Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049119.D
Acq On : 21 Dec 2024 03:02
Operator : RC/JU
Sample : PB165708BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 21 03:30:09 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 : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	27	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.315	136	189	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.197	164	533	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.040	188	1921068	0.400	ng/ul	0.09
17) Chrysene-d12	21.224	240	8	0.400	ng/ul	# 0.08
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.31
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	51931	1667.713	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	10892	42.881	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	21364	941.224	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	314	8.627	ng/ul#	65
5) Naphthalene	10.370	128	307	0.649	ng/ul#	21
7) 2-Methylnaphthalene	11.998	142	195	0.651	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	200	0.652	ng/ul	83
10) Acenaphthylene	13.910	152	631	0.286	ng/ul#	47
11) Acenaphthene	14.252	153	172	0.107	ng/ul#	83
12) Fluorene	15.247	166	192	0.106	ng/ul#	87
19) Fluoranthene	19.011	202	482	16.664	ng/ul#	55
21) Benzo(a)anthracene	21.184	228	666	23.933	ng/ul#	64
22) Chrysene	21.184	228	626	20.961	ng/ul#	67

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

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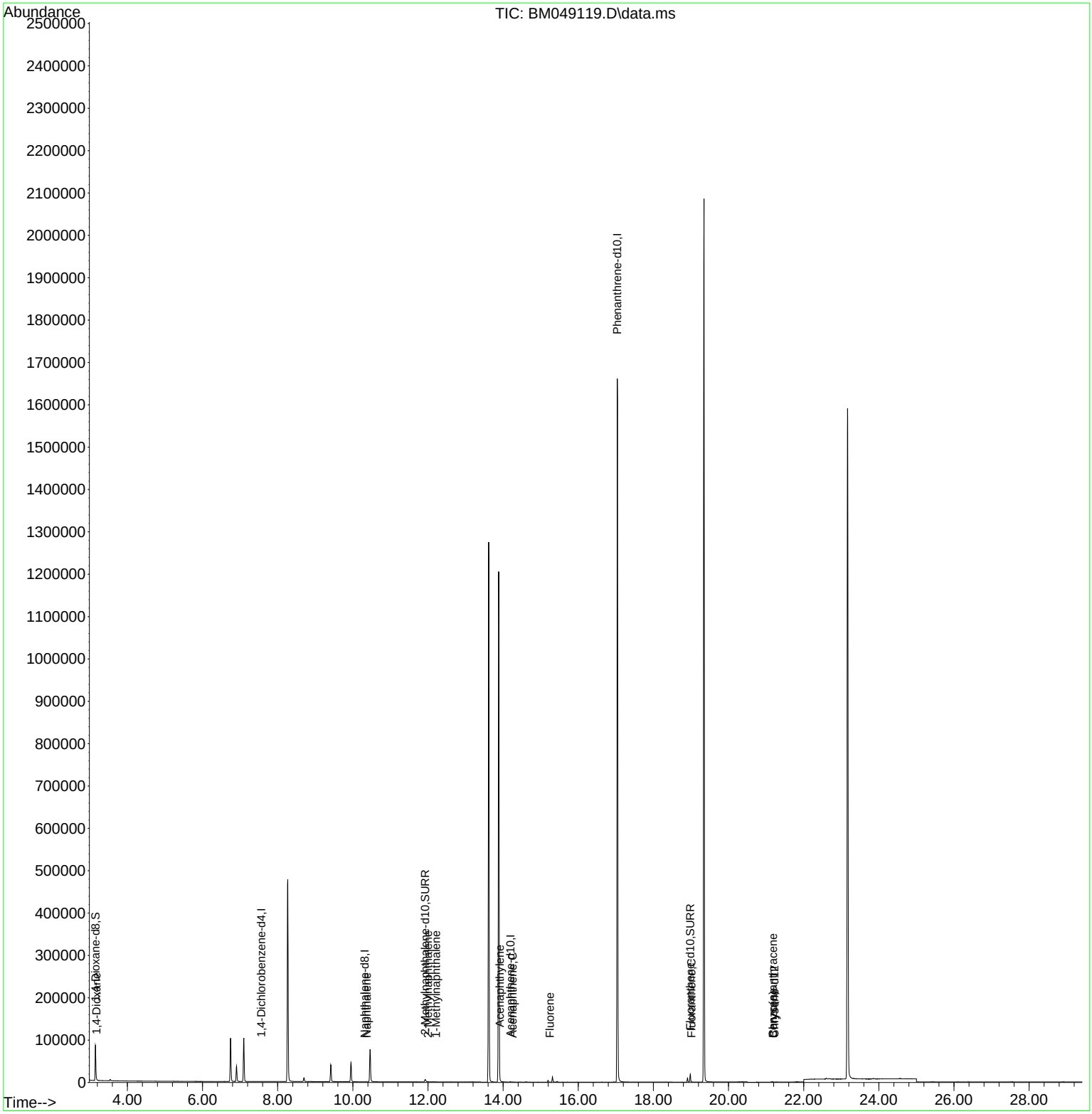
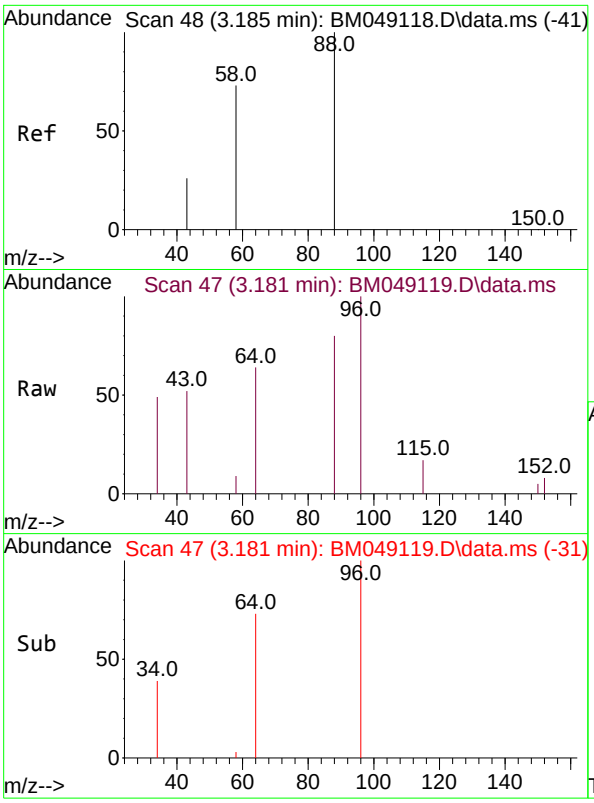


