Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040965.D
Acq On : 19 Jul 2023 20:52
Operator : MA/JU
Sample : SSTD0.897
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 20 05:00:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 04:54:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	2560	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	9763	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.523	164	5110	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	9811	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	6694	0.400	ng/ul	0.00
23) Perylene-d12	23.866	264	5918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3574	0.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	10748	0.785	ng/ul	0.00
18) Fluoranthene-d10	19.311	212	19038	0.887	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	3676	0.898	ng/ul	85
5) Naphthalene	10.730	128	21455	0.797	ng/ul	98
7) 2-Methylnaphthalene	12.346	142	12151	0.768	ng/ul	98
8) 1-Methylnaphthalene	12.566	142	12875	0.815	ng/ul	99
10) Acenaphthylene	14.245	152	16975	0.744	ng/ul	98
11) Acenaphthene	14.587	153	14847	0.770	ng/ul	99
12) Fluorene	15.577	166	15780	0.767	ng/ul	99
14) Pentachlorophenol	16.961	266	1469	0.778	ng/ul	99
15) Phenanthrene	17.320	178	22962	0.753	ng/ul	99
16) Anthracene	17.413	178	18312	0.715	ng/ul	98
19) Fluoranthene	19.338	202	24322	0.855	ng/ul	100
20) Pyrene	19.706	202	25538	0.838	ng/ul	98
21) Benzo(a)anthracene	21.451	228	16400	0.724	ng/ul	99
22) Chrysene	21.504	228	18663	0.723	ng/ul	100
24) Benzo(b)fluoranthene	23.132	252	18745	0.818	ng/ul	90
25) Benzo(k)fluoranthene	23.178	252	17561	0.778	ng/ul#	91
26) Benzo(a)pyrene	23.757	252	15652	0.759	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.341	276	20828	0.725	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.357	278	15934	0.708	ng/ul	90
29) Benzo(g,h,i)perylene	27.099	276	18968	0.753	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071923\
Data File : BM040965.D
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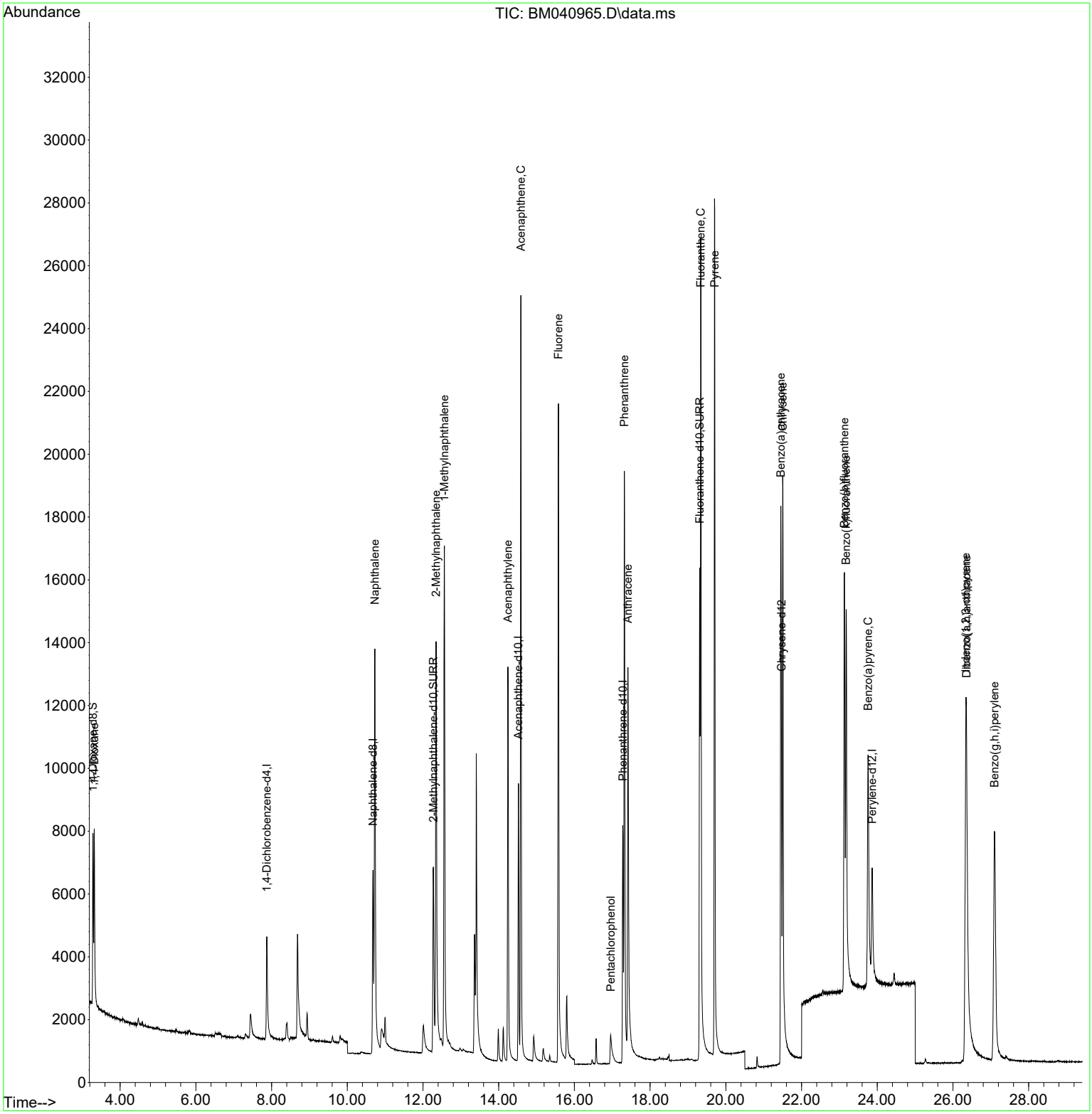
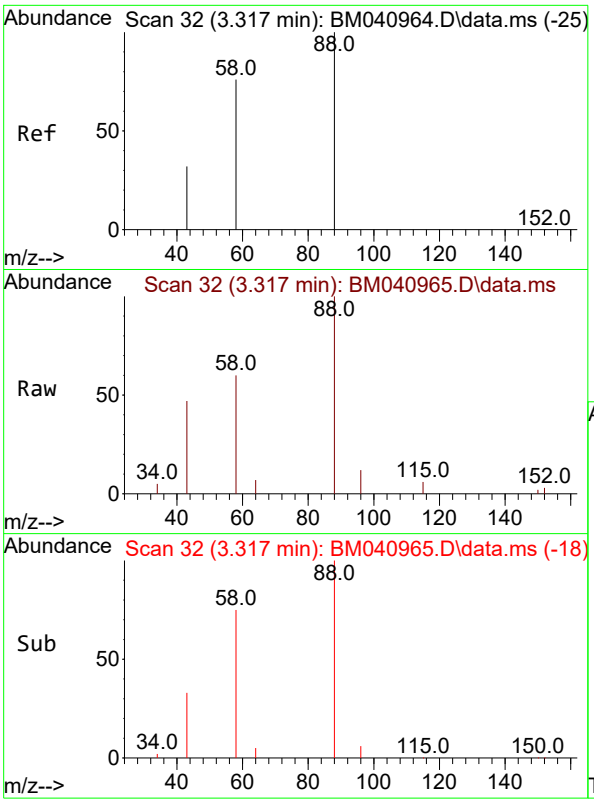
Quant Time: Jul 20 05:00:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 04:54:10 2023
Response via : Initial Calibration



