Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041592.D
Acq On : 30 Aug 2023 23:44
Operator : MA/JU
Sample : 04159-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCHI9

Quant Time: Aug 31 02:19:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	6237	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	15258	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.750	164	7393	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.503	188	14386	0.400	ng/ul	0.00
17) Chrysene-d12	21.686	240	5058	0.400	ng/ul	0.00
23) Perylene-d12	24.244	264	5910	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	35199	3.824	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	5355	0.291	ng/ul	0.00
18) Fluoranthene-d10	19.521	212	7942	0.318	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.995	128	1748854	35.850	ng/ul	99
7) 2-Methylnaphthalene	12.590	142	12024	0.435	ng/ul	100
8) 1-Methylnaphthalene	12.810	142	86699	3.101	ng/ul	99
10) Acenaphthylene	14.477	152	37624	0.730	ng/ul#	97
11) Acenaphthene	14.815	153	1435264	40.378	ng/ul	97
12) Fluorene	15.796	166	559575	14.463	ng/ul	97
14) Pentachlorophenol	17.123	266	758	0.137	ng/ul	98
15) Phenanthrene	17.545	178	17378	0.277	ng/ul	97
16) Anthracene	17.633	178	11236	0.206	ng/ul#	92
19) Fluoranthene	19.553	202	18786	0.283	ng/ul	100
20) Pyrene	19.921	202	11968	0.179	ng/ul	97
26) Benzo(a)pyrene	24.080	252	4956	0.101	ng/ul#	59