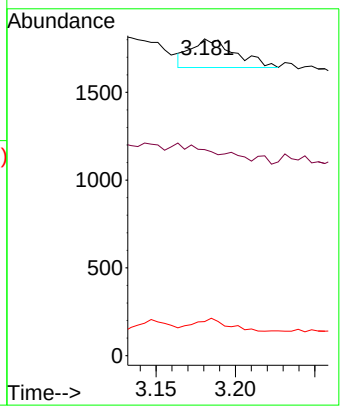


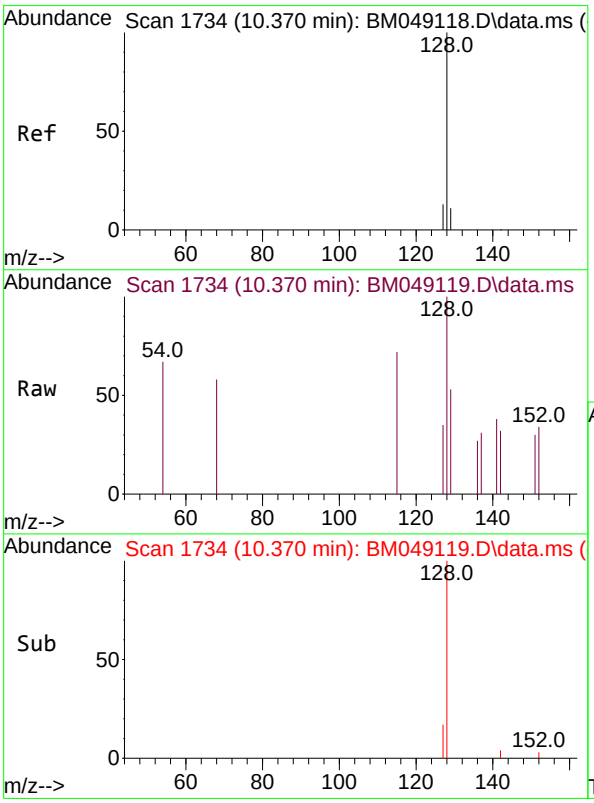
#2
1,4-Dioxane
Concen: 8.627 ng/ul
RT: 3.181 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 314

Ion	Ratio	Lower	Upper
88	100		
43	65.0	45.4	68.2
58	10.7	43.6	65.4#

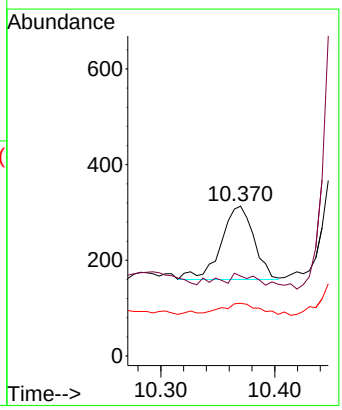


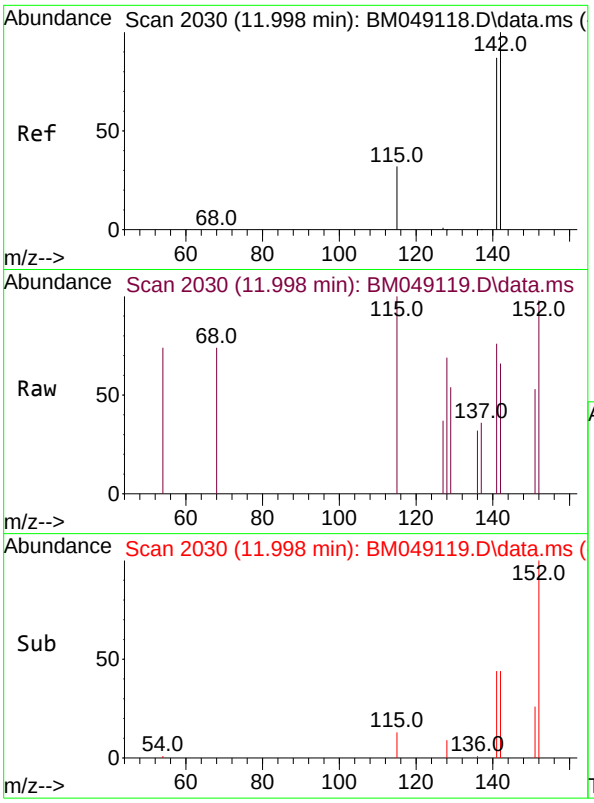


#5
Naphthalene
Concen: 0.649 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Tgt Ion:128 Resp: 307