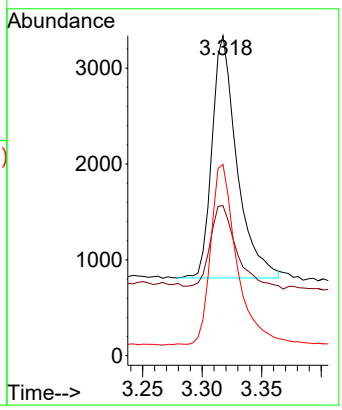


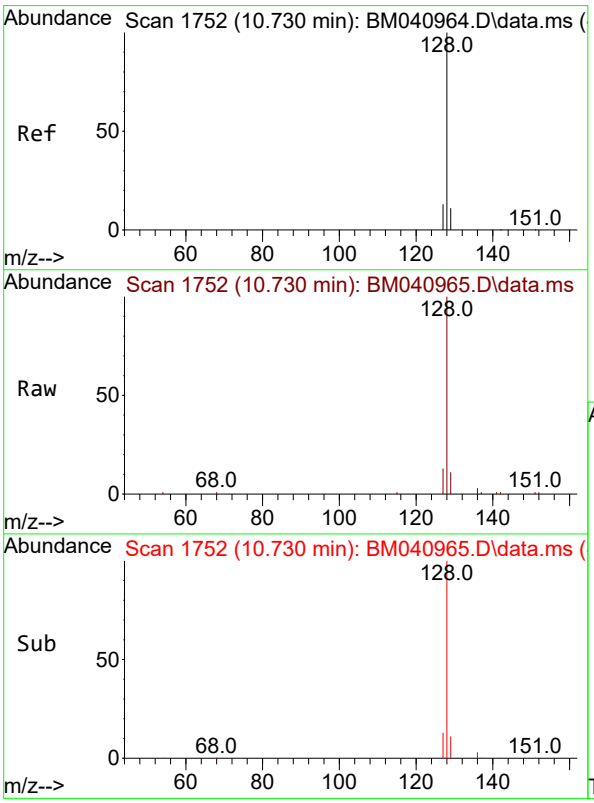
#2
1,4-Dioxane
Concen: 0.898 ng/ul
RT: 3.317 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 3676

Ion	Ratio	Lower	Upper
88	100		
43	46.9	46.7	70.1
58	59.8	40.3	60.5

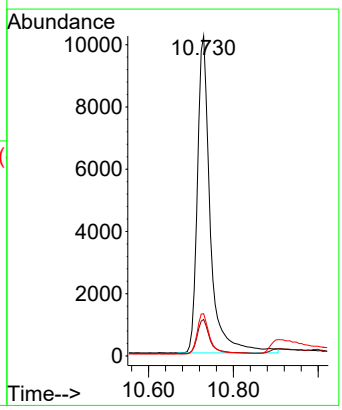


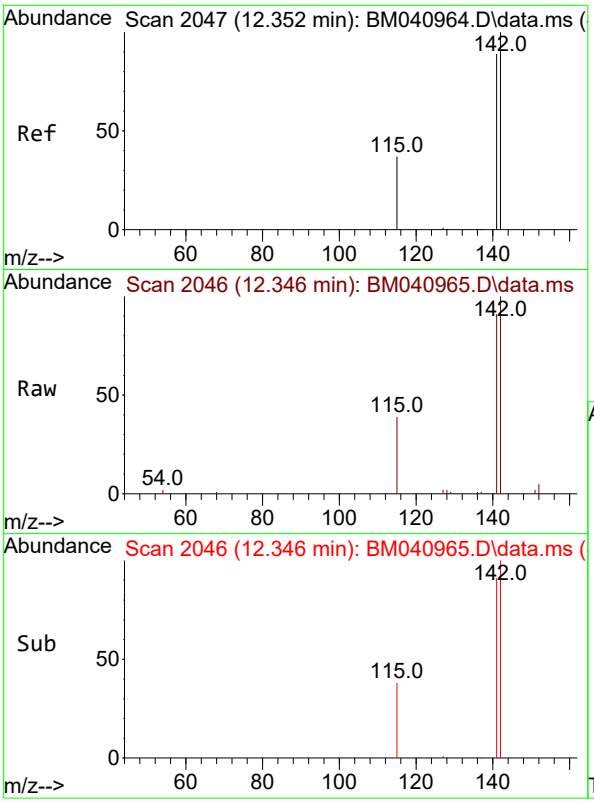


#5
Naphthalene
Concen: 0.797 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:128 Resp: 21455

