Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019924.D
Acq On : 24 May 2022 15:09
Operator : CG/JU
Sample : N2918-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTG9

Quant Time: May 25 01:45:20 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	3769	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	13114	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.475	164	8853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	17303	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.401	240	13820	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	10915	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	19133	5.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	8808	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.240	212	20089	0.407	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.689	128	1226576	29.822	ng/ul	98
7) 2-Methylnaphthalene	12.300	142	53963	1.980	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	67568	2.663	ng/ul#	100
10) Acenaphthylene	14.193	152	16524	0.328	ng/ul	99
11) Acenaphthene	14.535	153	314320	9.195	ng/ul	99
12) Fluorene	15.520	166	95726	2.504	ng/ul	99
14) Pentachlorophenol	16.867	266	2563	0.889	ng/ul	90
15) Phenanthrene	17.252	178	26563	0.437	ng/ul	95
16) Anthracene	17.345	178	7451	0.131	ng/ul#	84
19) Fluoranthene	19.272	202	5793	0.084	ng/ul#	92
20) Pyrene	19.635	202	3039	0.043	ng/ul#	76

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

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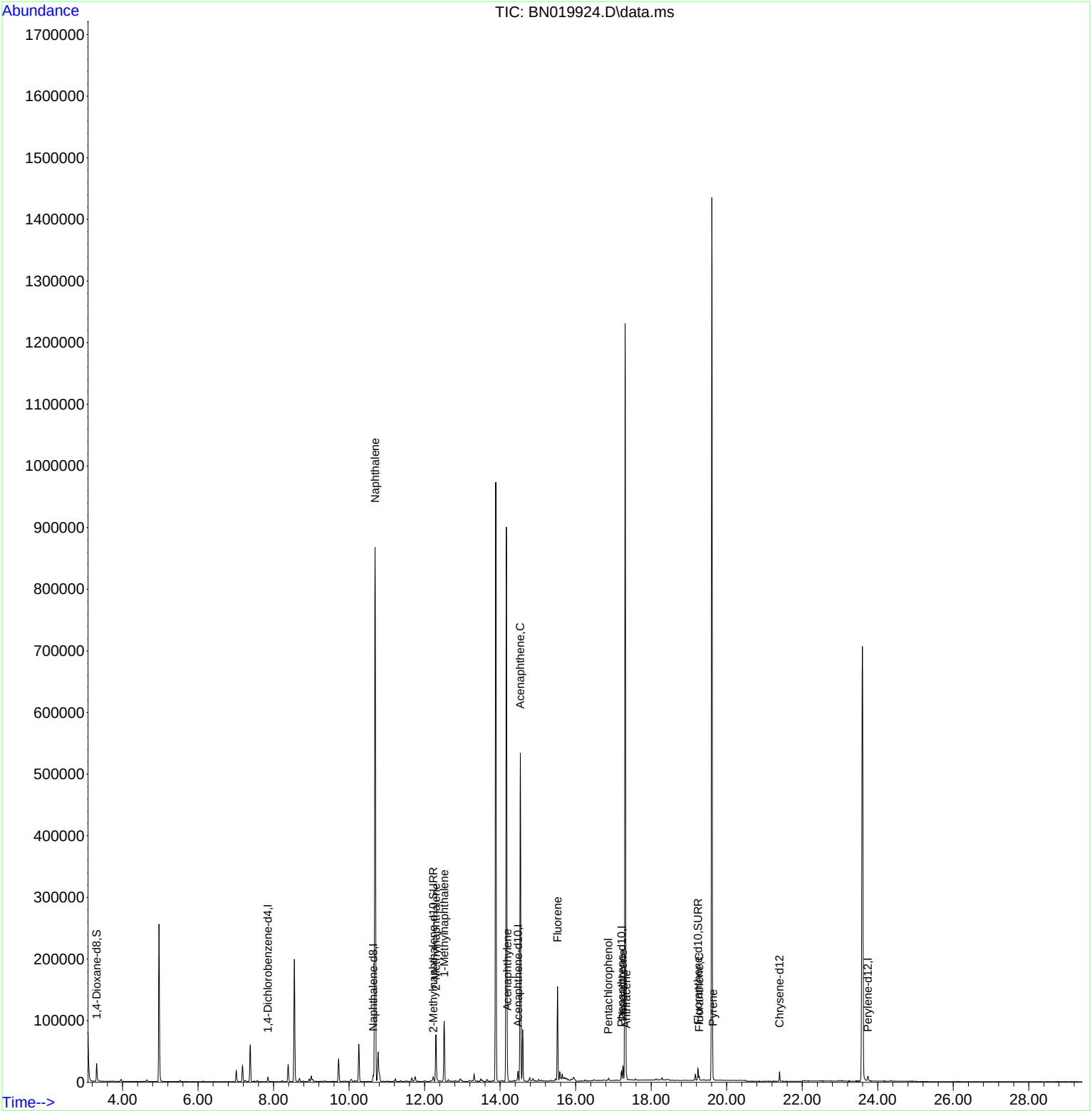
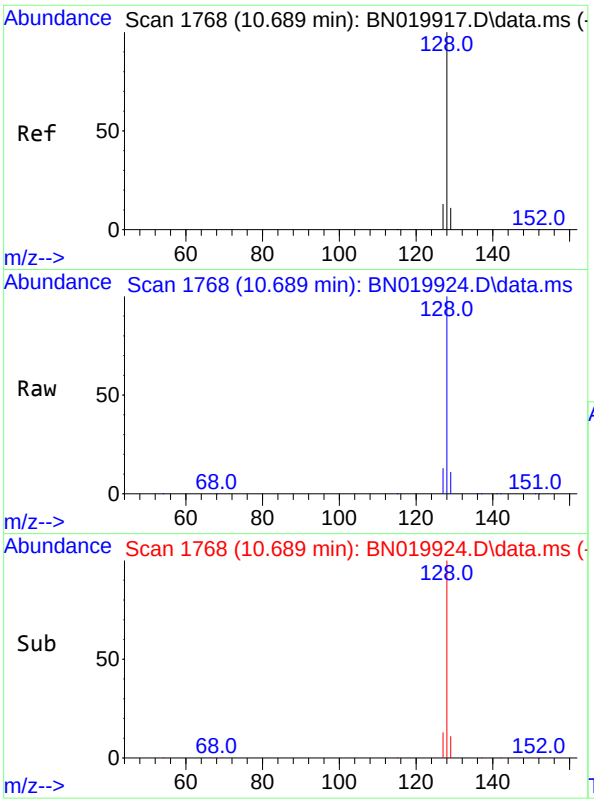


