Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123024\
Data File : BM049297.D
Acq On : 30 Dec 2024 11:34
Operator : RC/JU
Sample : P5351-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2922DL

Quant Time: Dec 30 12:20:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	5752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	16635	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	9507	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	20108	0.400	ng/ul	0.00
17) Chrysene-d12	21.135	240	16723	0.400	ng/ul	0.00
23) Perylene-d12	23.288	264	16998m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3776	0.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	791	0.035	ng/ul	0.01
18) Fluoranthene-d10	18.964	212	1730	0.036	ng/ul	0.00
Target Compounds						Qvalue
12) Fluorene	15.236	166	874	0.027	ng/ul#	93
15) Phenanthrene	16.971	178	22646	0.431	ng/ul	99
16) Anthracene	17.060	178	7691	0.160	ng/ul	96
19) Fluoranthene	18.996	202	51736	0.856	ng/ul	98
20) Pyrene	19.359	202	42590	0.660	ng/ul	98
21) Benzo(a)anthracene	21.117	228	20786	0.357	ng/ul	99
22) Chrysene	21.170	228	20744	0.332	ng/ul	97
24) Benzo(b)fluoranthene	22.648	252	22718m	0.418	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	9631m	0.162	ng/ul	
26) Benzo(a)pyrene	23.192	252	15462	0.297	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.420	276	11221	0.152	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.434	278	2818	0.049	ng/ul#	56
29) Benzo(g,h,i)perylene	26.071	276	11022	0.186	ng/ul	98

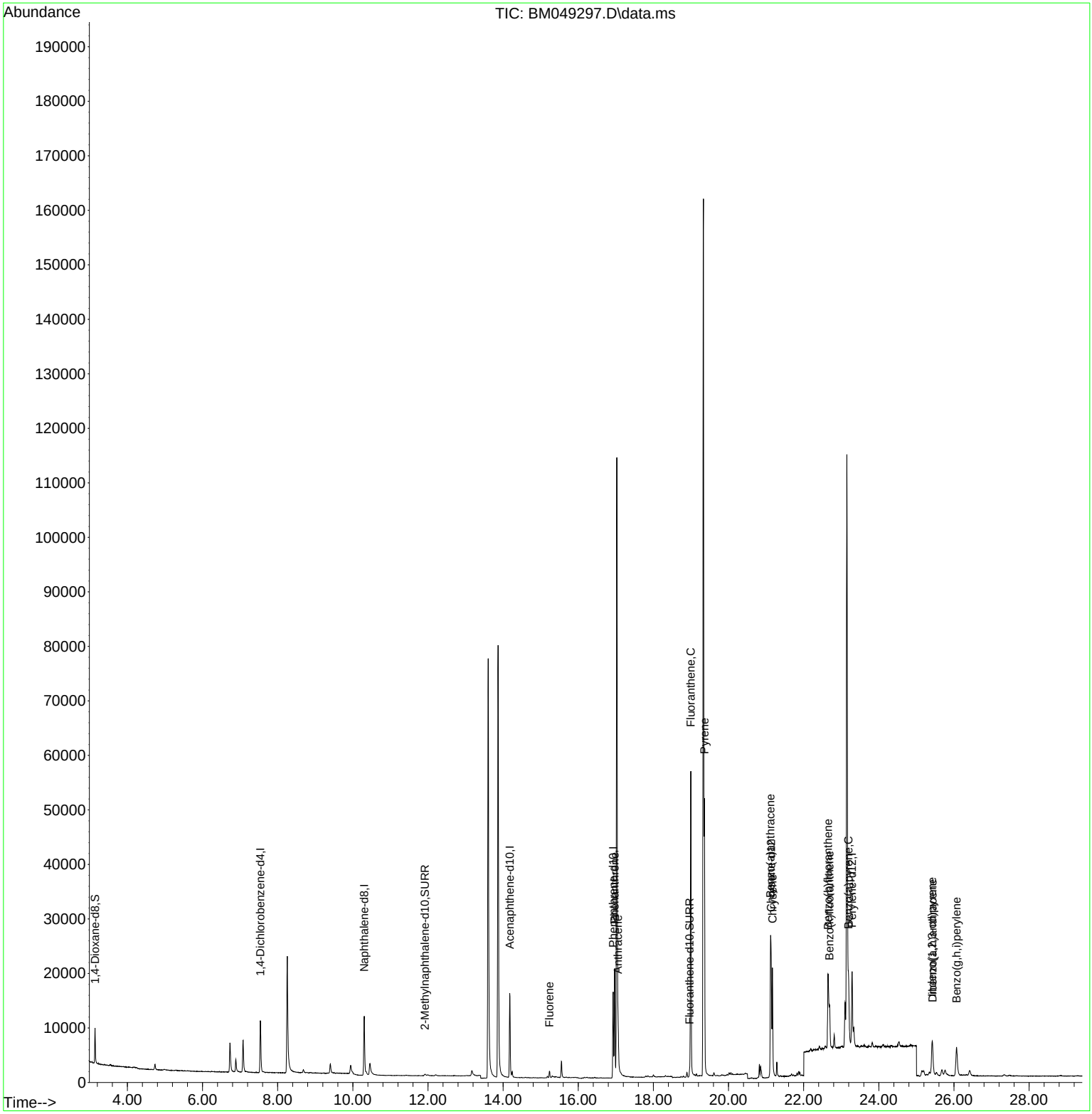
(#) = qualifier out of range (m) = manual integration (+) = signals summed