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.2	11.0	16.4



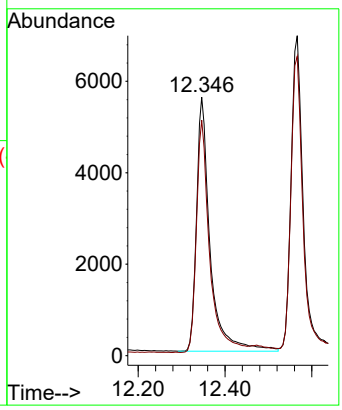


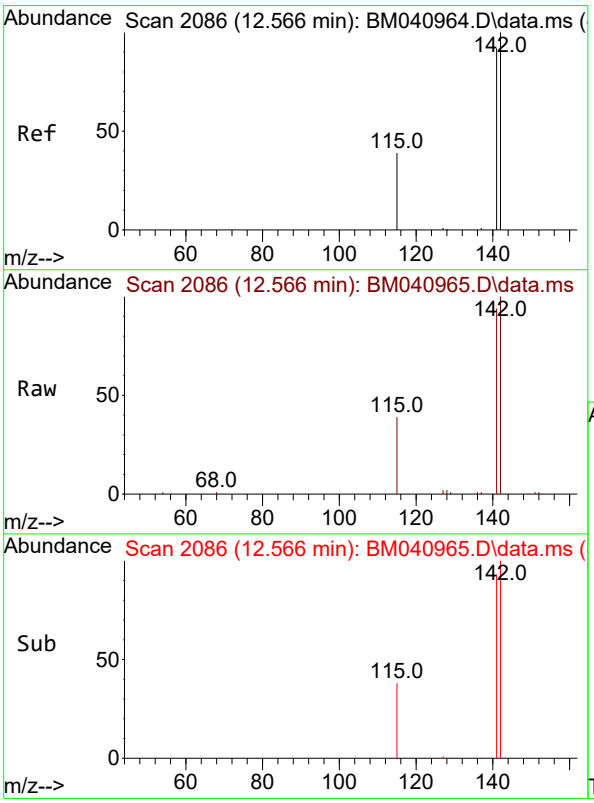
#7
2-Methylnaphthalene
Concen: 0.768 ng/ul
RT: 12.346 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 12151

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.2	109.8

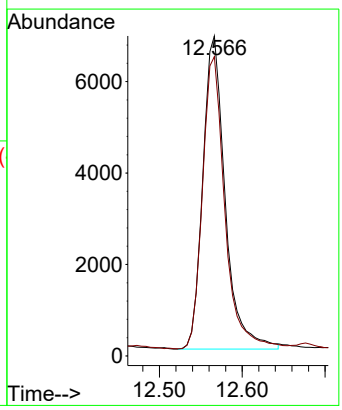


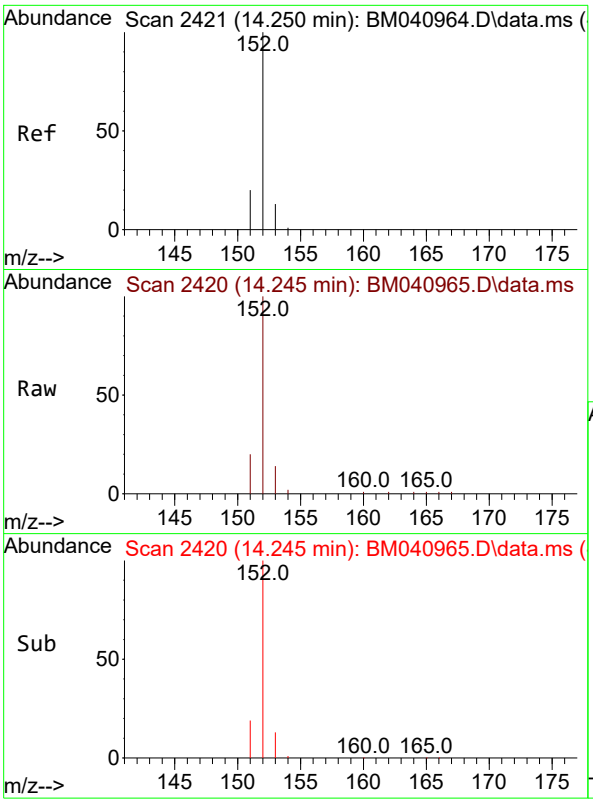


#8
1-Methylnaphthalene
Concen: 0.815 ng/ul
RT: 12.566 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:142 Resp: 12875

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.2



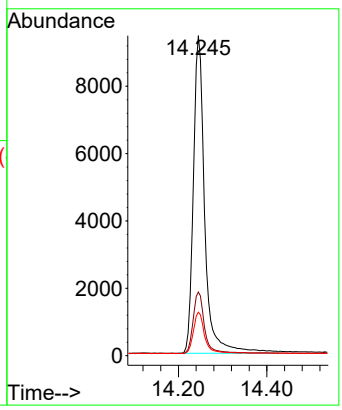


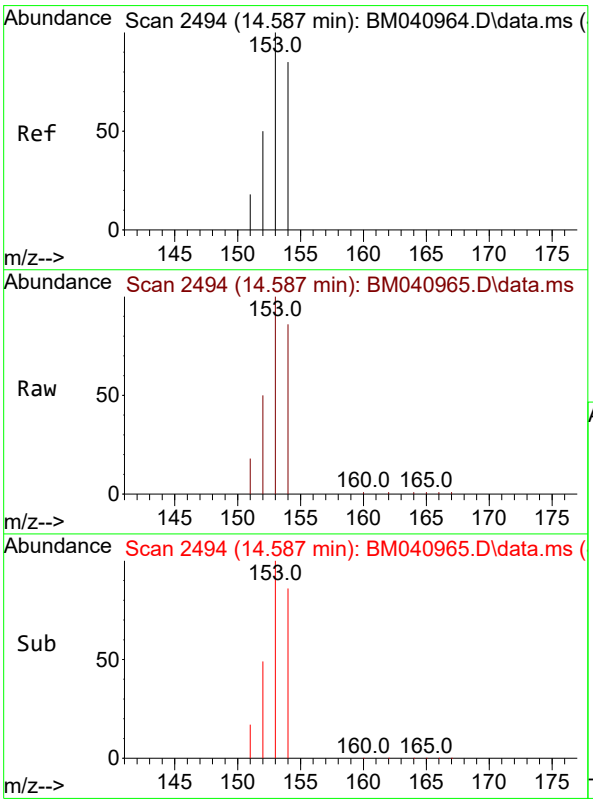
#10
Acenaphthylene
Concen: 0.744 ng/ul
RT: 14.245 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 16975