Ion	Ratio	Lower	Upper
128	100		
129	53.4	9.7	14.5#
127	35.1	10.6	16.0#



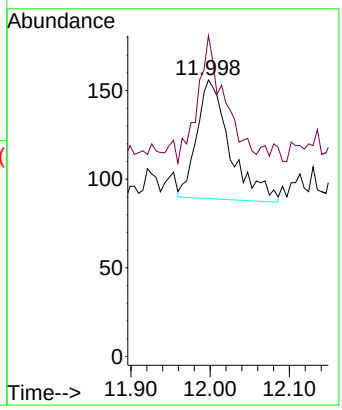


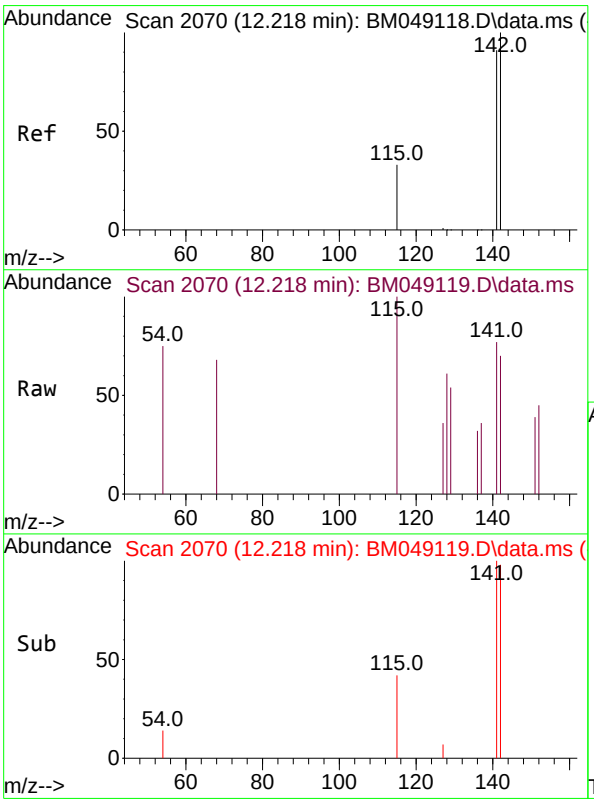
#7
2-Methylnaphthalene
Concen: 0.651 ng/ul
RT: 11.998 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 195

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.7	107.5

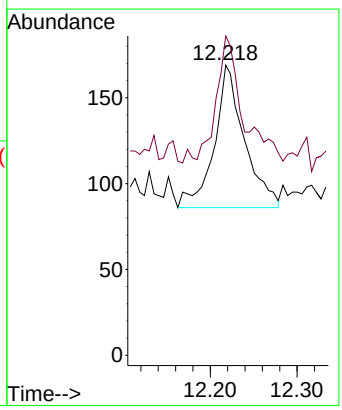


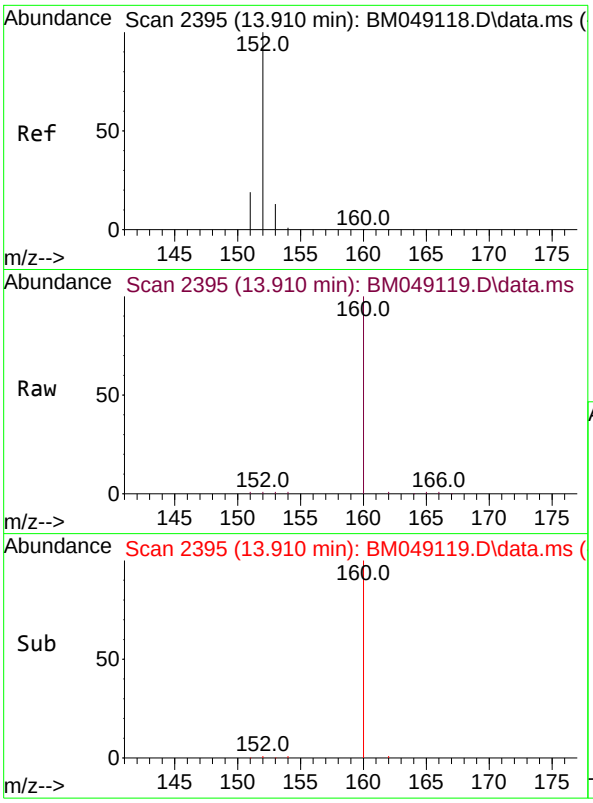


#8
1-Methylnaphthalene
Concen: 0.652 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.004 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Tgt Ion:142 Resp: 200

