Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049281.D
Acq On : 28 Dec 2024 07:58
Operator : RC/JU
Sample : P5325-03MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Quant Time: Dec 29 21:55:40 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	7.544	152	5531	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	18027	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	11315	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	25399	0.400	ng/ul	0.00
17) Chrysene-d12	21.131	240	23638	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	25024	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2376	0.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	6543	0.270	ng/ul	0.00
18) Fluoranthene-d10	18.965	212	18460	0.275	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	7008	0.940	ng/ul#	79
5) Naphthalene	10.354	128	11162	0.247	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	7336	0.257	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	7475	0.255	ng/ul	98
10) Acenaphthylene	13.896	152	11379	0.243	ng/ul	99
11) Acenaphthene	14.238	153	8498	0.248	ng/ul	99
12) Fluorene	15.238	166	10294	0.267	ng/ul	97
14) Pentachlorophenol	16.588	266	3266	0.465	ng/ul	95
15) Phenanthrene	16.968	178	18386	0.277	ng/ul	99
16) Anthracene	17.061	178	15961	0.262	ng/ul	98
19) Fluoranthene	18.993	202	22626	0.265	ng/ul	100
20) Pyrene	19.360	202	24871	0.273	ng/ul	98
21) Benzo(a)anthracene	21.117	228	21589	0.263	ng/ul	99
22) Chrysene	21.169	228	22869	0.259	ng/ul	98
24) Benzo(b)fluoranthene	22.648	252	21659	0.271	ng/ul	95
25) Benzo(k)fluoranthene	22.689	252	23080	0.263	ng/ul	96
26) Benzo(a)pyrene	23.191	252	20165	0.263	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.417	276	26854	0.247	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.430	278	20725	0.246	ng/ul	97
29) Benzo(g,h,i)perylene	26.064	276	22456	0.257	ng/ul	99

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

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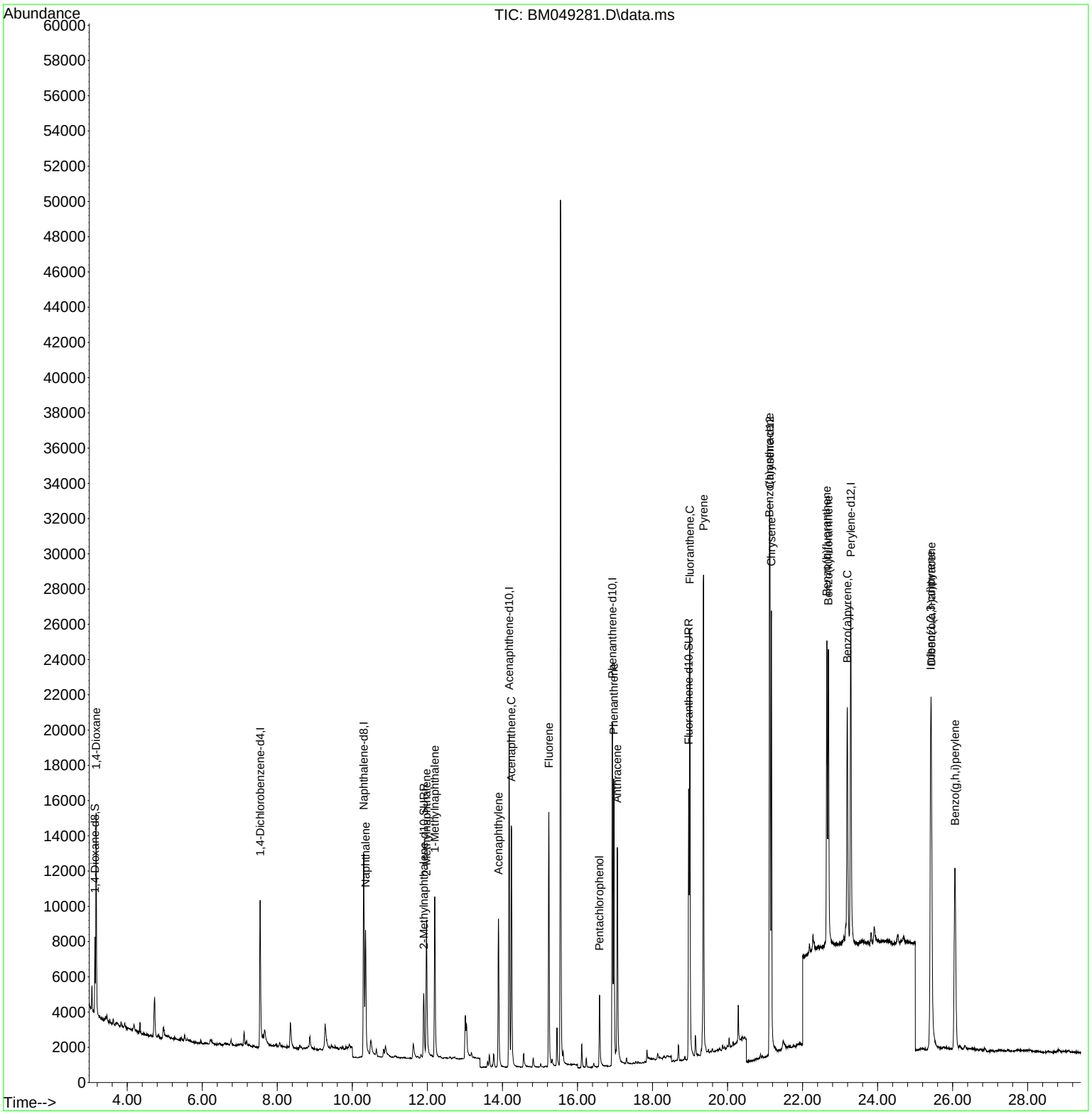
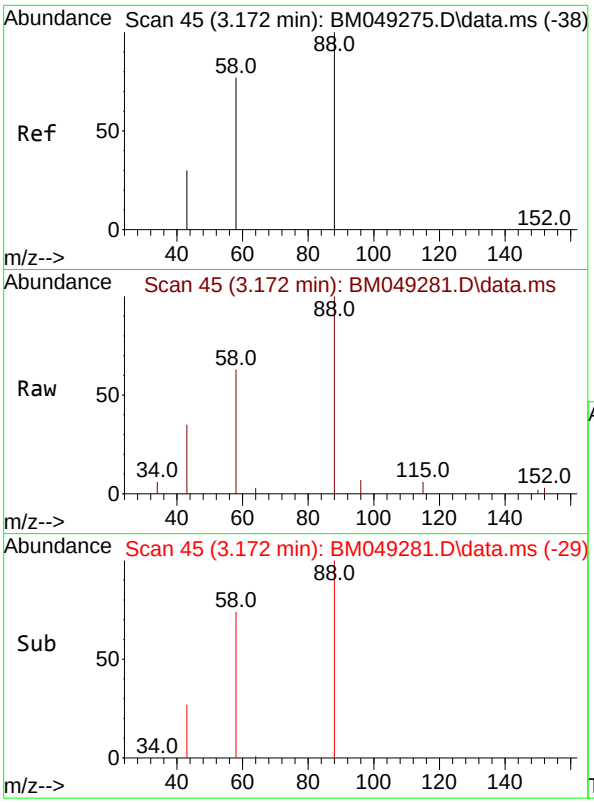
Quant Time: Dec 29 21:55:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration



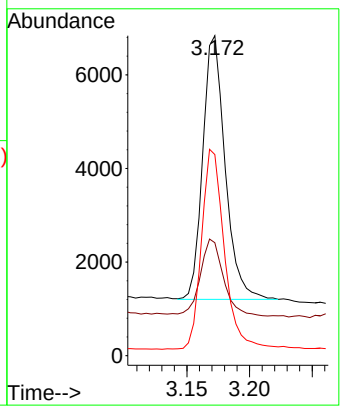


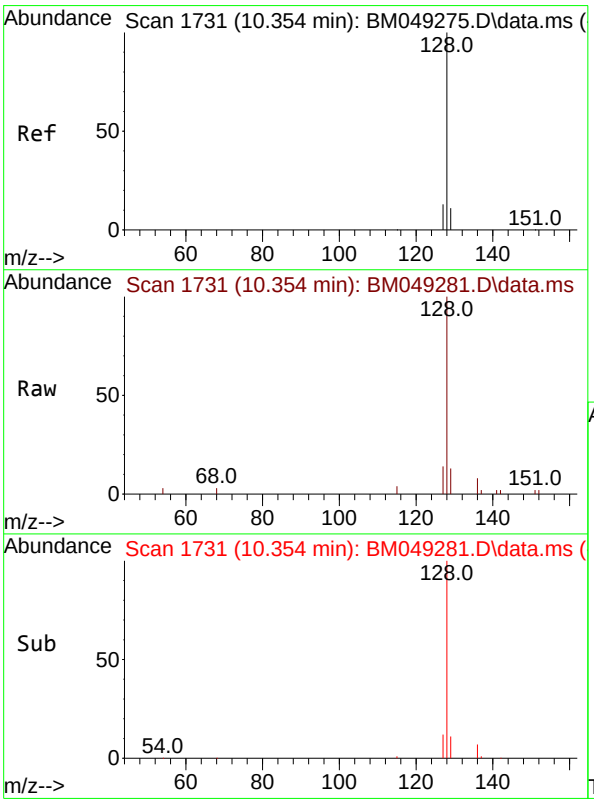
#2
1,4-Dioxane
Concen: 0.940 ng/ul
RT: 3.172 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion: 88 Resp: 7008

Ion	Ratio	Lower	Upper
88	100		
43	35.3	45.4	68.2#
58	62.9	43.6	65.4

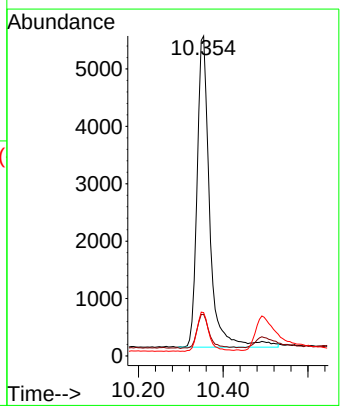


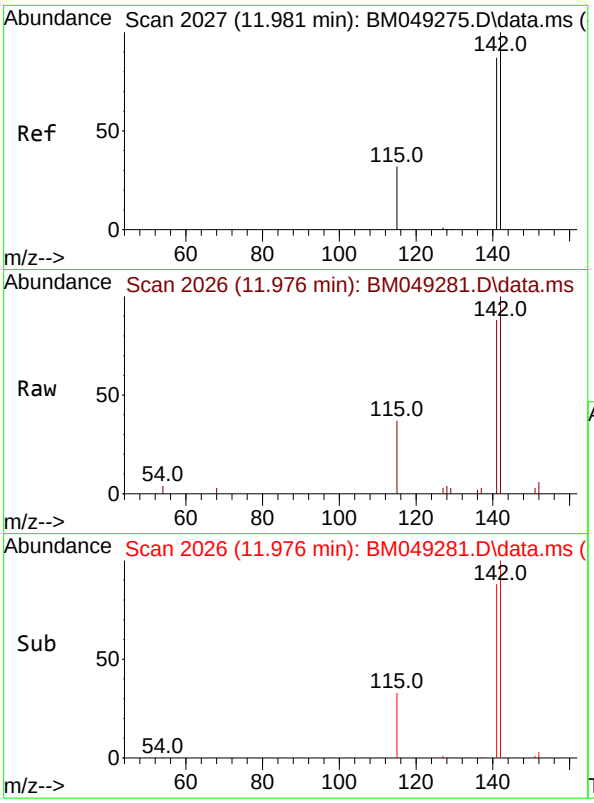


#5
Naphthalene
Concen: 0.247 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:128 Resp: 11162

