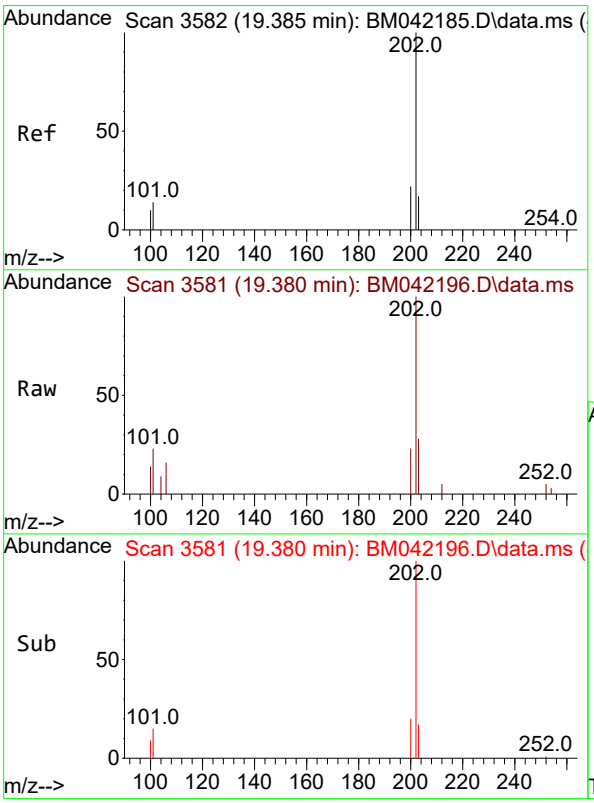
#16
Anthracene
Concen: 0.149 ng/ul
RT: 17.464 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:178 Resp: 4514

Ion	Ratio	Lower	Upper
178	100		
179	43.9	12.9	19.3#
176	26.0	16.3	24.5#

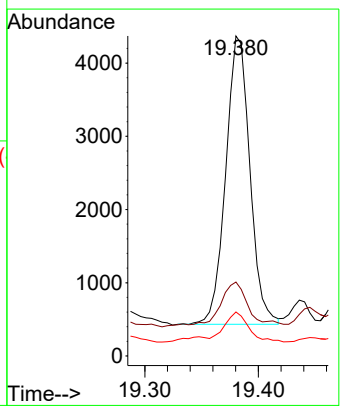


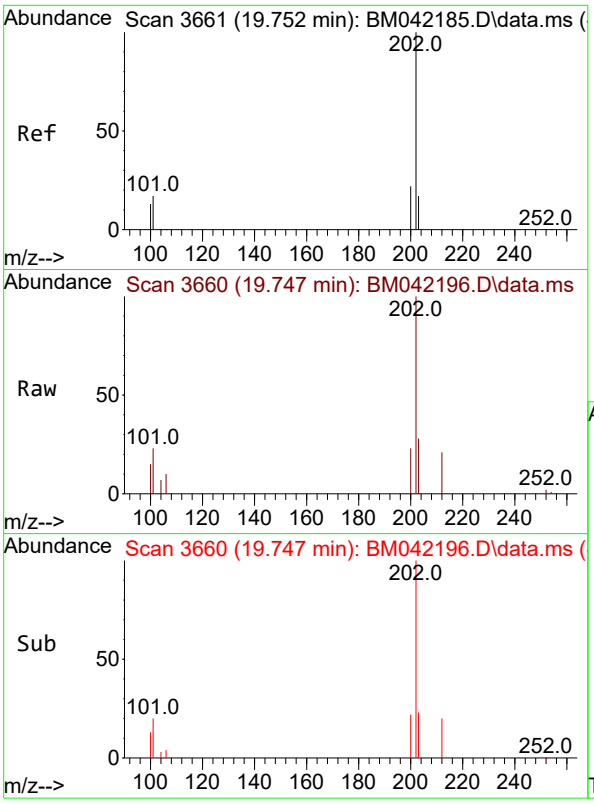


#19
Fluoranthene
Concen: 0.153 ng/ul
RT: 19.380 min Scan# 3581
Delta R.T. -0.014 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:202 Resp: 5824

