Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044138.D
Acq On : 16 Feb 2024 14:33
Operator : MA/JU
Sample : P1329-14DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Quant Time: Feb 16 22:39:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	30235	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	16156	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	32990	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	19780	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	19677	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	10057	0.778	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	2351	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	4685	0.079	ng/ul	0.00
Target Compounds						Qvalue
7) 2-Methylnaphthalene	12.365	142	1713	0.031	ng/ul	97
14) Pentachlorophenol	16.943	266	334	0.028	ng/ul	95
15) Phenanthrene	17.335	178	10282	0.098	ng/ul	98
16) Anthracene	17.335	178	10282	0.099	ng/ul	97
19) Fluoranthene	19.360	202	49022	0.544	ng/ul	98
20) Pyrene	19.722	202	48071	0.507	ng/ul	96
21) Benzo(a)anthracene	21.478	228	21749	0.240	ng/ul	97
22) Chrysene	21.531	228	24499	0.251	ng/ul	96
24) Benzo(b)fluoranthene	23.159	252	33944	0.418	ng/ul	94
25) Benzo(k)fluoranthene	23.159	252	47947	0.544	ng/ul#	95
26) Benzo(a)pyrene	23.779	252	19168	0.254	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.359	276	14617	0.152	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.382	278	3428	0.045	ng/ul#	53
29) Benzo(g,h,i)perylene	27.120	276	14217	0.167	ng/ul#	93

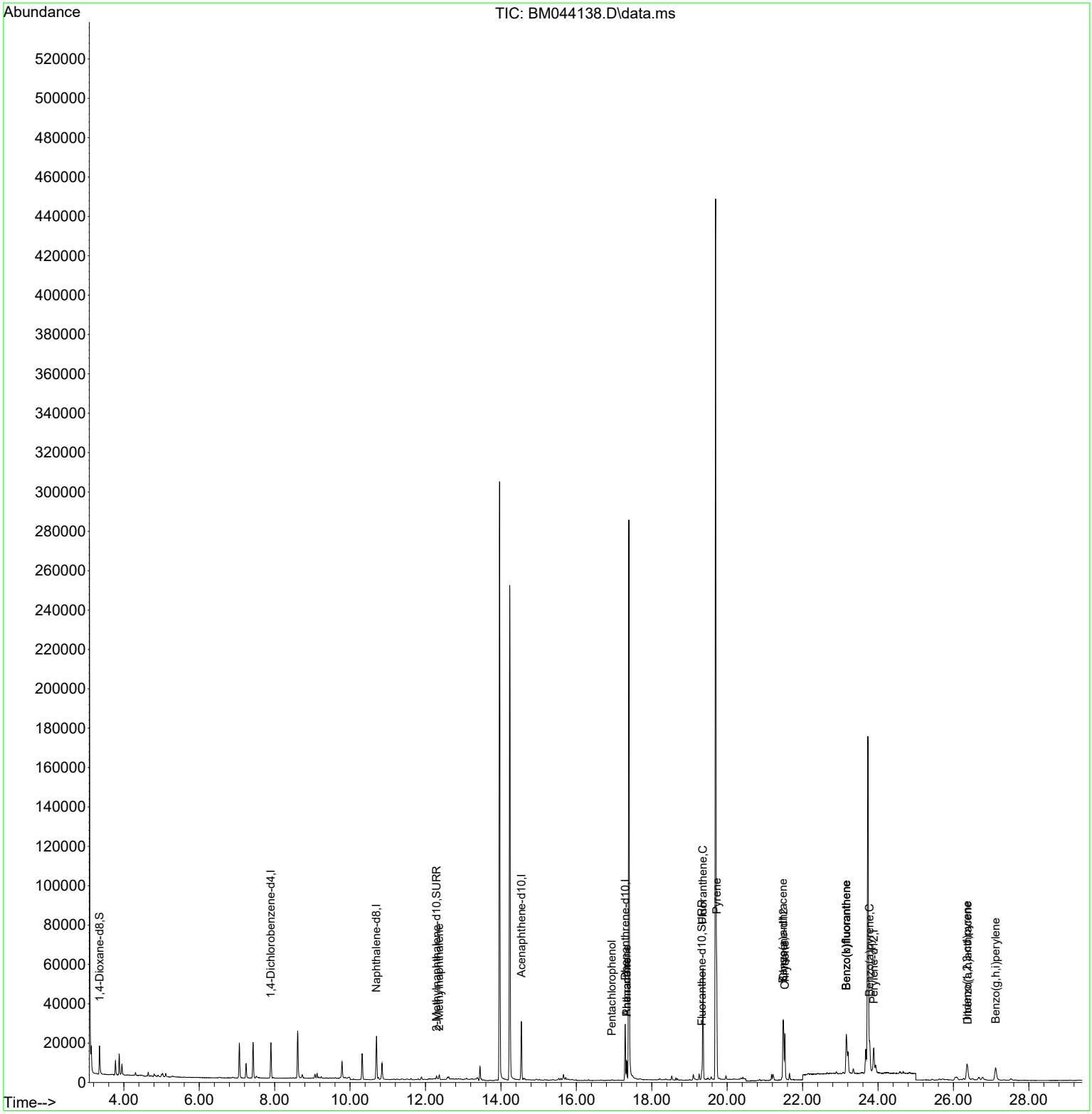
(#) = qualifier out of range (m) = manual integration (+) = signals summed

