Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 17 10:03:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	10116	0.400	ng/ul	0.00
4) Naphthalene-d8	10.332	136	31953	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.206	164	18007	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	34854	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.146	240	24540	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	27629m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	3808	0.322	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	10843	0.266	ng/ul	0.00
18) Fluoranthene-d10	18.984	212	21117	0.288	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.185	88	10858	0.794	ng/ul#	87
5) Naphthalene	10.381	128	111876	1.366	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	37249	0.745	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	22439	0.440	ng/ul	100
10) Acenaphthylene	13.919	152	26696	0.351	ng/ul	99
11) Acenaphthene	14.266	153	21080	0.366	ng/ul	97
12) Fluorene	15.256	166	23985	0.375	ng/ul	99
14) Pentachlorophenol	16.605	266	3169	0.441	ng/ul	95
15) Phenanthrene	16.989	178	161326	1.689	ng/ul	99
16) Anthracene	17.082	178	49038	0.576	ng/ul	99
19) Fluoranthene	19.011	202	333230	3.274	ng/ul	95
20) Pyrene	19.374	202	364392	3.322	ng/ul	96
21) Benzo(a)anthracene	21.128	228	274141	3.175	ng/ul	98
22) Chrysene	21.181	228	321165	3.287	ng/ul	98
24) Benzo(b)fluoranthene	22.665	252	586339m	6.141	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	225443m	2.041	ng/ul	
26) Benzo(a)pyrene	23.212	252	451988	5.119	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.443	276	389340	3.139	ng/ul#	83
28) Dibenzo(a,h)anthracene	25.454	278	98164	1.017	ng/ul	96
29) Benzo(g,h,i)perylene	26.101	276	429987	4.310	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121724\
Data File : BM049032.D
Acq On : 17 Dec 2024 21:48
Operator : RC/JU
Sample : P5155-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Dec 18 04:56:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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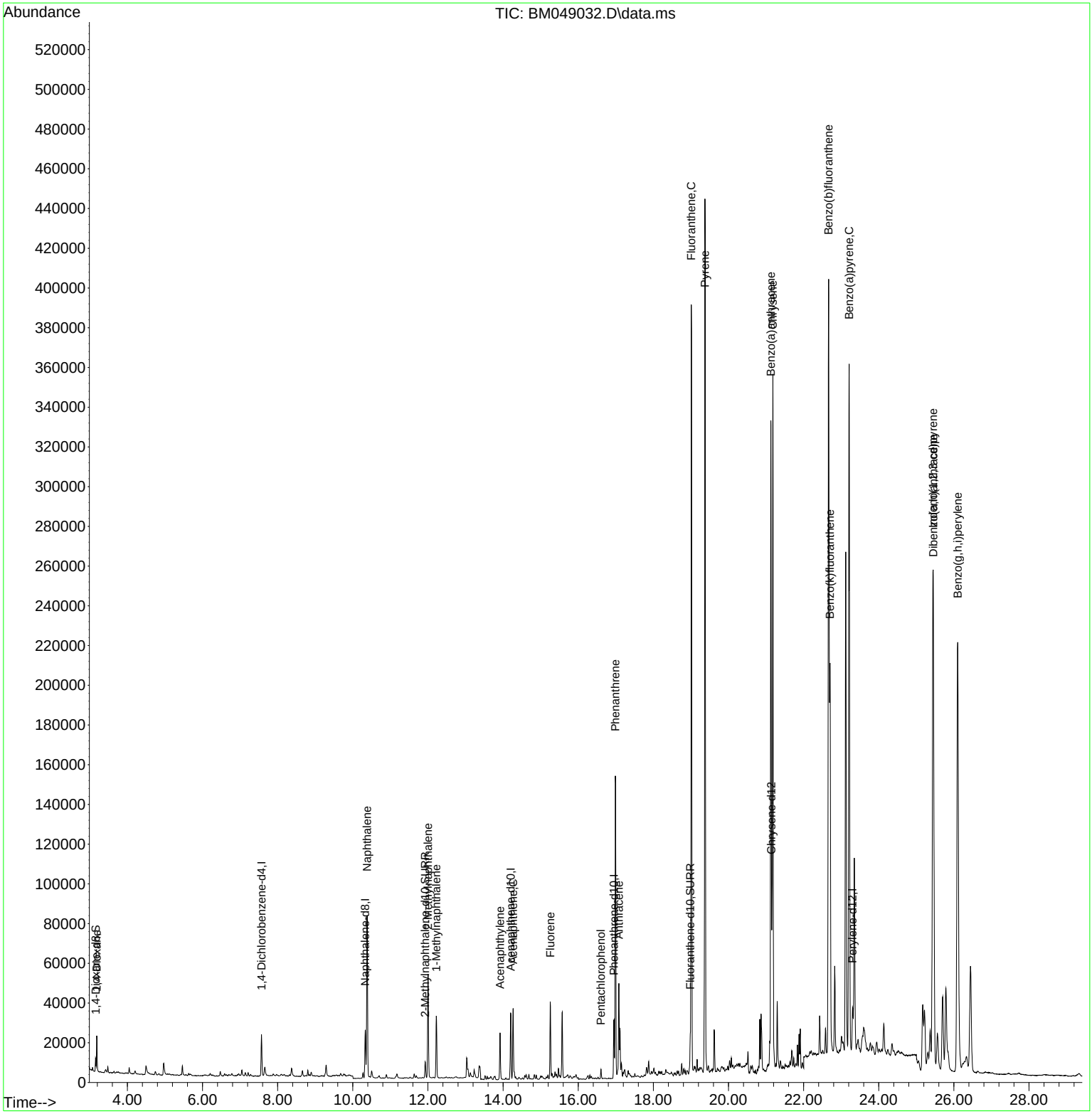
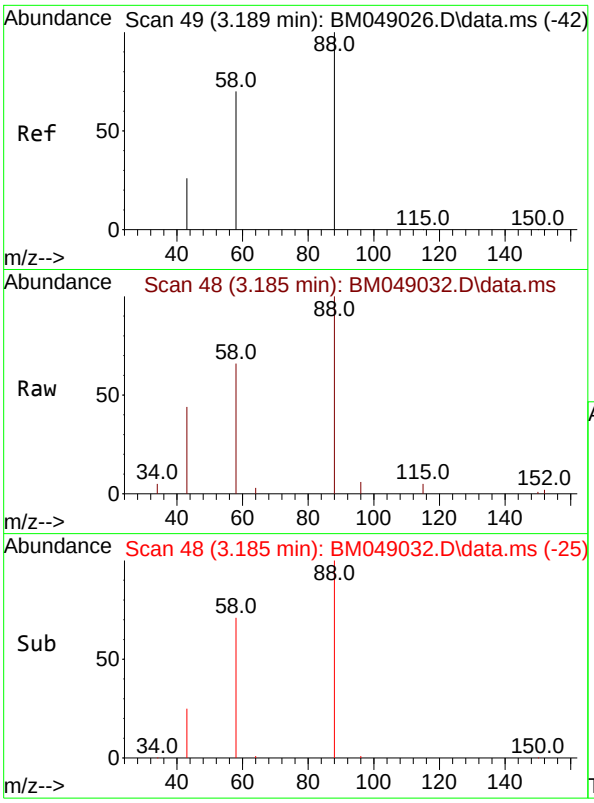