Ion	Ratio	Lower	Upper
202	100		
101	23.1	11.1	16.7#
100	13.7	8.2	12.2#



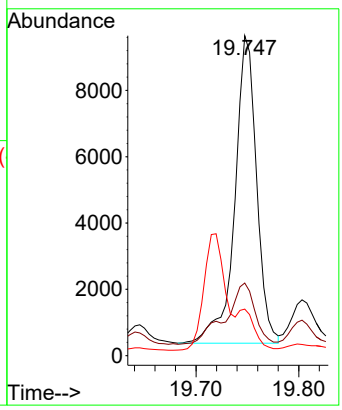


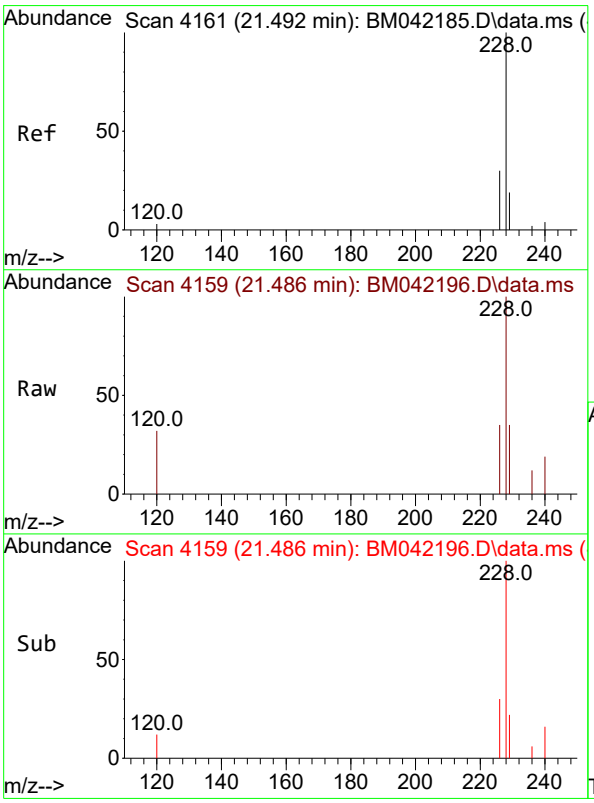
#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.747 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:202 Resp: 13675

Ion	Ratio	Lower	Upper
202	100		
101	22.7	12.7	19.1#
100	14.6	9.9	14.9

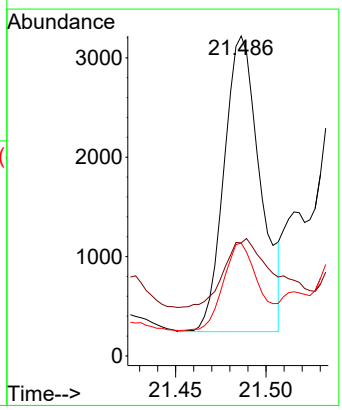


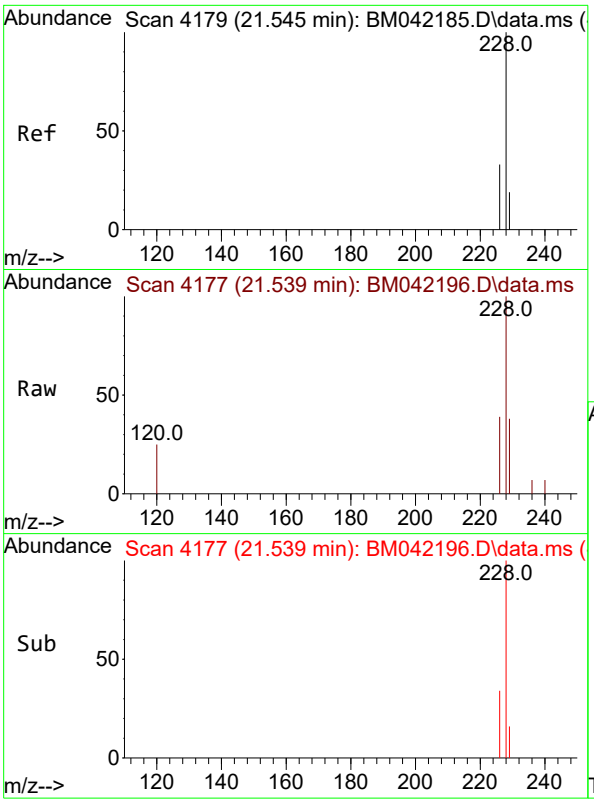


#21
Benzo(a)anthracene
Concen: 0.128 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.012 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:228 Resp: 4124

