Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049263.D
Acq On : 27 Dec 2024 20:37
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YE631

Quant Time: Dec 27 22:13:44 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	4441	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	13268	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.177	164	10097	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	916828	0.400	ng/ul	0.09
17) Chrysene-d12	21.275	240	131	0.400	ng/ul	# 0.14
23) Perylene-d12	23.496	264	42	0.400	ng/ul	# 0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	19362	3.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	4938	0.277	ng/ul	-0.01
18) Fluoranthene-d10	19.085	212	121207	326.104	ng/ul	0.12
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	4128	0.690	ng/ul	90
5) Naphthalene	10.347	128	575384	17.324	ng/ul	98
7) 2-Methylnaphthalene	11.969	142	145124	6.897	ng/ul	99
8) 1-Methylnaphthalene	12.195	142	81798	3.796	ng/ul	100
10) Acenaphthylene	13.899	152	4363	0.104	ng/ul#	1
11) Acenaphthene	14.242	153	15407	0.504	ng/ul	97
12) Fluorene	15.232	166	41196	1.195	ng/ul#	98
19) Fluoranthene	19.150	202	443	0.935	ng/ul#	1
20) Pyrene	19.498	202	484	0.958	ng/ul#	1
21) Benzo(a)anthracene	21.289	228	909	1.995	ng/ul#	1
22) Chrysene	21.289	228	836	1.710	ng/ul#	1
24) Benzo(b)fluoranthene	22.812	252	683	5.090	ng/ul#	1
25) Benzo(k)fluoranthene	22.897	252	128	0.869	ng/ul#	1
26) Benzo(a)pyrene	23.443	252	26	0.202	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.669	276	72	0.395	ng/ul#	41
28) Dibenzo(a,h)anthracene	25.669	278	351	2.481	ng/ul#	1
29) Benzo(g,h,i)perylene	26.286	276	13	0.089	ng/ul#	1

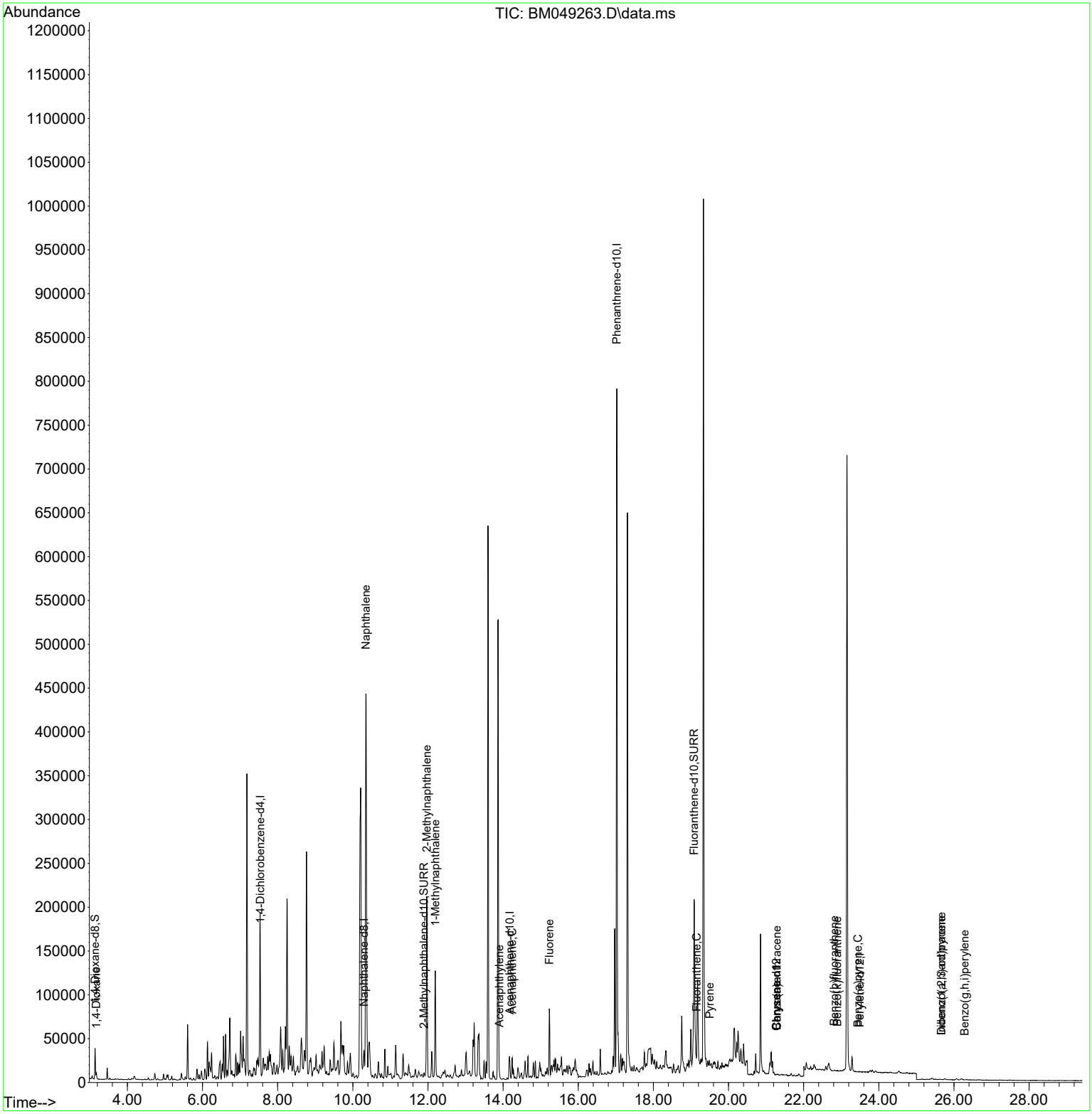
(#) = qualifier out of range (m) = manual integration (+) = signals summed