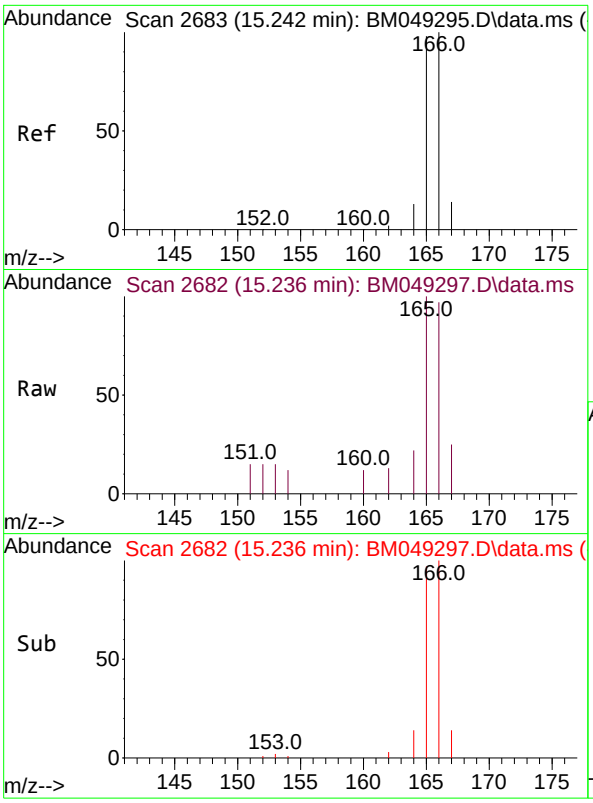
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123024\
Data File : BM049297.D
Acq On : 30 Dec 2024 11:34
Operator : RC/JU
Sample : P5351-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2922DL

Quant Time: Dec 30 12:20:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



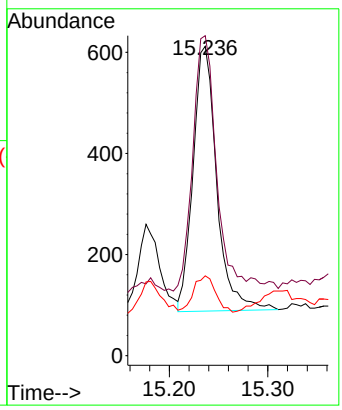


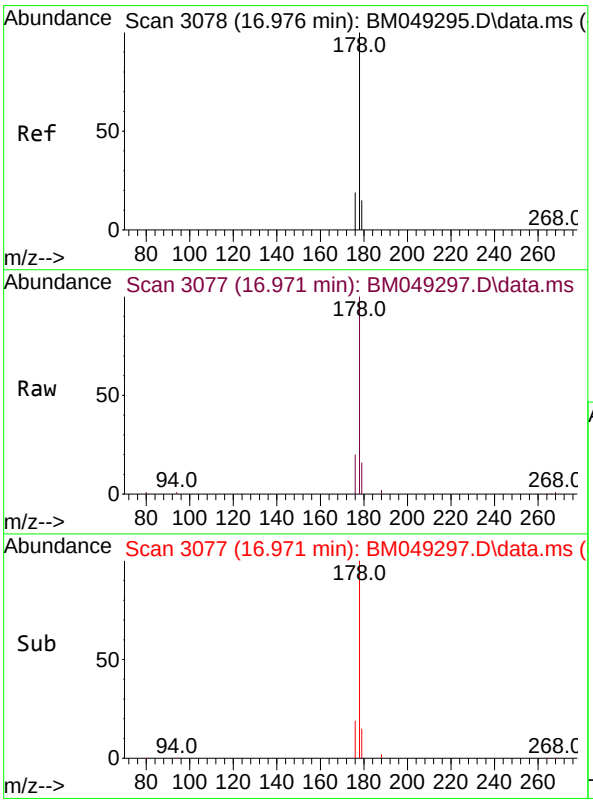
#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.236 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Instrument :
BNA_M
ClientSampleId :
E2922DL