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

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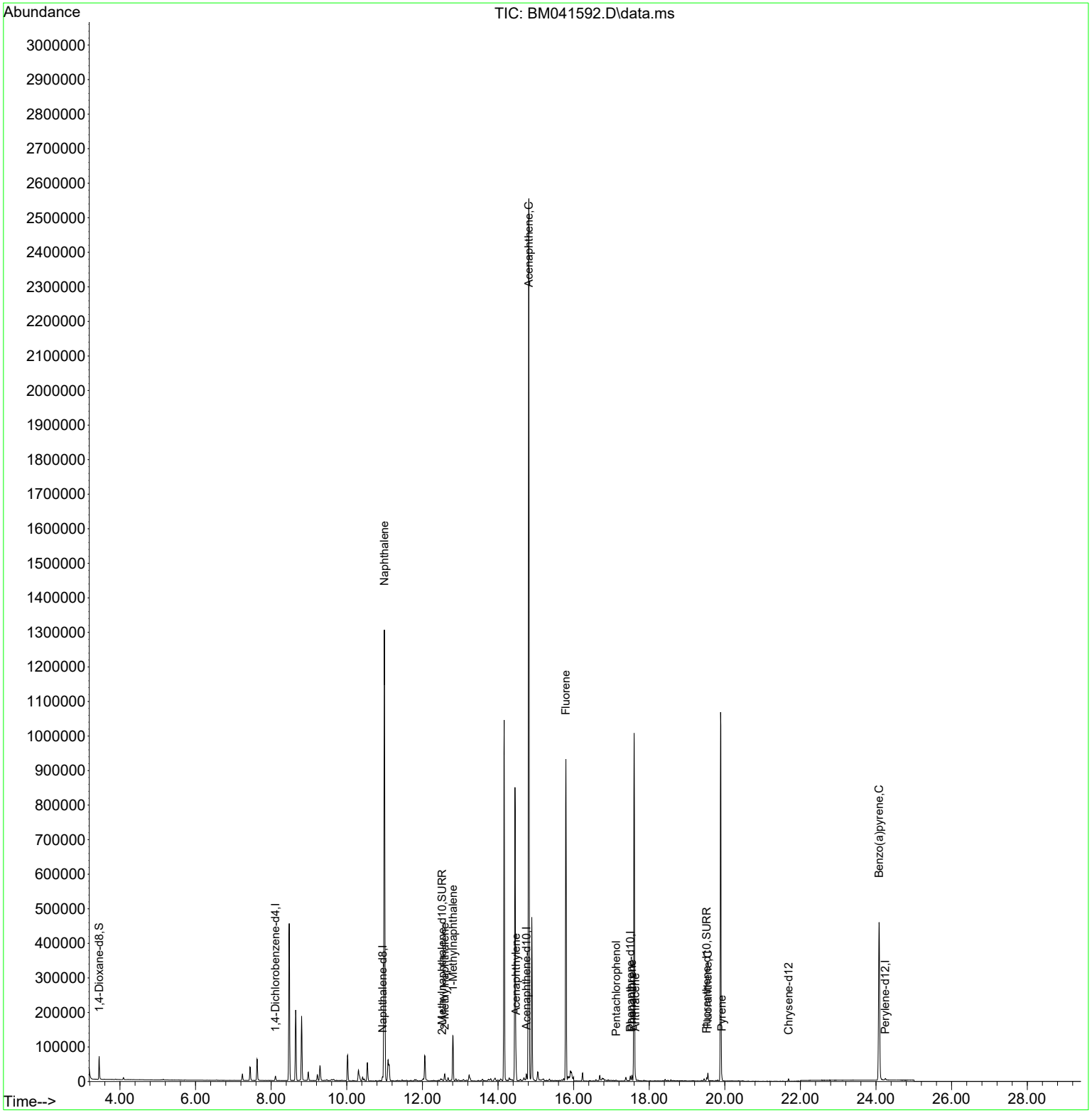
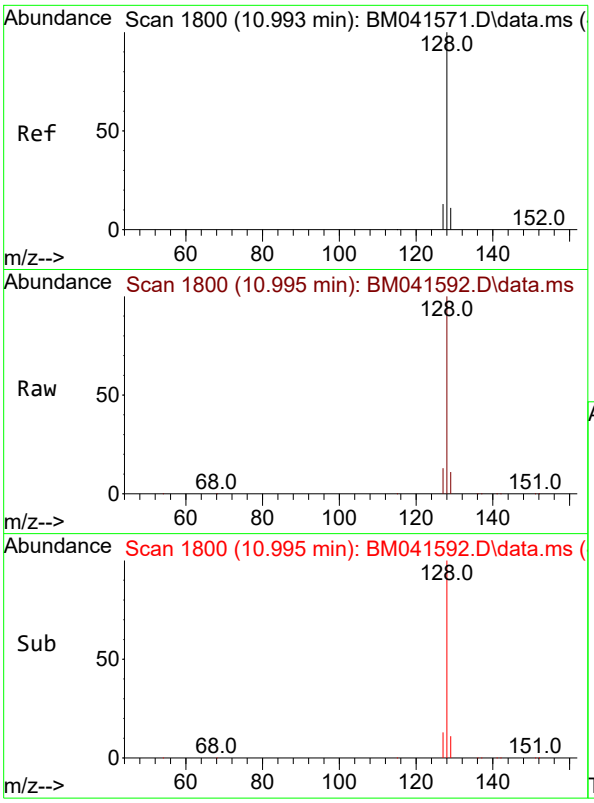