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.7	14.5
127	13.5	10.6	16.0



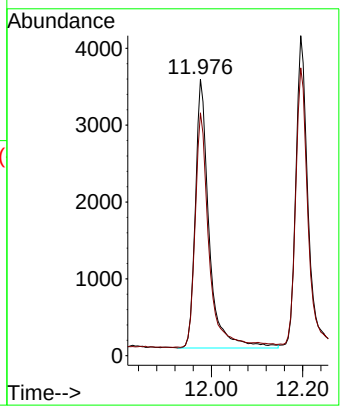


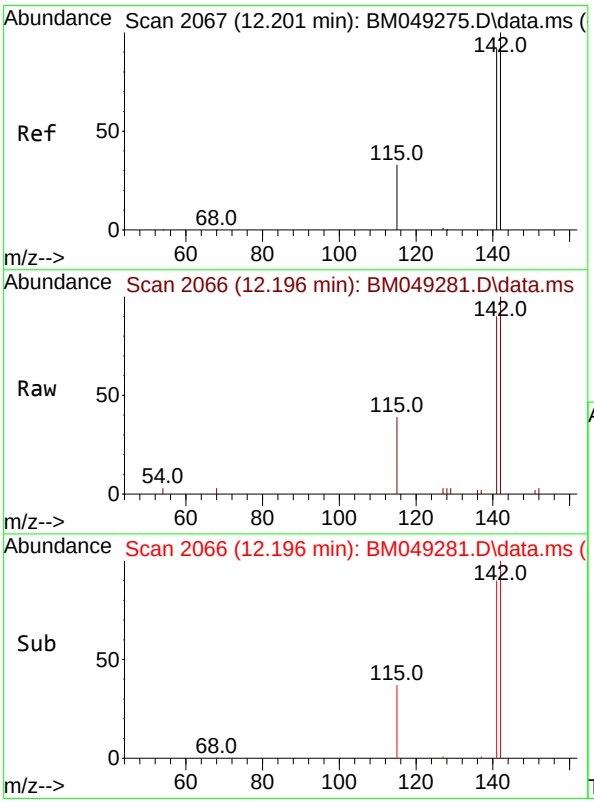
#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 11.976 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:142 Resp: 7336

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.7	107.5

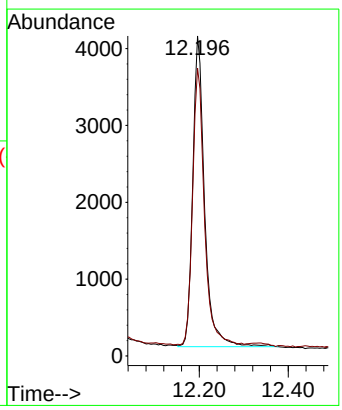


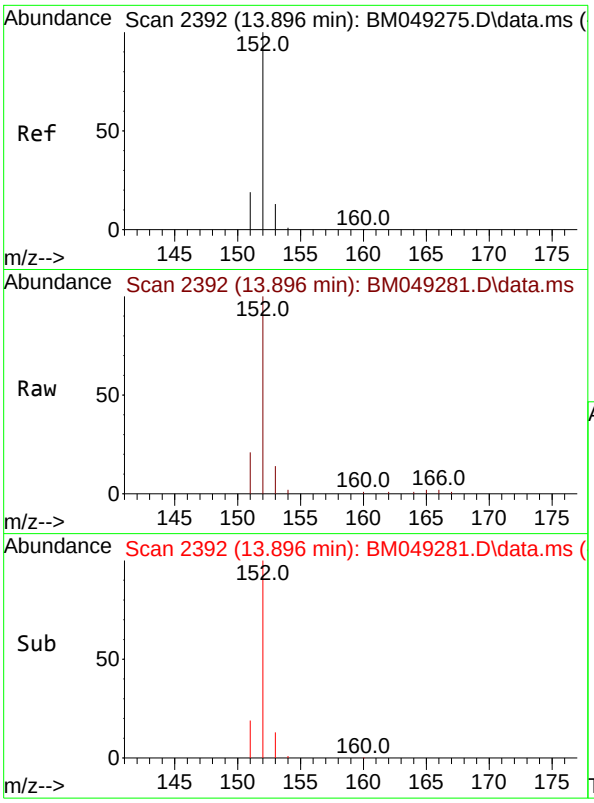


#8
1-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:142 Resp: 7475

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.7	109.1



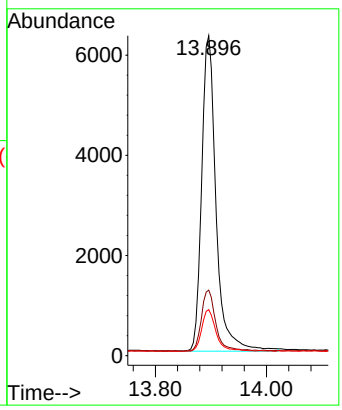


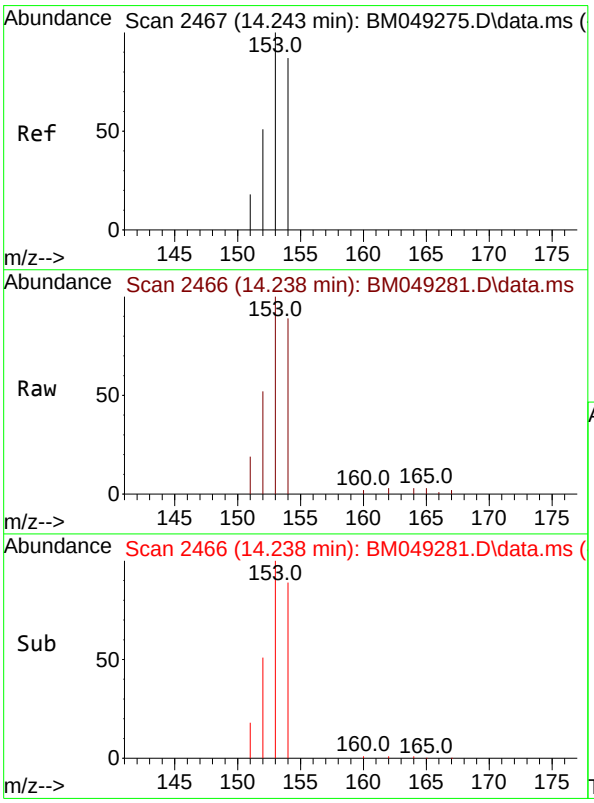
#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.896 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:152 Resp: 11379

