Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX7

Quant Time: Apr 23 08:32:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1108	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.320	136	3539	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.200	164	2148	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.064	188	198402	0.400	ng/ul	# 0.06
17) Chrysene-d12	21.184	240	3215	0.400	ng/ul	-0.03
23) Perylene-d12	23.373	264	3999	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	4201	2.829	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.925	152	1078	0.231	ng/ul	-0.05
18) Fluoranthene-d10	19.006	212	2526	0.250	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.364	128	4552	0.479	ng/ul#	89
7) 2-Methylnaphthalene	12.002	142	1310	0.241	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	717	0.118	ng/ul	99
10) Acenaphthylene	13.923	152	815	0.077	ng/ul#	82
11) Acenaphthene	14.265	153	292	0.037	ng/ul	95
12) Fluorene	15.264	166	426	0.051	ng/ul#	91
15) Phenanthrene	17.005	178	14238	0.025	ng/ul	94
19) Fluoranthene	19.038	202	30600	2.062	ng/ul#	89
20) Pyrene	19.401	202	26117	1.713	ng/ul#	92
21) Benzo(a)anthracene	21.167	228	14223	1.384	ng/ul	96
22) Chrysene	21.220	228	18092	1.145	ng/ul	99
24) Benzo(b)fluoranthene	22.719	252	28471	2.116	ng/ul	91
25) Benzo(k)fluoranthene	22.719	252	36922	2.172	ng/ul#	91
26) Benzo(a)pyrene	23.274	252	12890	0.924	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.555	276	15067	0.743	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.679	278	962	0.060	ng/ul#	39
29) Benzo(g,h,i)perylene	26.219	276	13210	0.725	ng/ul	95

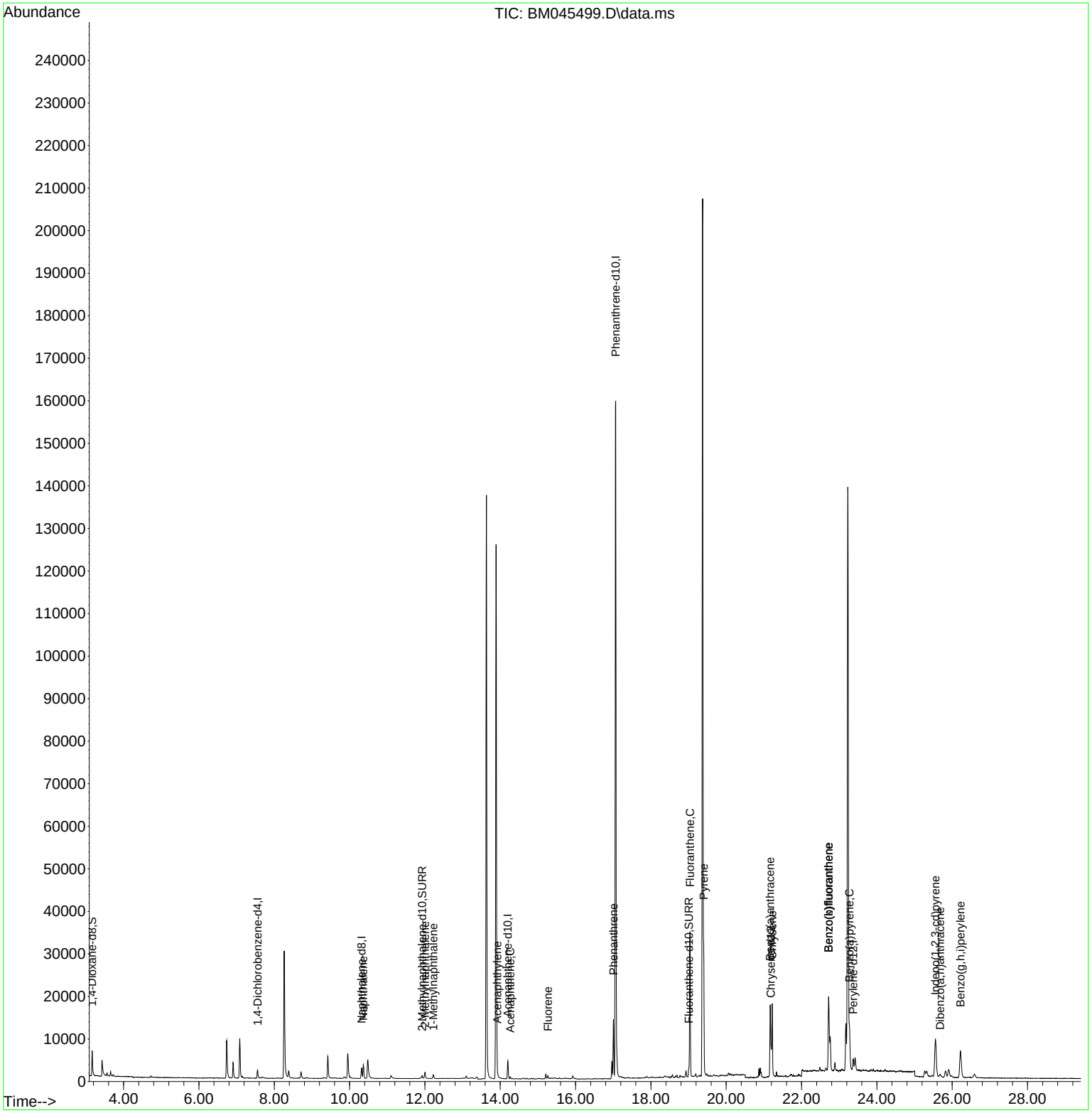
(#) = qualifier out of range (m) = manual integration (+) = signals summed

