Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027936.D
Acq On : 28 Sep 2023 21:18
Operator : MA/JU
Sample : 04480-21
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BBJ07

Quant Time: Sep 29 04:00:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3796	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.779	136	14461	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	48147	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.359	188	23673	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.542	240	19445	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	17941	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	26015	5.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	15103	0.689	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	35624	0.600	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.834	128	29914	0.724	ng/ul#	45
7) 2-Methylnaphthalene	12.434	142	3027	0.115	ng/ul#	4
8) 1-Methylnaphthalene	12.654	142	43641	1.613	ng/ul#	70
11) Acenaphthene	14.671	153	15632	0.086	ng/ul	88
12) Fluorene	15.656	166	32309	0.151	ng/ul#	89
19) Fluoranthene	19.413	202	3297	0.042	ng/ul#	12
20) Pyrene	19.780	202	3928	0.048	ng/ul#	47

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

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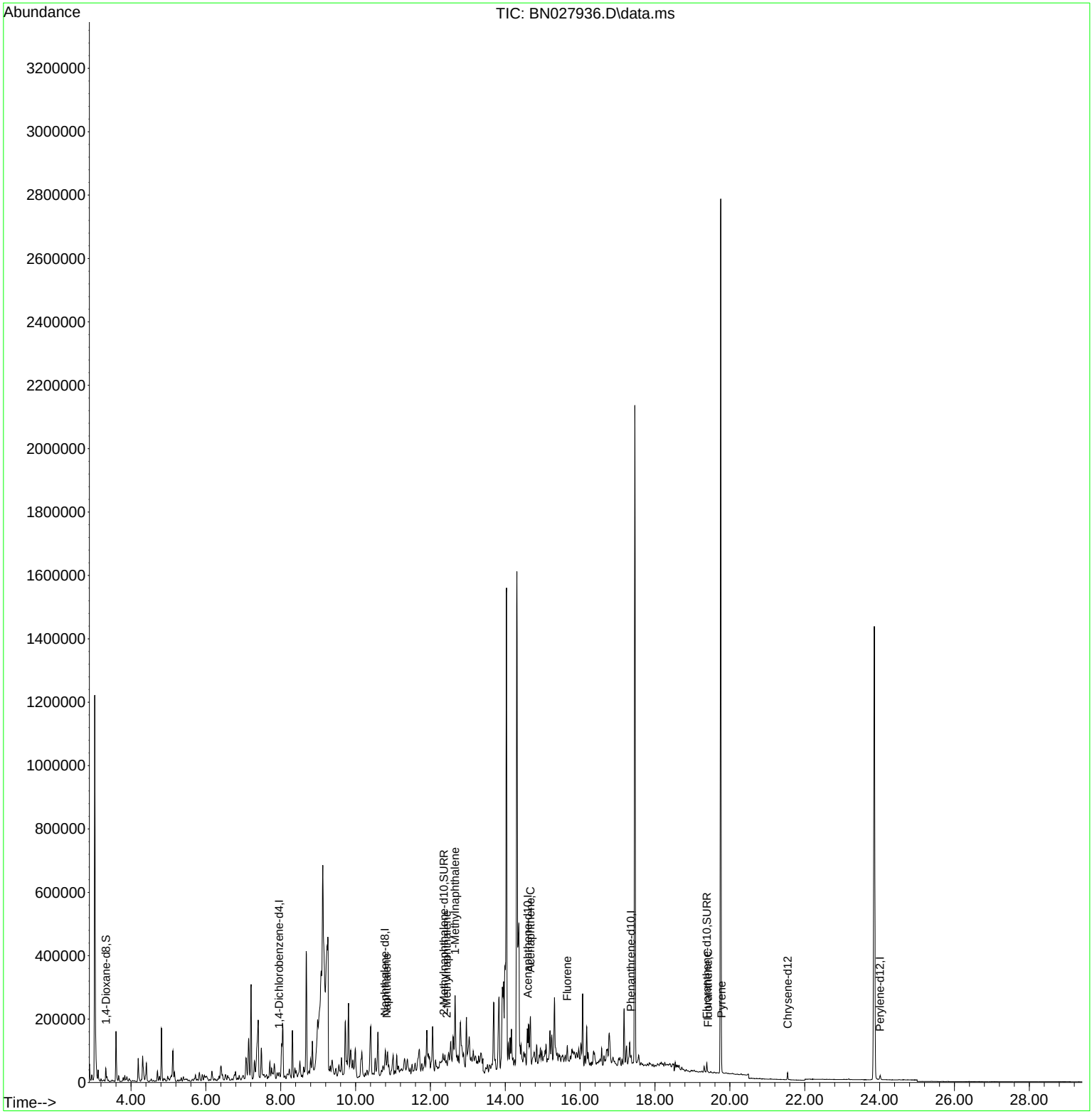
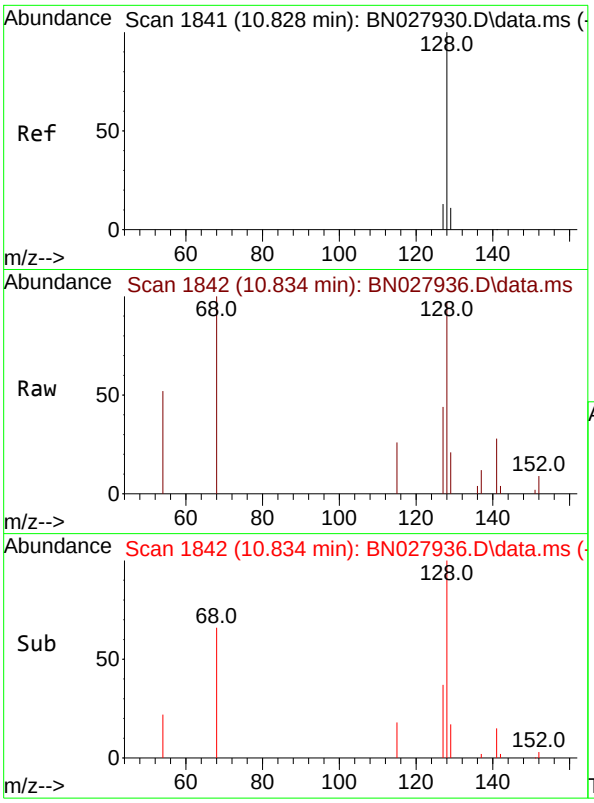