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	13.6	11.6	17.4

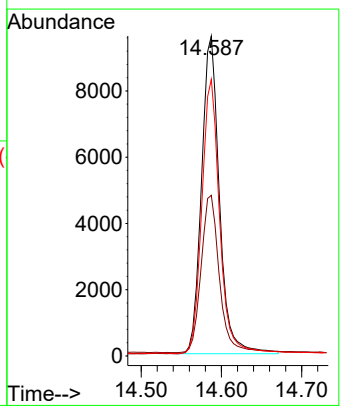


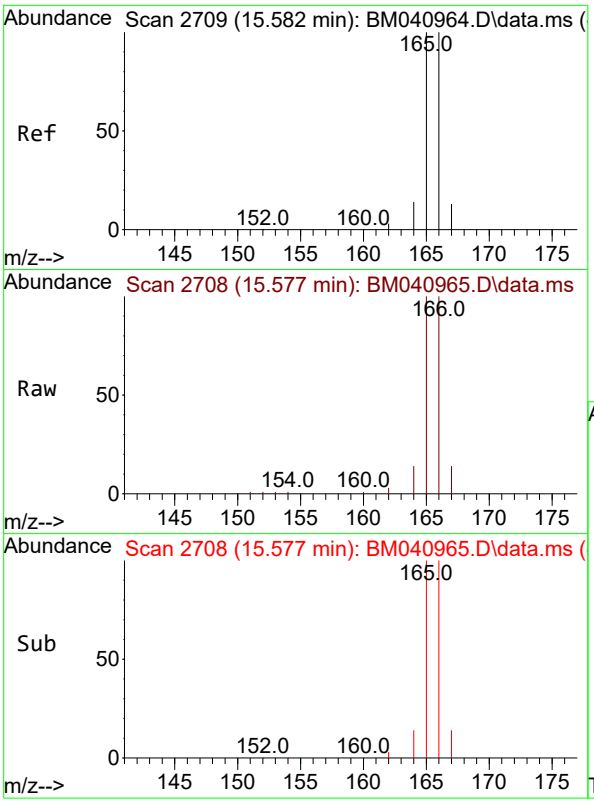


#11
Acenaphthene
Concen: 0.770 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:153 Resp: 14847

Ion	Ratio	Lower	Upper
153	100		
152	50.2	41.0	61.6
154	86.4	68.2	102.2



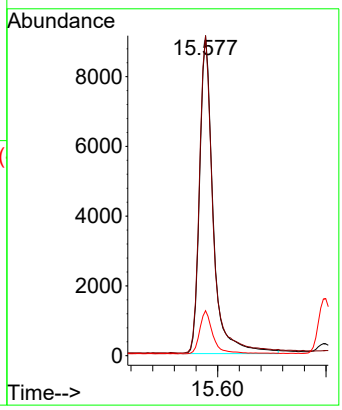


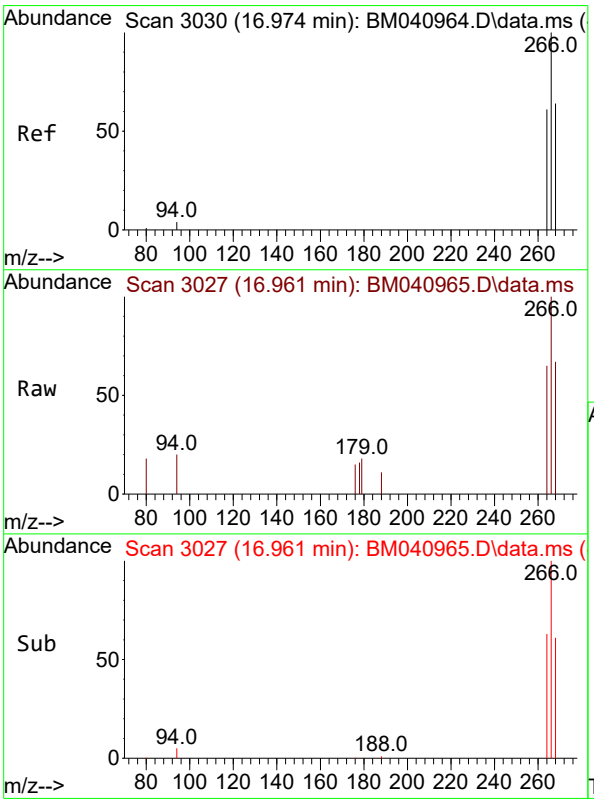
#12
Fluorene
Concen: 0.767 ng/ul
RT: 15.577 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 15780

Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.3	120.5
167	14.1	11.7	17.5

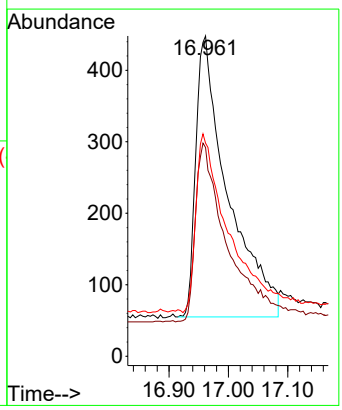


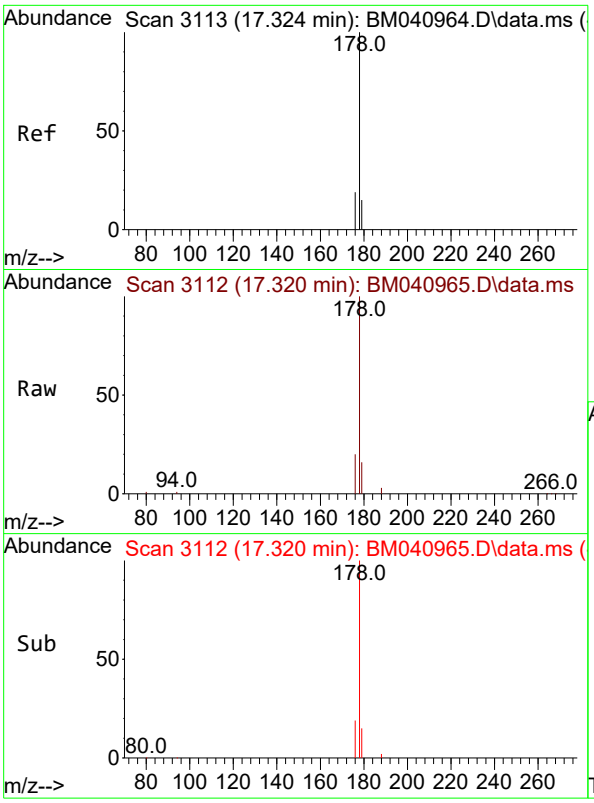


#14
Pentachlorophenol
Concen: 0.778 ng/ul
RT: 16.961 min Scan# 3027
Delta R.T. -0.013 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:266 Resp: 1469