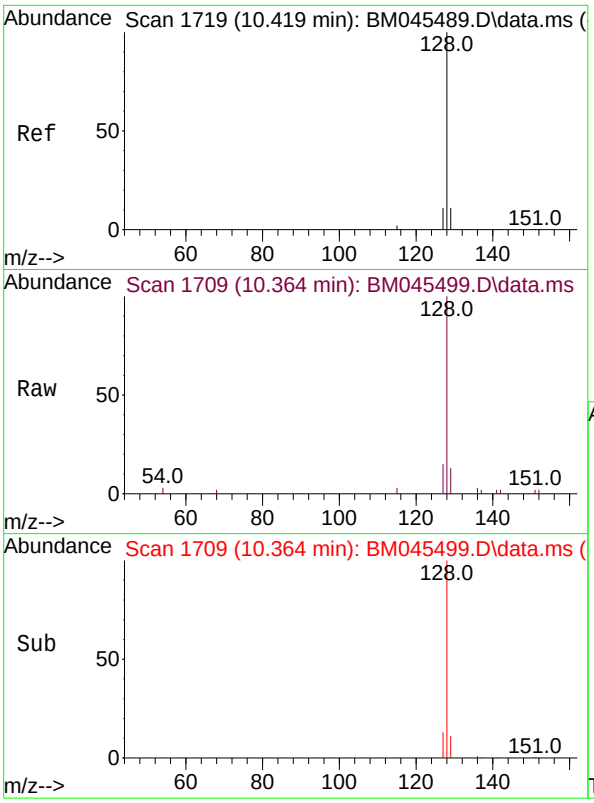
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX7

Quant Time: Apr 23 08:32:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration



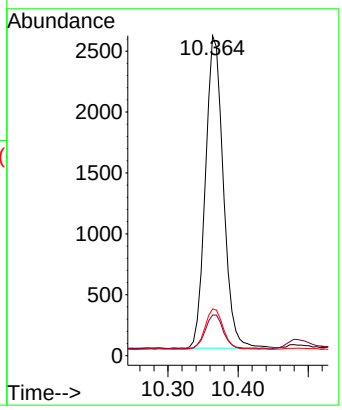


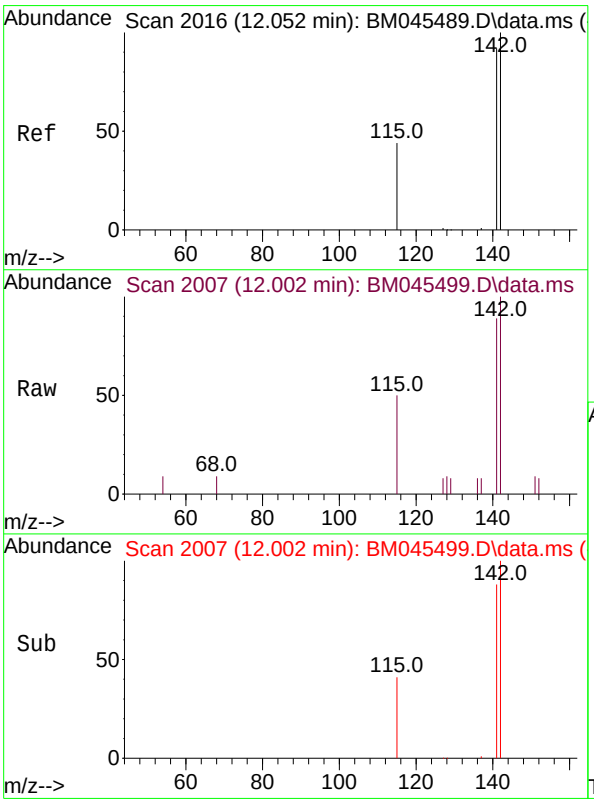
#5
Naphthalene
Concen: 0.479 ng/ul
RT: 10.364 min Scan# 1
Delta R.T. -0.055 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:128 Resp: 4552

Ion	Ratio	Lower	Upper
128	100		
129	12.7	14.0	21.0#
127	14.6	15.4	23.2#

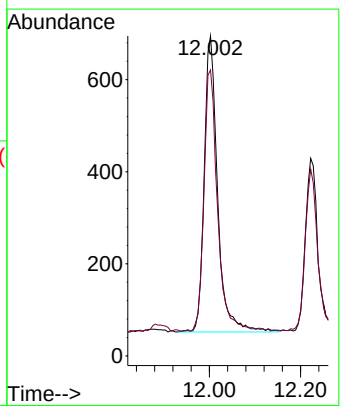


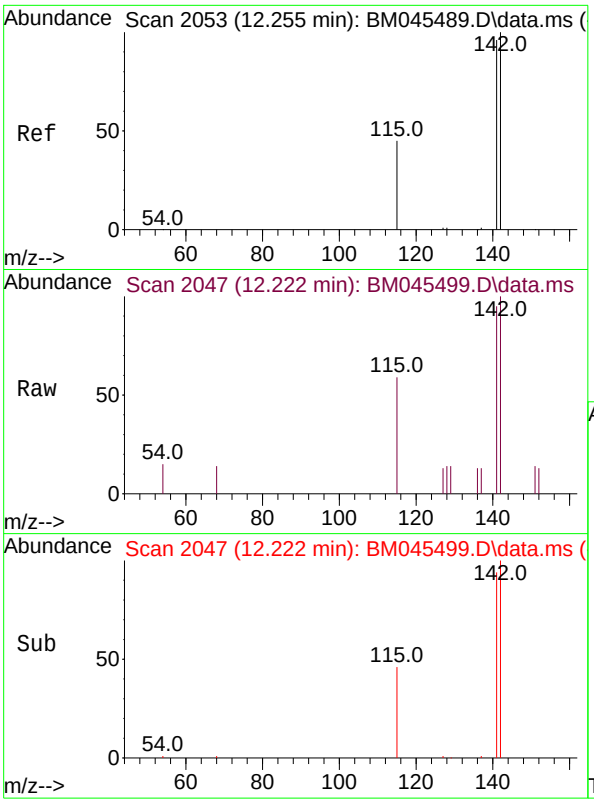


#7
2-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.002 min Scan# 2007
Delta R.T. -0.049 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:142 Resp: 1310

Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.6	111.8



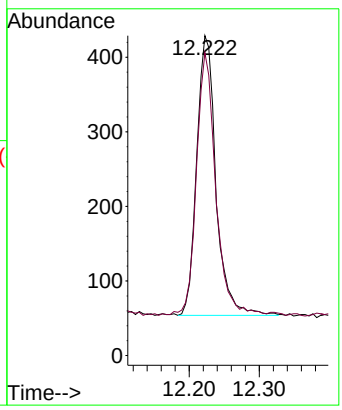


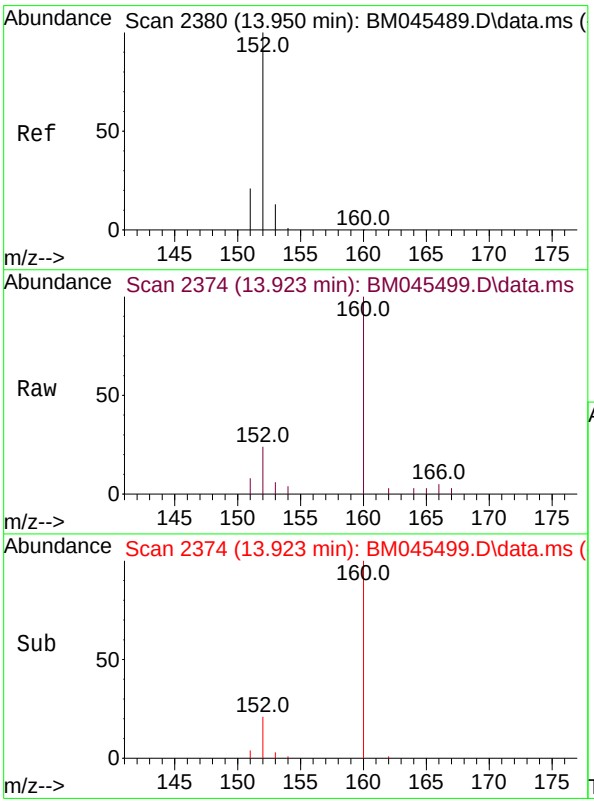
#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.222 min Scan# 2
Delta R.T. -0.033 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:142 Resp: 717

Ion	Ratio	Lower	Upper
142	100		
141	94.1	76.1	114.1

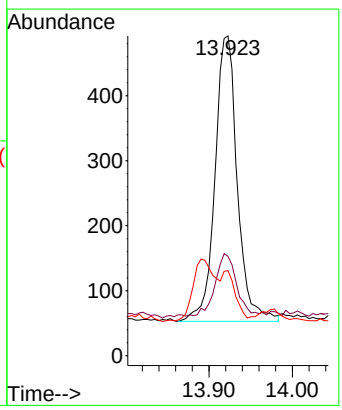


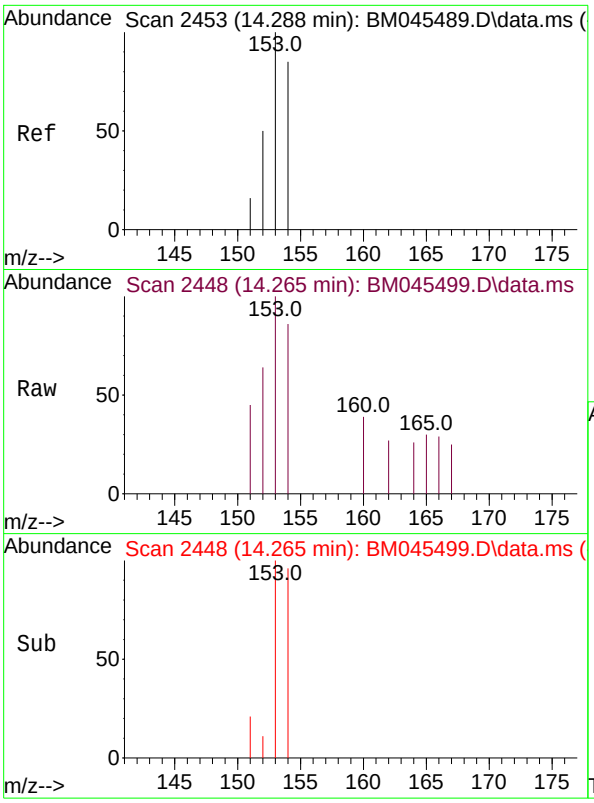


#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.923 min Scan# 2374
Delta R.T. -0.028 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:152 Resp: 815