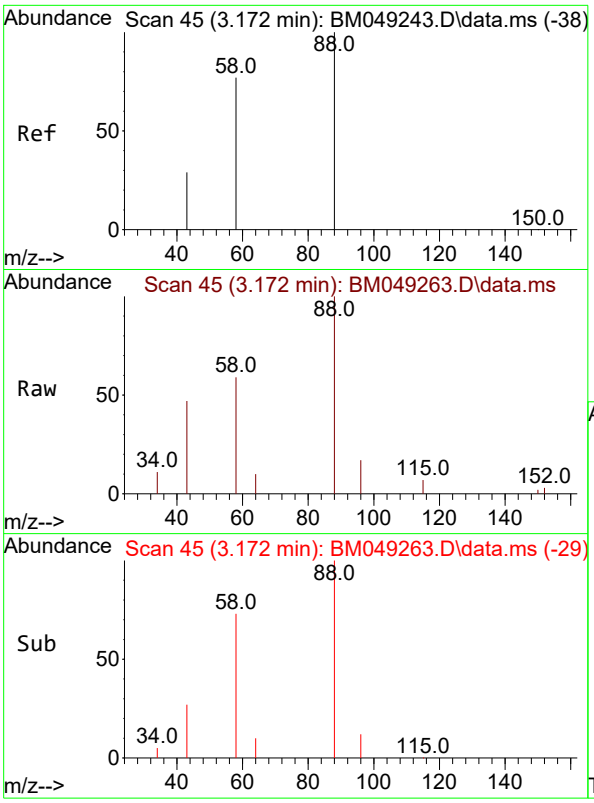
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049263.D
Acq On : 27 Dec 2024 20:37
Operator : RC/JU
Sample : P5324-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YE631

Quant Time: Dec 27 22:13:44 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



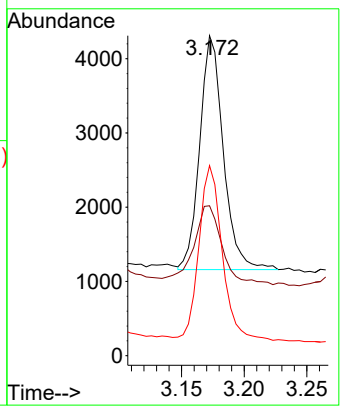


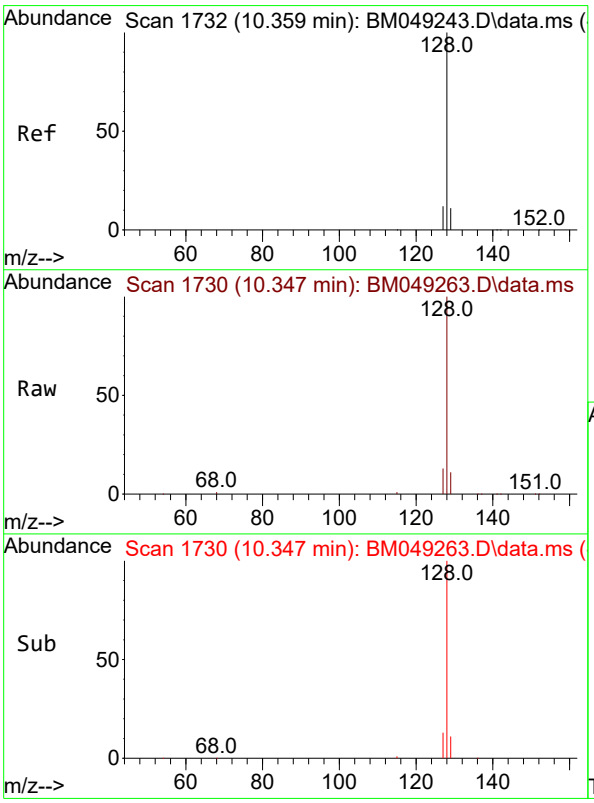
#2
1,4-Dioxane
Concen: 0.690 ng/ul
RT: 3.172 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion: 88 Resp: 4128

Ion	Ratio	Lower	Upper
88	100		
43	46.9	45.4	68.2
58	59.4	43.6	65.4

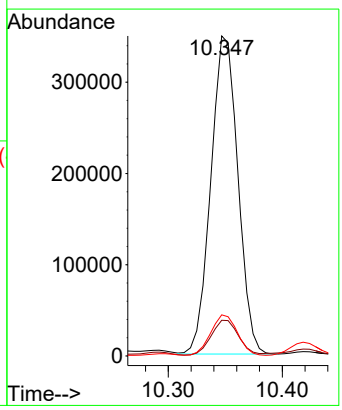


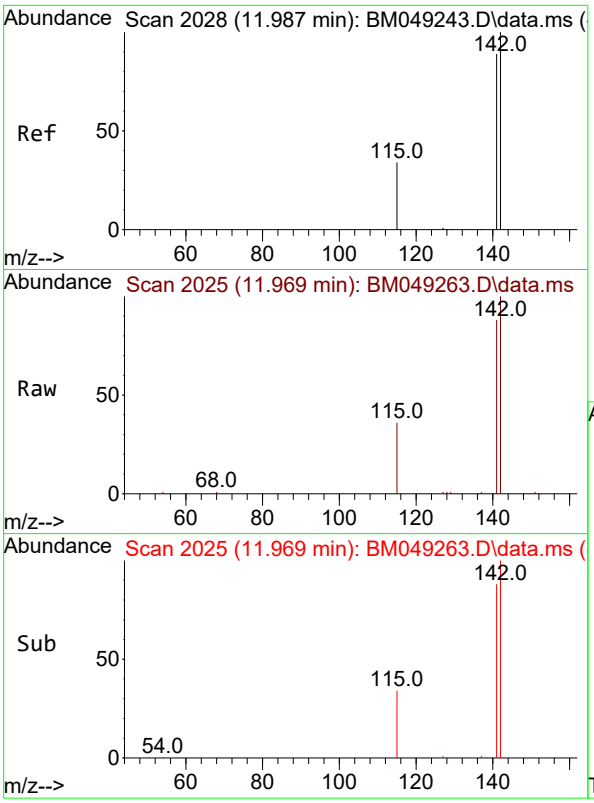


#5
Naphthalene
Concen: 17.324 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.011 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:128 Resp: 575384