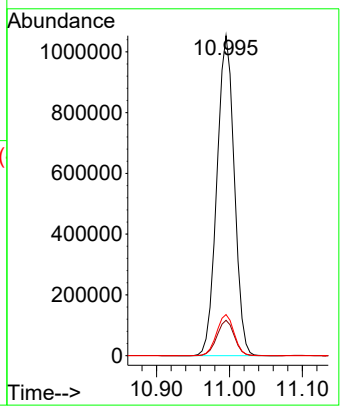


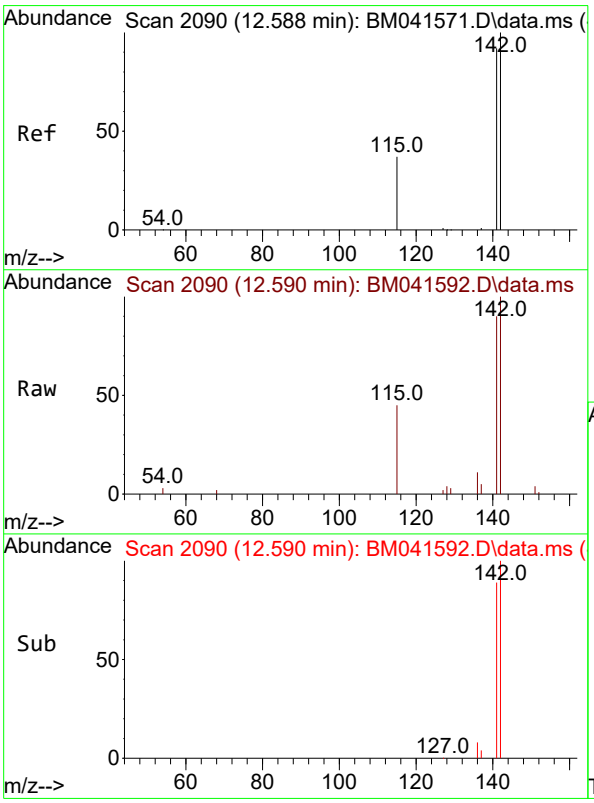
#5
Naphthalene
Concen: 35.850 ng/ul
RT: 10.995 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Instrument :
BNA_M
ClientSampleId :
DCHI9

Tgt Ion:128 Resp: 1748854

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.8	10.6	15.8

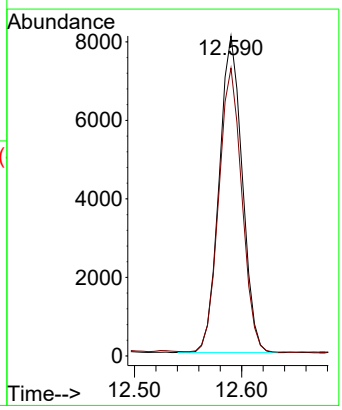


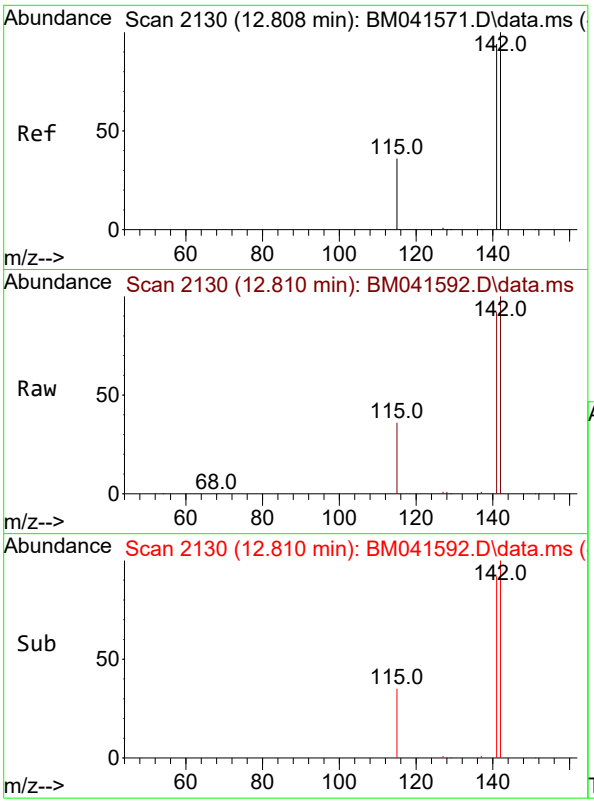


#7
2-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.590 min Scan# 2090
Delta R.T. -0.004 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Tgt Ion:142 Resp: 12024