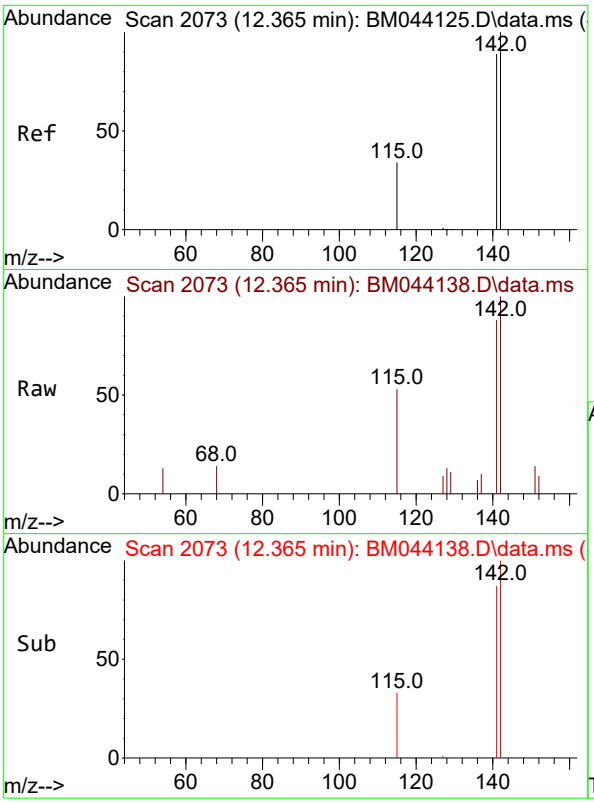
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044138.D
Acq On : 16 Feb 2024 14:33
Operator : MA/JU
Sample : P1329-14DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Quant Time: Feb 16 22:39:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration



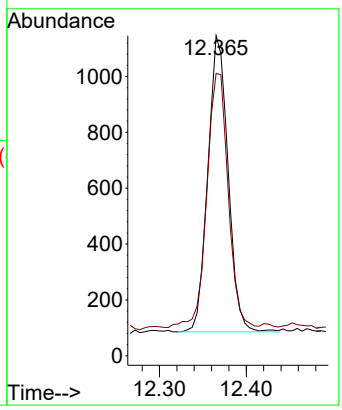


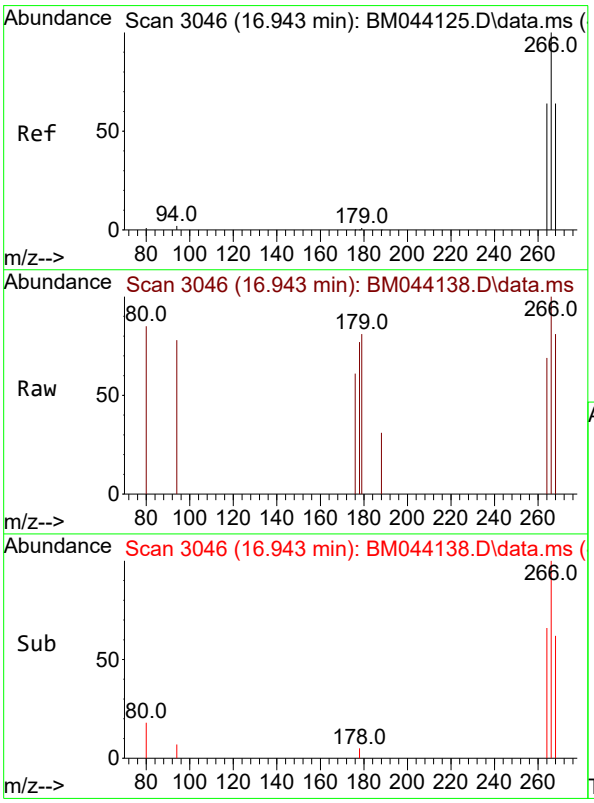
#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.365 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Tgt Ion:142 Resp: 1713