Ion	Ratio	Lower	Upper
142	100		
141	75.0	72.7	109.1



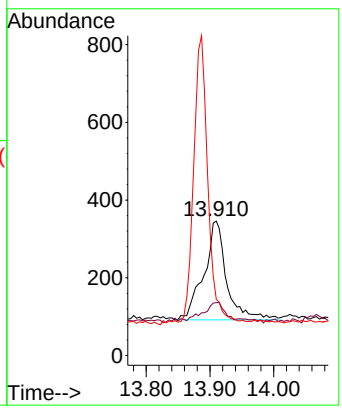


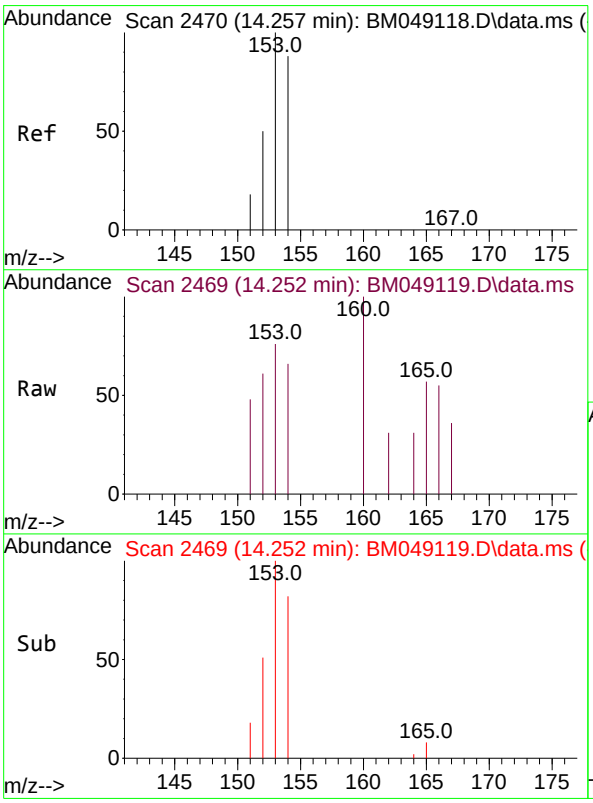
#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 13.910 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 631

Ion	Ratio	Lower	Upper
152	100		
151	39.3	16.0	24.0#
153	41.9	11.0	16.6#

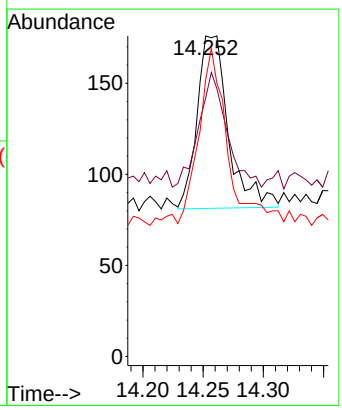


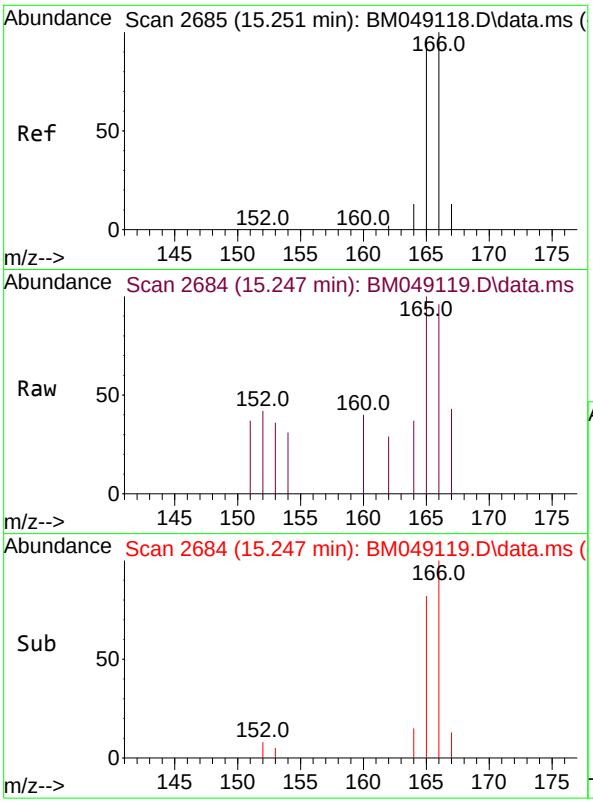


#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.252 min Scan# 2469
Delta R.T. -0.013 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Tgt Ion:153 Resp: 172