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.8



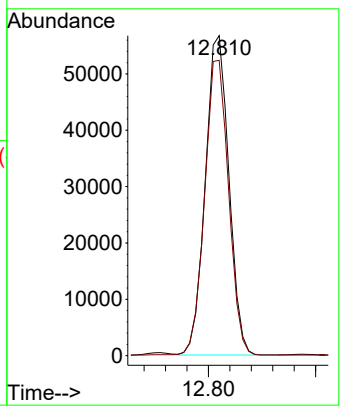


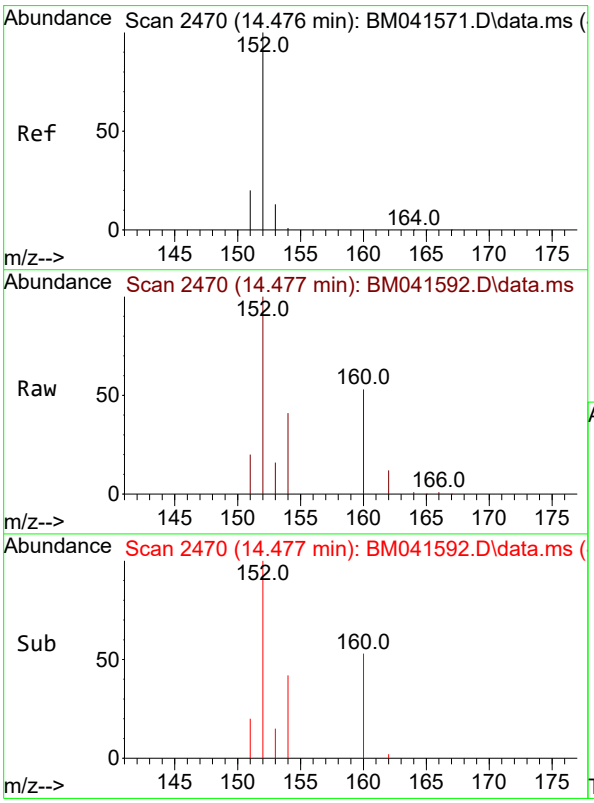
#8
1-Methylnaphthalene
Concen: 3.101 ng/ul
RT: 12.810 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Instrument :
BNA_M
ClientSampleId :
DCHI9

Tgt Ion:142 Resp: 86699

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.2

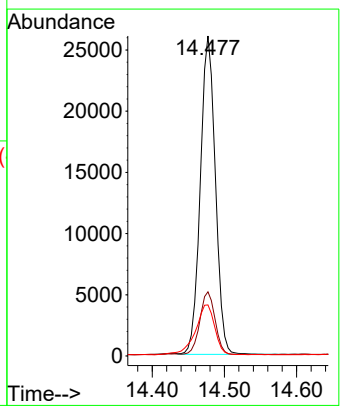


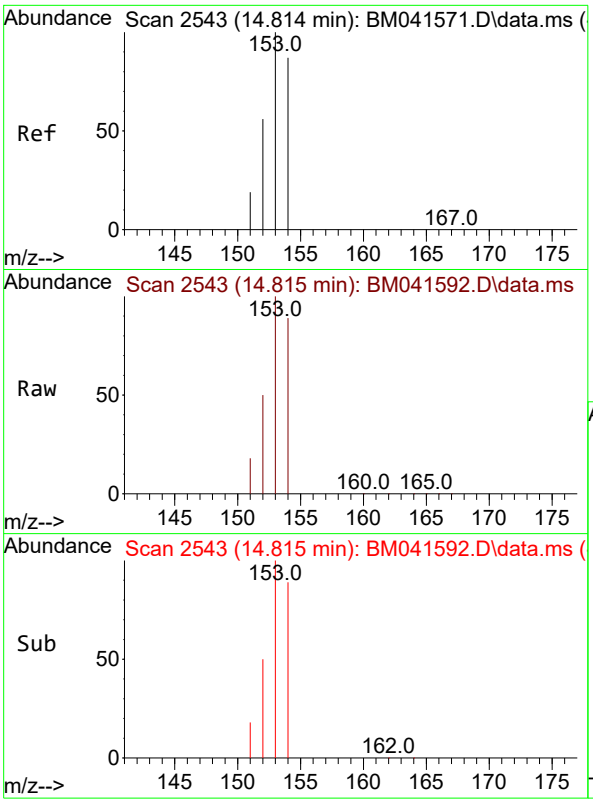


#10
Acenaphthylene
Concen: 0.730 ng/ul
RT: 14.477 min Scan# 2470
Delta R.T. -0.004 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Tgt Ion:152 Resp: 37624