Ion	Ratio	Lower	Upper
152	100		
151	31.1	18.6	28.0#
153	26.6	14.1	21.1#



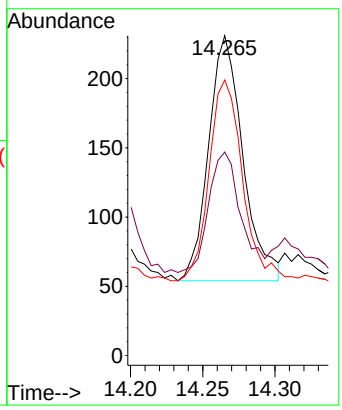


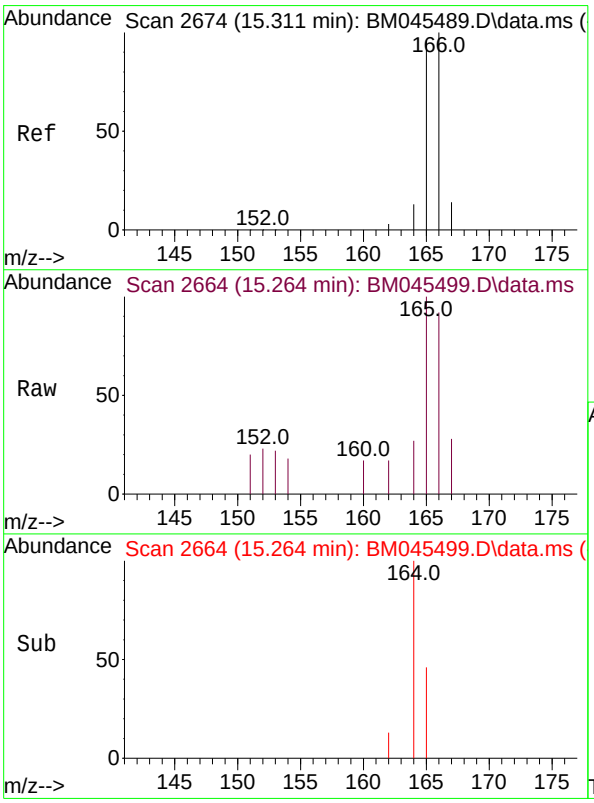
#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.265 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:153 Resp: 292

Ion	Ratio	Lower	Upper
153	100		
152	63.6	43.4	65.2
154	86.1	69.0	103.6

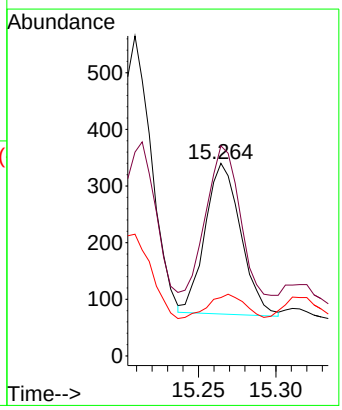


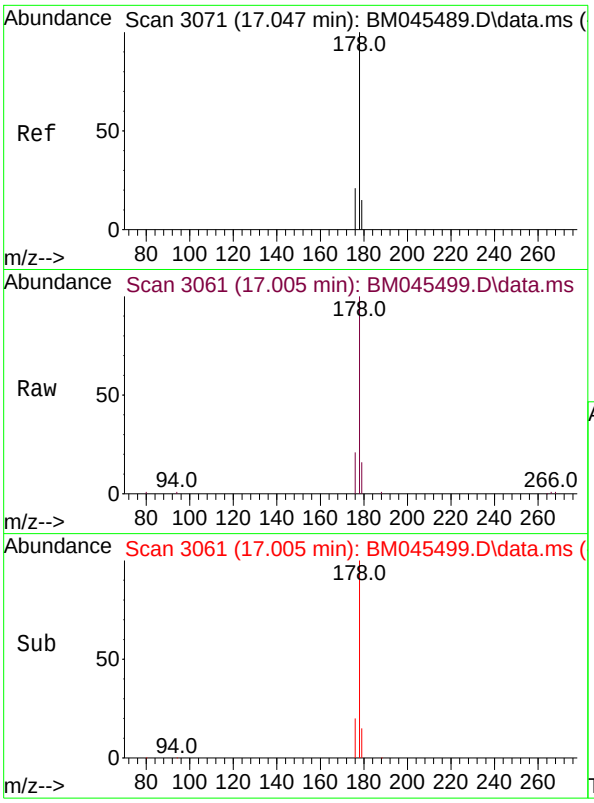


#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.264 min Scan# 2664
Delta R.T. -0.046 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:166 Resp: 426

Ion	Ratio	Lower	Upper
166	100		
165	109.1	82.2	123.2
167	30.3	14.8	22.2#



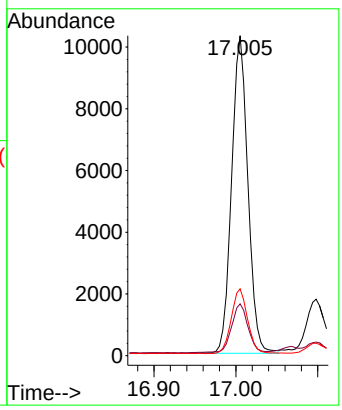


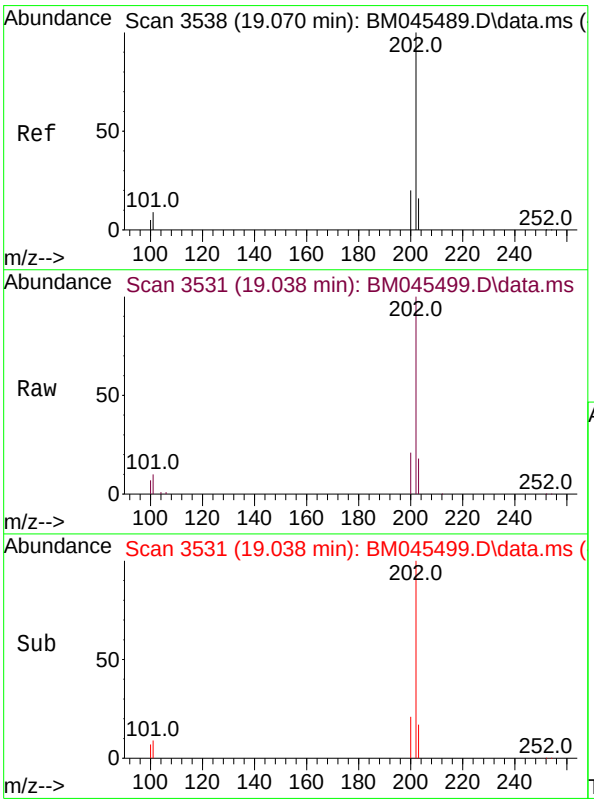
#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.005 min Scan# 3
Delta R.T. -0.042 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:178 Resp: 14238