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	12.8	10.6	16.0



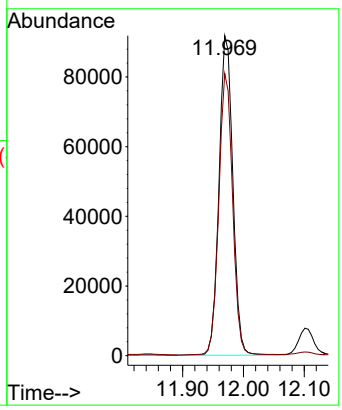


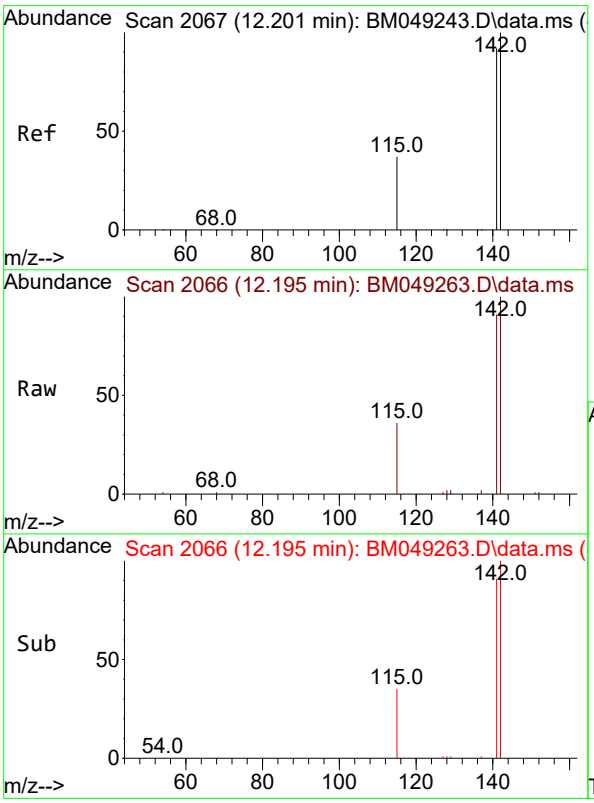
#7
2-Methylnaphthalene
Concen: 6.897 ng/ul
RT: 11.969 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:142 Resp: 145124

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5

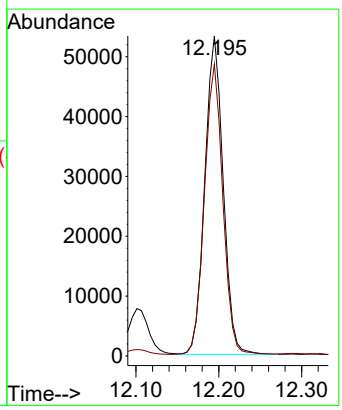


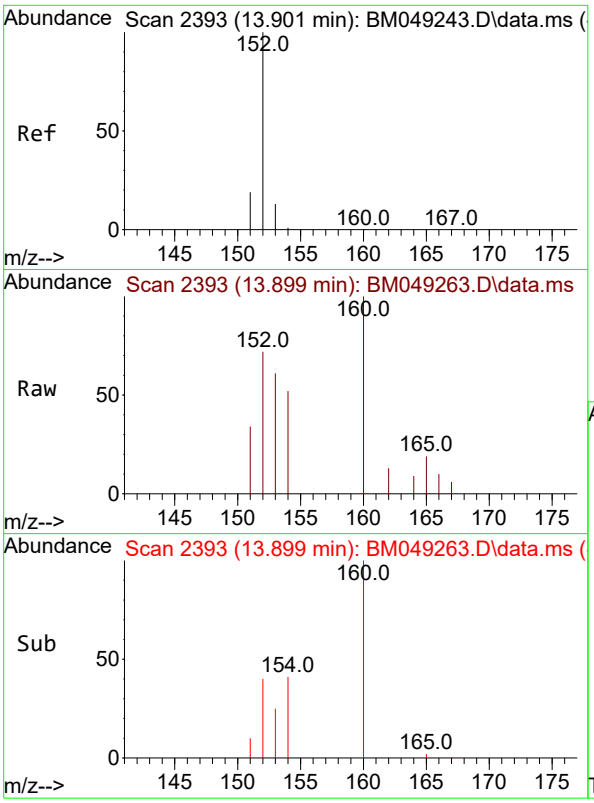


#8
1-Methylnaphthalene
Concen: 3.796 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:142 Resp: 81798