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.0	105.0

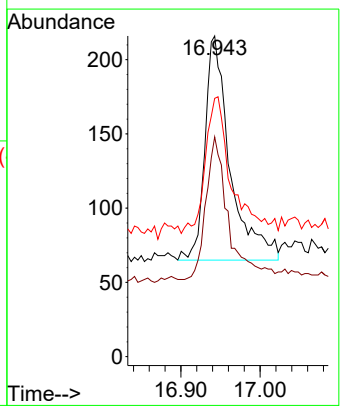


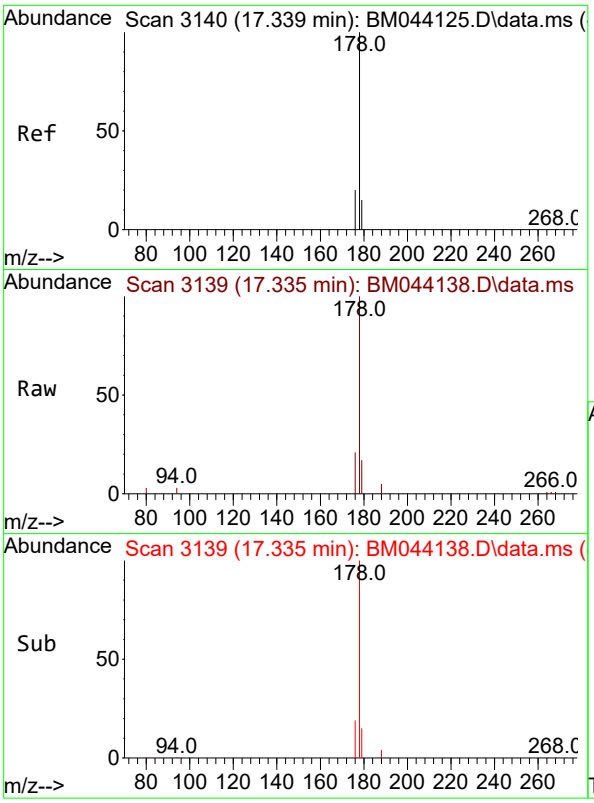


#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.943 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Tgt Ion:266 Resp: 334

Ion	Ratio	Lower	Upper
266	100		
264	67.1	49.4	74.0
268	62.3	52.1	78.1



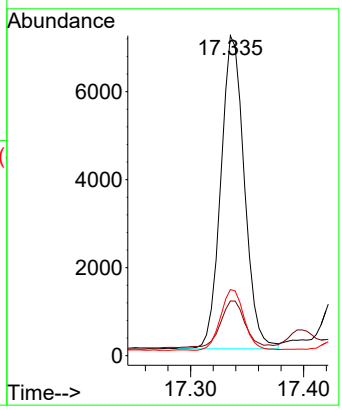


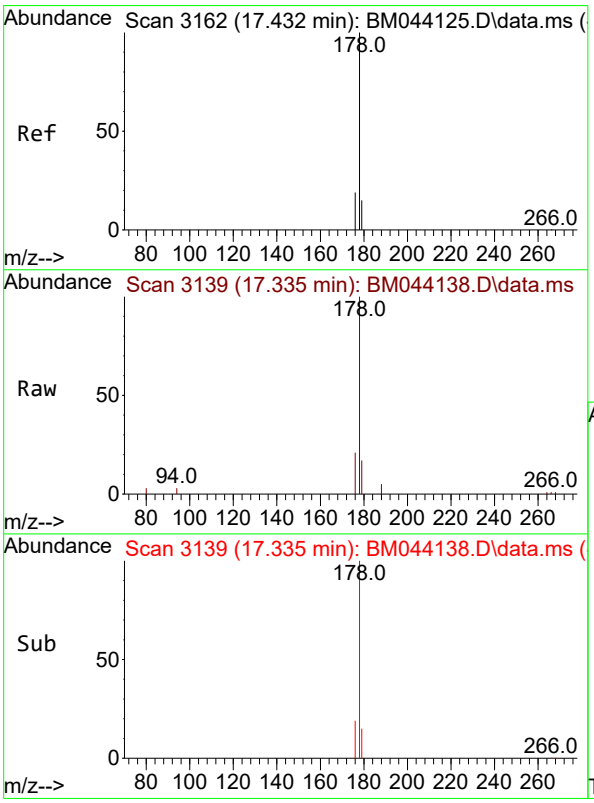
#15
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.335 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Tgt Ion:178 Resp: 10282