Tgt Ion:166 Resp: 874

Ion	Ratio	Lower	Upper
166	100		
165	103.4	79.7	119.5
167	25.8	11.4	17.0#

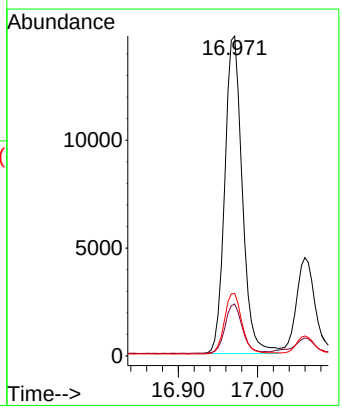


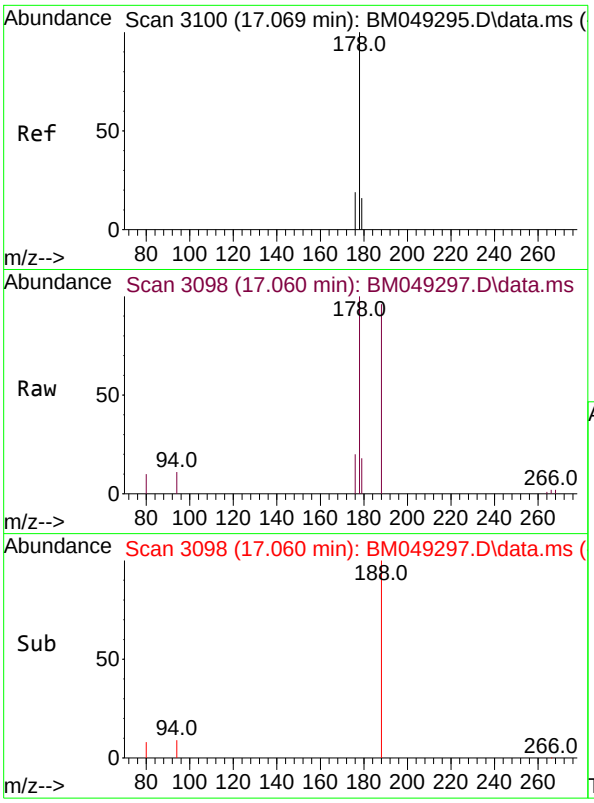


#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Tgt Ion:178 Resp: 22646

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	19.5	16.2	24.2



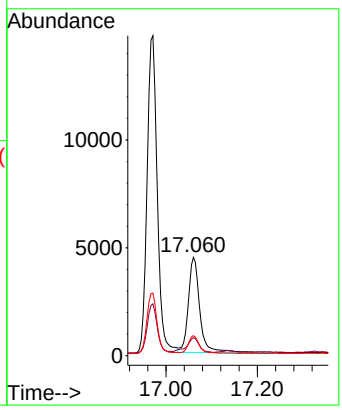


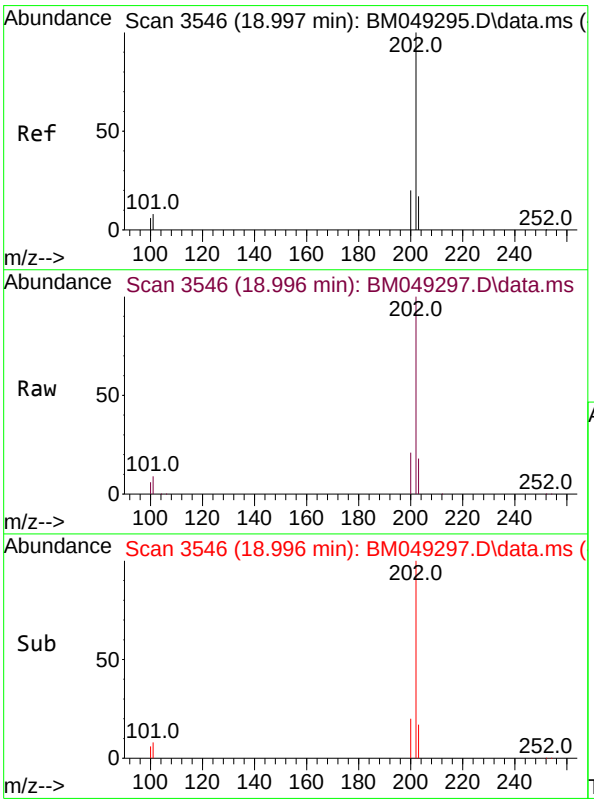
#16
Anthracene
Concen: 0.160 ng/ul
RT: 17.060 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Instrument :
BNA_M
ClientSampleId :
E2922DL