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.7	76.1
268	64.4	52.8	79.2



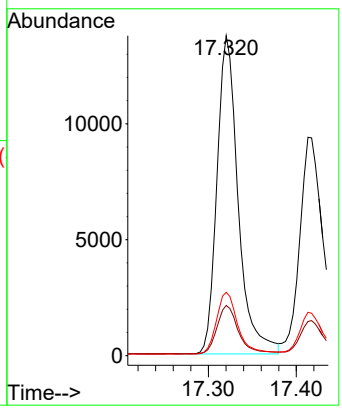


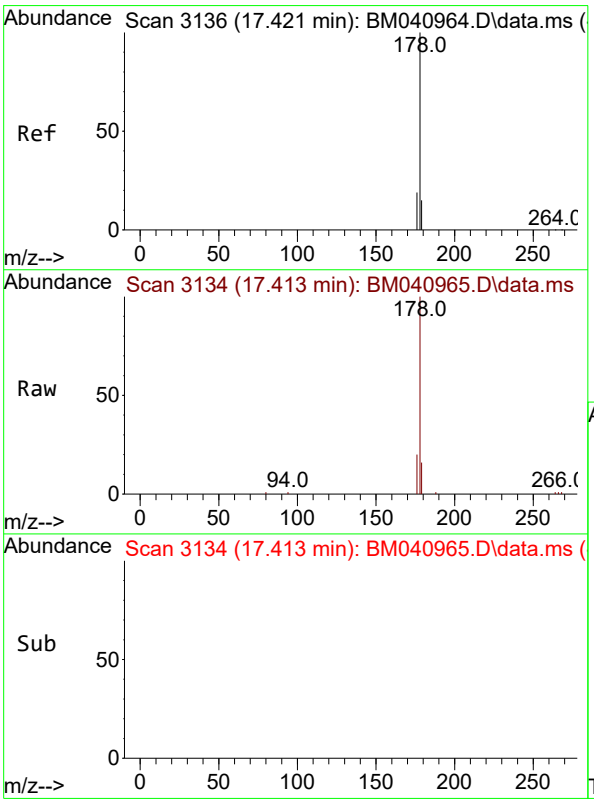
#15
Phenanthrene
Concen: 0.753 ng/ul
RT: 17.320 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 22962

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	19.8	16.2	24.4

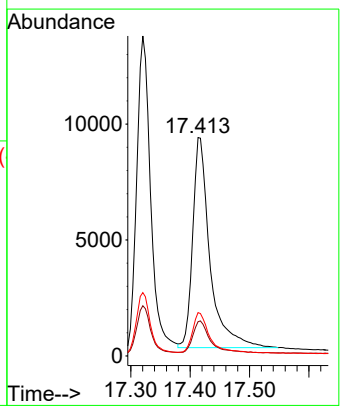


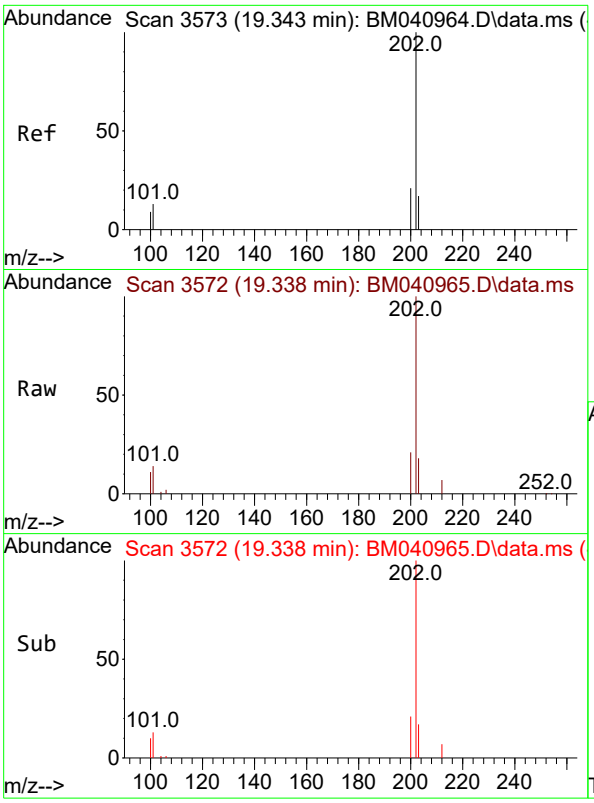


#16
Anthracene
Concen: 0.715 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:178 Resp: 18312

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.7	20.5
176	19.9	16.4	24.6



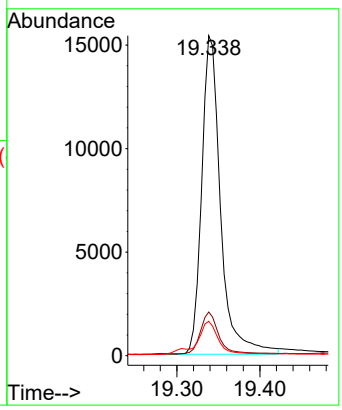


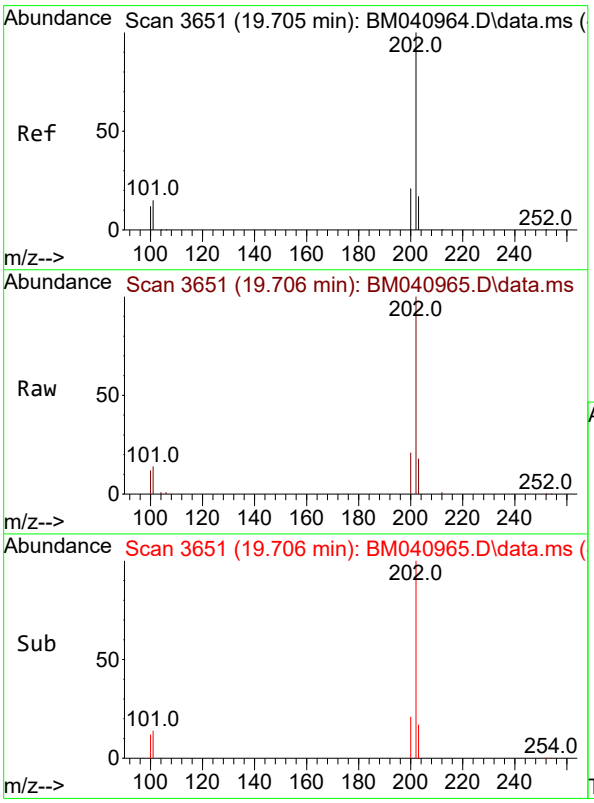
#19
Fluoranthene
Concen: 0.855 ng/ul
RT: 19.338 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 24322