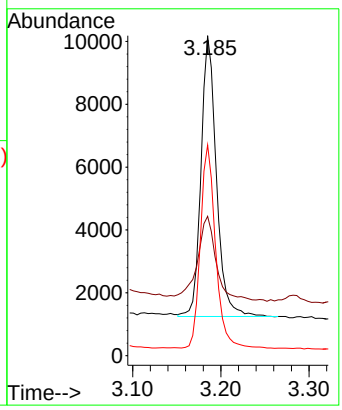


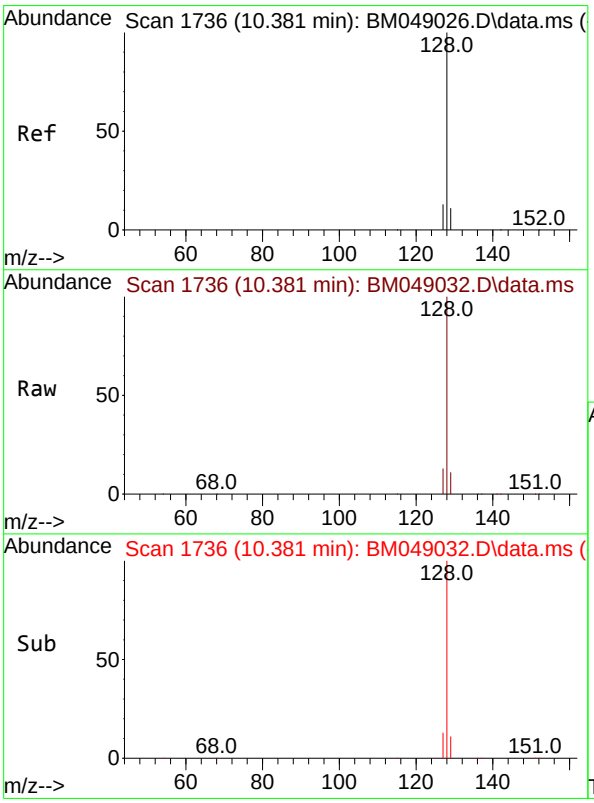
#2
1,4-Dioxane
Concen: 0.794 ng/ul
RT: 3.185 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion: 88 Resp: 10858

Ion	Ratio	Lower	Upper
88	100		
43	43.6	32.3	48.5
58	65.9	42.0	63.0#

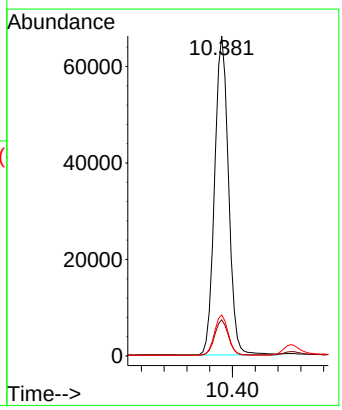


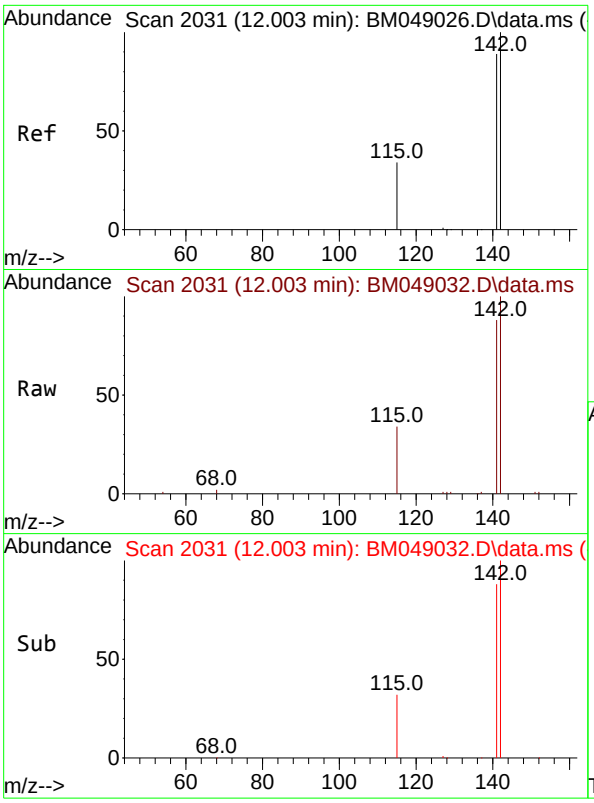


#5
Naphthalene
Concen: 1.366 ng/ul
RT: 10.381 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:128 Resp: 111876