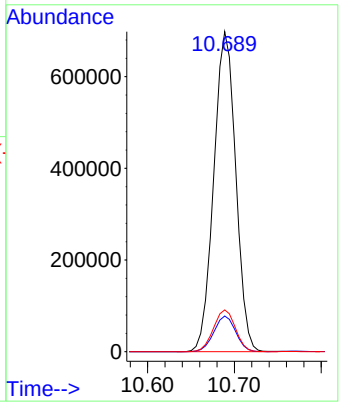


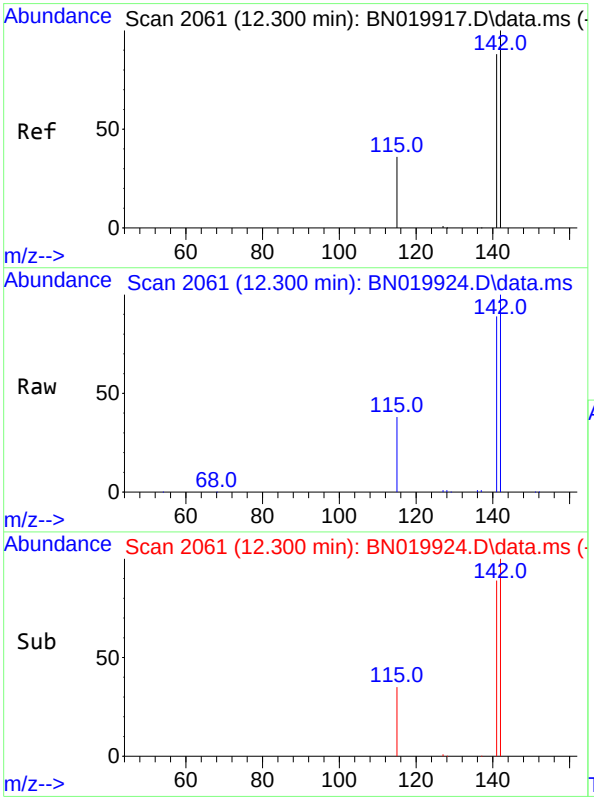
#5
Naphthalene
Concen: 29.822 ng/ul
RT: 10.689 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Instrument :
BNA_N
ClientSampleId :
DBTG9