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	16.0	10.6	15.8#



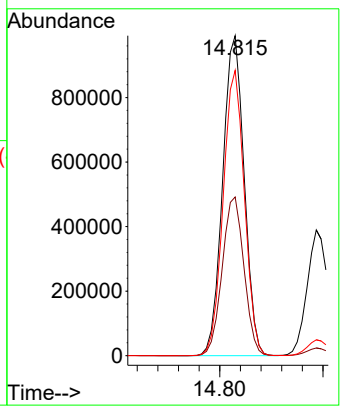


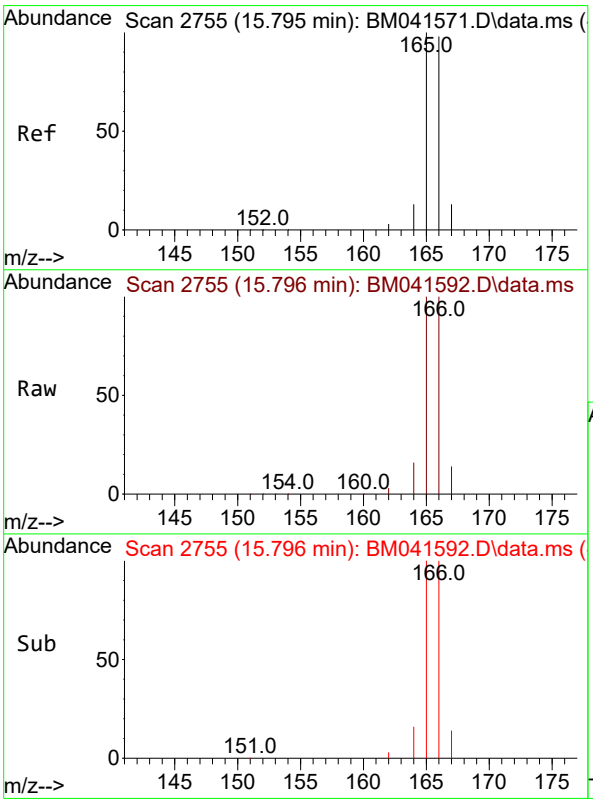
#11
Acenaphthene
Concen: 40.378 ng/ul
RT: 14.815 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Instrument :
BNA_M
ClientSampleId :
DCHI9

Tgt Ion:153 Resp: 1435264

Ion	Ratio	Lower	Upper
153	100		
152	49.6	43.4	65.2
154	89.2	70.2	105.2

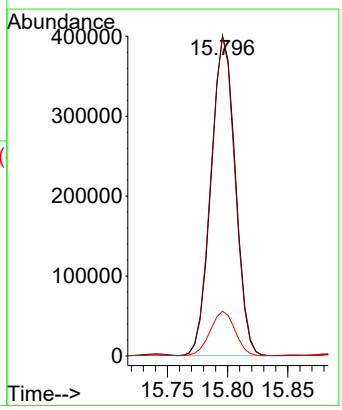


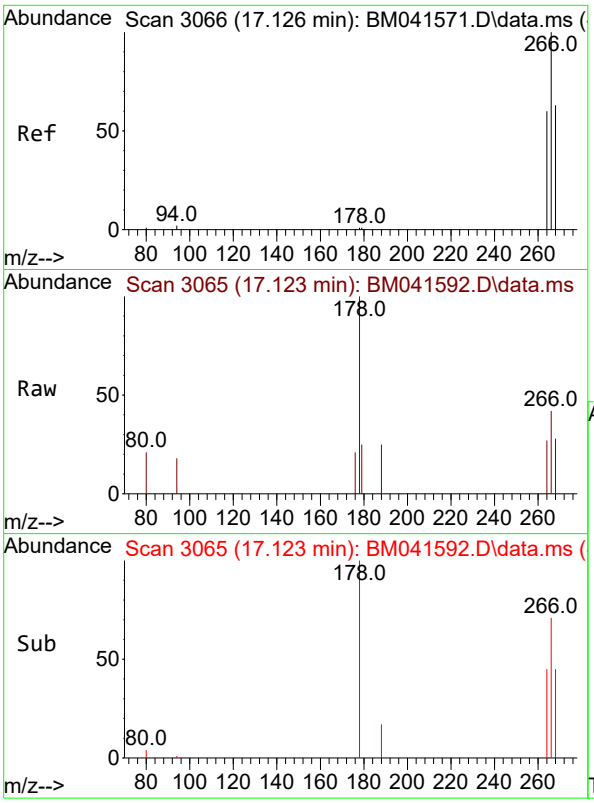


#12
Fluorene
Concen: 14.463 ng/ul
RT: 15.796 min Scan# 2755
Delta R.T. -0.004 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Tgt Ion:166 Resp: 559575