Ion	Ratio	Lower	Upper
228	100		
229	35.3	15.8	23.8#
226	35.2	24.6	37.0



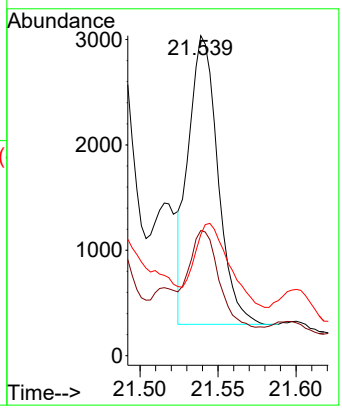


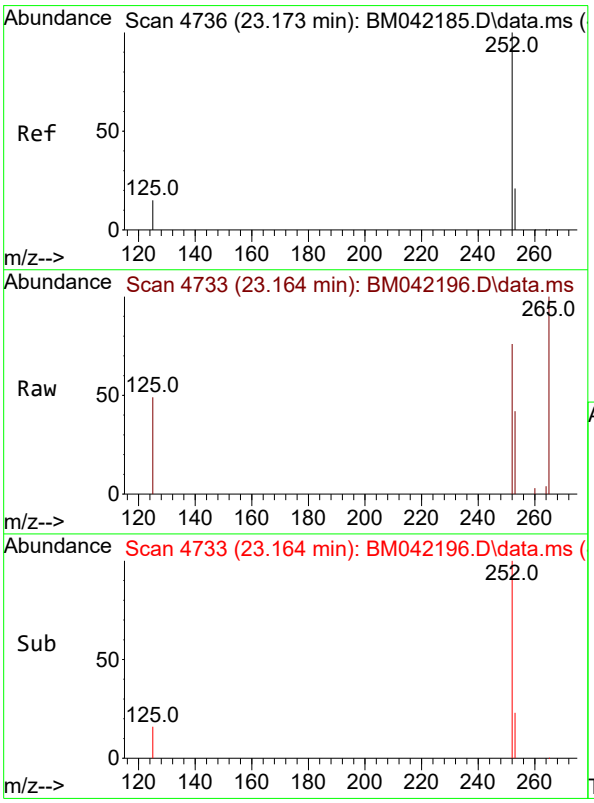
#22
Chrysene
Concen: 0.114 ng/ul
RT: 21.539 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:228 Resp: 3593