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.7	109.1



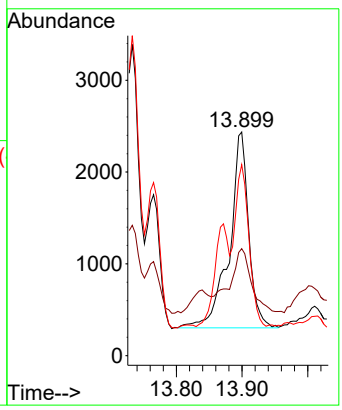


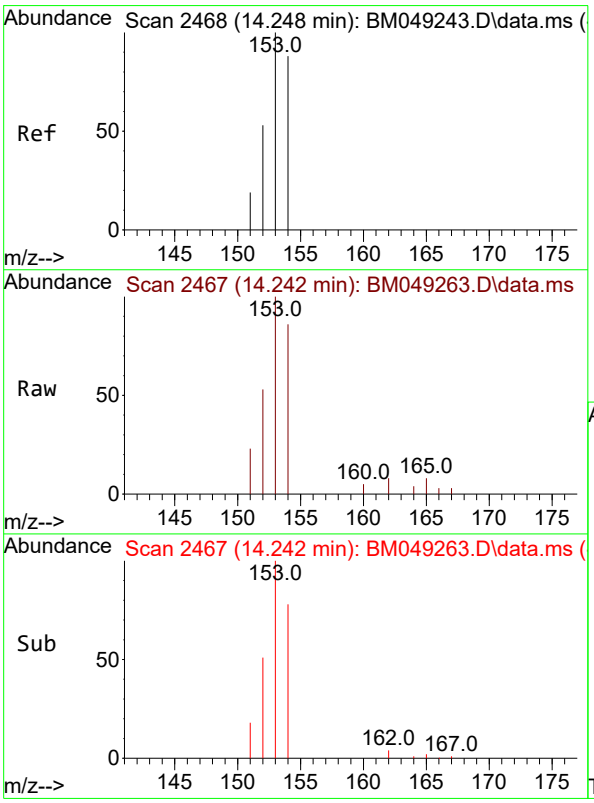
#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.899 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:152 Resp: 4363

Ion	Ratio	Lower	Upper
152	100		
151	47.8	16.0	24.0#
153	85.4	11.0	16.6#

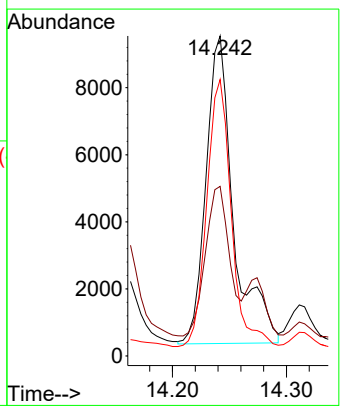


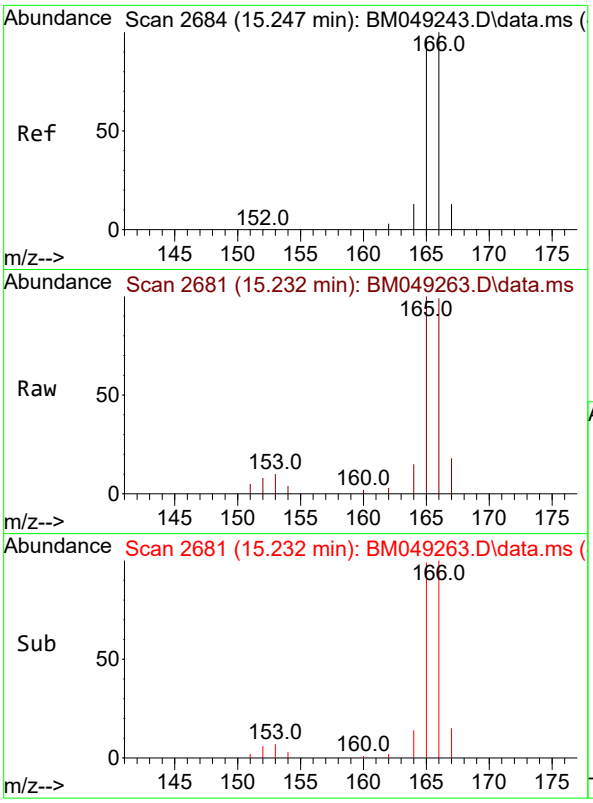


#11
Acenaphthene
Concen: 0.504 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:153 Resp: 15407

Ion	Ratio	Lower	Upper
153	100		
152	53.0	40.7	61.1
154	86.4	70.8	106.2



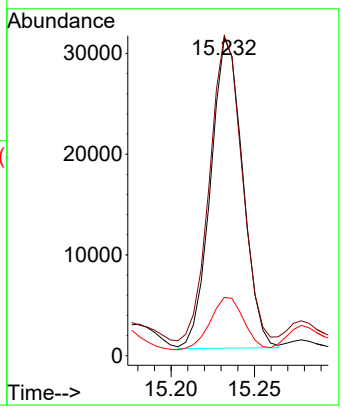


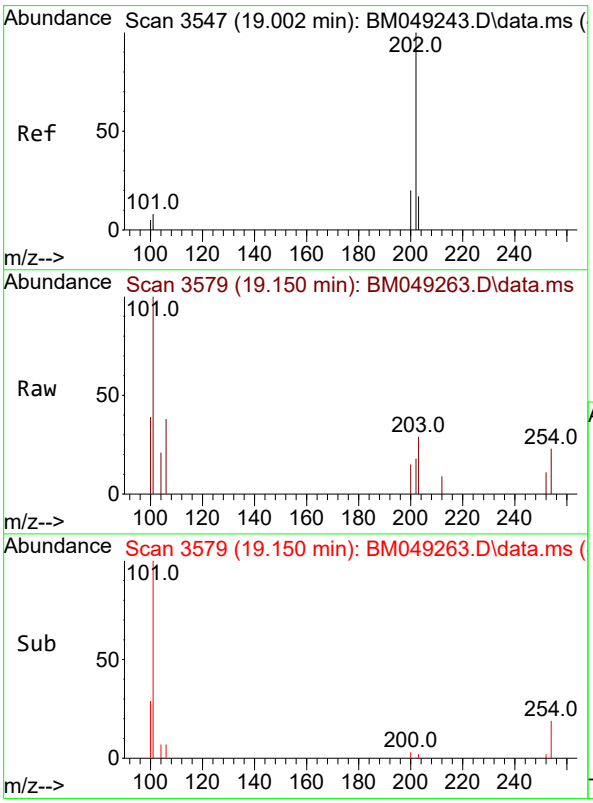
#12
Fluorene
Concen: 1.195 ng/ul
RT: 15.232 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:166 Resp: 41196