Ion	Ratio	Lower	Upper
166	100		
165	99.9	82.2	123.2
167	13.9	11.5	17.3



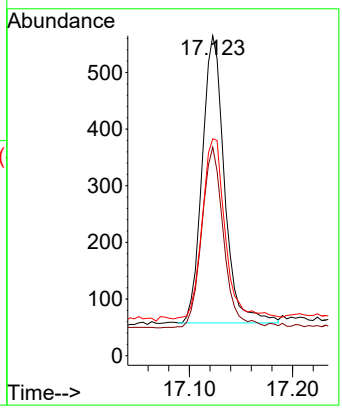


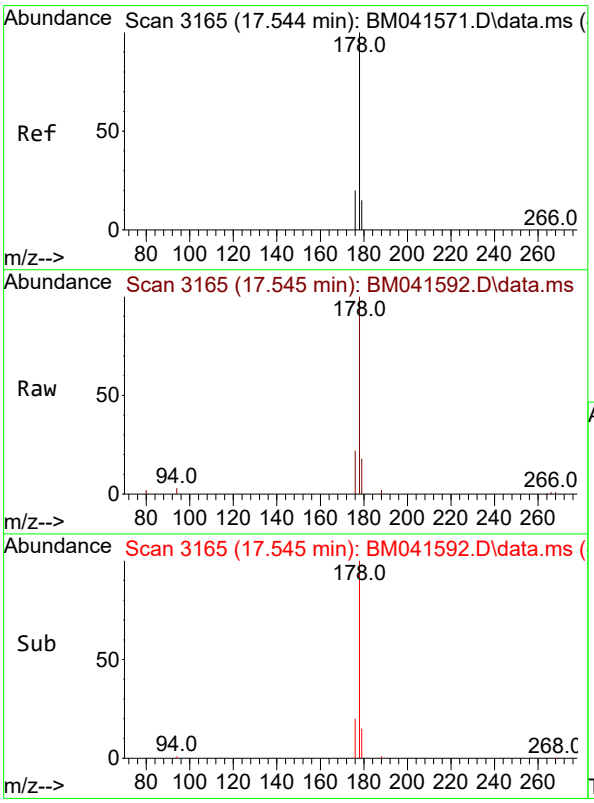
#14
Pentachlorophenol
Concen: 0.137 ng/ul
RT: 17.123 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Instrument :
BNA_M
ClientSampleId :
DCHI9