Ion	Ratio	Lower	Upper
153	100		
152	80.7	40.7	61.1#
154	86.4	70.8	106.2



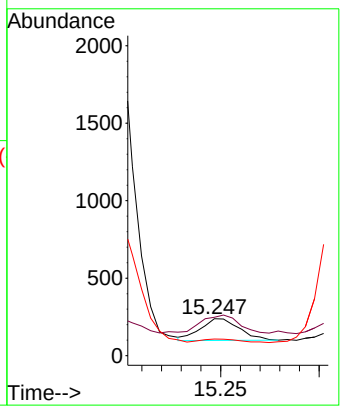


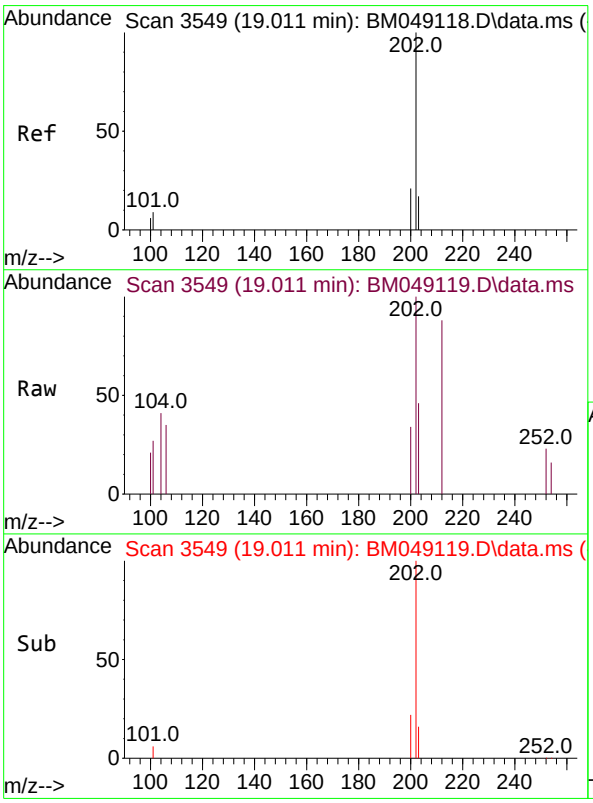
#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.247 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 192