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	20.6	16.0	24.0

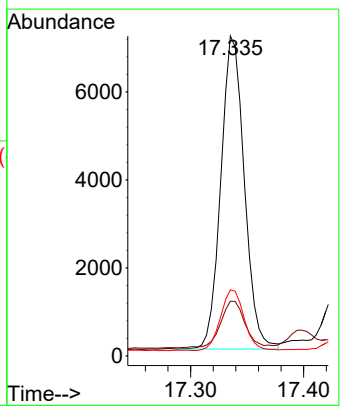


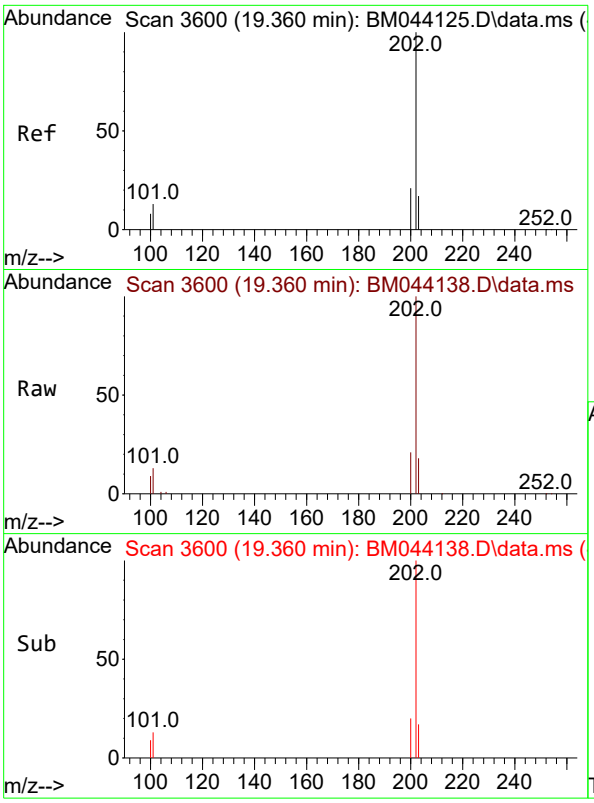


#16
Anthracene
Concen: 0.099 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.100 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Tgt Ion:178 Resp: 10282

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.8	19.2
176	20.6	15.3	22.9



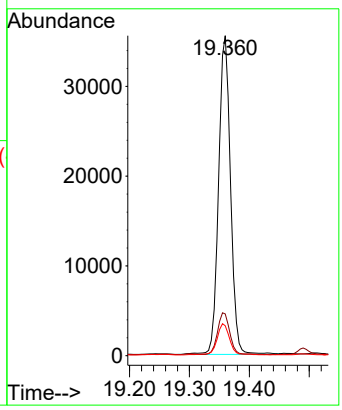


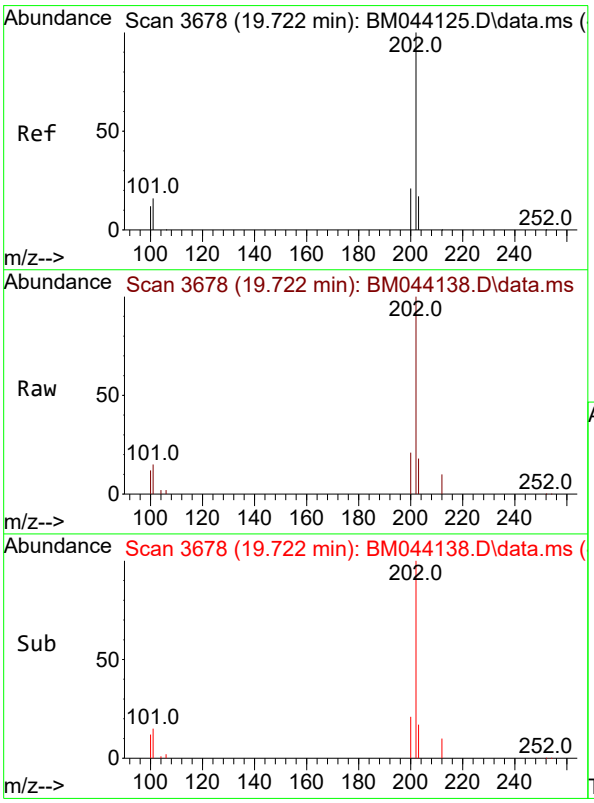
#19
Fluoranthene
Concen: 0.544 ng/ul
RT: 19.360 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Tgt Ion:202 Resp: 49022