Tgt Ion:266 Resp: 758

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.3	73.9
268	65.0	50.2	75.4

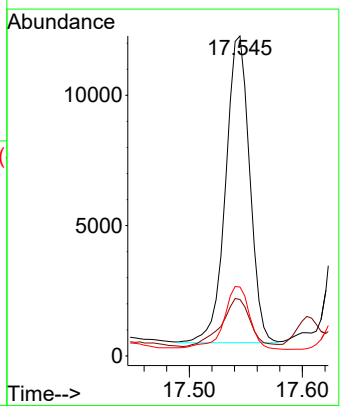


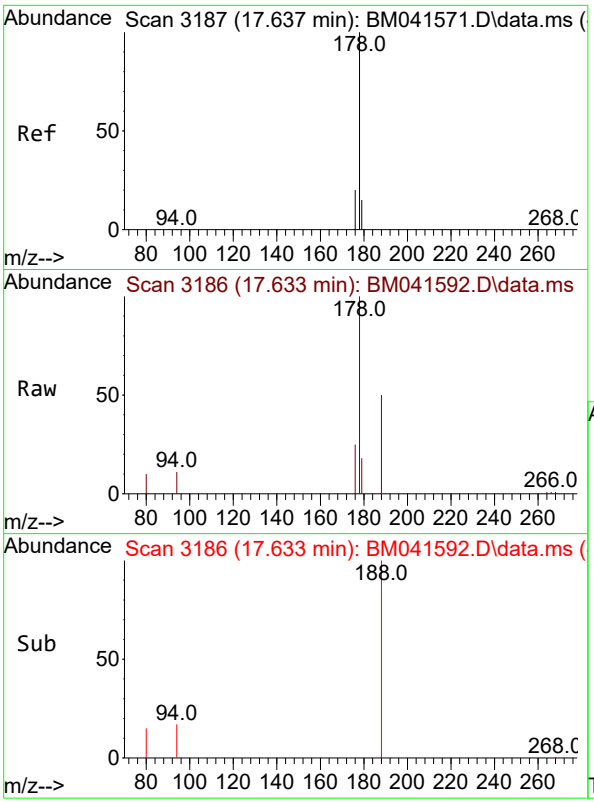


#15
Phenanthrene
Concen: 0.277 ng/ul
RT: 17.545 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Tgt Ion:178 Resp: 17378

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	19.0
176	21.5	16.2	24.4



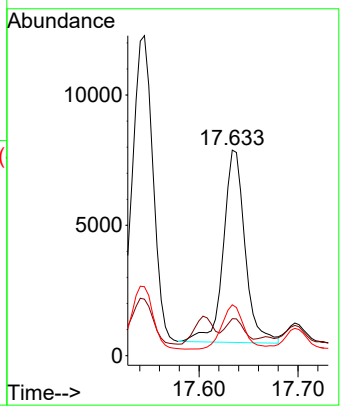


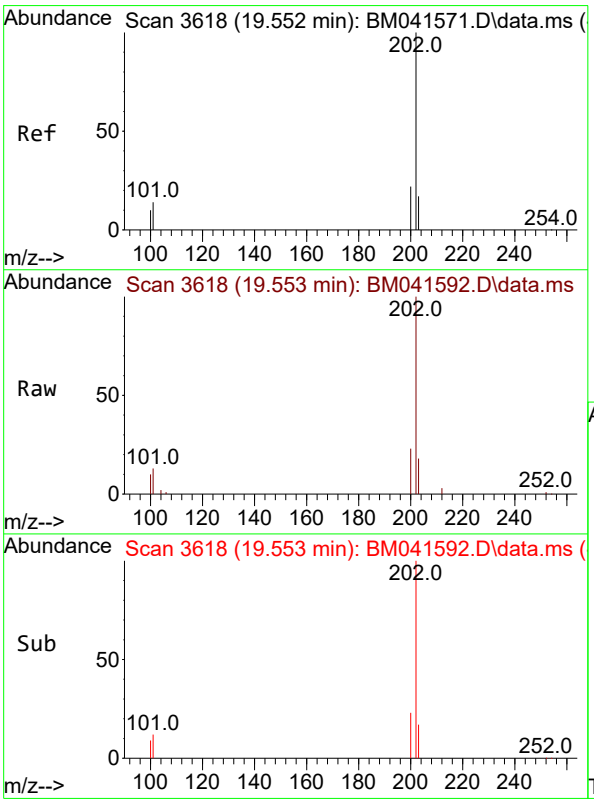
#16
Anthracene
Concen: 0.206 ng/ul
RT: 17.633 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Instrument :
BNA_M
ClientSampleId :
DCHI9