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.7	119.5
167	18.3	11.4	17.0#

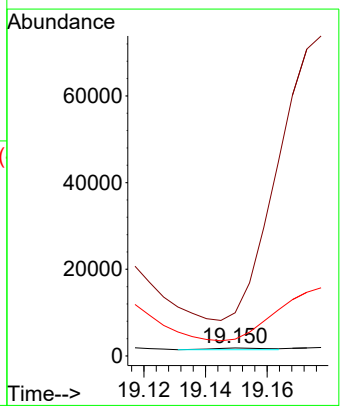


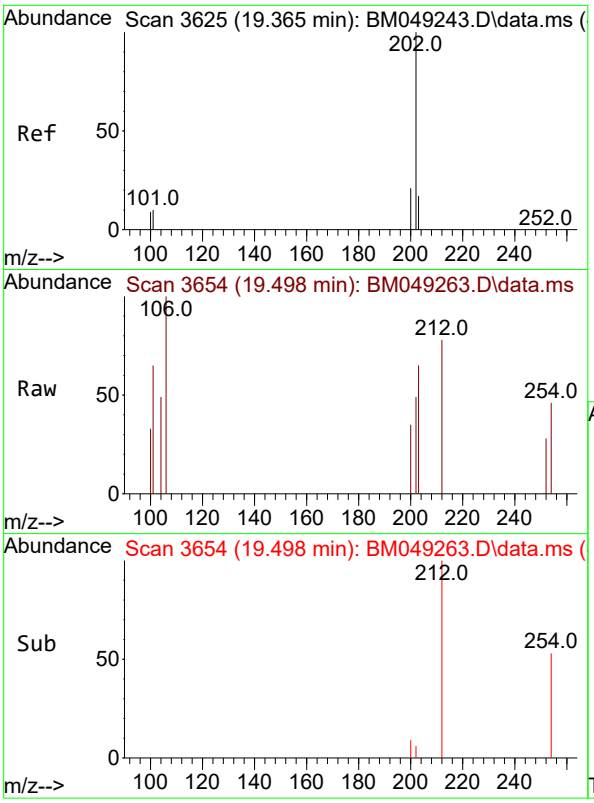


#19
Fluoranthene
Concen: 0.935 ng/ul
RT: 19.150 min Scan# 3579
Delta R.T. 0.149 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:202 Resp: 443

Ion	Ratio	Lower	Upper
202	100		
101	541.8	7.6	11.4#
100	210.2	5.5	8.3#



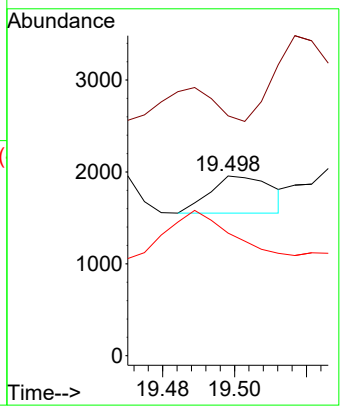


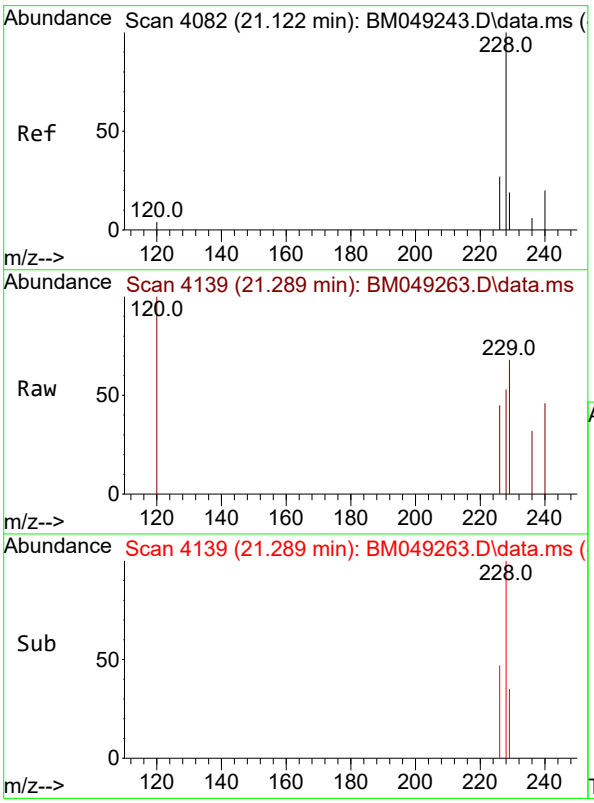
#20
Pyrene
Concen: 0.958 ng/ul
RT: 19.498 min Scan# 3
Delta R.T. 0.135 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:202 Resp: 484