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.4
100	10.8	8.3	12.5

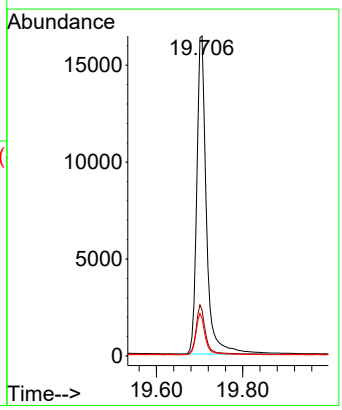


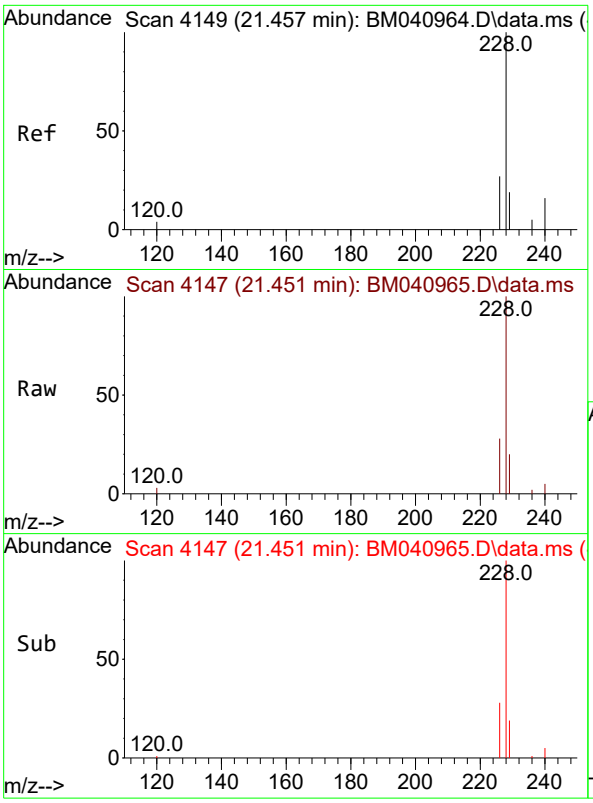


#20
Pyrene
Concen: 0.838 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:202 Resp: 25538

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.5	18.7
100	11.8	10.0	15.0



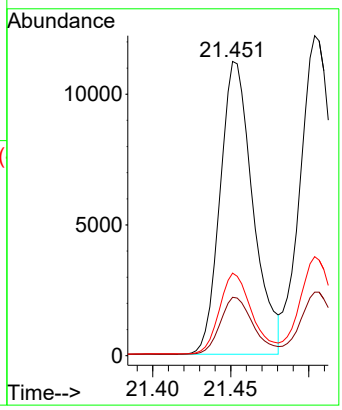


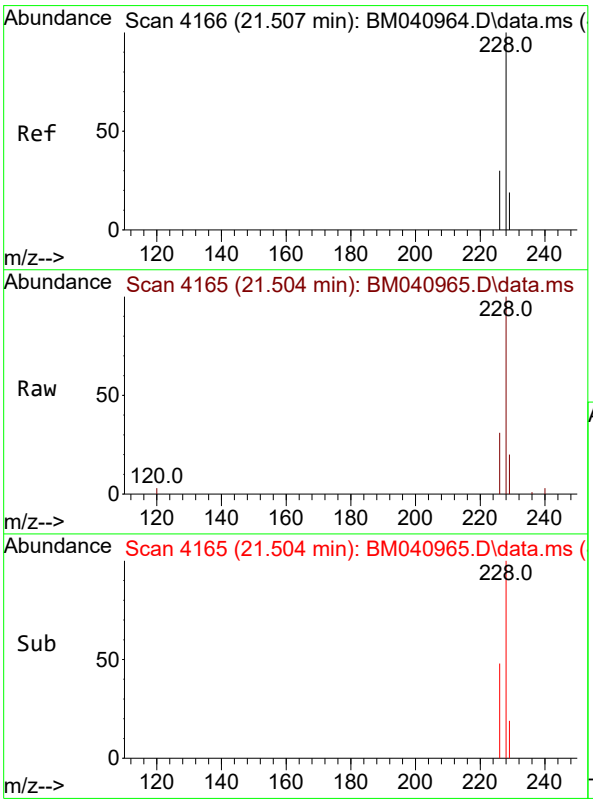
#21
Benzo(a)anthracene
Concen: 0.724 ng/ul
RT: 21.451 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 16400

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.4
226	28.1	22.3	33.5

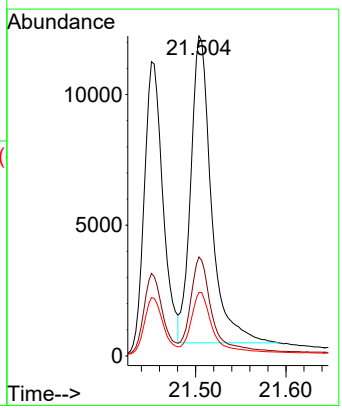


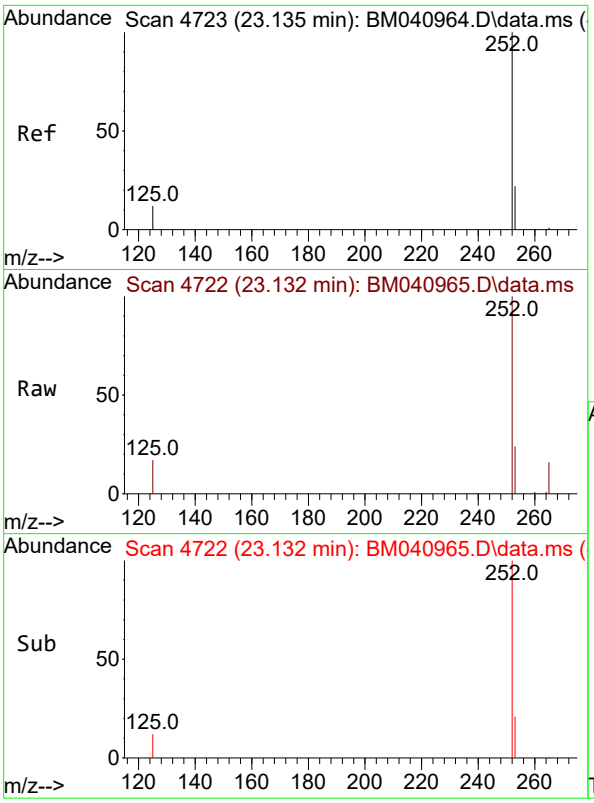


#22
Chrysene
Concen: 0.723 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:228 Resp: 18663

