Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019945.D
Acq On : 25 May 2022 11:13
Operator : CG/JU
Sample : N2950-12DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTD2DL

Quant Time: May 26 01:15:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	5085	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	17417	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.469	164	10372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	21014	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	12905	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	10705	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	4116	0.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1711	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	3499	0.076	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.689	128	90070	1.649	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	50709	1.401	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	39833	1.182	ng/ul#	100
10) Acenaphthylene	14.192	152	5763	0.098	ng/ul	98
11) Acenaphthene	14.534	153	83879	2.094	ng/ul	100
12) Fluorene	15.520	166	25143	0.561	ng/ul	98
15) Phenanthrene	17.251	178	3068	0.042	ng/ul	94
16) Anthracene	17.344	178	1450	0.021	ng/ul#	88

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

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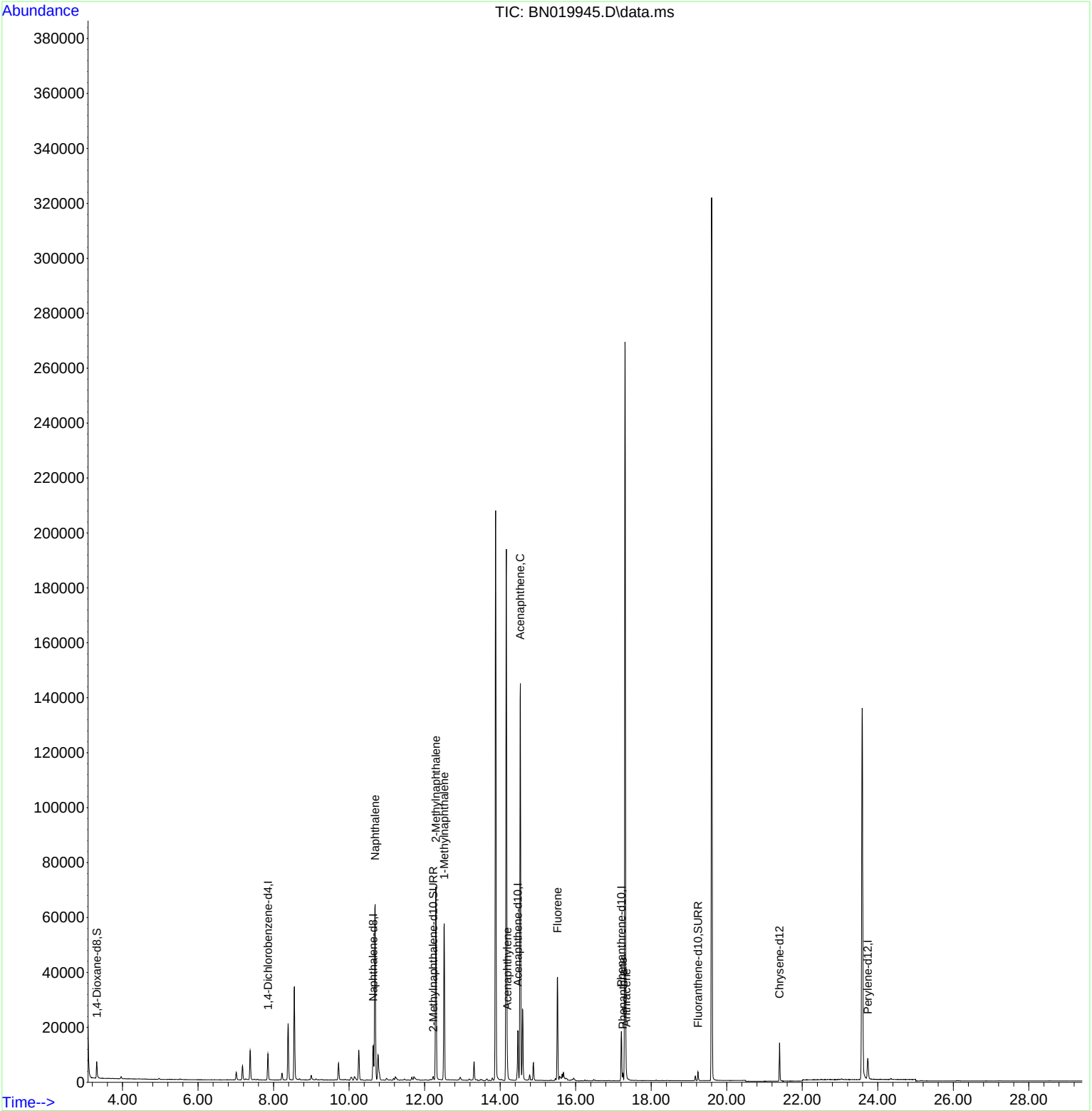
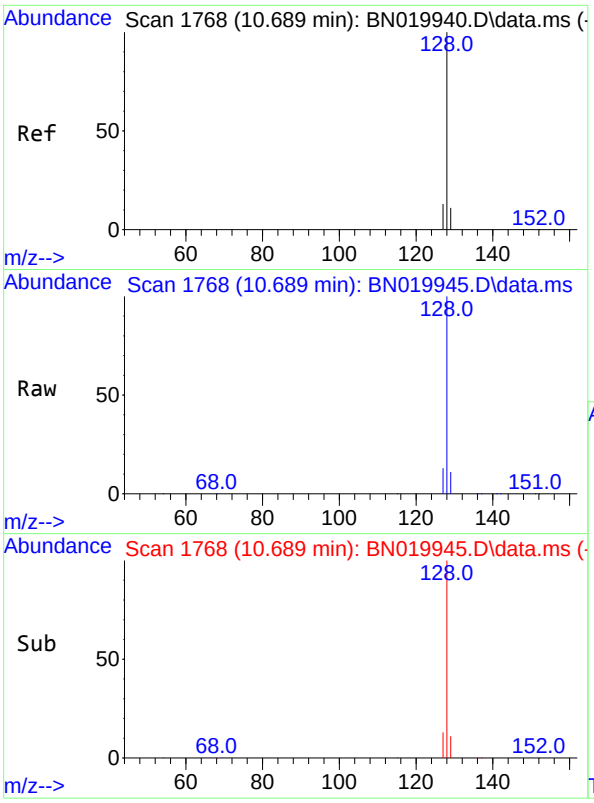