Ion	Ratio	Lower	Upper
228	100		
226	39.1	26.7	40.1
229	37.8	15.8	23.8#

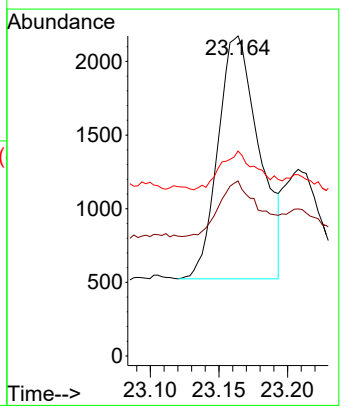


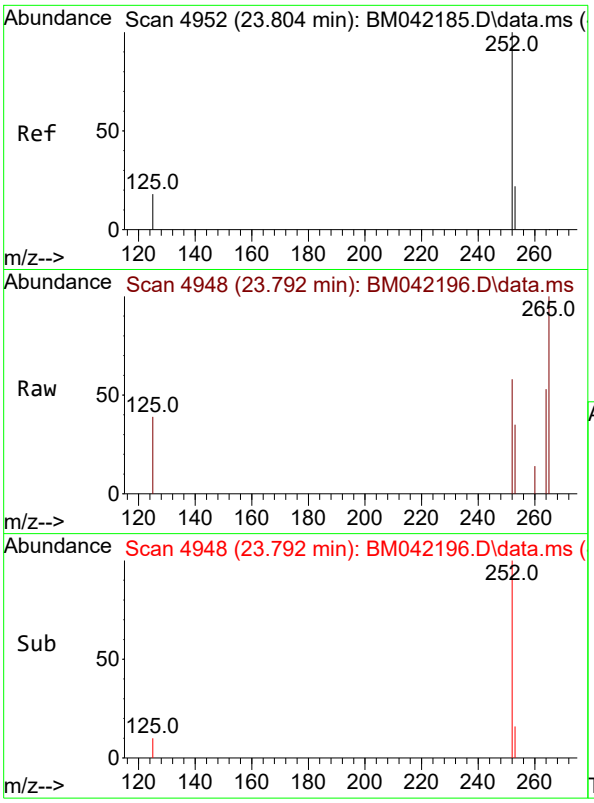


#24
Benzo(b)fluoranthene
Concen: 0.112 ng/ul
RT: 23.164 min Scan# 4733
Delta R.T. -0.015 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:252 Resp: 3446

Ion	Ratio	Lower	Upper
252	100		
253	54.7	0.0	59.0
125	64.1	0.0	49.6#



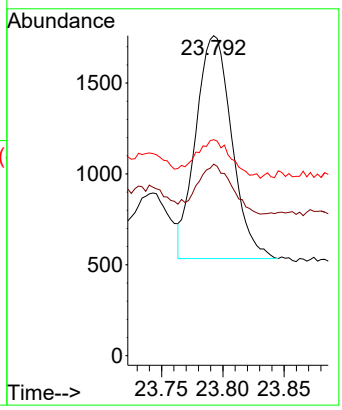


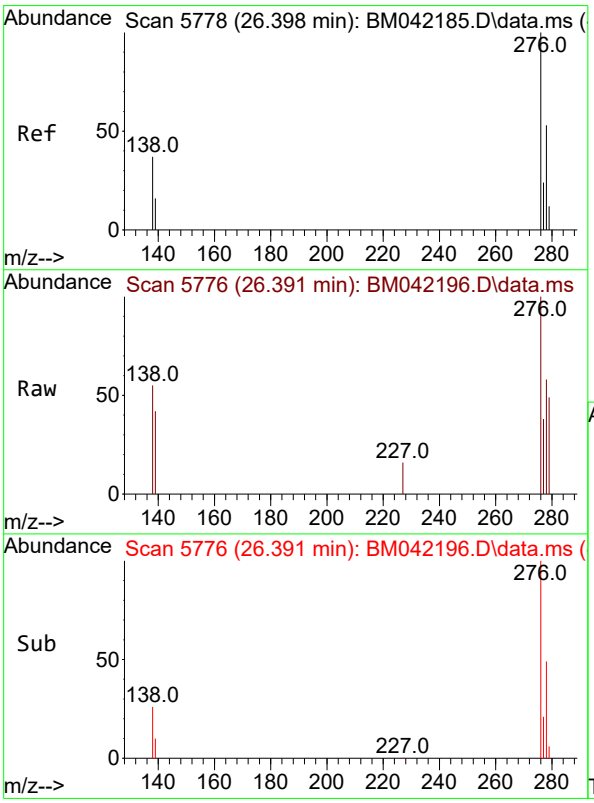
#26
Benzo(a)pyrene
Concen: 0.094 ng/ul
RT: 23.792 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:252 Resp: 2506