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	19.8	16.1	24.1



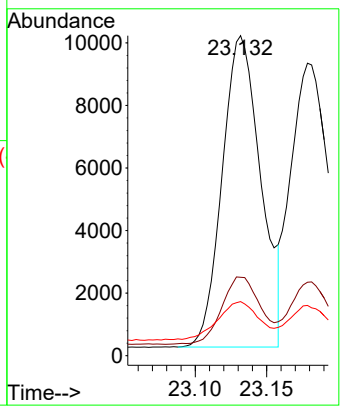


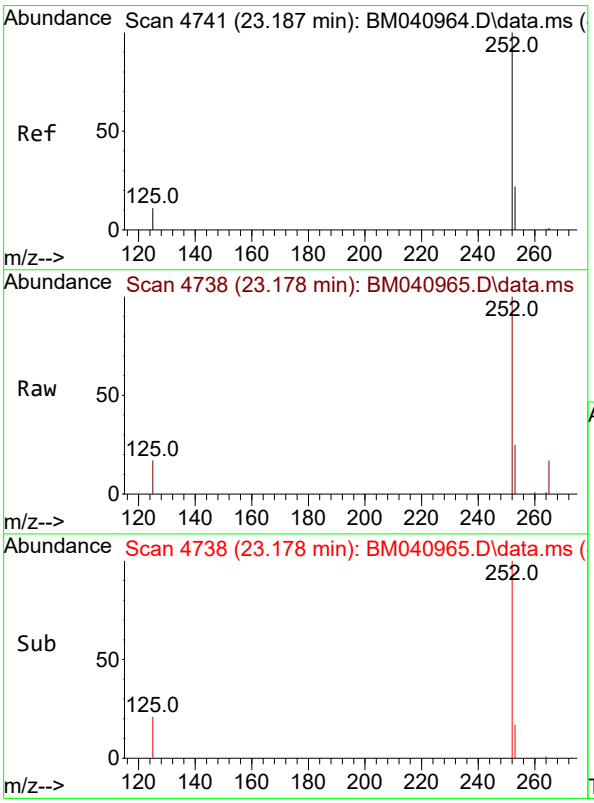
#24
Benzo(b)fluoranthene
Concen: 0.818 ng/ul
RT: 23.132 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 18745

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	57.4
125	16.9	0.0	45.2

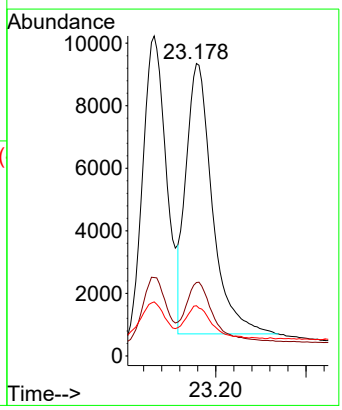


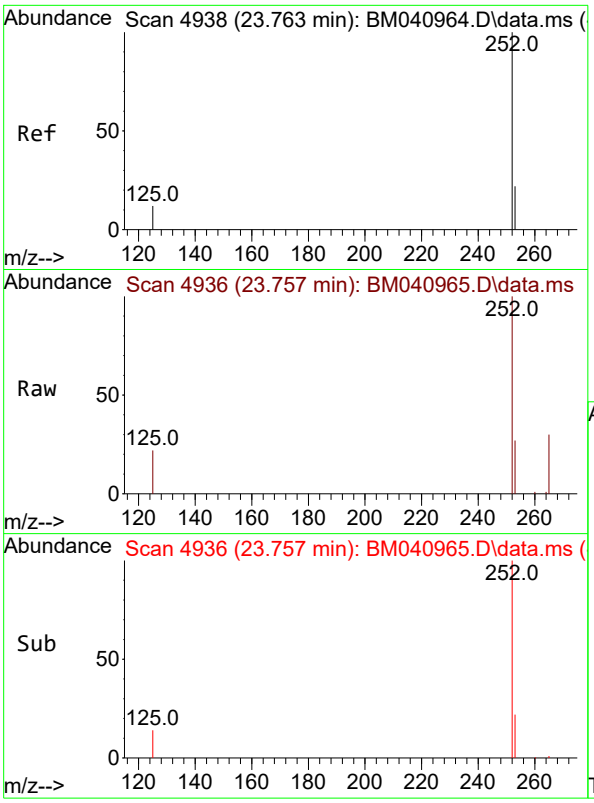


#25
Benzo(k)fluoranthene
Concen: 0.778 ng/ul
RT: 23.178 min Scan# 4738
Delta R.T. -0.009 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:252 Resp: 17561