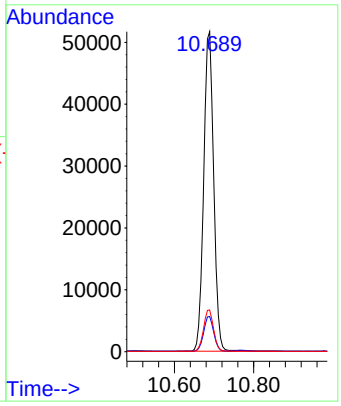


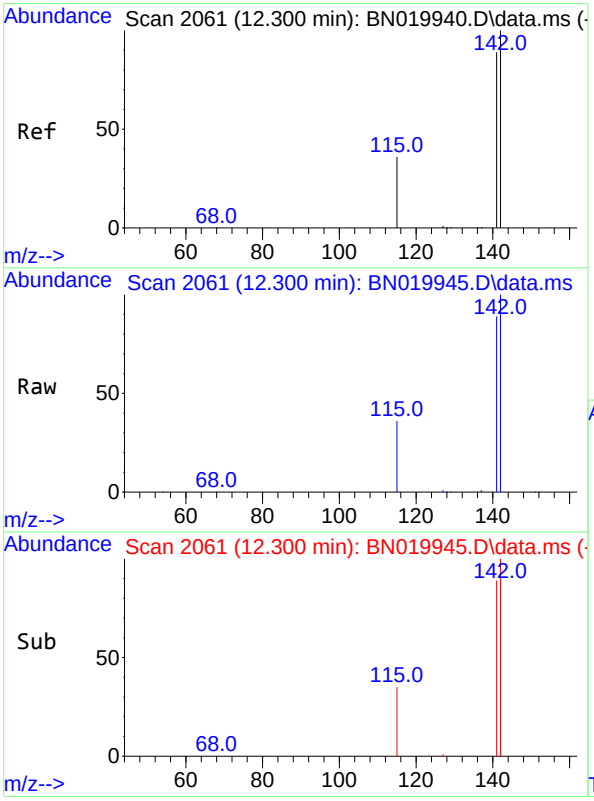
#5
Naphthalene
Concen: 1.649 ng/ul
RT: 10.689 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Instrument :
BNA_N
ClientSampleId :
DBTD2DL