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	14.4	11.0	16.6

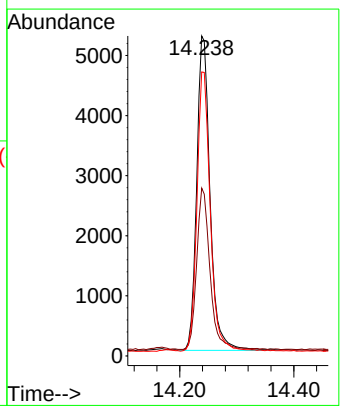


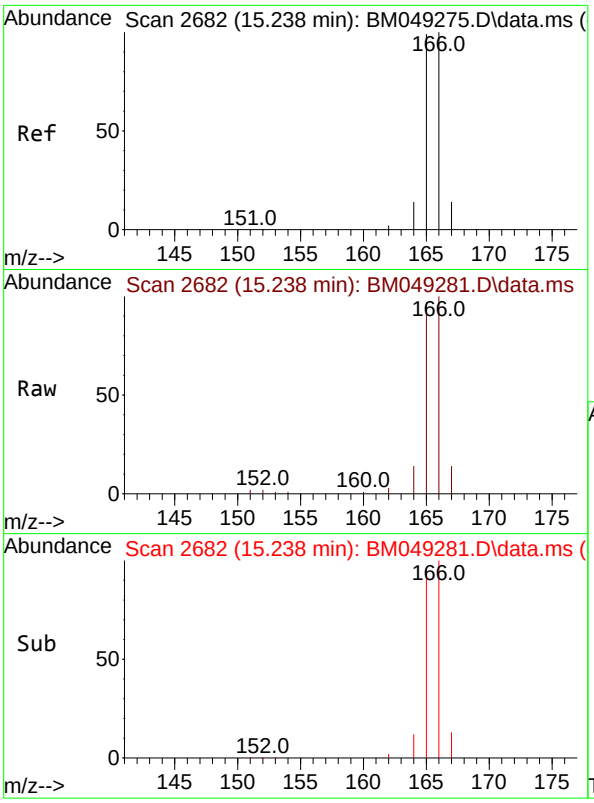


#11
Acenaphthene
Concen: 0.248 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:153 Resp: 8498

Ion	Ratio	Lower	Upper
153	100		
152	52.5	40.7	61.1
154	88.8	70.8	106.2



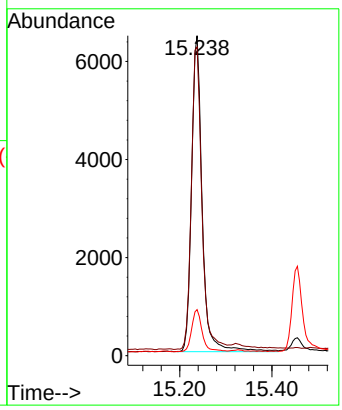


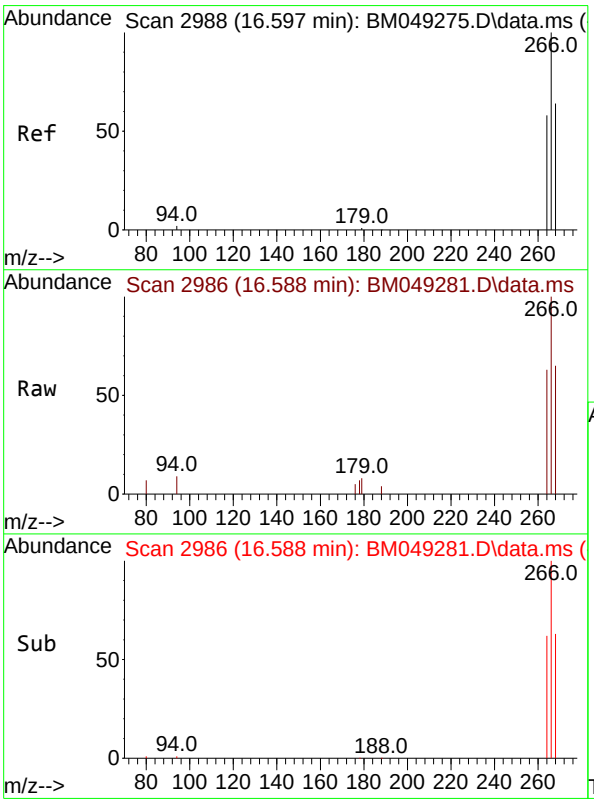
#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.238 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:166 Resp: 10294

Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.7	119.5
167	14.4	11.4	17.0

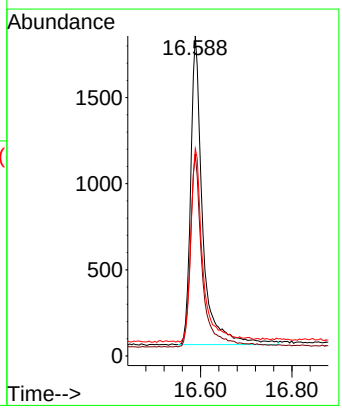


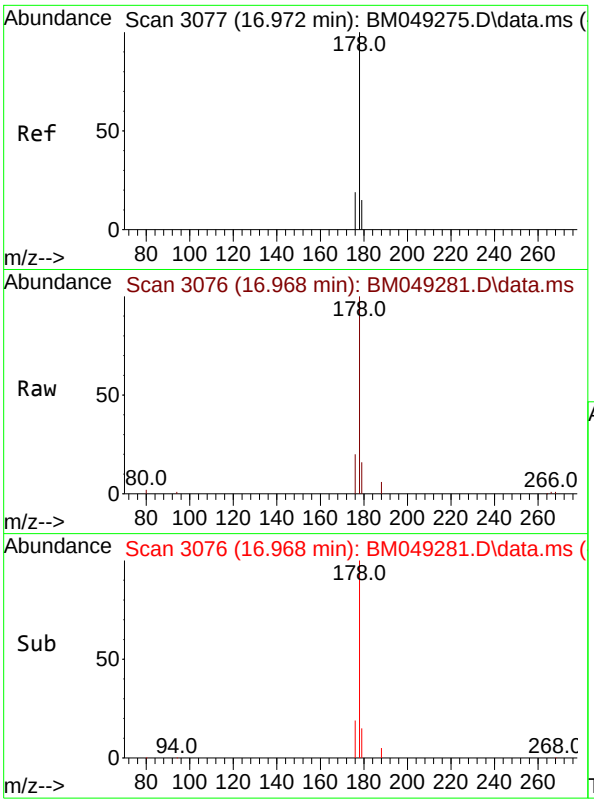


#14
Pentachlorophenol
Concen: 0.465 ng/ul
RT: 16.588 min Scan# 2986
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:266 Resp: 3266

Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.3	72.5
268	64.3	47.5	71.3



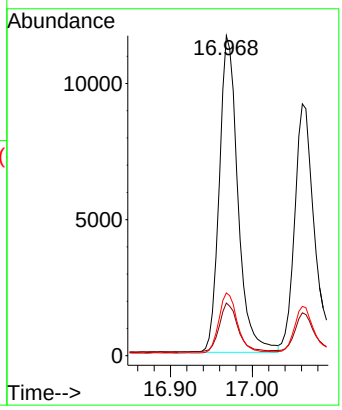


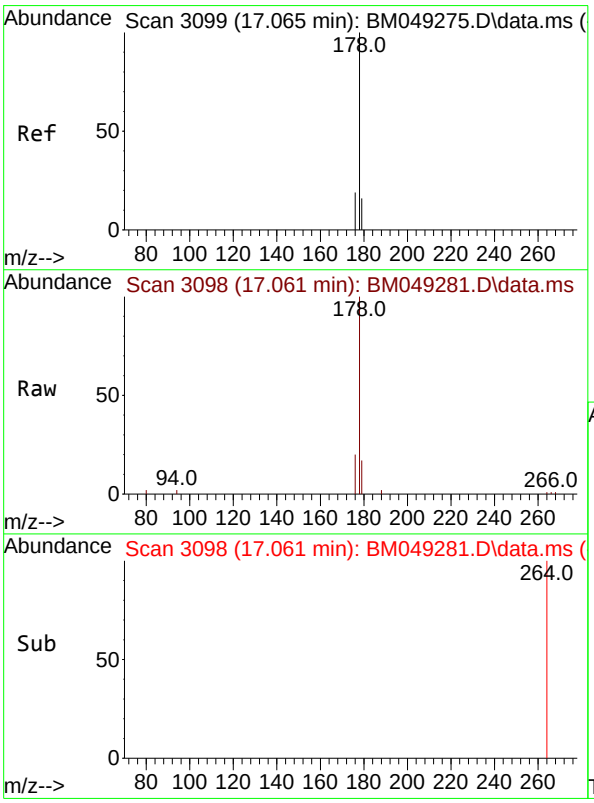
#15
Phenanthrene
Concen: 0.277 ng/ul
RT: 16.968 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:178 Resp: 18386

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.4
176	19.6	16.2	24.2

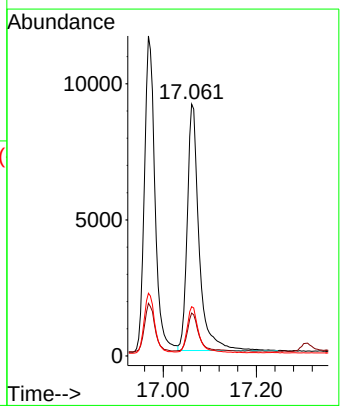


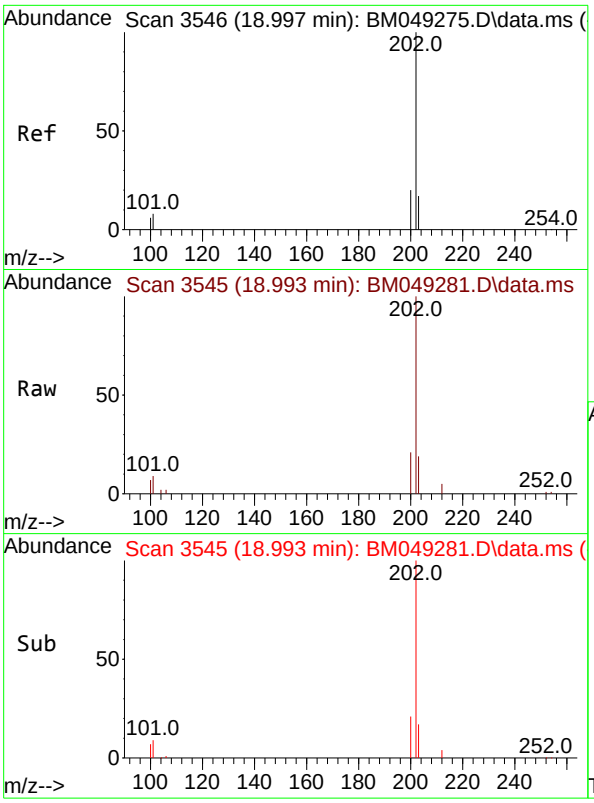


#16
Anthracene
Concen: 0.262 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:178 Resp: 15961

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	19.5	15.3	22.9



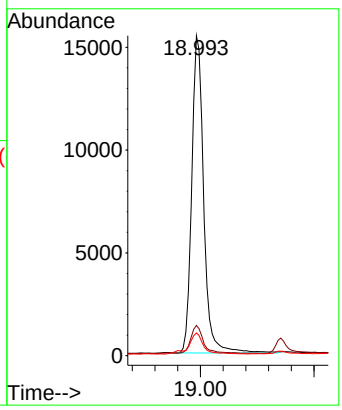


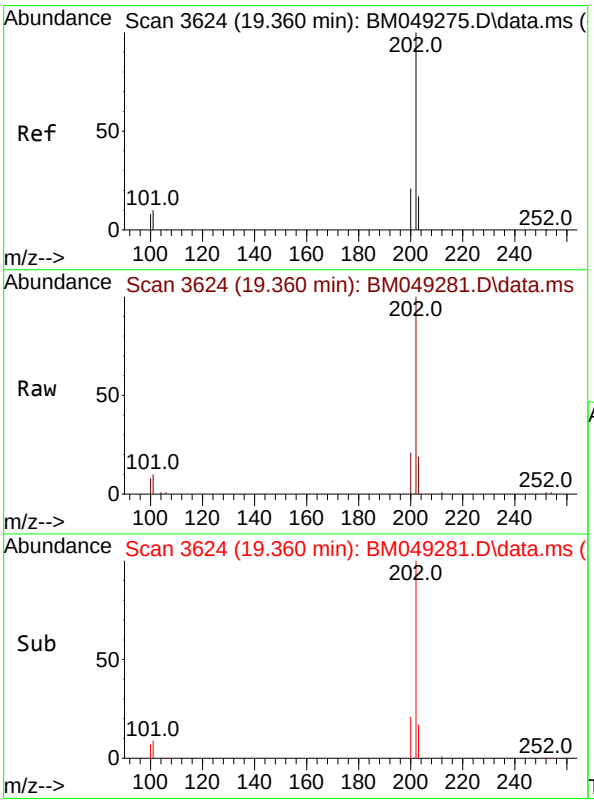
#19
Fluoranthene
Concen: 0.265 ng/ul
RT: 18.993 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:202 Resp: 22626