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.6
100	9.3	7.0	10.4

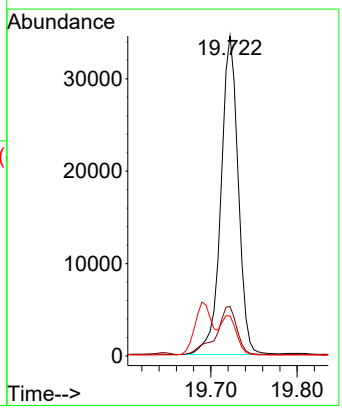


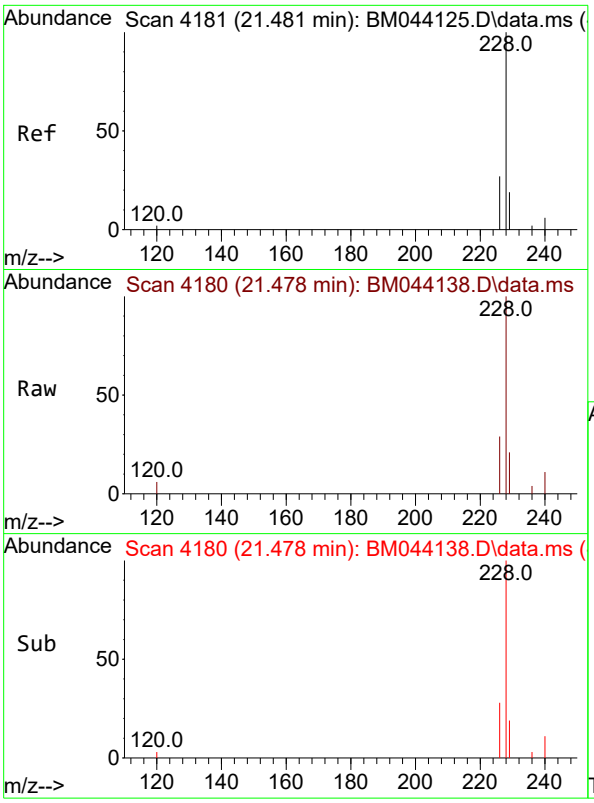


#20
Pyrene
Concen: 0.507 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Tgt Ion:202 Resp: 48071

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.2	16.8
100	12.5	8.6	13.0



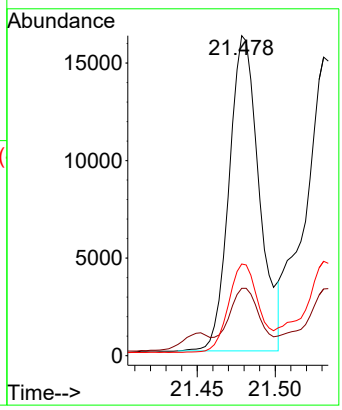


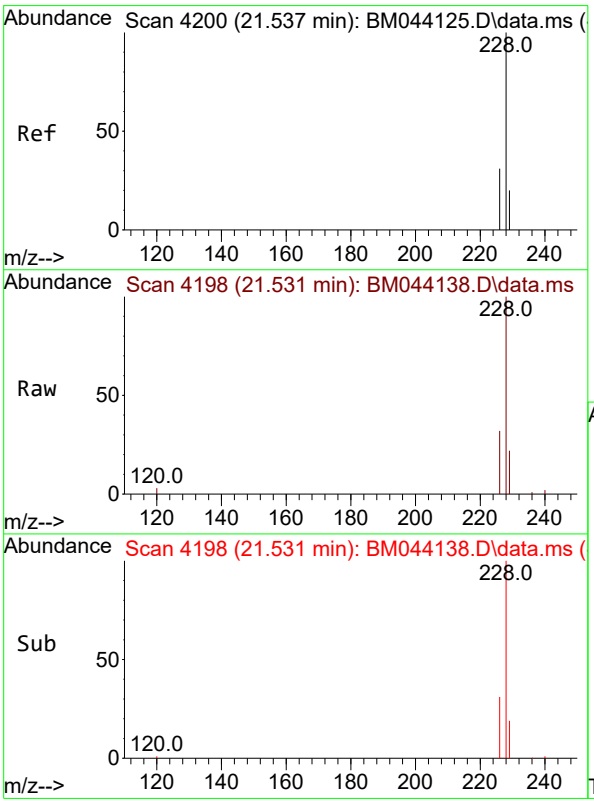
#21
Benzo(a)anthracene
Concen: 0.240 ng/ul
RT: 21.478 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Tgt Ion:228 Resp: 21749