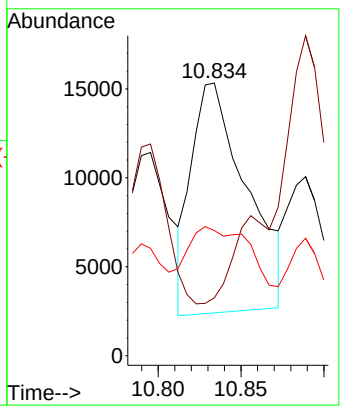


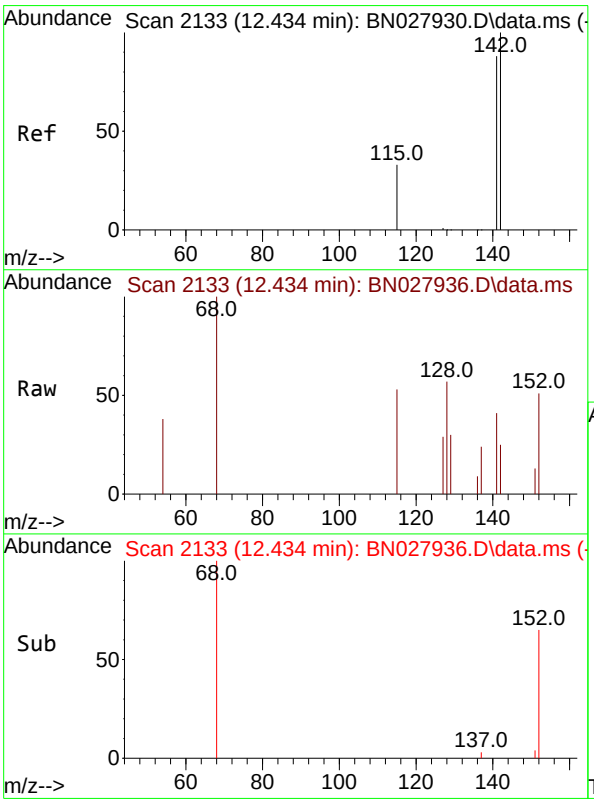
#5
Naphthalene
Concen: 0.724 ng/ul
RT: 10.834 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Instrument :
BNA_N
ClientSampleId :
BBJ07