Tgt Ion:178 Resp: 11236

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.9	19.3
176	24.7	15.6	23.4#

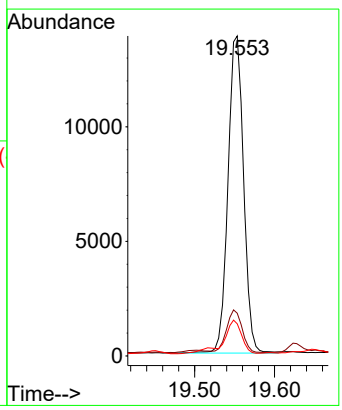


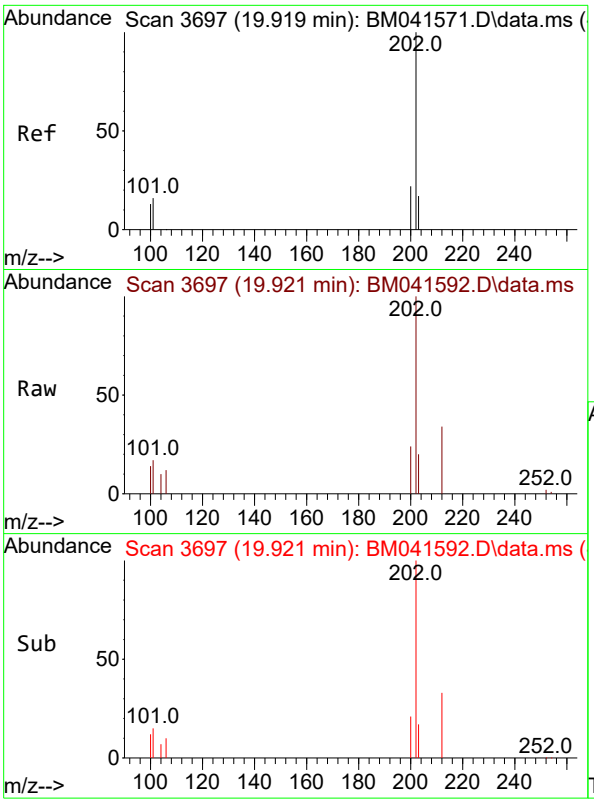


#19
Fluoranthene
Concen: 0.283 ng/ul
RT: 19.553 min Scan# 3618
Delta R.T. -0.003 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Tgt Ion:202 Resp: 18786

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.7	16.1
100	10.0	8.1	12.1



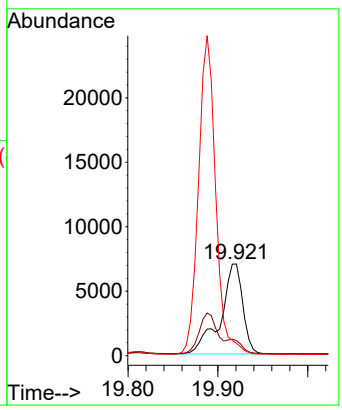


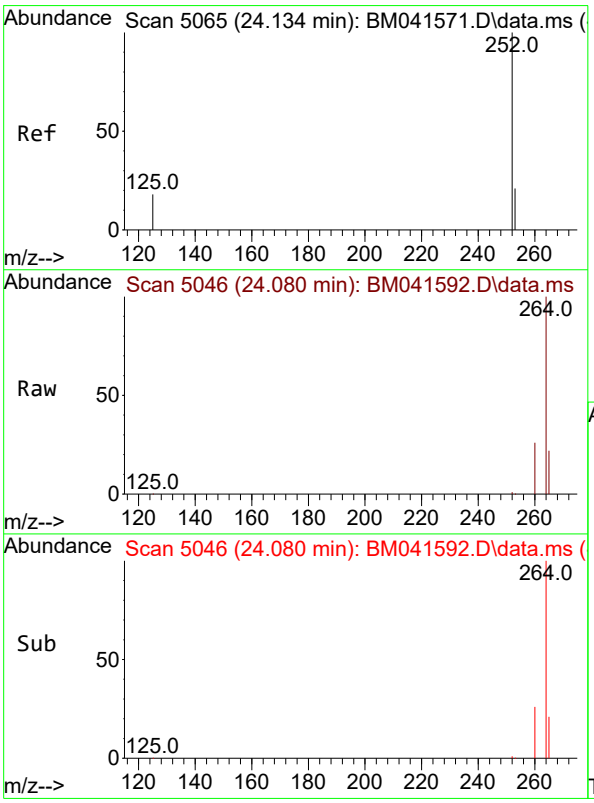
#20
Pyrene
Concen: 0.179 ng/ul
RT: 19.921 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Instrument :
BNA_M
ClientSampleId :
DCHI9

Tgt Ion:202 Resp: 11968

Ion	Ratio	Lower	Upper
202	100		
101	16.5	12.2	18.4
100	13.7	9.8	14.8





#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 24.080 min Scan# 5046
Delta R.T. -0.057 min
Lab File: BM041592.D
Acq: 30 Aug 2023 23:44

Tgt Ion:252 Resp: 4956

Ion	Ratio	Lower	Upper
252	100		
253	42.1	20.9	31.3#
125	52.2	21.1	31.7#