Ion	Ratio	Lower	Upper
252	100		
253	59.9	25.3	37.9#
125	67.5	23.2	34.8#

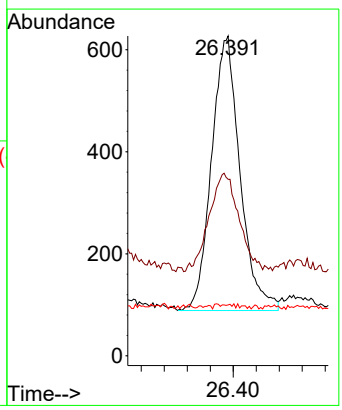


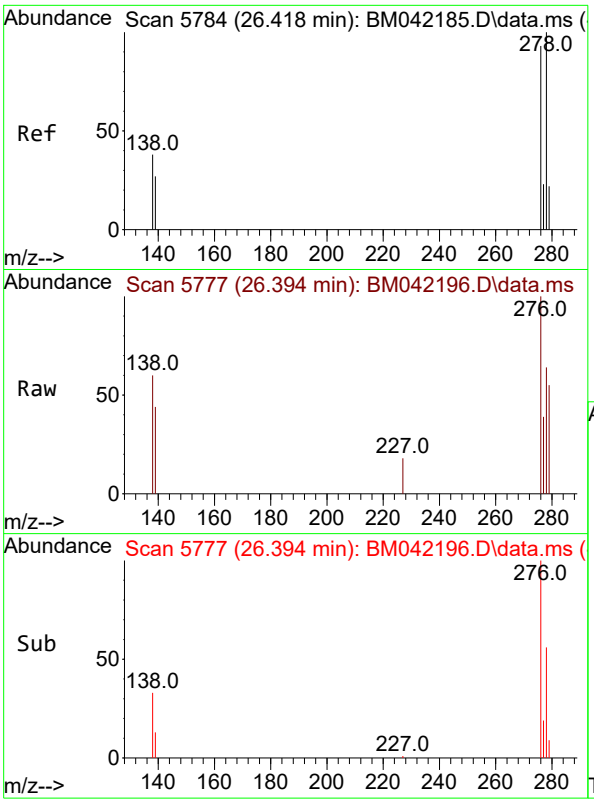


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.027 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:276 Resp: 1844

Ion	Ratio	Lower	Upper
276	100		
138	36.2	26.7	40.1
227	0.0	0.2	0.2#



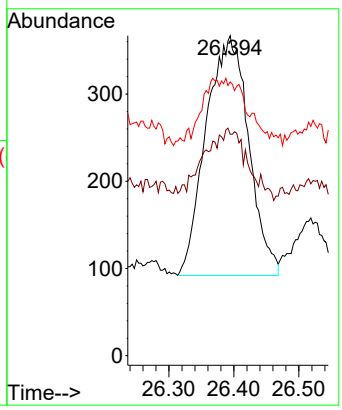


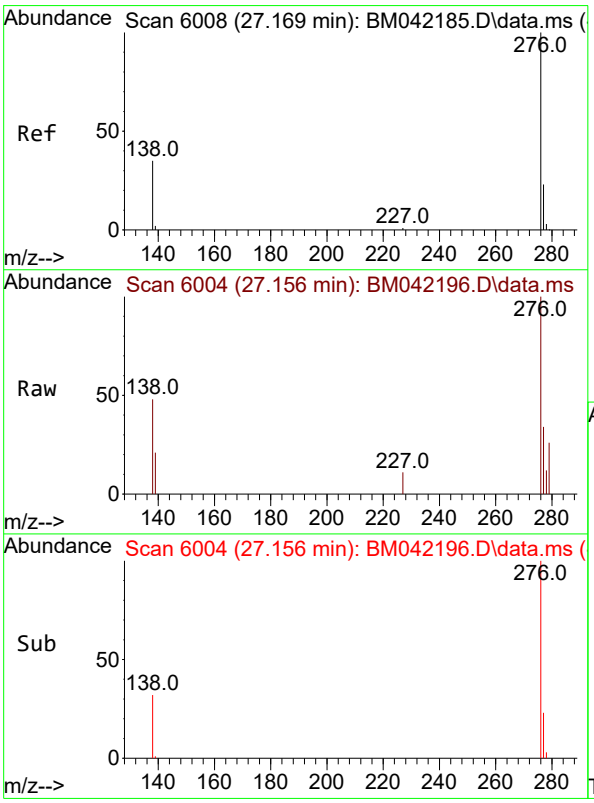
#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.394 min Scan# 5
Delta R.T. -0.040 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Instrument :
BNA_M
ClientSampleId :
BBHT7

Tgt Ion:278 Resp: 1252

Ion	Ratio	Lower	Upper
278	100		
139	69.2	21.7	32.5#
279	85.6	22.4	33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.093 ng/ul
RT: 27.156 min Scan# 6004
Delta R.T. -0.040 min
Lab File: BM042196.D
Acq: 04 Oct 2023 21:14

Tgt Ion:276 Resp: 2913

Ion	Ratio	Lower	Upper
276	100		
138	47.6	26.8	40.2#
277	33.6	20.1	30.1#