Ion	Ratio	Lower	Upper
202	100		
101	133.5	8.9	13.3#
100	68.3	6.9	10.3#

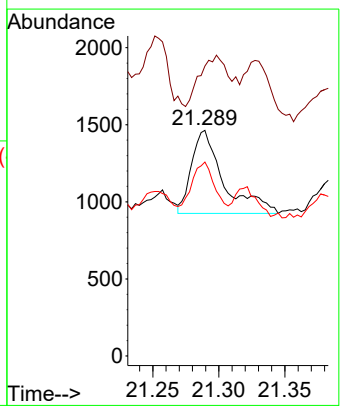


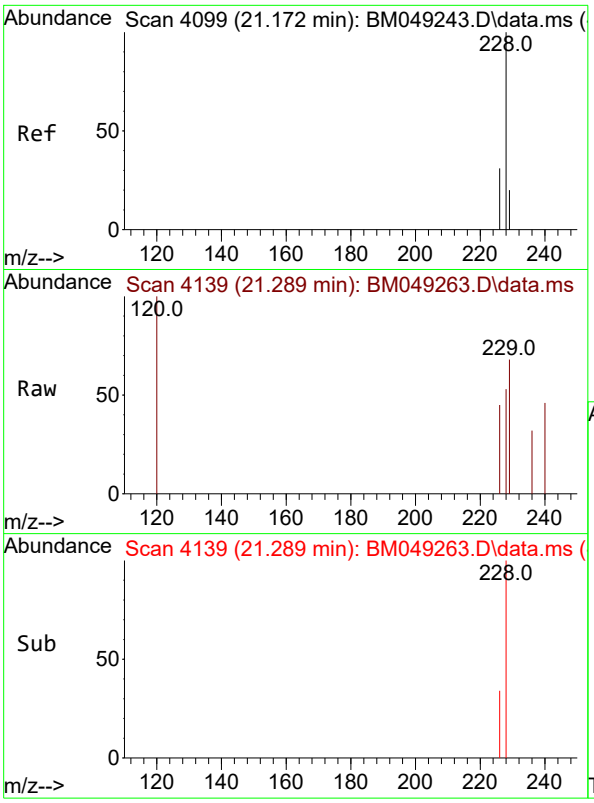


#21
Benzo(a)anthracene
Concen: 1.995 ng/ul
RT: 21.289 min Scan# 4139
Delta R.T. 0.170 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:228 Resp: 909

Ion	Ratio	Lower	Upper
228	100		
229	128.5	15.9	23.9#
226	85.9	22.6	34.0#



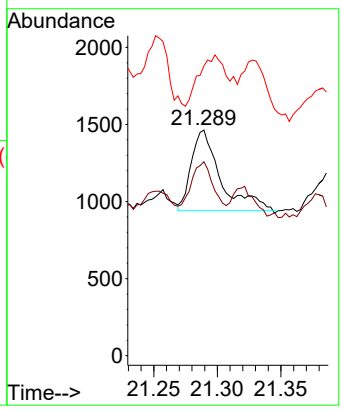


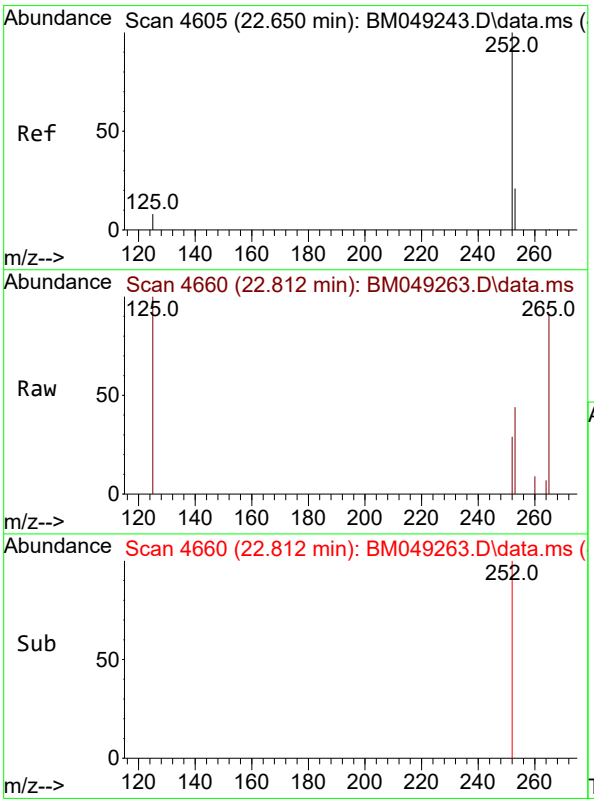
#22
Chrysene
Concen: 1.710 ng/ul
RT: 21.289 min Scan# 4
Delta R.T. 0.117 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:228 Resp: 836