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.2
226	28.7	22.1	33.1

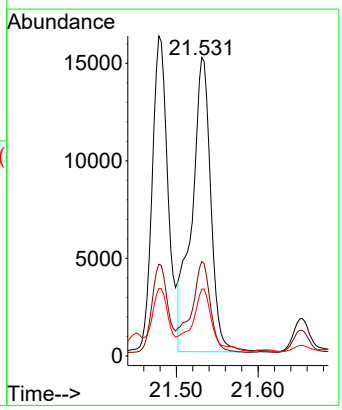


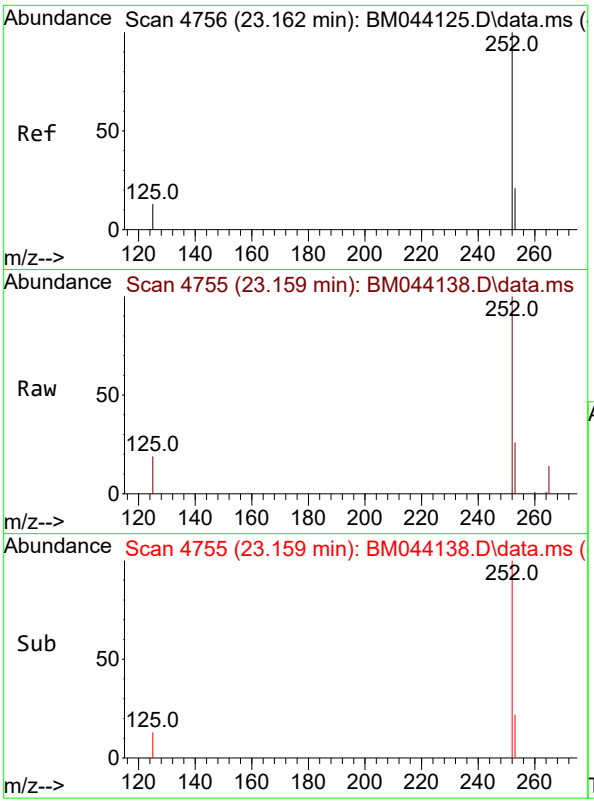


#22
Chrysene
Concen: 0.251 ng/ul
RT: 21.531 min Scan# 4198
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Tgt Ion:228 Resp: 24499

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.2
229	22.3	15.8	23.6



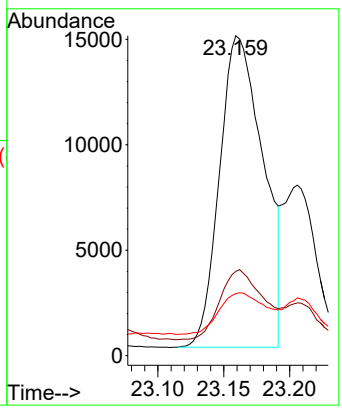


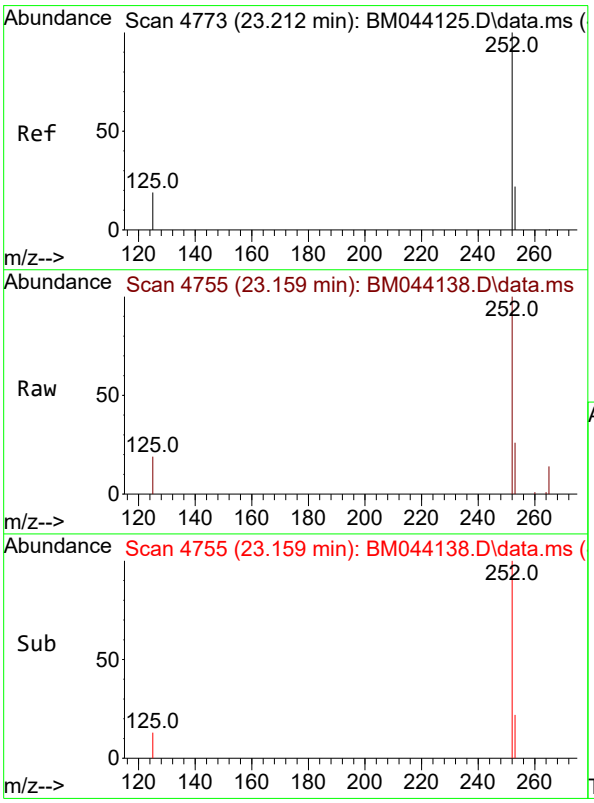
#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.159 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Tgt Ion:252 Resp: 33944