Ion	Ratio	Lower	Upper
252	100		
253	25.1	23.3	34.9
125	17.2	18.2	27.2#



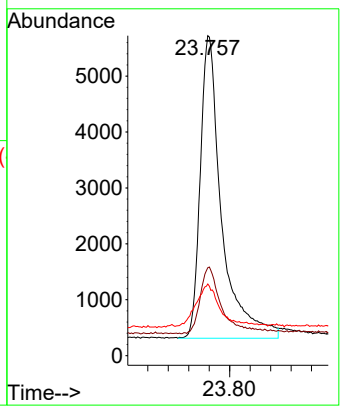


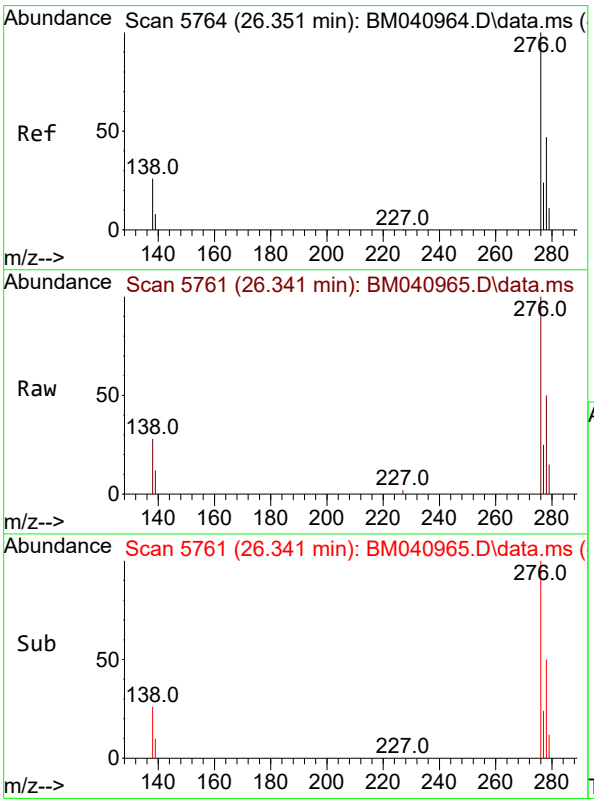
#26
Benzo(a)pyrene
Concen: 0.759 ng/ul
RT: 23.757 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 15652

Ion	Ratio	Lower	Upper
252	100		
253	27.5	28.2	42.2#
125	22.4	25.2	37.8#

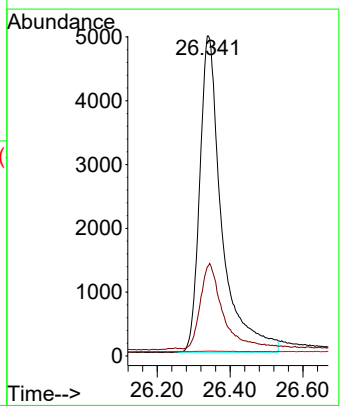


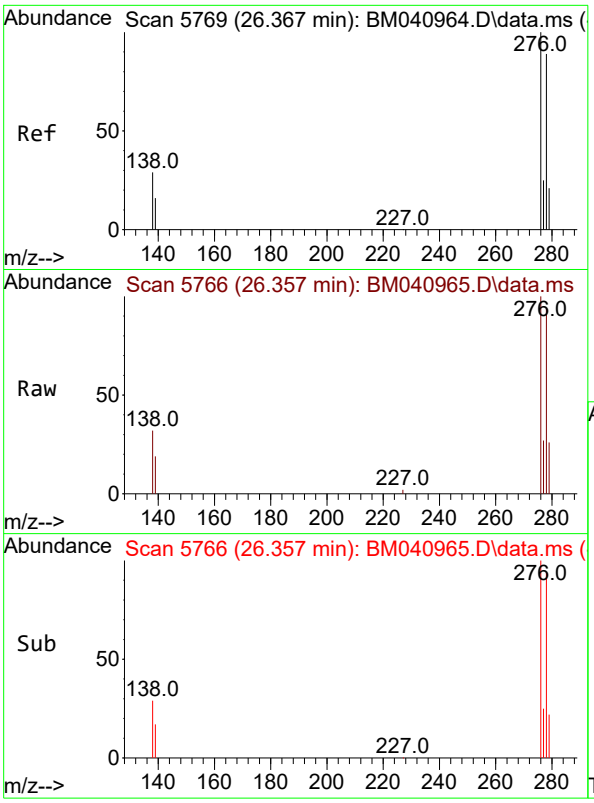


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.725 ng/ul
RT: 26.341 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:276 Resp: 20828

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.3	33.5
227	0.1	0.0	0.0#



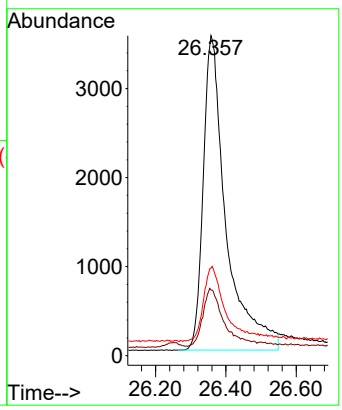


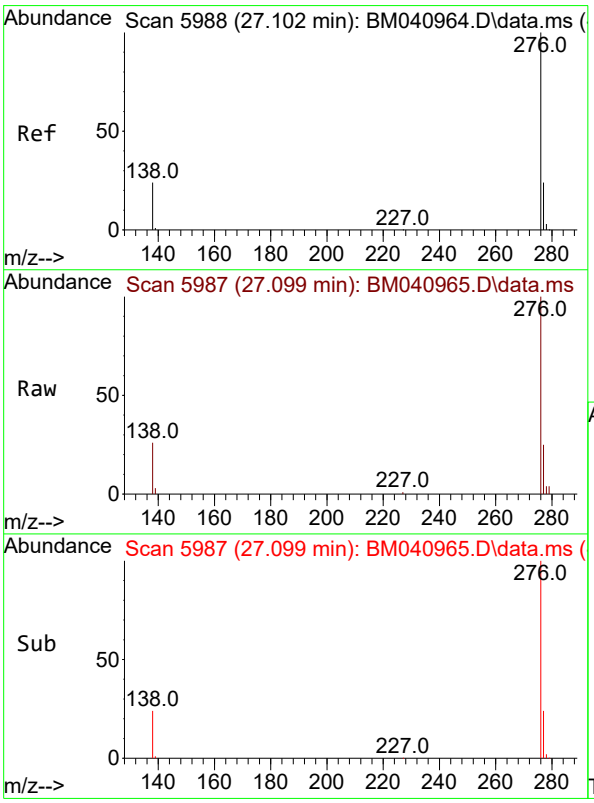
#28
Dibenzo(a,h)anthracene
Concen: 0.708 ng/ul
RT: 26.357 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 15934

Ion	Ratio	Lower	Upper
278	100		
139	20.5	19.2	28.8
279	27.4	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.753 ng/ul
RT: 27.099 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040965.D
Acq: 19 Jul 2023 20:52

Tgt Ion:276 Resp: 18968

Ion	Ratio	Lower	Upper
276	100		
138	26.3	22.6	34.0
277	25.0	21.2	31.8