Ion	Ratio	Lower	Upper
228	100		
226	85.9	24.1	36.1#
229	128.5	15.8	23.8#

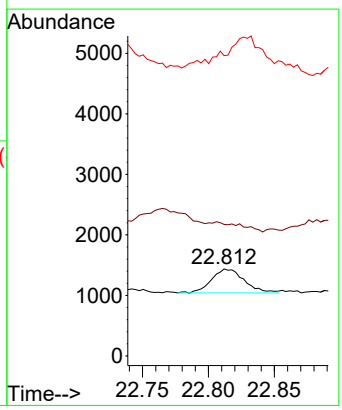


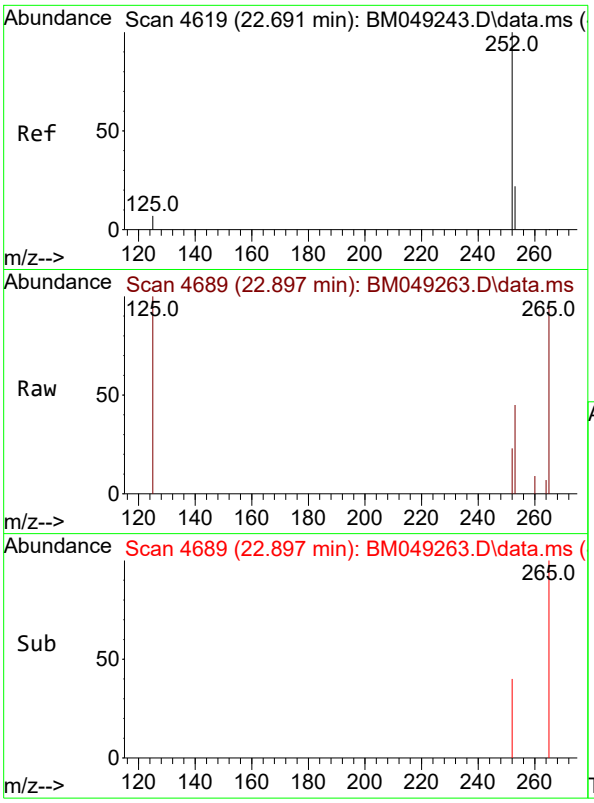


#24
Benzo(b)fluoranthene
Concen: 5.090 ng/ul
RT: 22.812 min Scan# 4660
Delta R.T. 0.164 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:252 Resp: 683

Ion	Ratio	Lower	Upper
252	100		
253	151.1	0.0	52.6#
125	344.8	0.0	30.8#



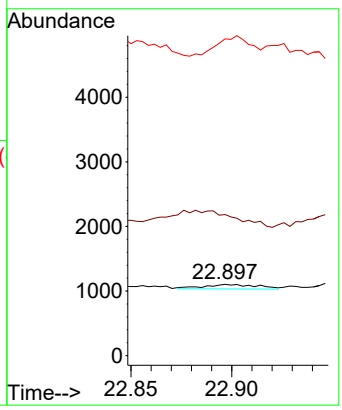


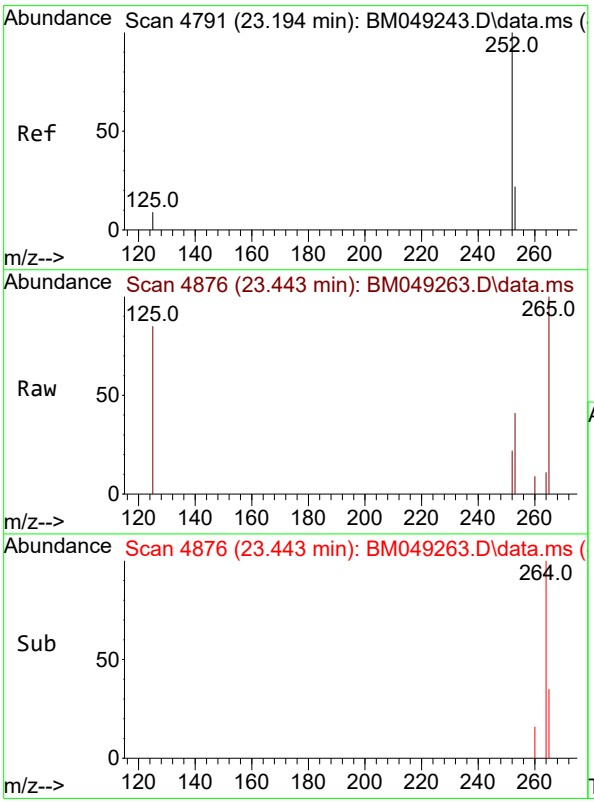
#25
Benzo(k)fluoranthene
Concen: 0.869 ng/ul
RT: 22.897 min Scan# 4
Delta R.T. 0.205 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:252 Resp: 128

Ion	Ratio	Lower	Upper
252	100		
253	197.6	21.3	31.9#
125	443.8	12.6	18.8#

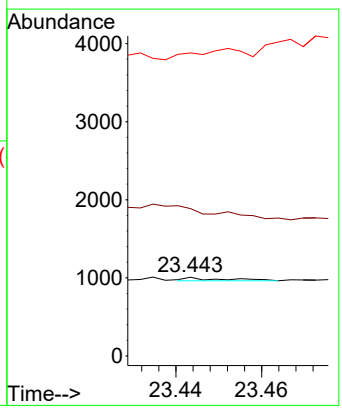


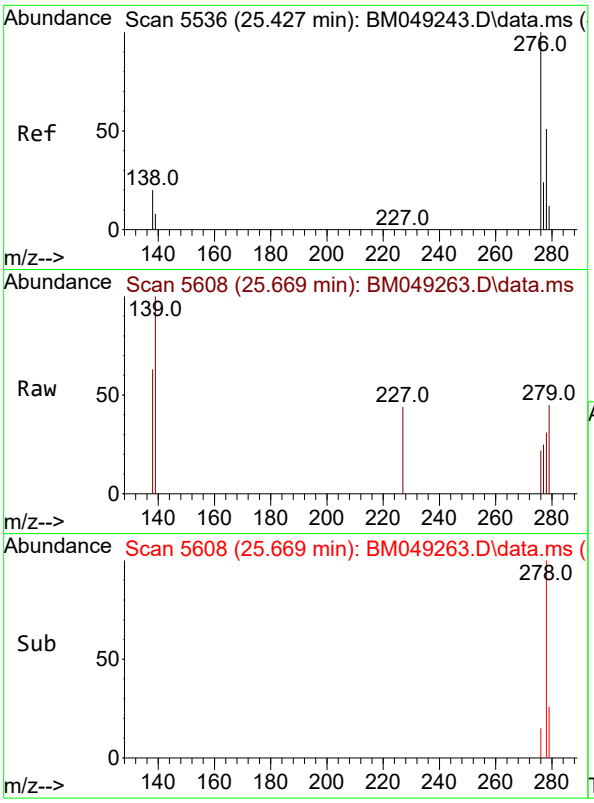


#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.443 min Scan# 4876
Delta R.T. 0.252 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:252 Resp: 26