Tgt Ion:128 Resp: 29914

Ion	Ratio	Lower	Upper
128	100		
129	21.2	9.3	13.9#
127	45.9	10.7	16.1#

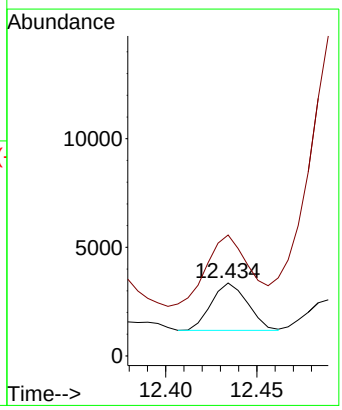


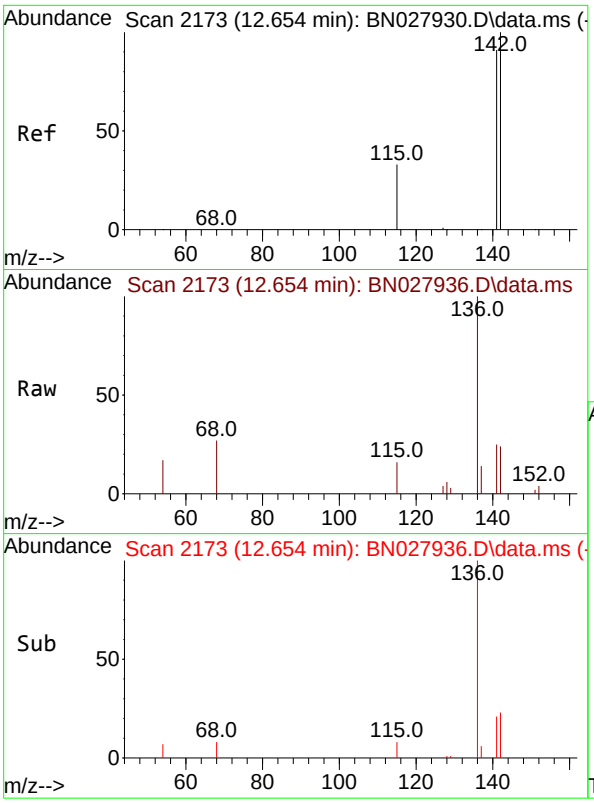


#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Tgt Ion:142 Resp: 3027

Ion	Ratio	Lower	Upper
142	100		
141	178.6	71.1	106.7#



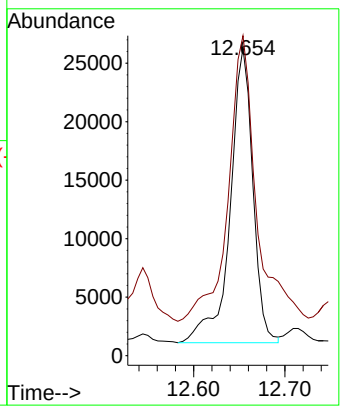


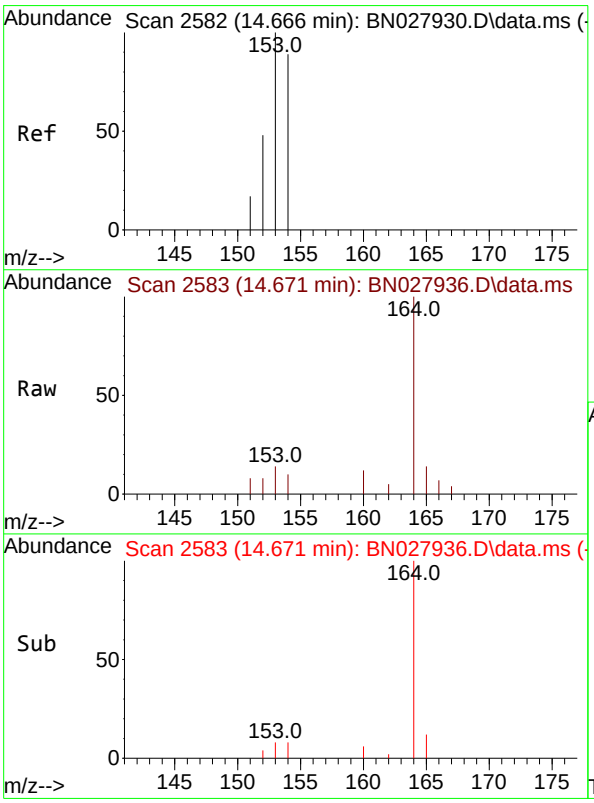
#8
1-Methylnaphthalene
Concen: 1.613 ng/ul
RT: 12.654 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Instrument :
BNA_N
ClientSampleId :
BBJ07