Tgt Ion:128 Resp: 90070

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.1	11.0	16.4

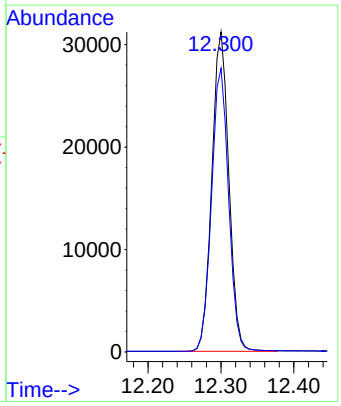


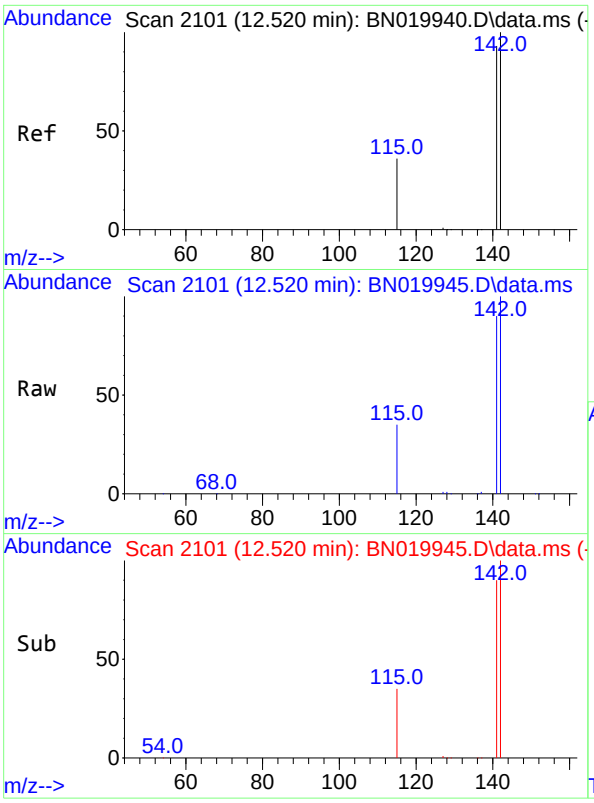


#7
2-Methylnaphthalene
Concen: 1.401 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Tgt Ion:142 Resp: 50709

Ion	Ratio	Lower	Upper
142	100		
141	88.7	0.0	0.0#



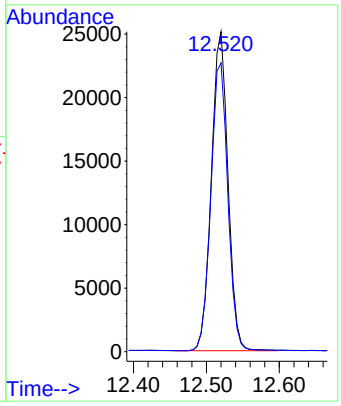


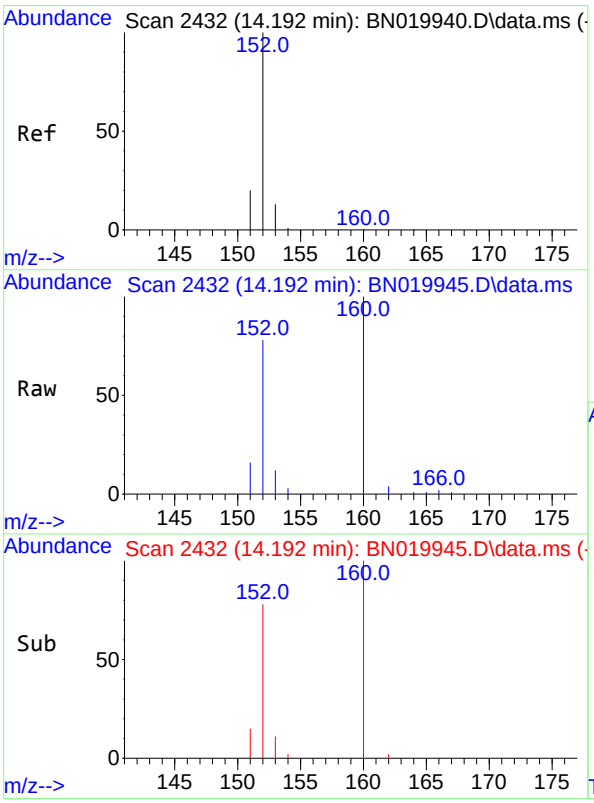
#8
1-Methylnaphthalene
Concen: 1.182 ng/ul
RT: 12.520 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Instrument :
BNA_N
ClientSampleId :
DBTD2DL