Ion	Ratio	Lower	Upper
252	100		
253	187.1	22.4	33.6#
125	384.5	14.8	22.2#



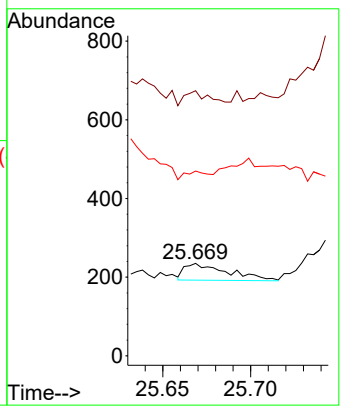


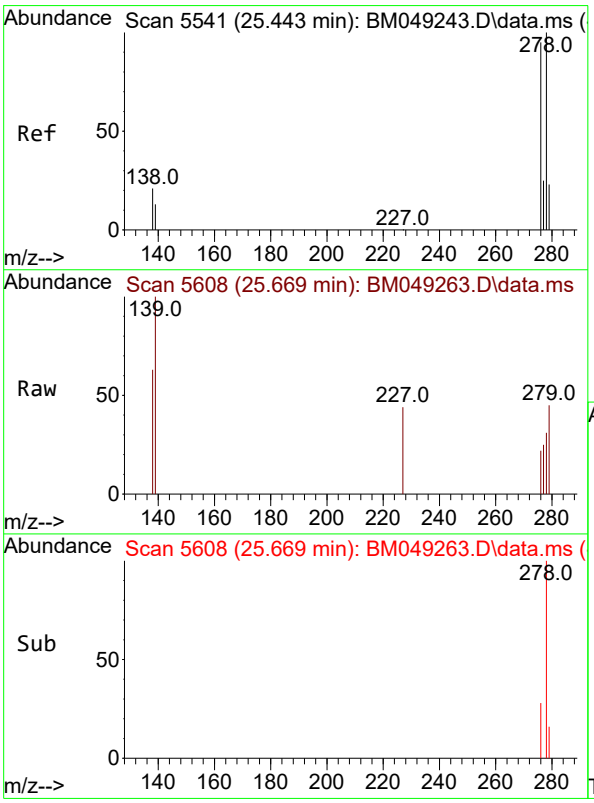
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 25.669 min Scan# 5
Delta R.T. 0.252 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:276 Resp: 72

Ion	Ratio	Lower	Upper
276	100		
138	50.0	17.4	26.2#
227	0.0	0.2	0.2#

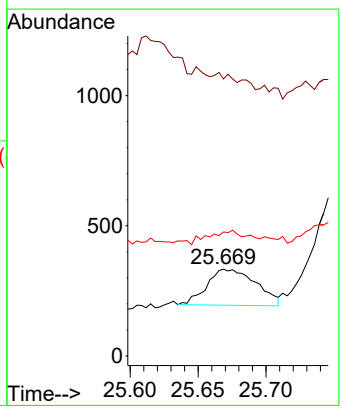


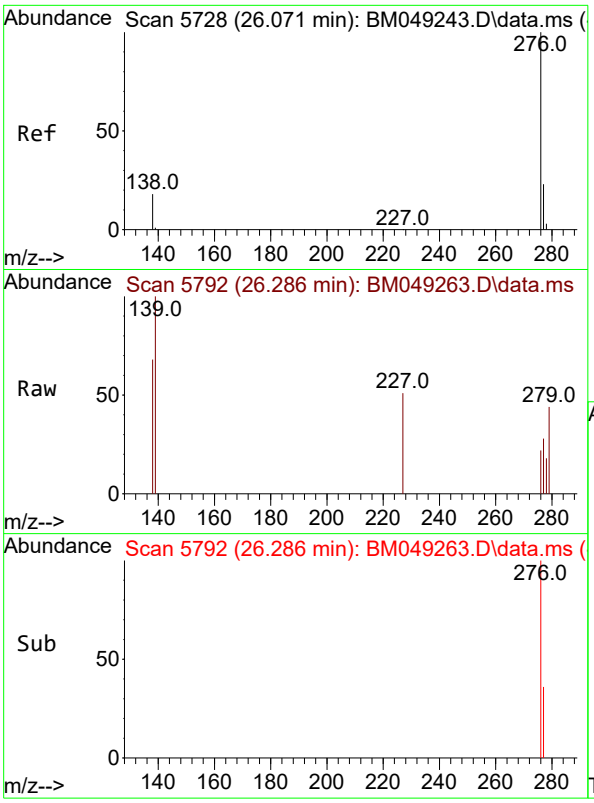


#28
Dibenzo(a,h)anthracene
Concen: 2.481 ng/ul
RT: 25.669 min Scan# 5608
Delta R.T. 0.232 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Tgt Ion:278 Resp: 351

Ion	Ratio	Lower	Upper
278	100		
139	319.5	13.5	20.3#
279	142.9	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.089 ng/ul
RT: 26.286 min Scan# 5
Delta R.T. 0.218 min
Lab File: BM049263.D
Acq: 27 Dec 2024 20:37

Instrument :
BNA_M
ClientSampleId :
YE631

Tgt Ion:276 Resp: 13

Ion	Ratio	Lower	Upper
276	100		
138	310.7	16.7	25.1#
277	128.3	19.9	29.9#