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	12.8	10.6	16.0



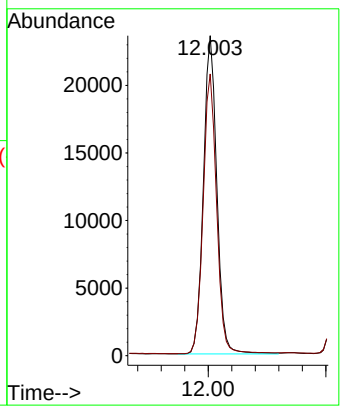


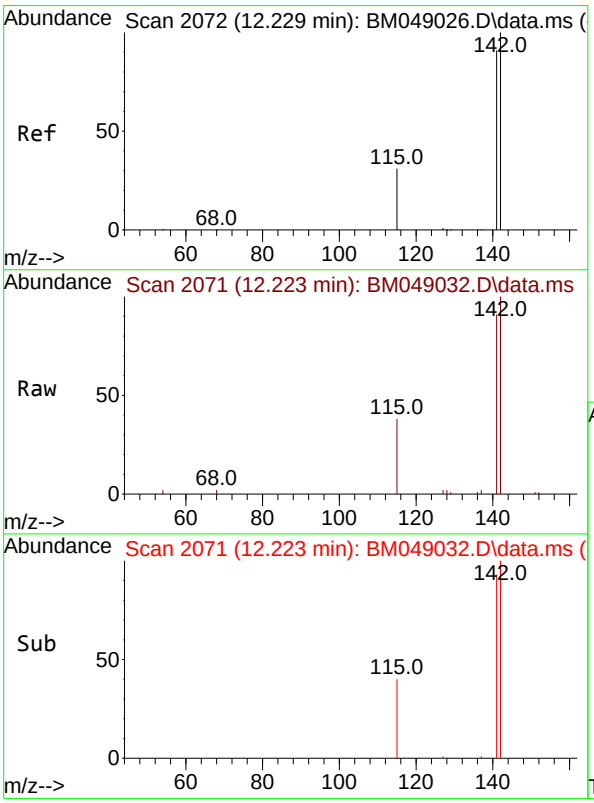
#7
2-Methylnaphthalene
Concen: 0.745 ng/ul
RT: 12.003 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:142 Resp: 37249

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

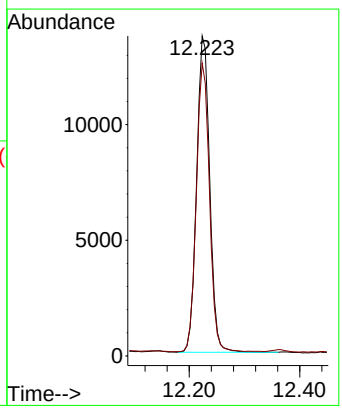


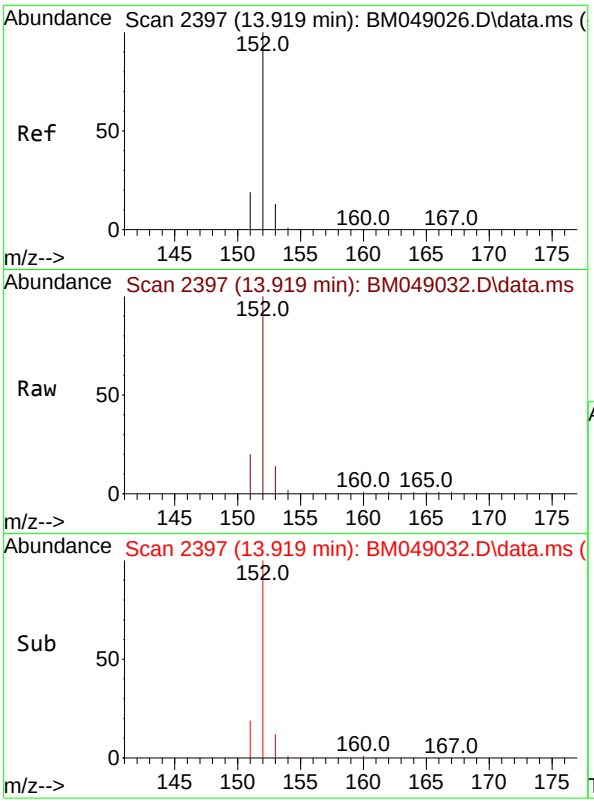


#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.004 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:142 Resp: 22439

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.8	109.2



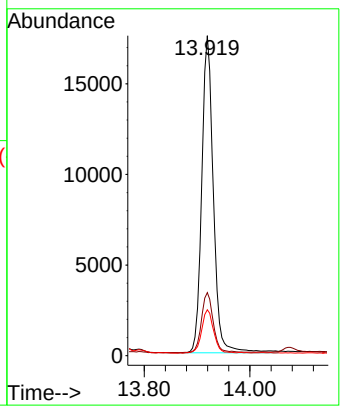


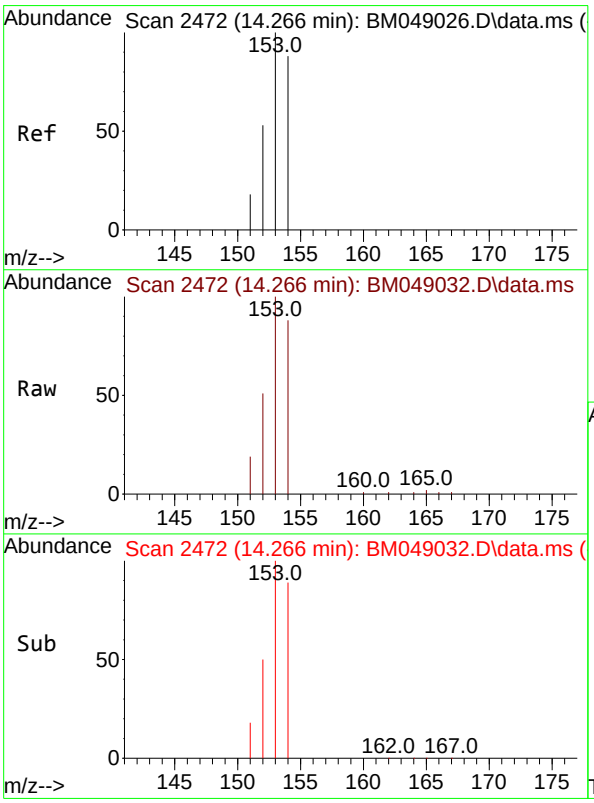
#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 13.919 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:152 Resp: 26696