Ion	Ratio	Lower	Upper
178	100		
179	16.2	15.4	23.2
176	20.9	19.0	28.4

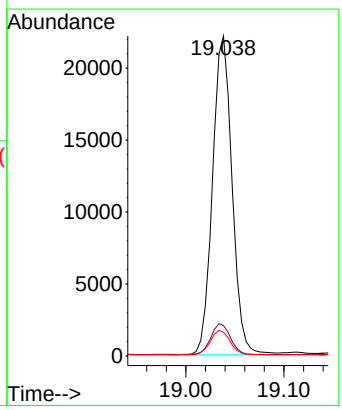


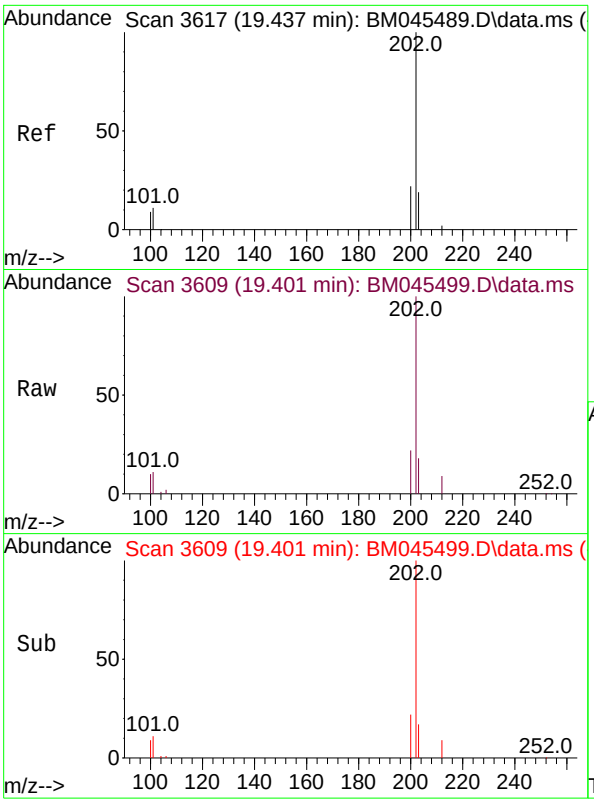


#19
Fluoranthene
Concen: 2.062 ng/ul
RT: 19.038 min Scan# 3531
Delta R.T. -0.032 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:202 Resp: 30600

Ion	Ratio	Lower	Upper
202	100		
101	9.5	11.2	16.8#
100	7.4	9.1	13.7#



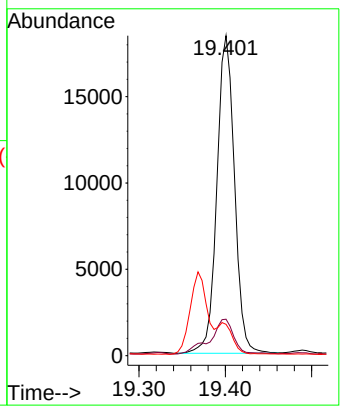


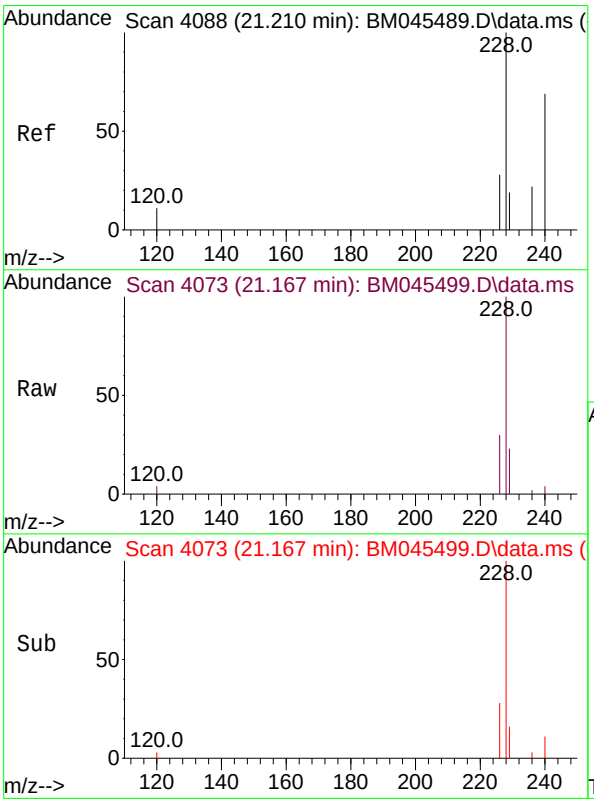
#20
Pyrene
Concen: 1.713 ng/ul
RT: 19.401 min Scan# 3
Delta R.T. -0.037 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:202 Resp: 26117

Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.5	17.3#
100	9.8	10.6	15.8#

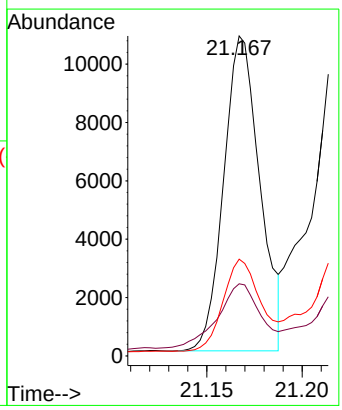


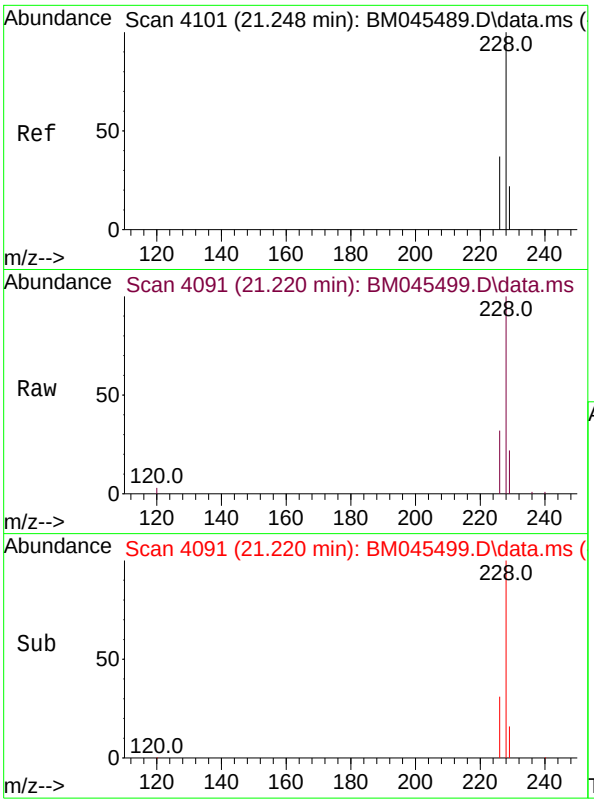


#21
Benzo(a)anthracene
Concen: 1.384 ng/ul
RT: 21.167 min Scan# 4073
Delta R.T. -0.043 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:228 Resp: 14223

Ion	Ratio	Lower	Upper
228	100		
229	22.6	19.4	29.2
226	30.3	26.3	39.5



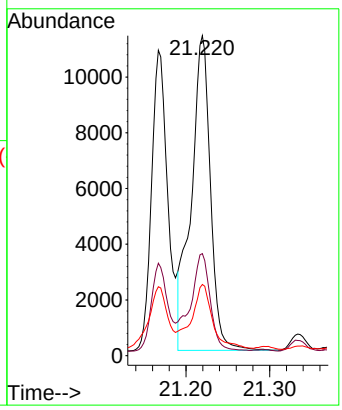


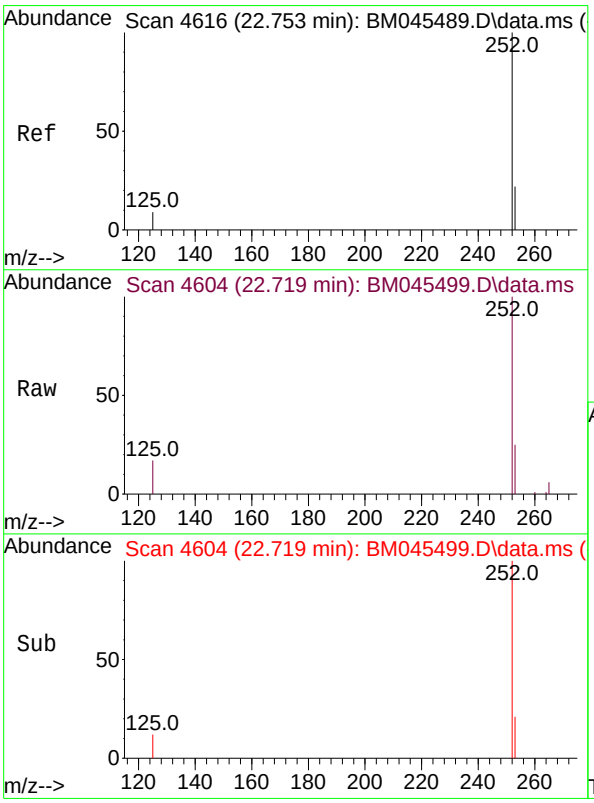
#22
Chrysene
Concen: 1.145 ng/ul
RT: 21.220 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:228 Resp: 18092