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.6	11.4
100	7.1	5.5	8.3

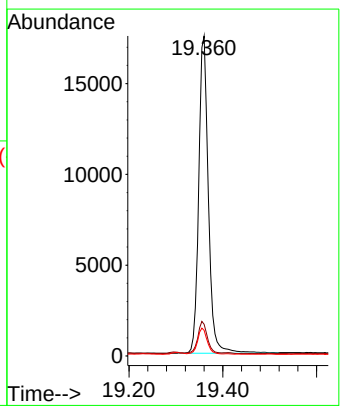


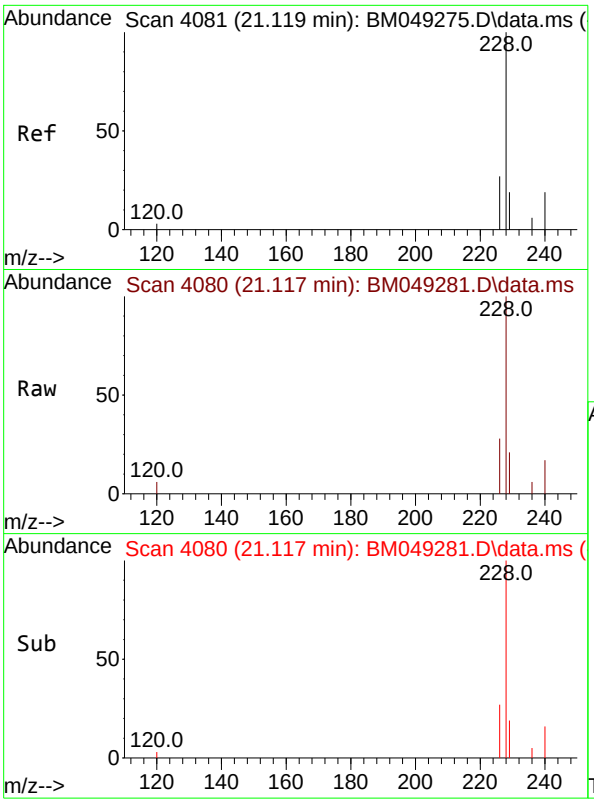


#20
Pyrene
Concen: 0.273 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:202 Resp: 24871

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.9	13.3
100	8.0	6.9	10.3



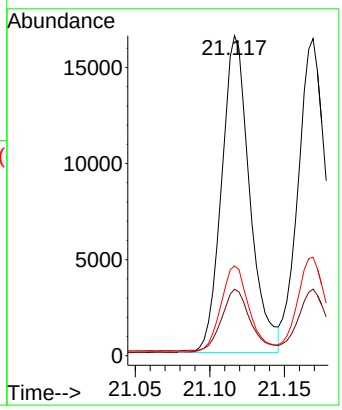


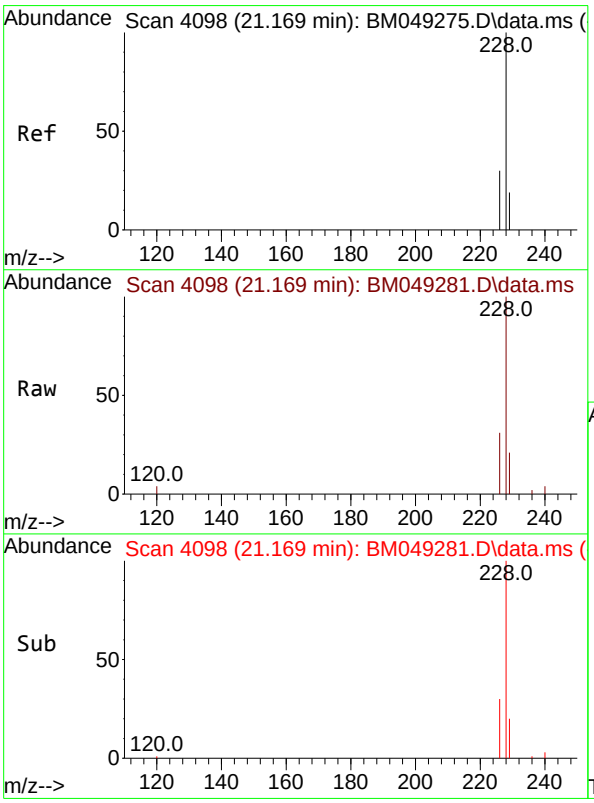
#21
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.117 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:228 Resp: 21589