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	50.0
125	19.4	0.0	28.2

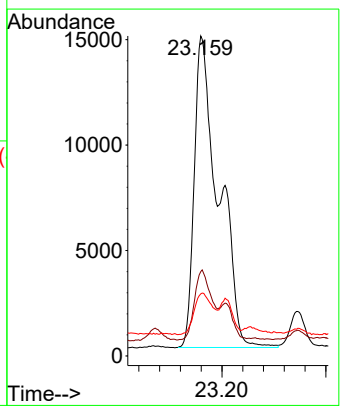


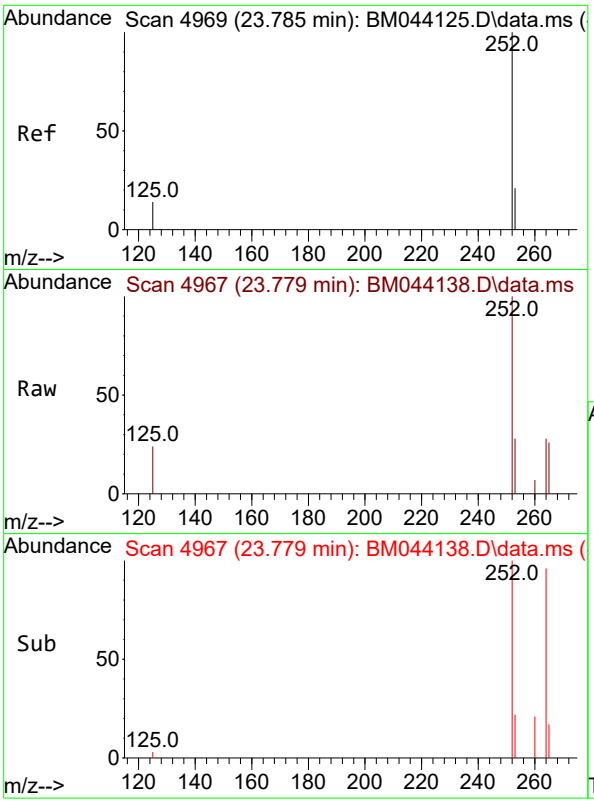


#25
Benzo(k)fluoranthene
Concen: 0.544 ng/ul
RT: 23.159 min Scan# 4755
Delta R.T. -0.053 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Tgt Ion:252 Resp: 47947

Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.1	30.1
125	19.4	12.3	18.5#



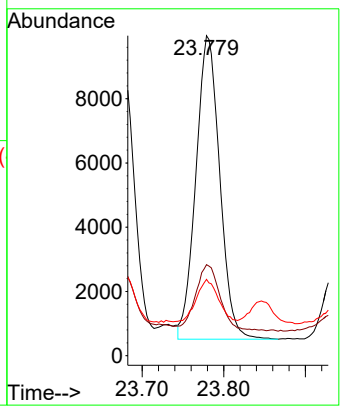


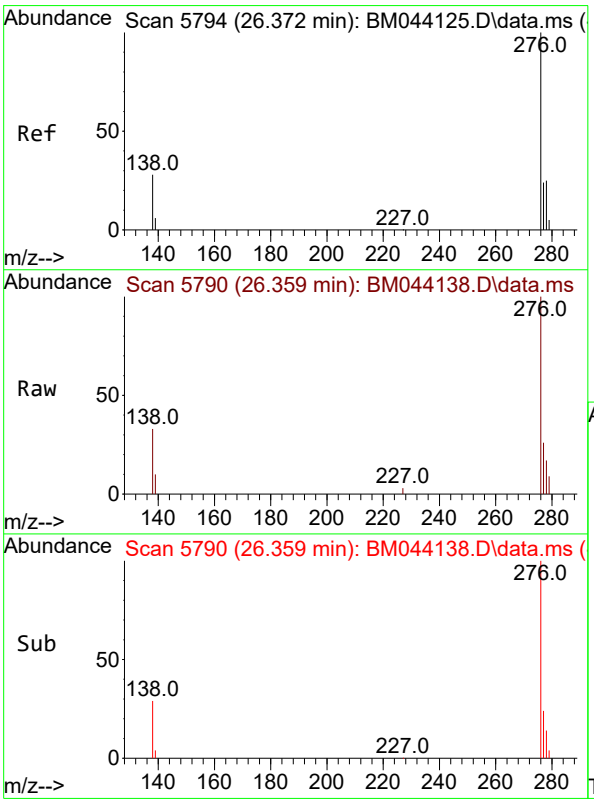
#26
Benzo(a)pyrene
Concen: 0.254 ng/ul
RT: 23.779 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Tgt Ion:252 Resp: 19168