Tgt Ion:178 Resp: 7691

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.9	19.3
176	20.4	15.3	22.9

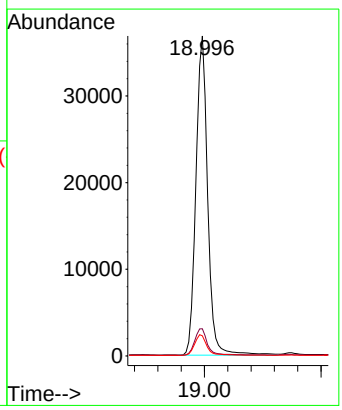


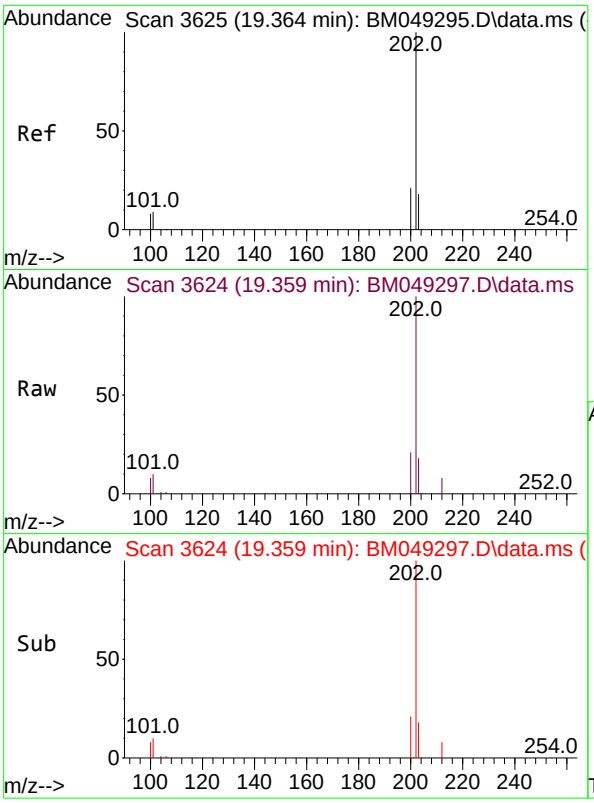


#19
Fluoranthene
Concen: 0.856 ng/ul
RT: 18.996 min Scan# 3546
Delta R.T. -0.004 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Tgt Ion:202 Resp: 51736