Tgt Ion:142 Resp: 39833

Ion	Ratio	Lower	Upper
142	100		
141	92.1	0.0	0.0#

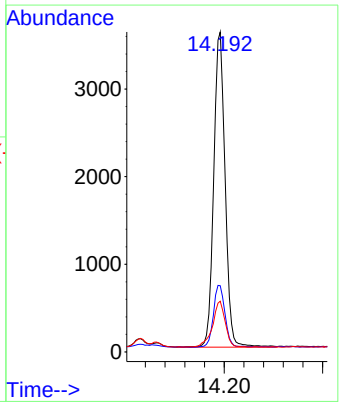


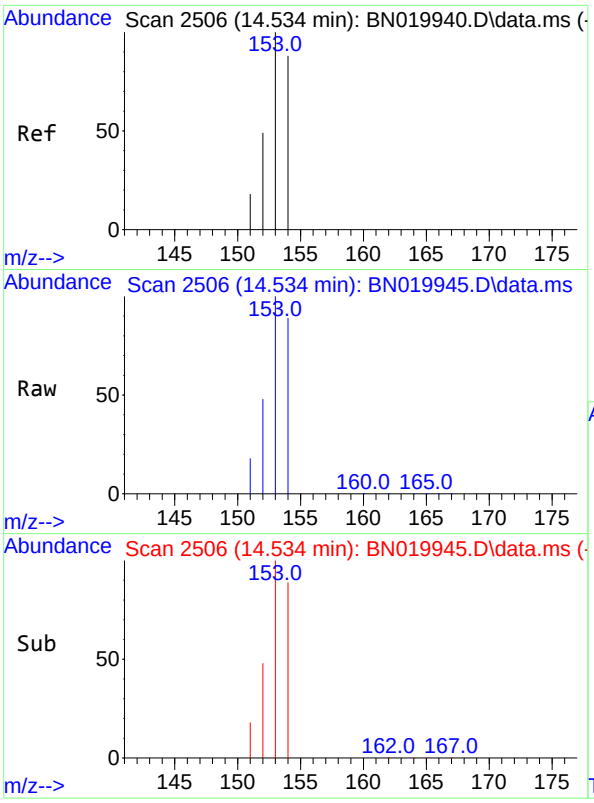


#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Tgt Ion:152 Resp: 5763

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	15.8	11.1	16.7



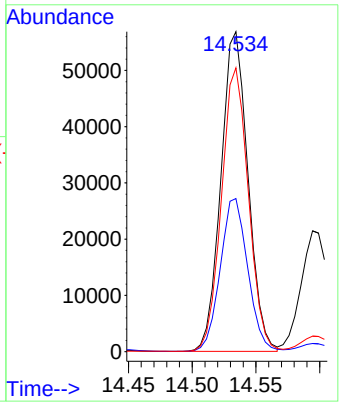


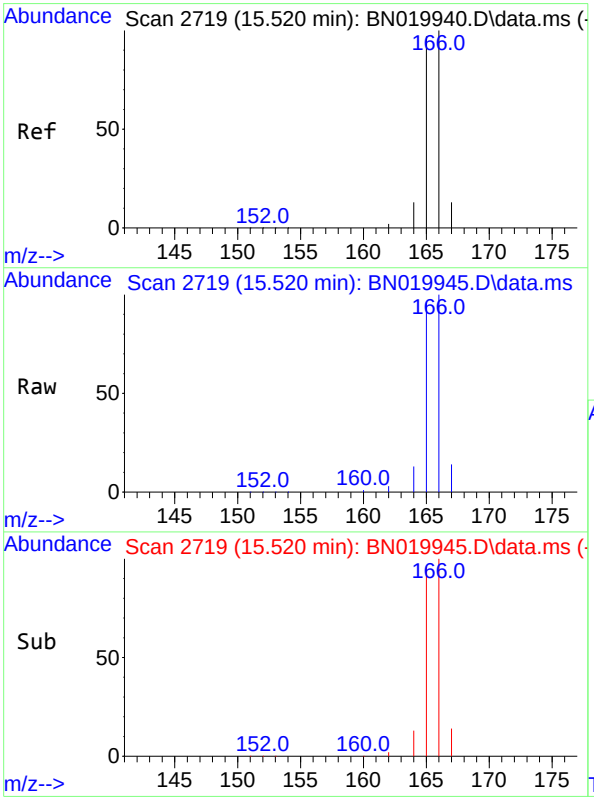
#11
Acenaphthene
Concen: 2.094 ng/ul
RT: 14.534 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Instrument :
BNA_N
ClientSampleId :
DBTD2DL