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.4	32.2
125	23.8	13.3	19.9#

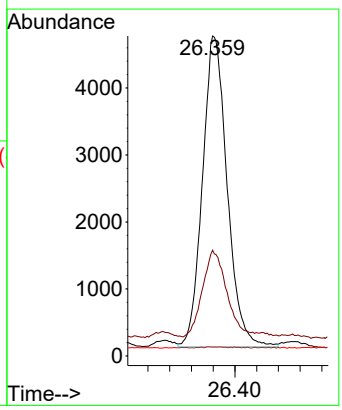


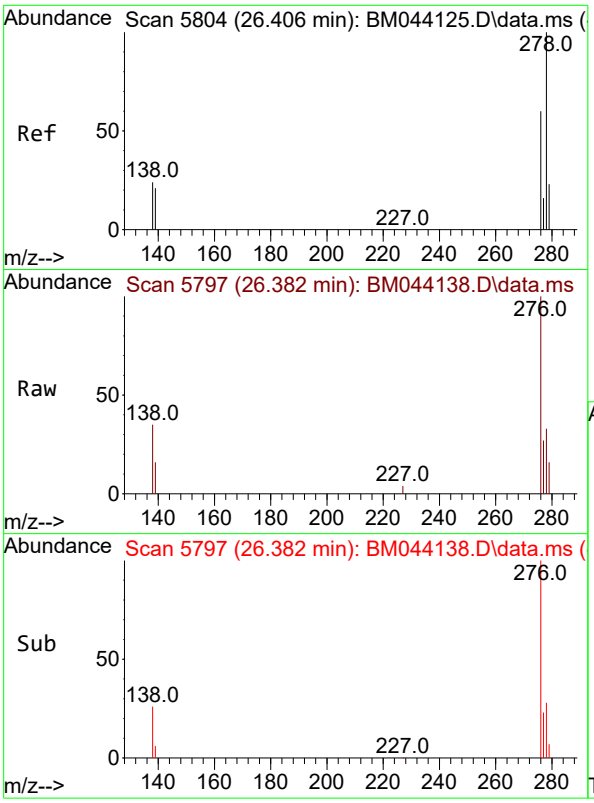


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.152 ng/ul
RT: 26.359 min Scan# 5790
Delta R.T. -0.011 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Tgt Ion:276 Resp: 14617

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.2	37.8
227	0.2	0.1	0.1#



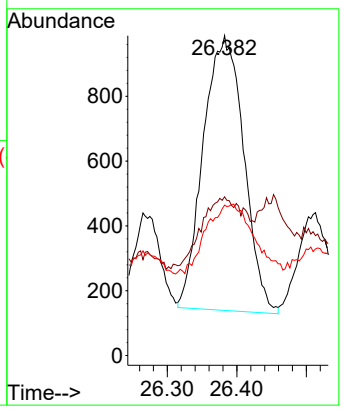


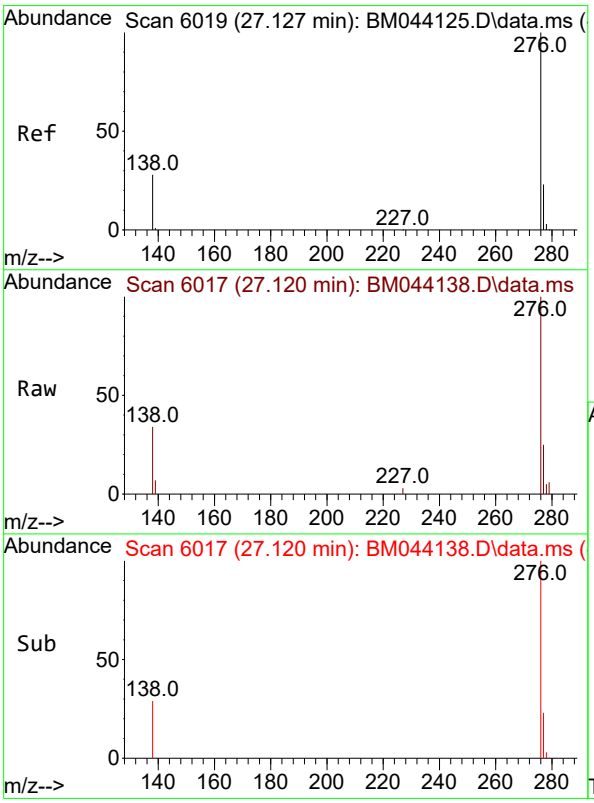
#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.382 min Scan# 5
Delta R.T. -0.028 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Instrument :
BNA_M
ClientSampleId :
C0FR5DL

Tgt Ion:278 Resp: 3428

Ion	Ratio	Lower	Upper
278	100		
139	49.6	17.8	26.8#
279	47.0	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 27.120 min Scan# 6017
Delta R.T. -0.007 min
Lab File: BM044138.D
Acq: 16 Feb 2024 14:33

Tgt Ion:276 Resp: 14217

Ion	Ratio	Lower	Upper
276	100		
138	34.3	22.7	34.1#
277	25.3	19.0	28.6