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.6	11.4
100	6.3	5.5	8.3



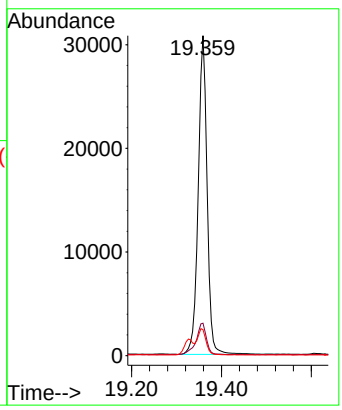


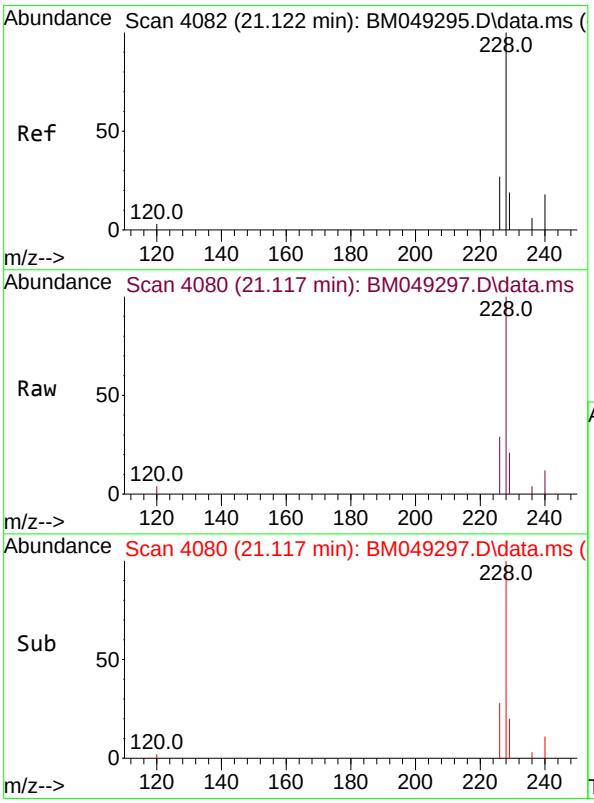
#20
Pyrene
Concen: 0.660 ng/ul
RT: 19.359 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Instrument :
BNA_M
ClientSampleId :
E2922DL

Tgt Ion:202 Resp: 42590

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	8.1	6.9	10.3

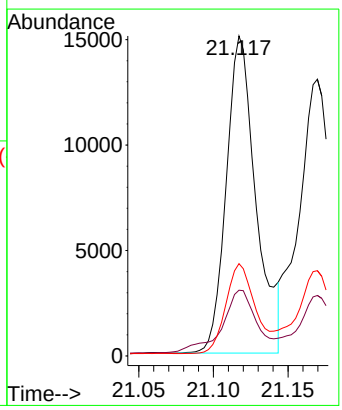


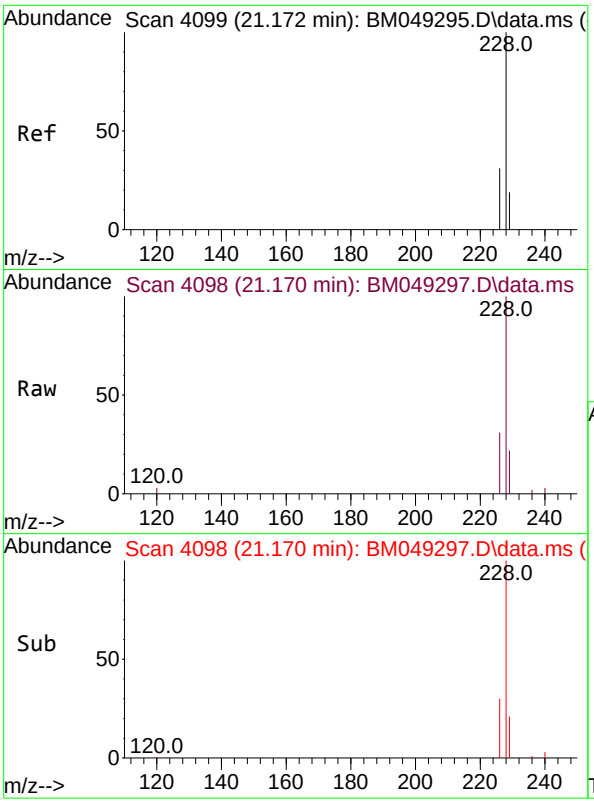


#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. -0.003 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Tgt Ion:228 Resp: 20786