Ion	Ratio	Lower	Upper
228	100		
226	31.9	26.3	39.5
229	22.3	17.8	26.8

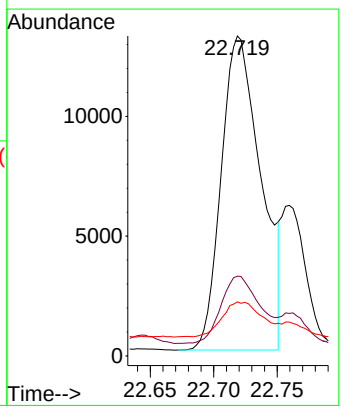


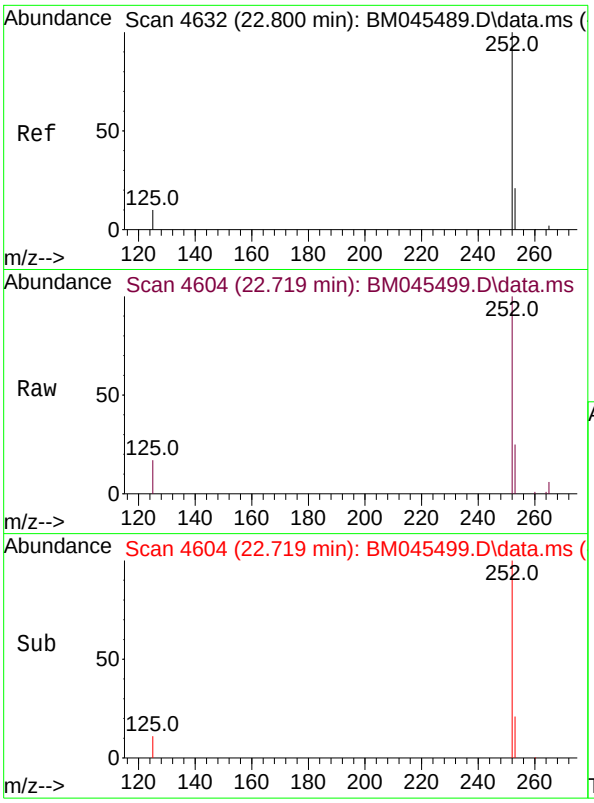


#24
Benzo(b)fluoranthene
Concen: 2.116 ng/ul
RT: 22.719 min Scan# 4604
Delta R.T. -0.035 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:252 Resp: 28471

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	63.4
125	16.9	0.0	36.8



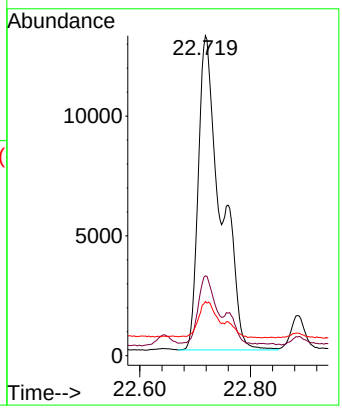


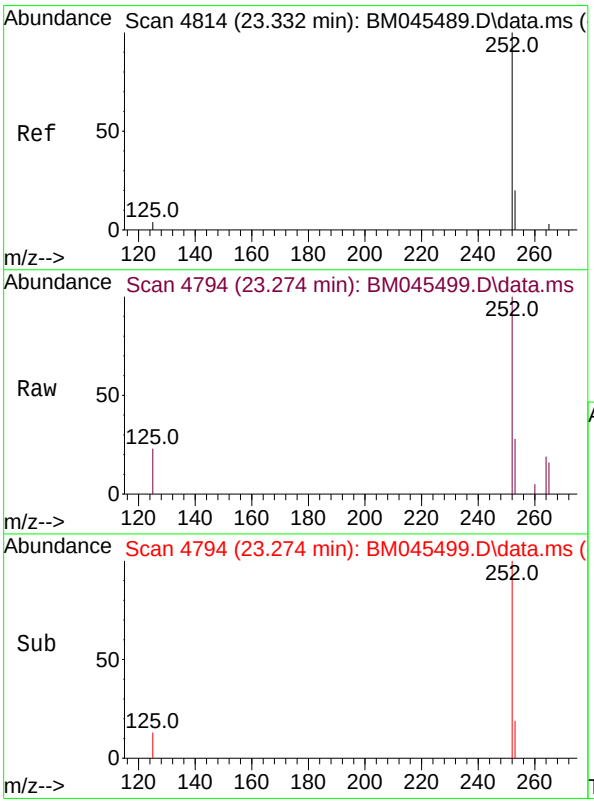
#25
Benzo(k)fluoranthene
Concen: 2.172 ng/ul
RT: 22.719 min Scan# 4
Delta R.T. -0.081 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:252 Resp: 36922

Ion	Ratio	Lower	Upper
252	100		
253	24.9	25.4	38.0#
125	16.9	14.8	22.2

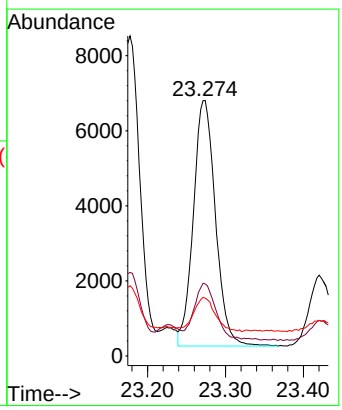


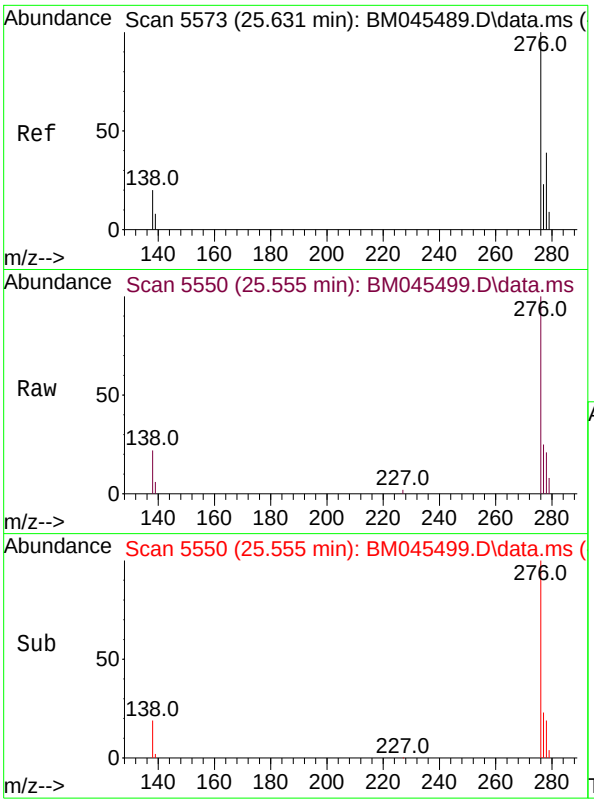


#26
Benzo(a)pyrene
Concen: 0.924 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.058 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:252 Resp: 12890