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	14.4	11.2	16.8

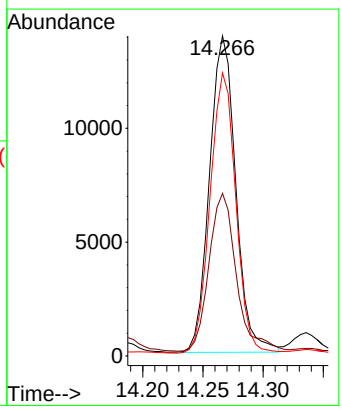


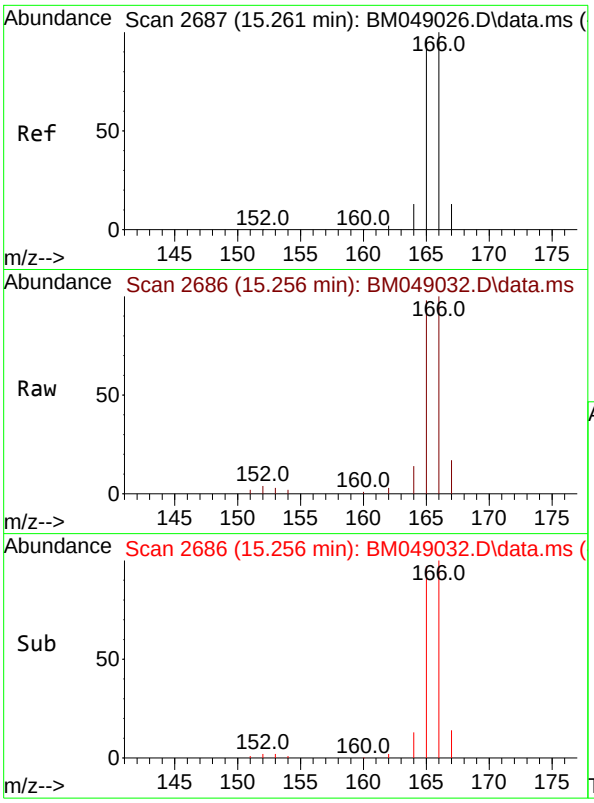


#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.266 min Scan# 2472
Delta R.T. -0.003 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:153 Resp: 21080

Ion	Ratio	Lower	Upper
153	100		
152	50.8	43.5	65.3
154	88.4	69.5	104.3



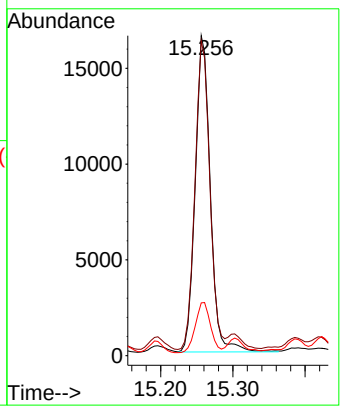


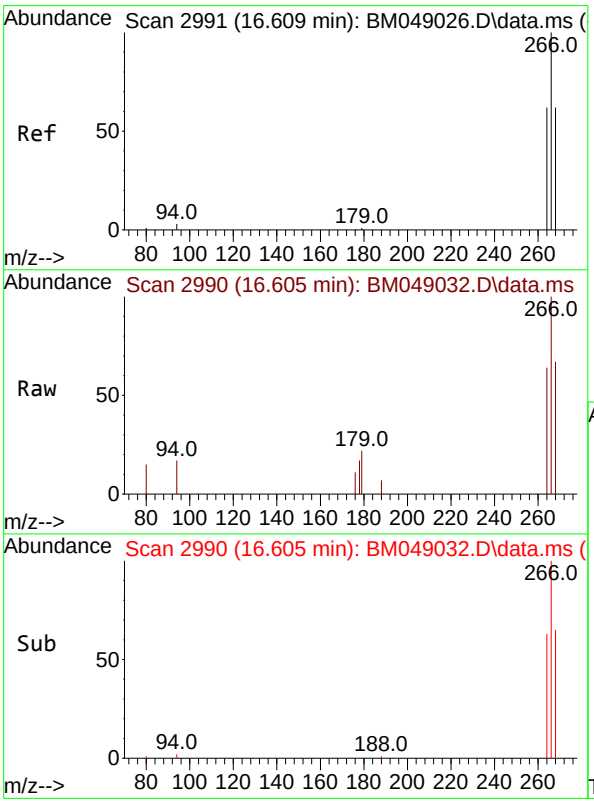
#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.256 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:166 Resp: 23985

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.1	117.1
167	16.5	11.6	17.4

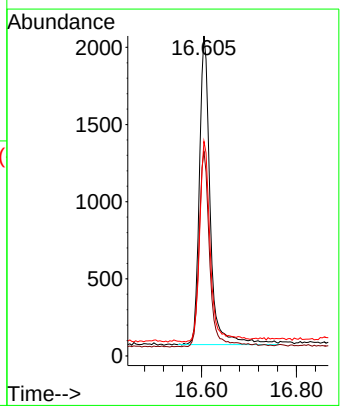


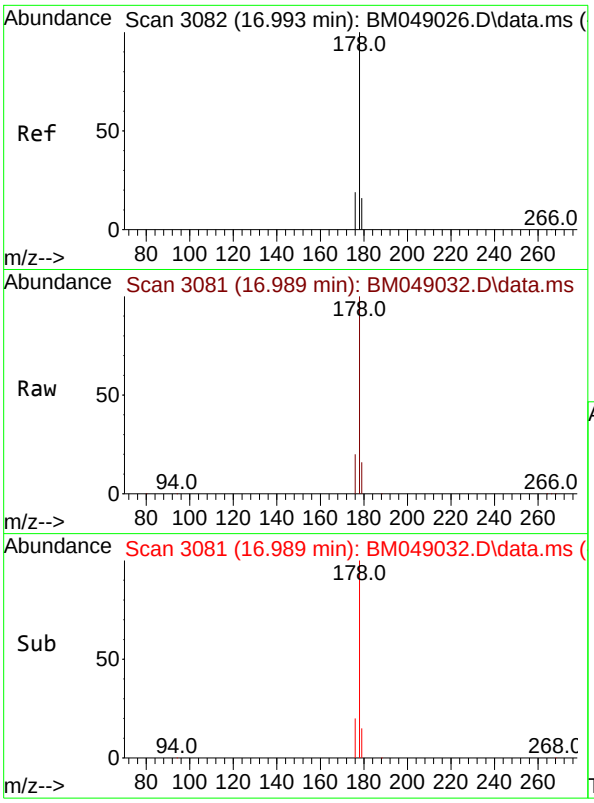


#14
Pentachlorophenol
Concen: 0.441 ng/ul
RT: 16.605 min Scan# 2990
Delta R.T. -0.007 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:266 Resp: 3169