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	28.8	22.6	34.0



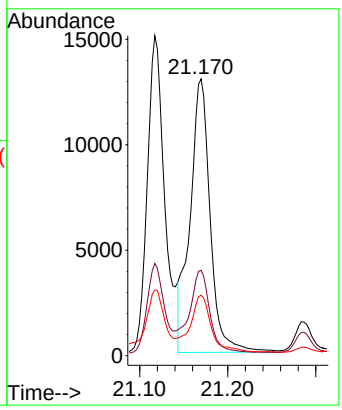


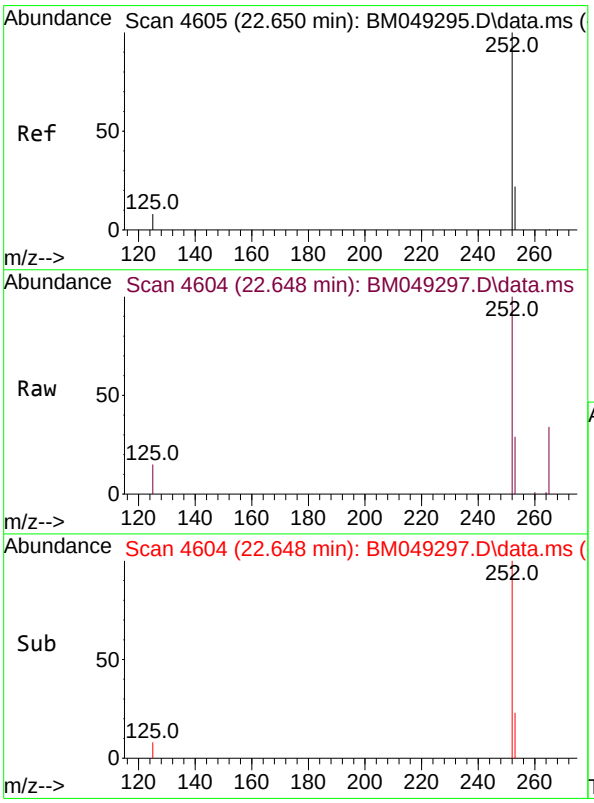
#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.170 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Instrument :
BNA_M
ClientSampleId :
E2922DL

Tgt Ion:228 Resp: 20744

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	21.9	15.8	23.8

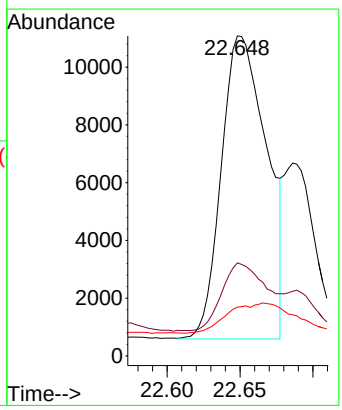


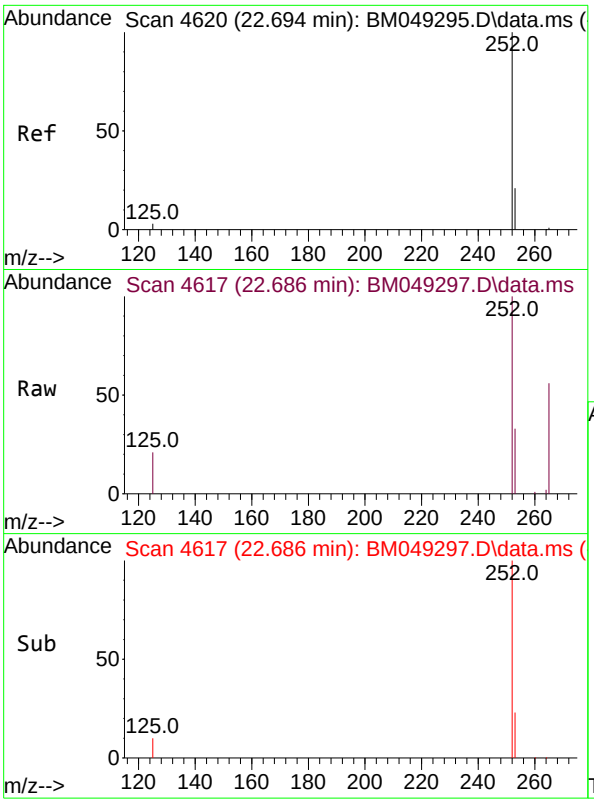


#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. 0.000 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Tgt Ion:252 Resp: 22718