Ion	Ratio	Lower	Upper
252	100		
253	28.2	31.6	47.4#
125	22.6	19.5	29.3



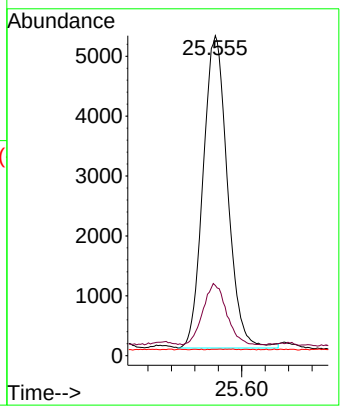


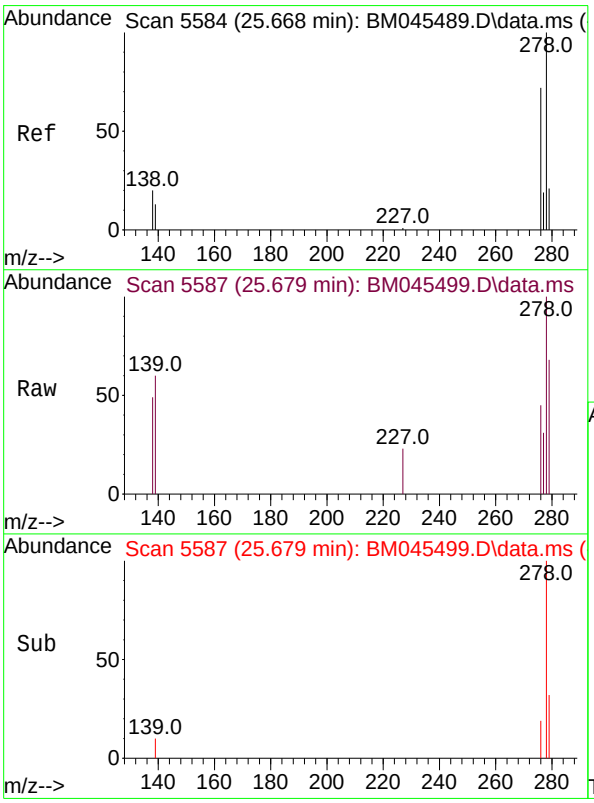
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.743 ng/ul
RT: 25.555 min Scan# 5
Delta R.T. -0.077 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:276 Resp: 15067

Ion	Ratio	Lower	Upper
276	100		
138	18.9	19.8	29.6#
227	0.0	0.2	0.2#

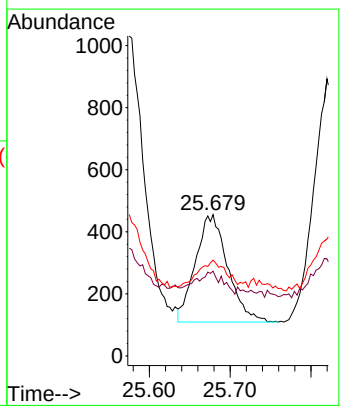


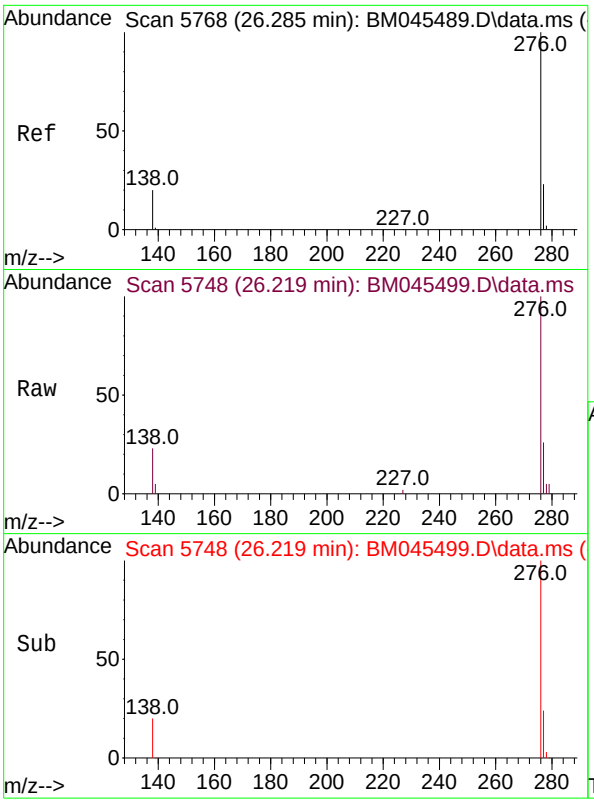


#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.679 min Scan# 5587
Delta R.T. 0.011 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Tgt Ion:278 Resp: 962

Ion	Ratio	Lower	Upper
278	100		
139	60.0	19.0	28.6#
279	67.9	29.4	44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.725 ng/ul
RT: 26.219 min Scan# 5
Delta R.T. -0.067 min
Lab File: BM045499.D
Acq: 23 Apr 2024 03:17

Instrument :
BNA_M
ClientSampleId :
E1CX7

Tgt Ion:276 Resp: 13210

Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.8	31.2
277	25.8	21.8	32.8