Ion	Ratio	Lower	Upper
266	100		
264	62.2	47.9	71.9
268	64.1	55.0	82.6



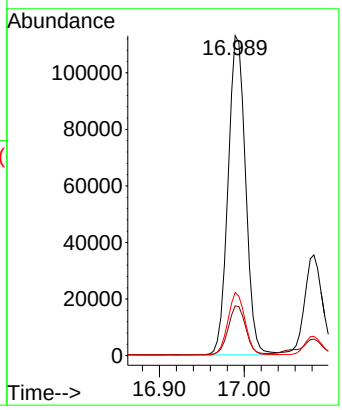


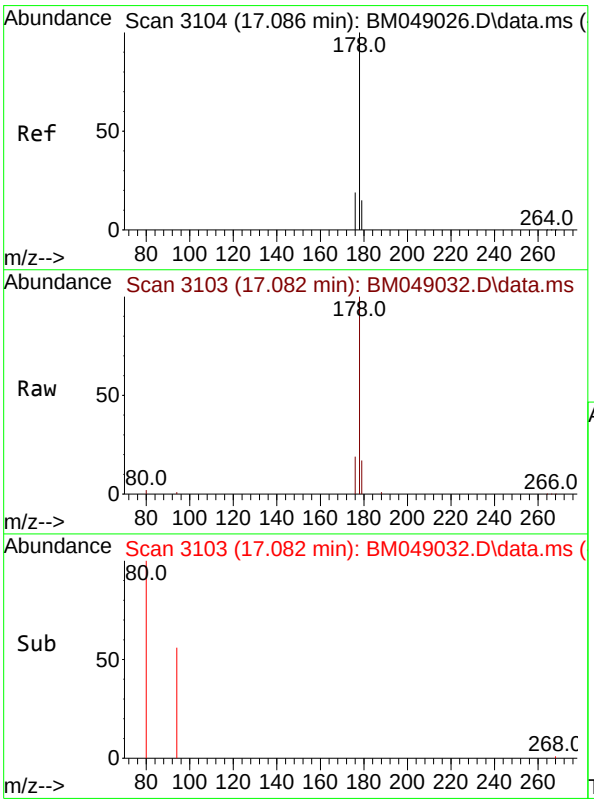
#15
Phenanthrene
Concen: 1.689 ng/ul
RT: 16.989 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:178 Resp: 161326

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.7	15.8	23.8

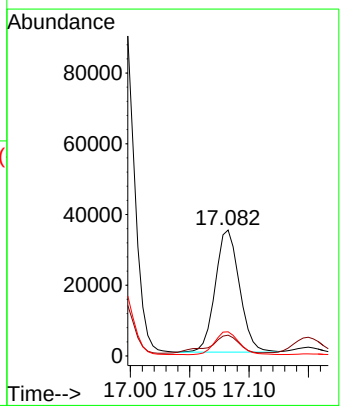


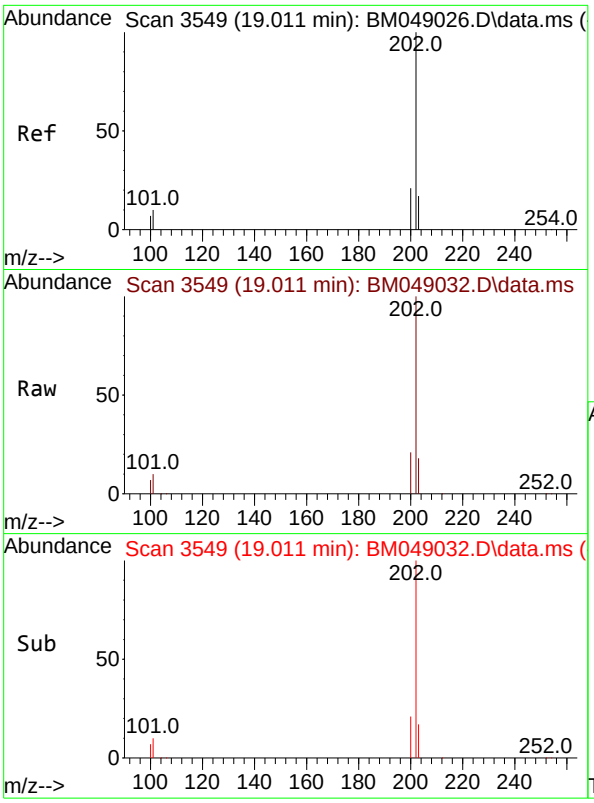


#16
Anthracene
Concen: 0.576 ng/ul
RT: 17.082 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:178 Resp: 49038

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.2	15.0	22.6



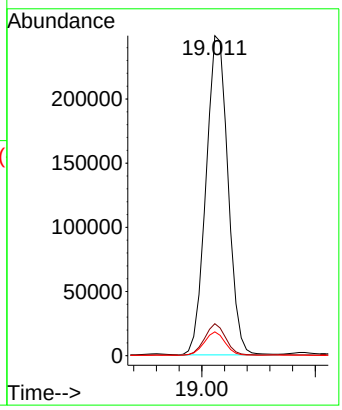


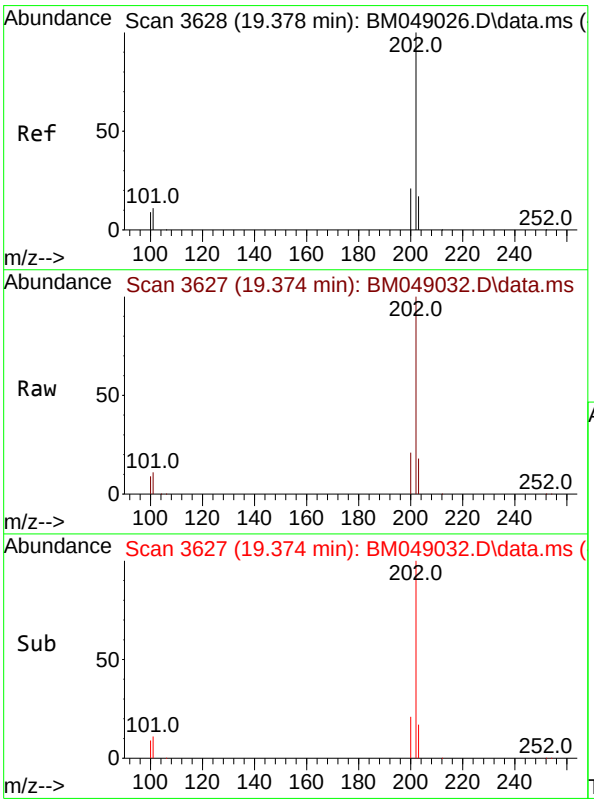
#19
Fluoranthene
Concen: 3.274 ng/ul
RT: 19.011 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:202 Resp: 333230

Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.7	14.5
100	7.4	7.3	10.9

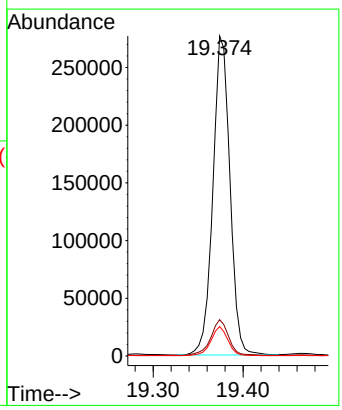


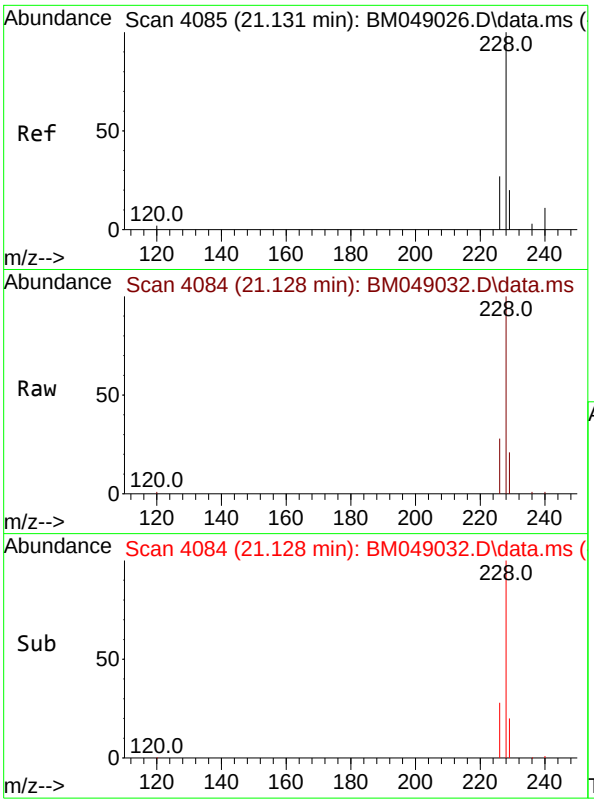


#20
Pyrene
Concen: 3.322 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.008 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:202 Resp: 364392

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.6	16.0
100	9.2	8.4	12.6



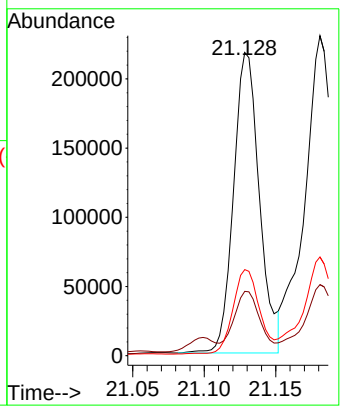


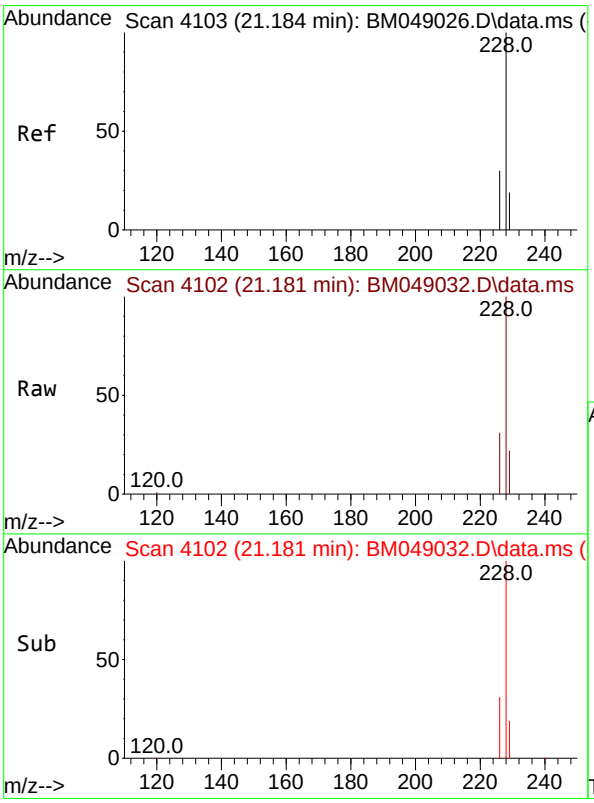
#21
Benzo(a)anthracene
Concen: 3.175 ng/ul
RT: 21.128 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:228 Resp: 274141

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	28.4	23.0	34.4

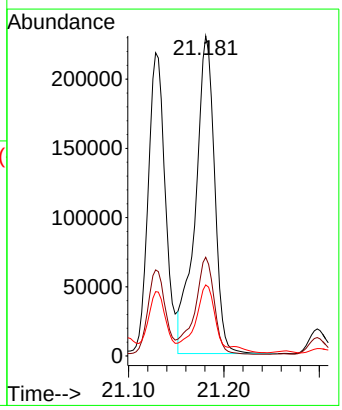


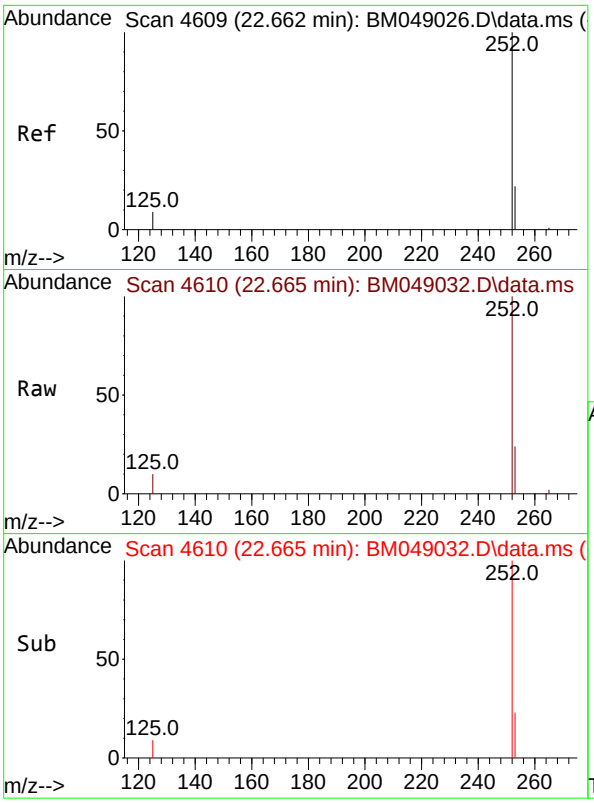


#22
Chrysene
Concen: 3.287 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:228 Resp: 321165