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	52.6
125	15.3	0.0	30.8



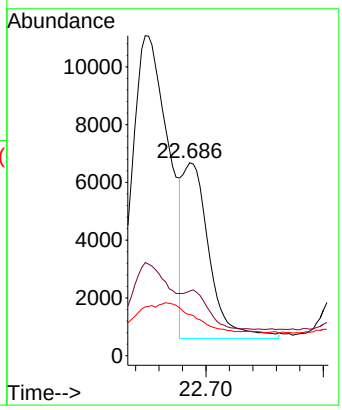


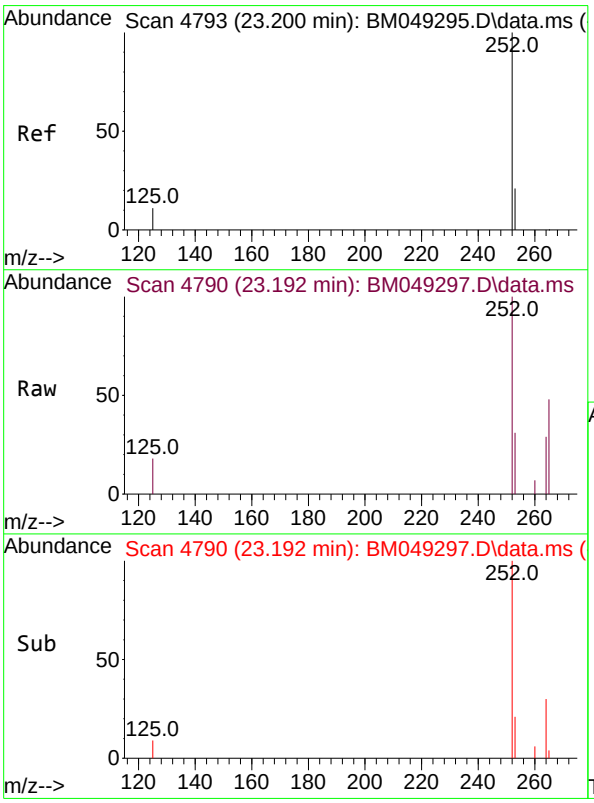
#25
Benzo(k)fluoranthene
Concen: 0.162 ng/ul m
RT: 22.686 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Instrument :
BNA_M
ClientSampleId :
E2922DL

Tgt Ion:252 Resp: 9631

Ion	Ratio	Lower	Upper
252	100		
253	33.5	21.3	31.9#
125	21.3	12.6	18.8#

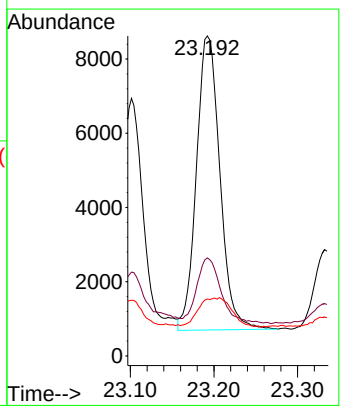


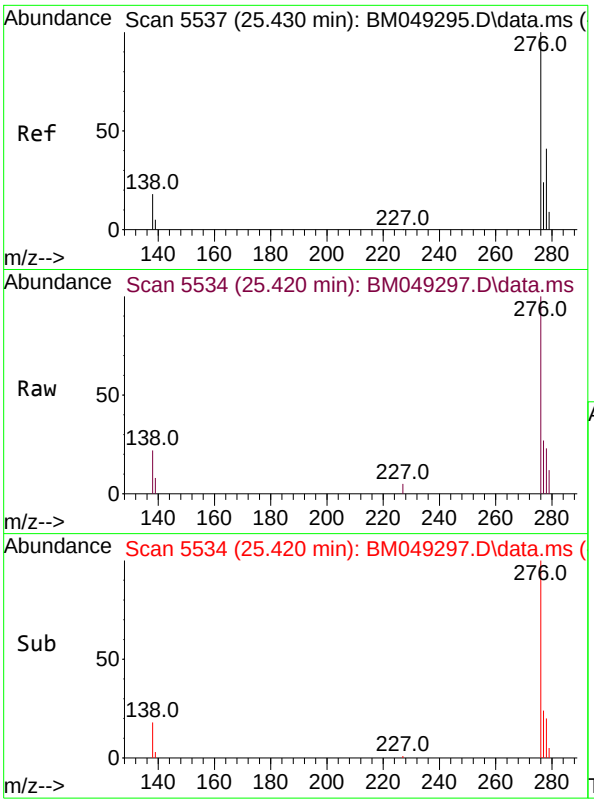


#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.192 min Scan# 4790
Delta R.T. 0.000 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Tgt Ion:252 Resp: 15462