Ion	Ratio	Lower	Upper
166	100		
165	104.2	79.7	119.5
167	45.0	11.4	17.0#

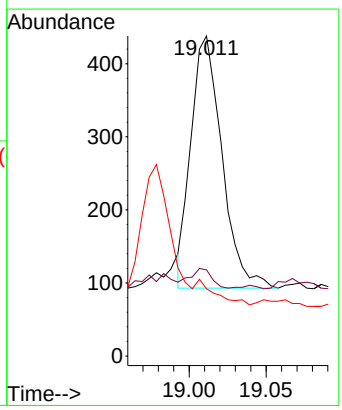


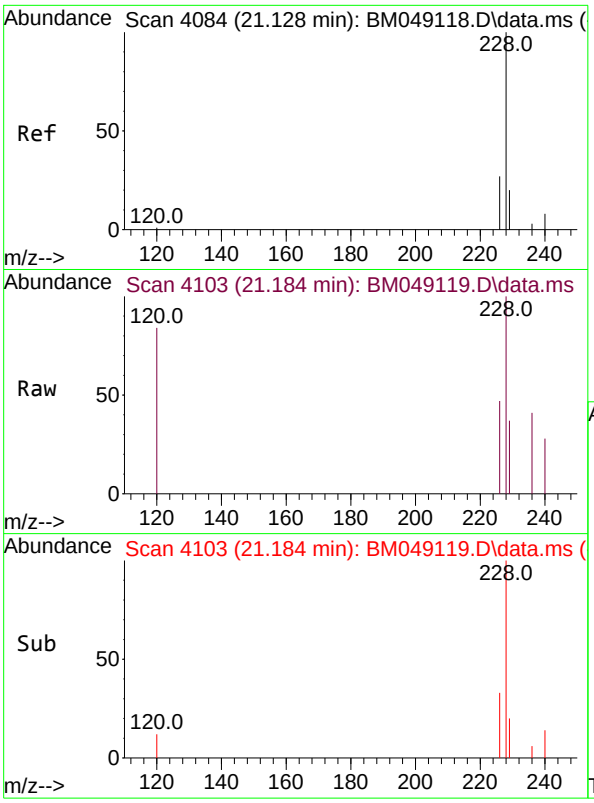


#19
Fluoranthene
Concen: 16.664 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Tgt Ion:202 Resp: 482

Ion	Ratio	Lower	Upper
202	100		
101	26.9	7.6	11.4#
100	21.0	5.5	8.3#



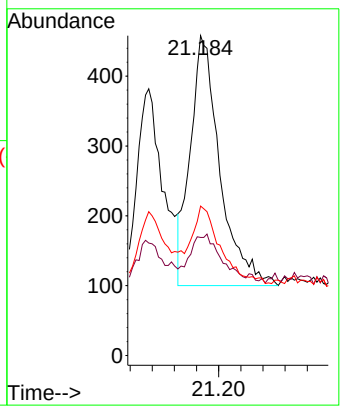


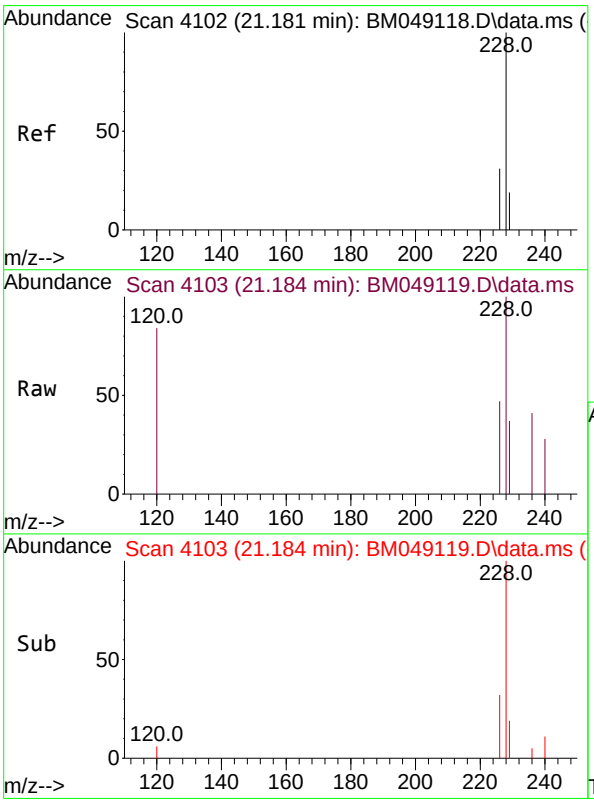
#21
Benzo(a)anthracene
Concen: 23.933 ng/ul
RT: 21.184 min Scan# 4
Delta R.T. 0.052 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 666

Ion	Ratio	Lower	Upper
228	100		
229	36.9	15.9	23.9#
226	46.7	22.6	34.0#





#22
Chrysene
Concen: 20.961 ng/ul
RT: 21.184 min Scan# 4103
Delta R.T. -0.000 min
Lab File: BM049119.D
Acq: 21 Dec 2024 03:02

Tgt Ion:228 Resp: 626

Ion	Ratio	Lower	Upper
228	100		
226	46.7	24.1	36.1#
229	36.9	15.8	23.8#