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	22.2	16.0	24.0



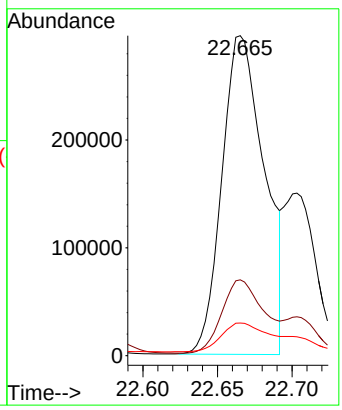


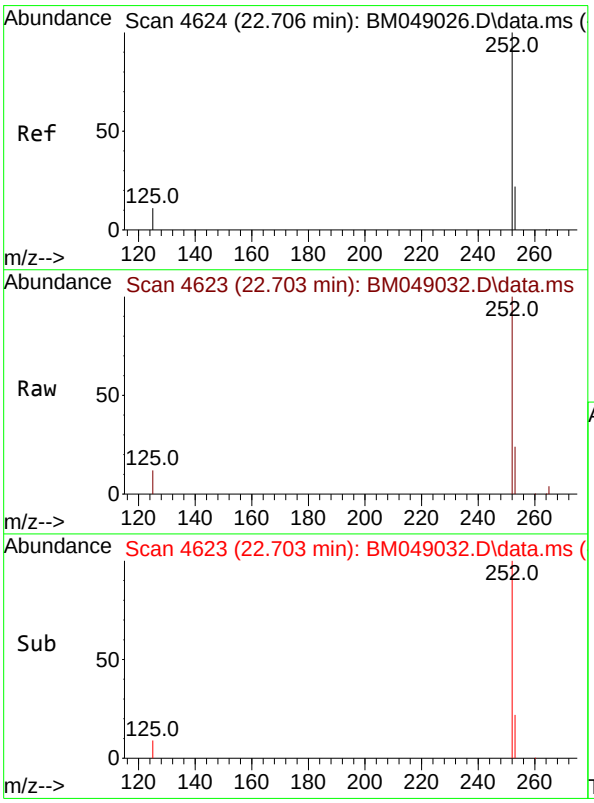
#24
Benzo(b)fluoranthene
Concen: 6.141 ng/ul m
RT: 22.665 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:252 Resp: 586339

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	51.0
125	10.2	0.0	36.6

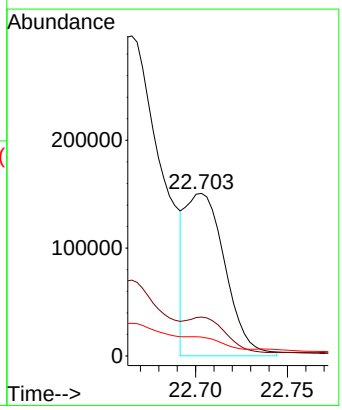


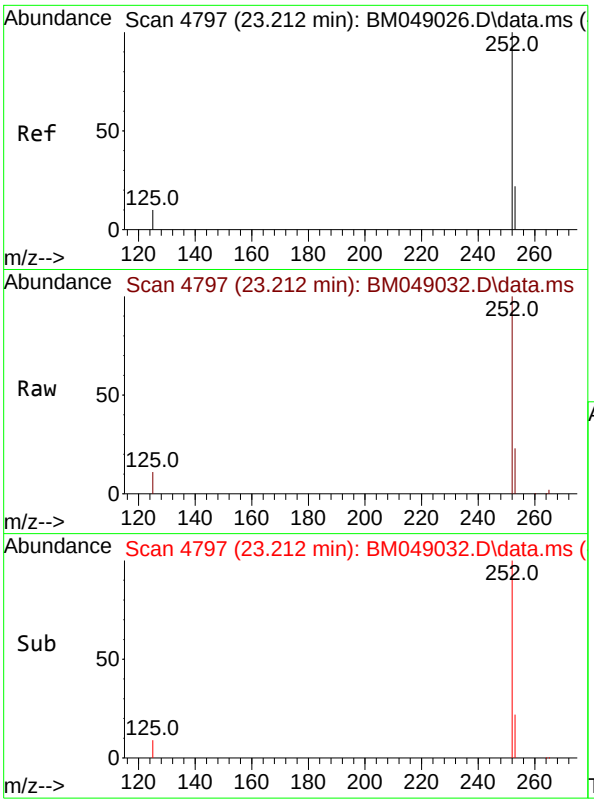


#25
Benzo(k)fluoranthene
Concen: 2.041 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.006 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:252 Resp: 225443