Ion	Ratio	Lower	Upper
252	100		
253	30.6	22.4	33.6
125	17.8	14.8	22.2



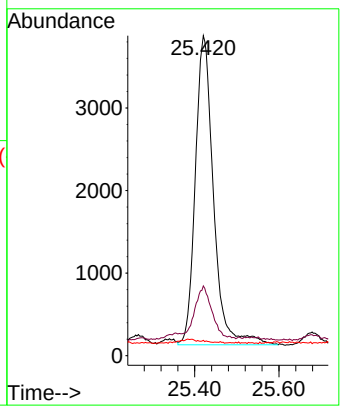


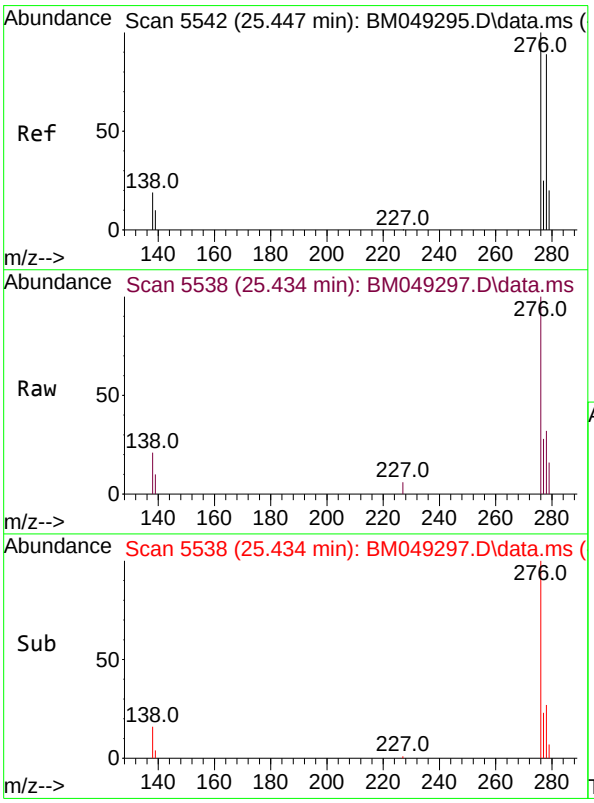
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.152 ng/ul
RT: 25.420 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Instrument :
BNA_M
ClientSampleId :
E2922DL

Tgt Ion:276 Resp: 11221

Ion	Ratio	Lower	Upper
276	100		
138	16.1	17.4	26.2#
227	0.0	0.2	0.2#

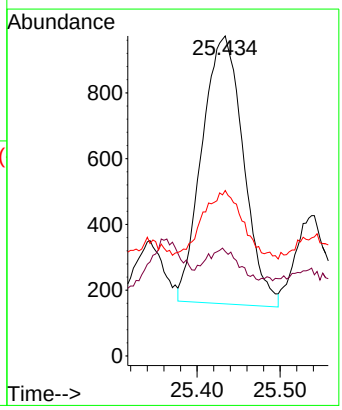


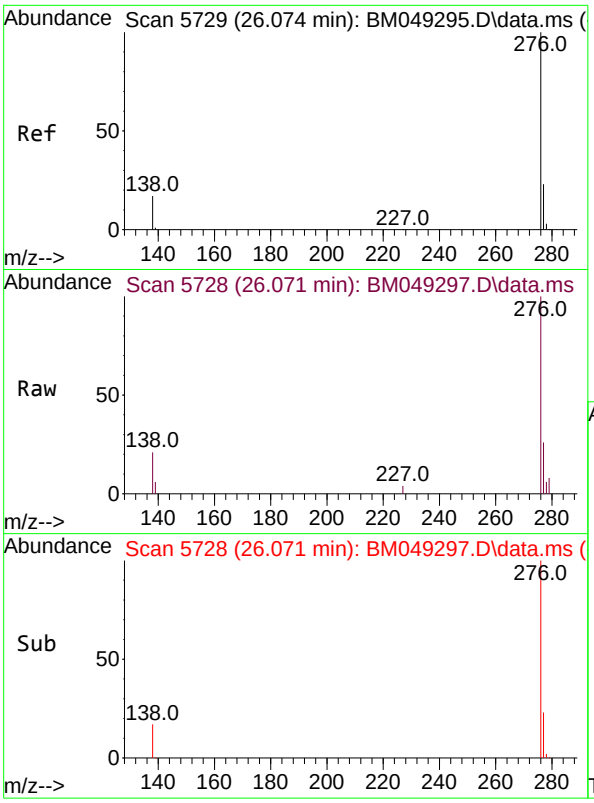


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.434 min Scan# 5538
Delta R.T. -0.003 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Tgt Ion:278 Resp: 2818

Ion	Ratio	Lower	Upper
278	100		
139	32.7	13.5	20.3#
279	51.7	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 26.071 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM049297.D
Acq: 30 Dec 2024 11:34

Instrument :
BNA_M
ClientSampleId :
E2922DL

Tgt Ion:276 Resp: 11022

Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.7	25.1
277	26.0	19.9	29.9