Tgt Ion:142 Resp: 43641

Ion	Ratio	Lower	Upper
142	100		
141	119.5	72.8	109.2#

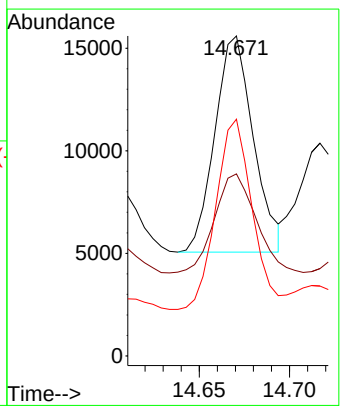


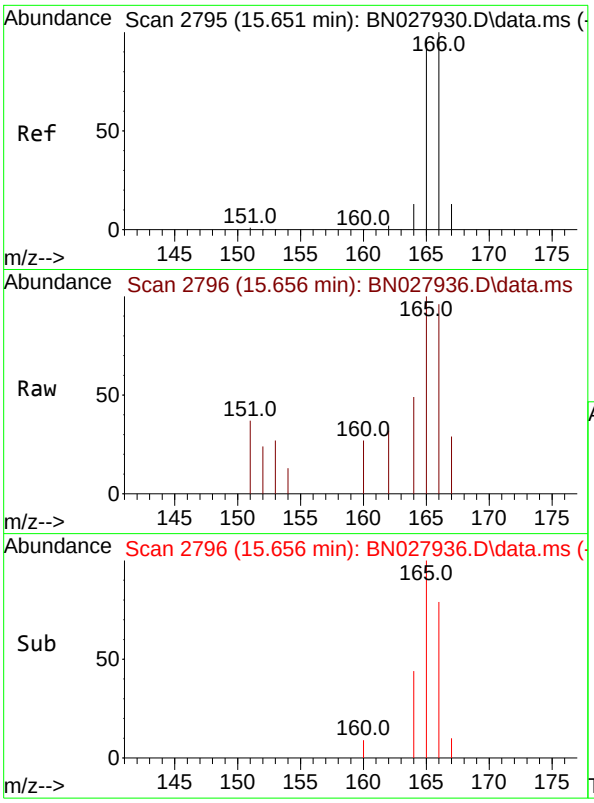


#11
Acenaphthene
Concen: 0.086 ng/ul
RT: 14.671 min Scan# 2583
Delta R.T. 0.005 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Tgt Ion:153 Resp: 15632