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.5	30.7
125	11.6	17.3	25.9#



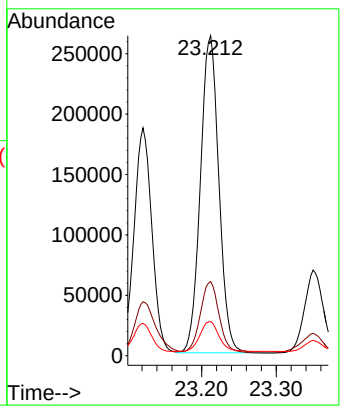


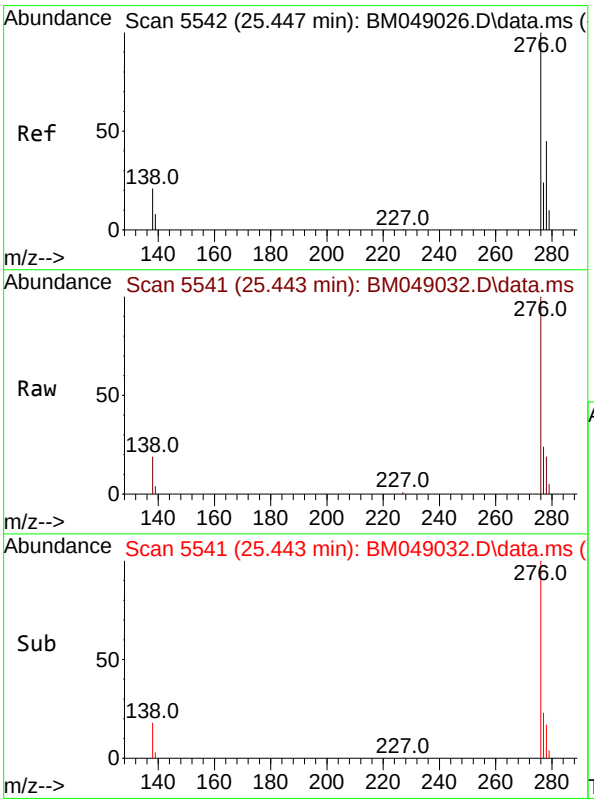
#26
Benzo(a)pyrene
Concen: 5.119 ng/ul
RT: 23.212 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:252 Resp: 451988

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.8	32.8
125	10.7	18.6	27.8#

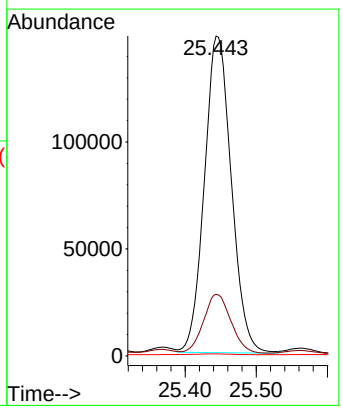


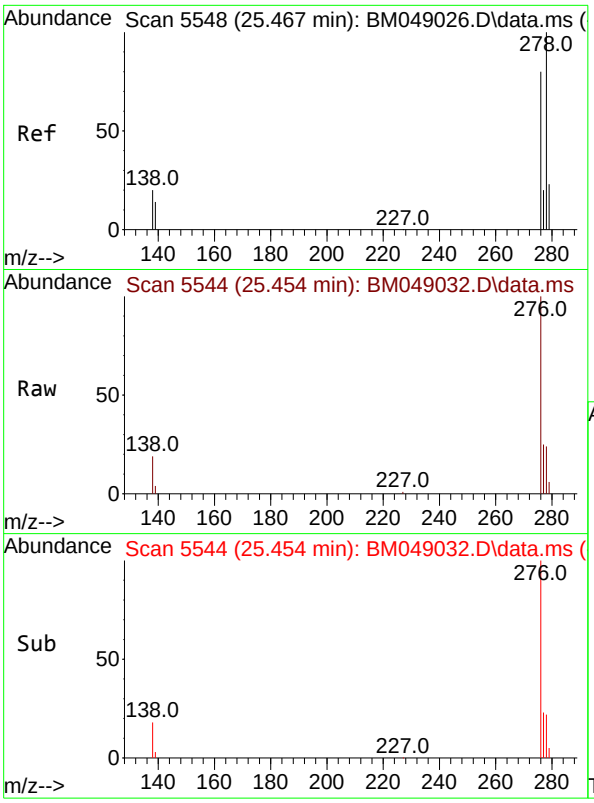


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.139 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.010 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:276 Resp: 389340

Ion	Ratio	Lower	Upper
276	100		
138	18.8	22.1	33.1#
227	0.4	0.2	0.2#



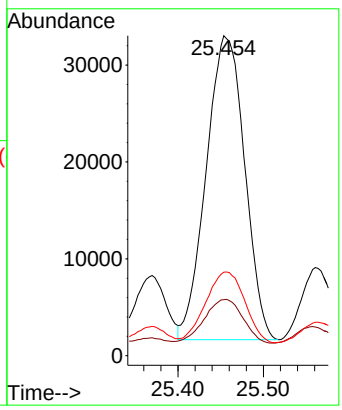


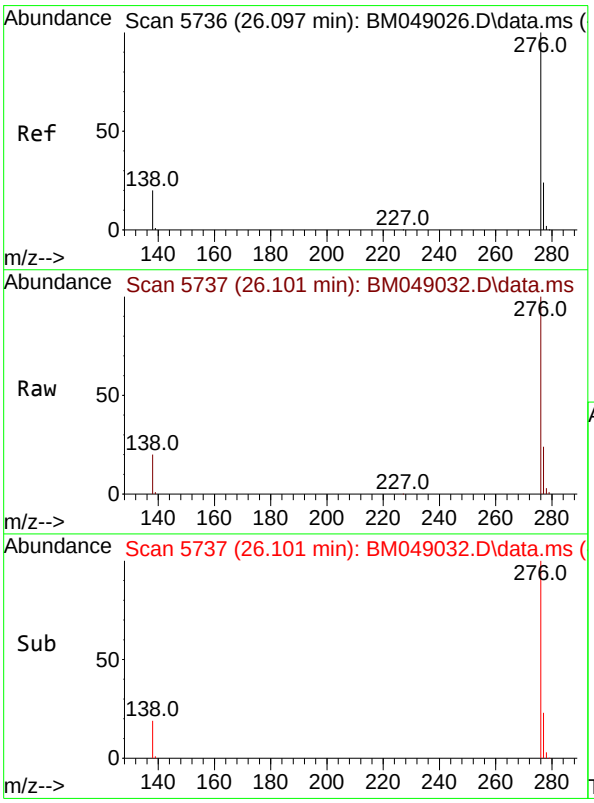
#28
Dibenzo(a,h)anthracene
Concen: 1.017 ng/ul
RT: 25.454 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Instrument :
BNA_M
ClientSampleId :
E28W2MS

Tgt Ion:278 Resp: 98164

Ion	Ratio	Lower	Upper
278	100		
139	17.5	17.4	26.0
279	26.1	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 4.310 ng/ul
RT: 26.101 min Scan# 5737
Delta R.T. 0.003 min
Lab File: BM049032.D
Acq: 17 Dec 2024 21:48

Tgt Ion:276 Resp: 429987

Ion	Ratio	Lower	Upper
276	100		
138	19.6	19.8	29.6#
277	23.9	19.6	29.4