Tgt Ion:153 Resp: 83879

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.6	57.8
154	88.7	71.2	106.8

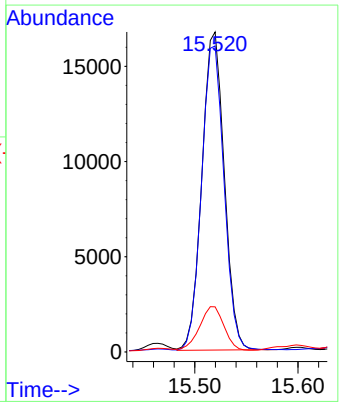


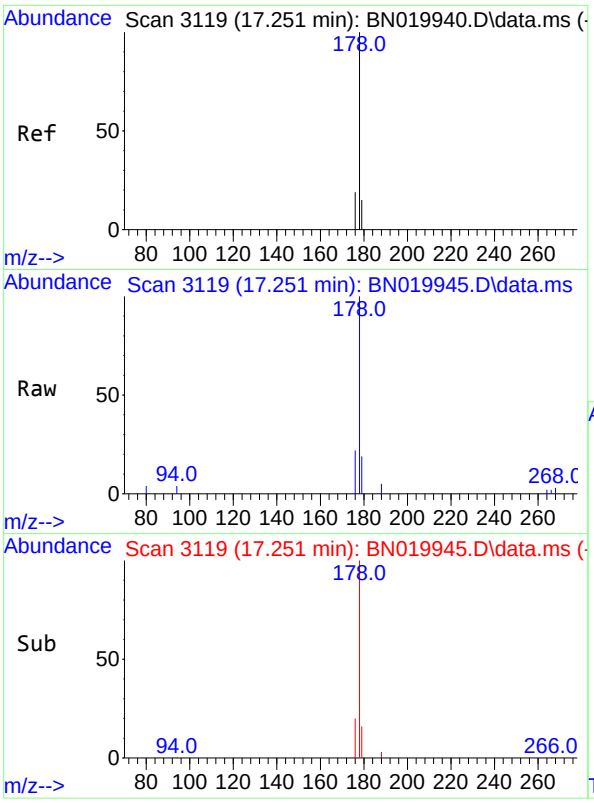


#12
Fluorene
Concen: 0.561 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Tgt Ion:166 Resp: 25143

Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.2	117.2
167	14.1	11.3	16.9



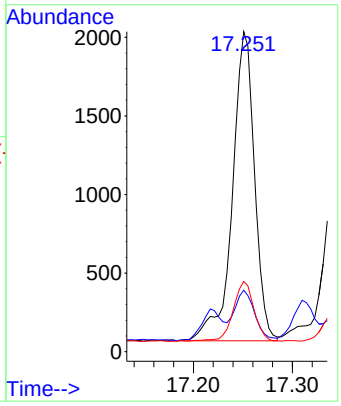


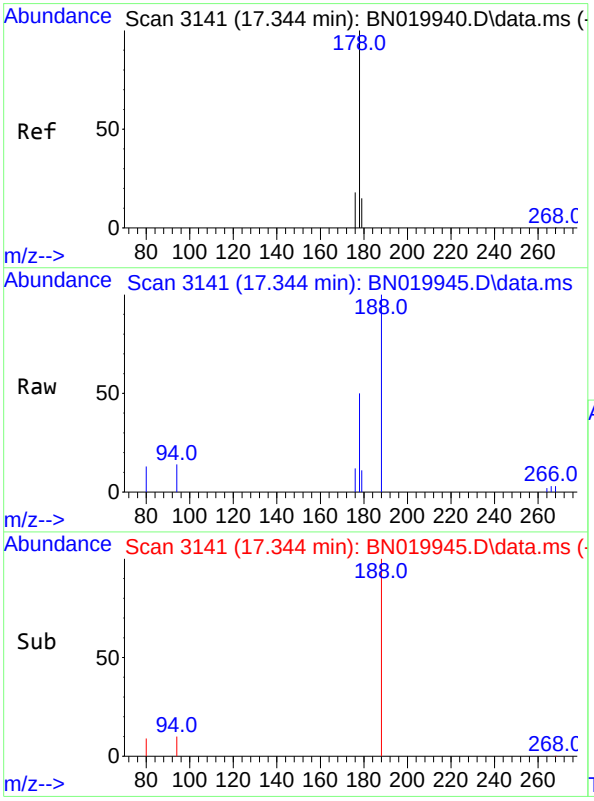
#15
Phenanthrene
Concen: 0.042 ng/ul
RT: 17.251 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Instrument :
BNA_N
ClientSampleId :
DBTD2DL

Tgt Ion:178 Resp: 3068

Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.9	19.3
176	22.0	15.5	23.3





#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019945.D
Acq: 25 May 2022 11:13

Tgt Ion:178 Resp: 1450

Ion	Ratio	Lower	Upper
178	100		
179	21.9	13.1	19.7#
176	24.4	15.3	22.9#