Ion	Ratio	Lower	Upper
153	100		
152	56.9	41.7	62.5
154	74.0	70.3	105.5



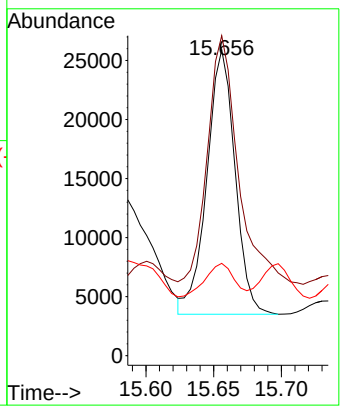


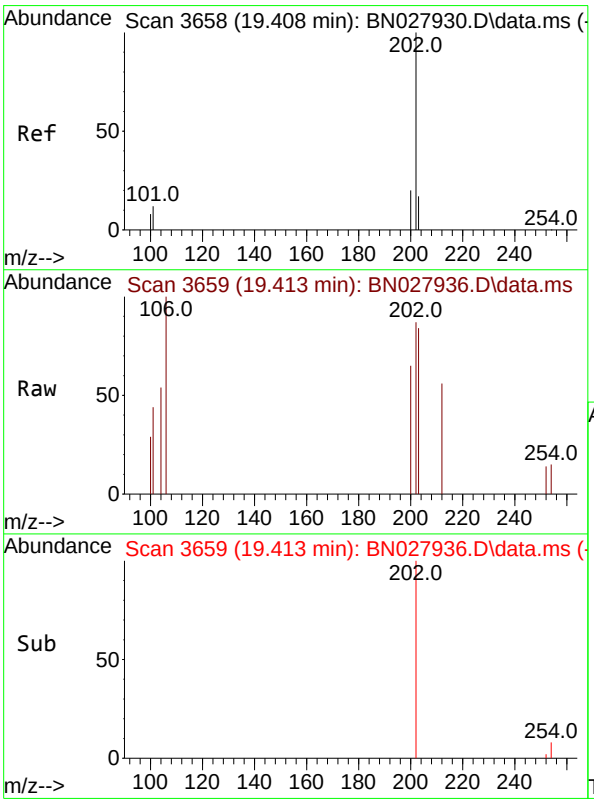
#12
Fluorene
Concen: 0.151 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Instrument :
BNA_N
ClientSampleId :
BBJ07

Tgt Ion:166 Resp: 32309

Ion	Ratio	Lower	Upper
166	100		
165	104.6	78.0	117.0
167	30.2	11.4	17.2#

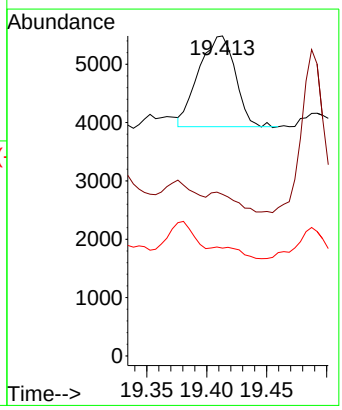


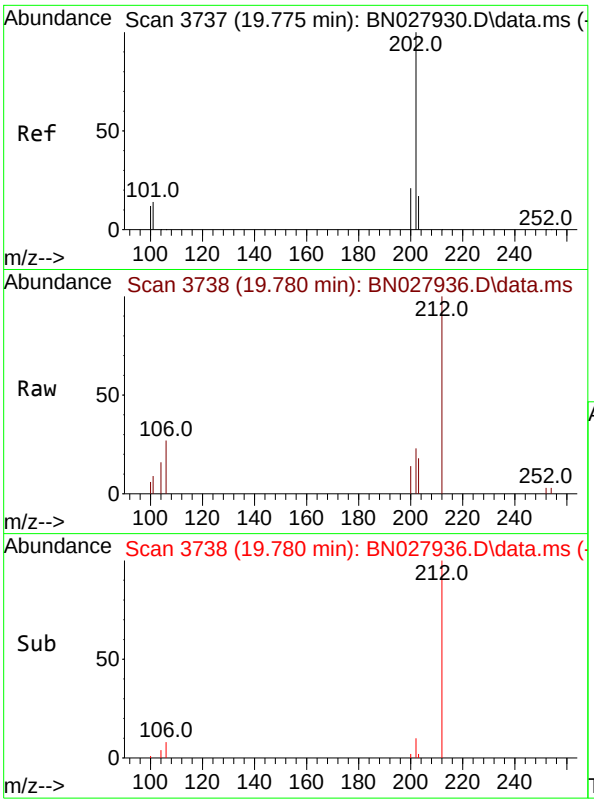


#19
Fluoranthene
Concen: 0.042 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Tgt Ion:202 Resp: 3297

Ion	Ratio	Lower	Upper
202	100		
101	50.5	9.3	13.9#
100	33.7	7.0	10.4#





#20
Pyrene
Concen: 0.048 ng/ul
RT: 19.780 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN027936.D
Acq: 28 Sep 2023 21:18

Instrument :
BNA_N
ClientSampleId :
BBJ07

Tgt Ion:202 Resp: 3928

Ion	Ratio	Lower	Upper
202	100		
101	39.0	11.4	17.0#
100	27.7	9.1	13.7#