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	28.0	22.6	34.0

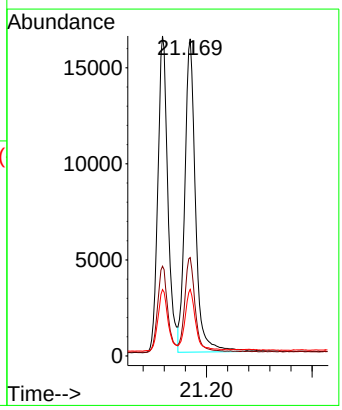


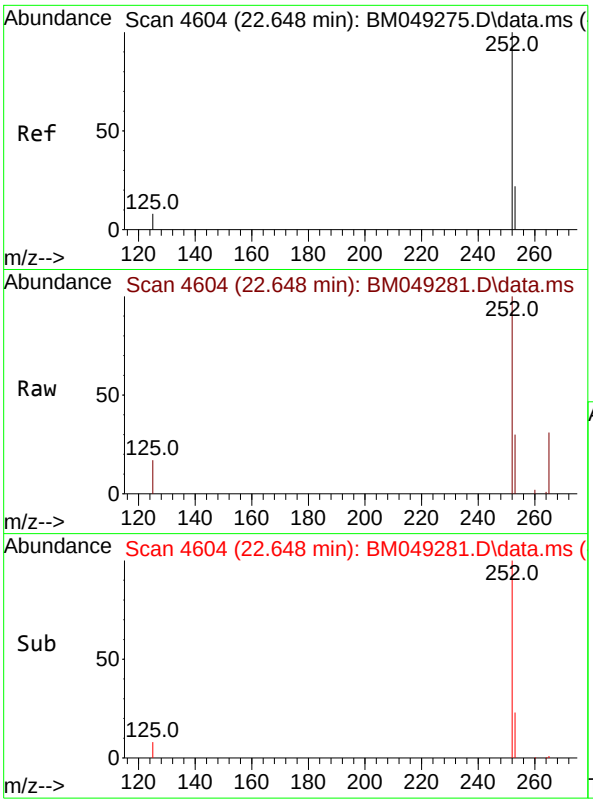


#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:228 Resp: 22869

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	21.0	15.8	23.8



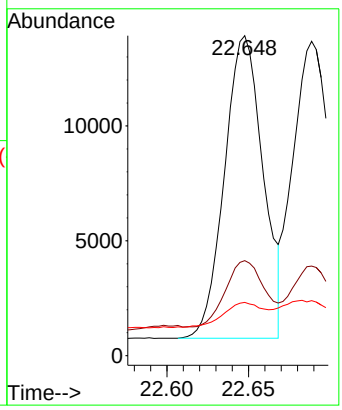


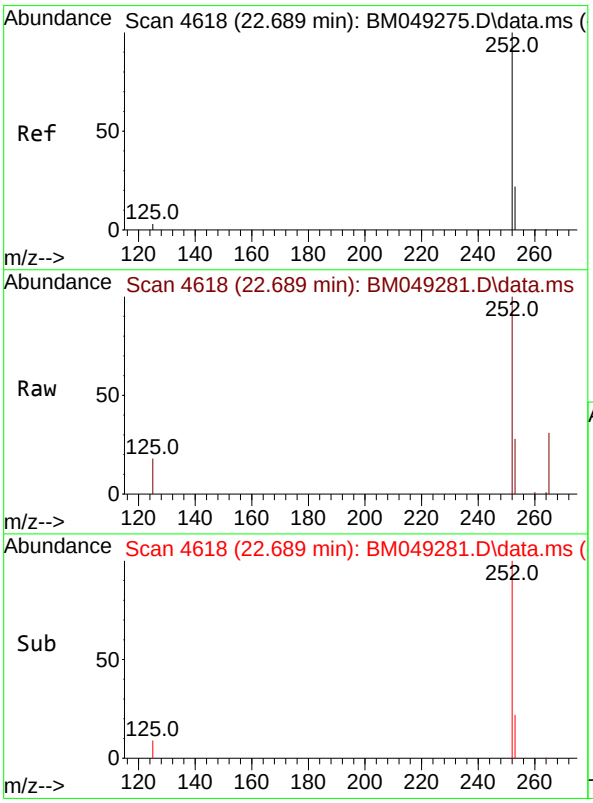
#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul
RT: 22.648 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:252 Resp: 21659

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	52.6
125	16.7	0.0	30.8

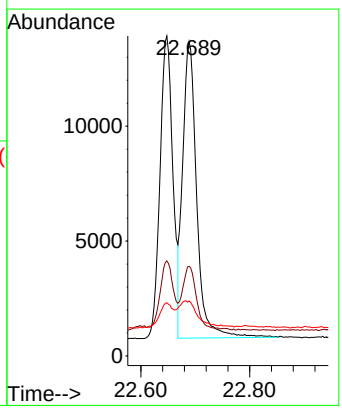


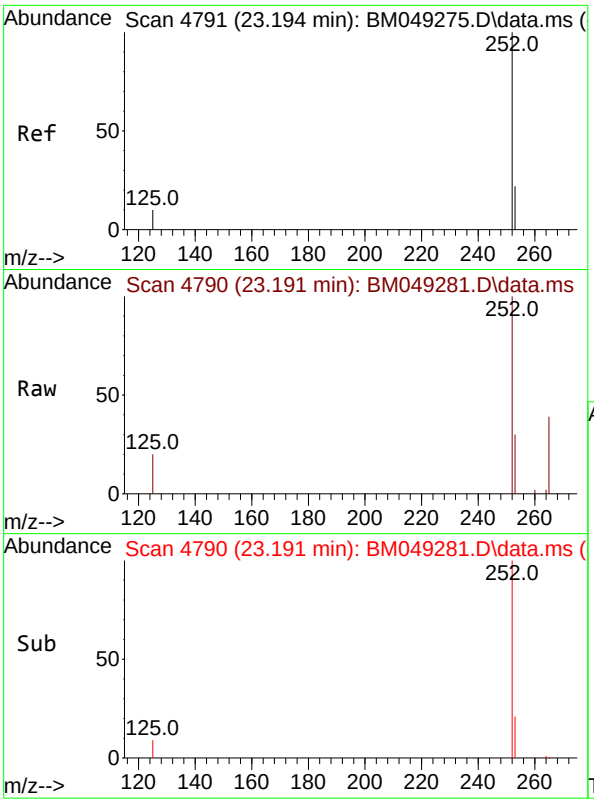


#25
Benzo(k)fluoranthene
Concen: 0.263 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. -0.003 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:252 Resp: 23080

Ion	Ratio	Lower	Upper
252	100		
253	28.5	21.3	31.9
125	17.5	12.6	18.8



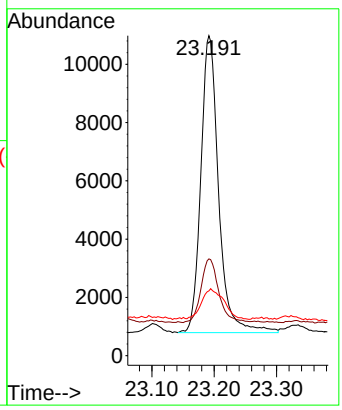


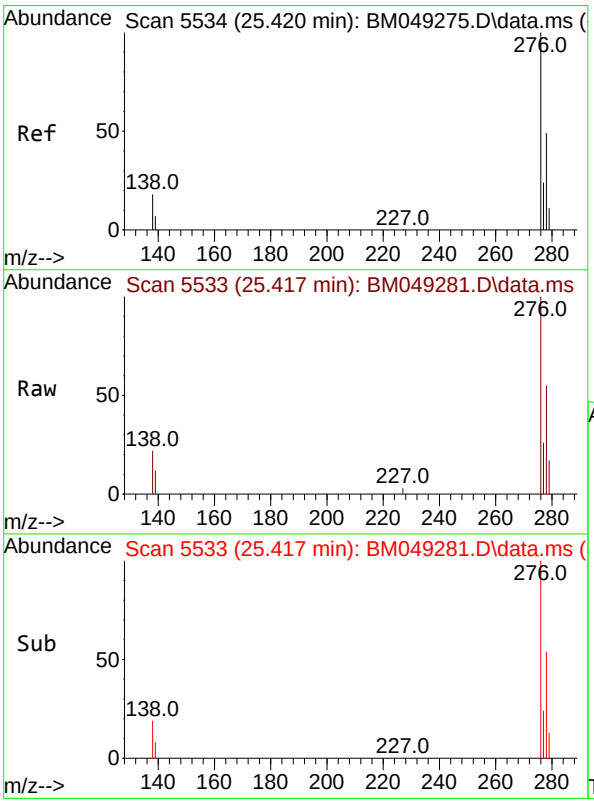
#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.191 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:252 Resp: 20165

Ion	Ratio	Lower	Upper
252	100		
253	30.3	22.4	33.6
125	20.2	14.8	22.2

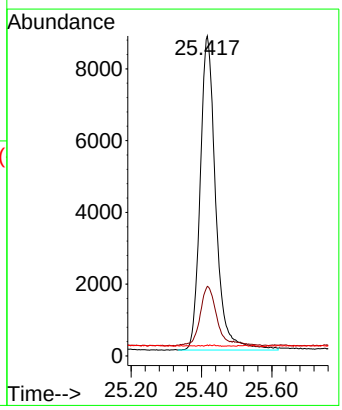


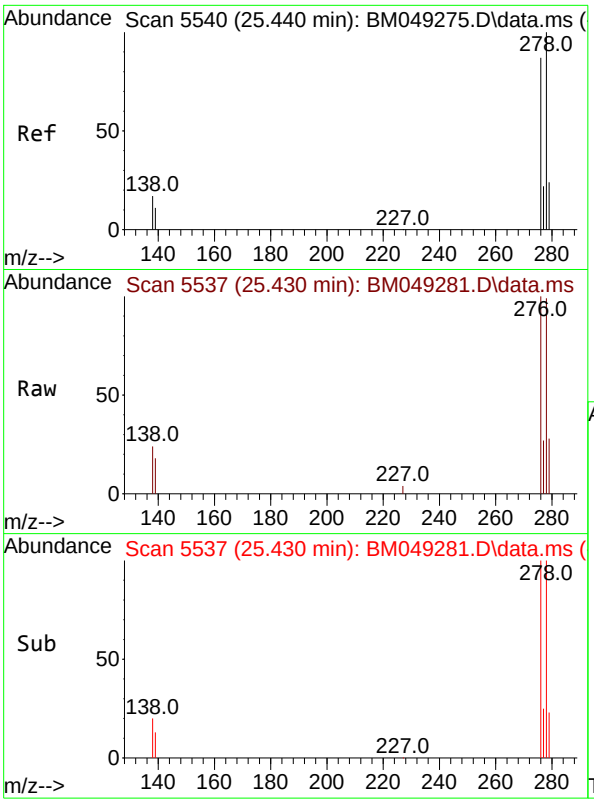


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 25.417 min Scan# 5533
Delta R.T. -0.000 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:276 Resp: 26854

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.4	26.2
227	0.1	0.2	0.2#



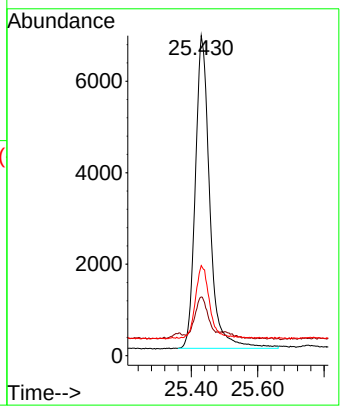


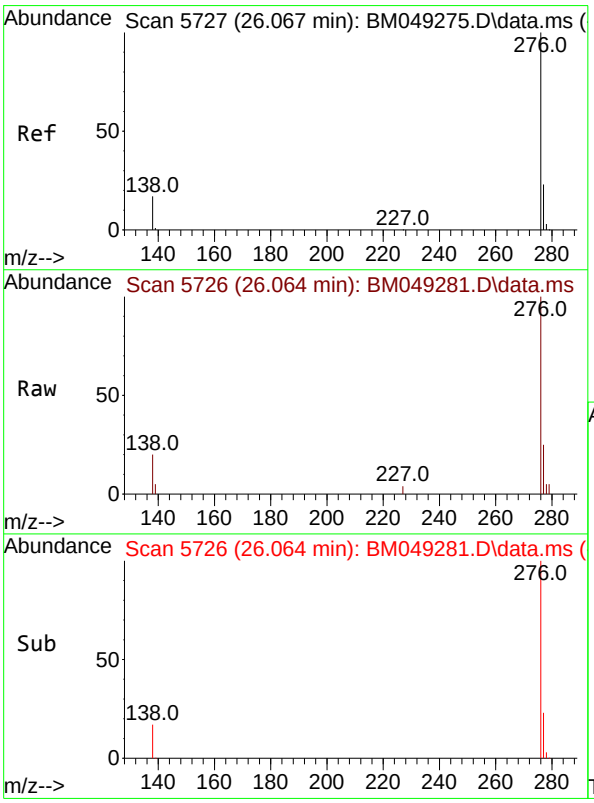
#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 25.430 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Instrument :
BNA_M
ClientSampleId :
YE680MSD

Tgt Ion:278 Resp: 20725

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.5	20.3
279	28.1	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.257 ng/ul
RT: 26.064 min Scan# 5726
Delta R.T. -0.004 min
Lab File: BM049281.D
Acq: 28 Dec 2024 07:58

Tgt Ion:276 Resp: 22456

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.7	25.1
277	25.3	19.9	29.9