Tgt Ion:128 Resp: 1226576

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.1	11.0	16.4

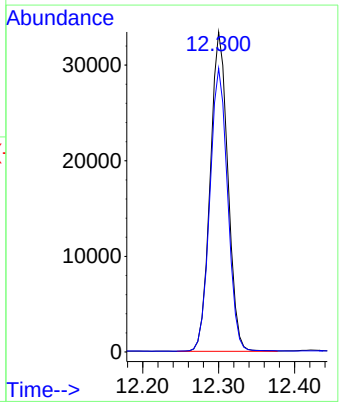


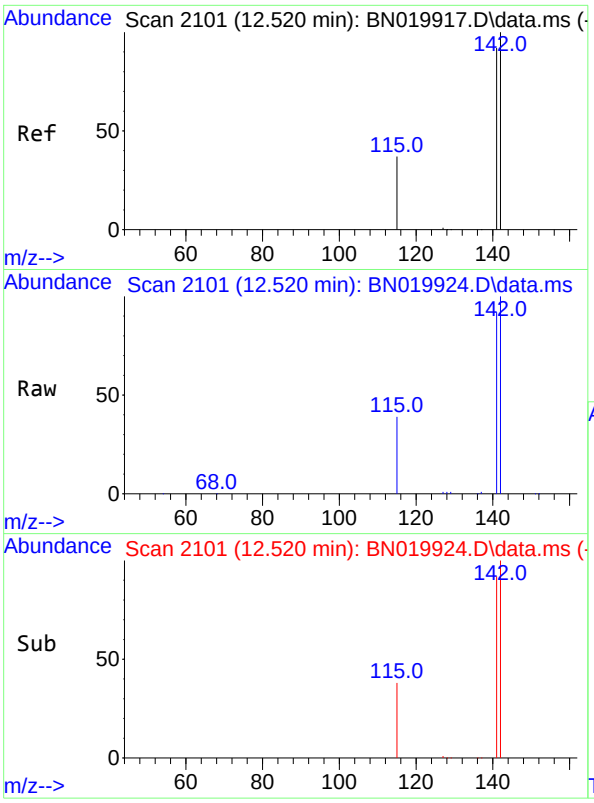


#7
2-Methylnaphthalene
Concen: 1.980 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Tgt Ion:142 Resp: 53963

Ion	Ratio	Lower	Upper
142	100		
141	88.8	0.0	0.0#



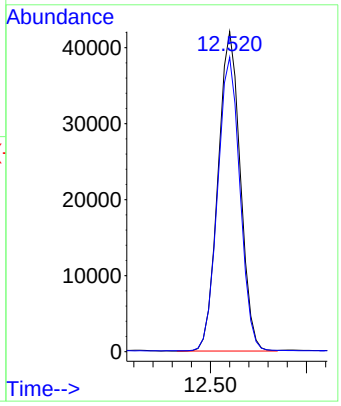


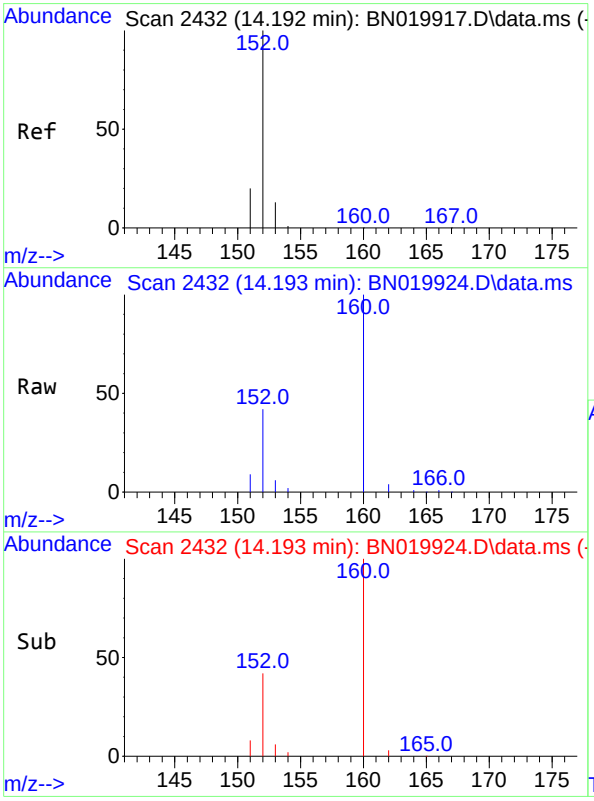
#8
1-Methylnaphthalene
Concen: 2.663 ng/ul
RT: 12.520 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Instrument :
BNA_N
ClientSampleId :
DBTG9

Tgt Ion:142 Resp: 67568

Ion	Ratio	Lower	Upper
142	100		
141	92.0	0.0	0.0#

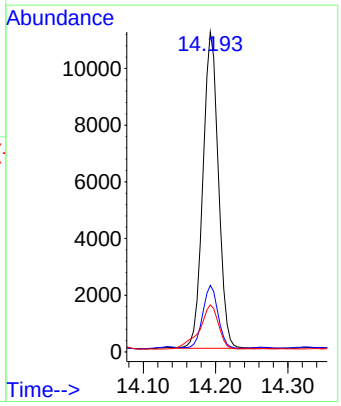


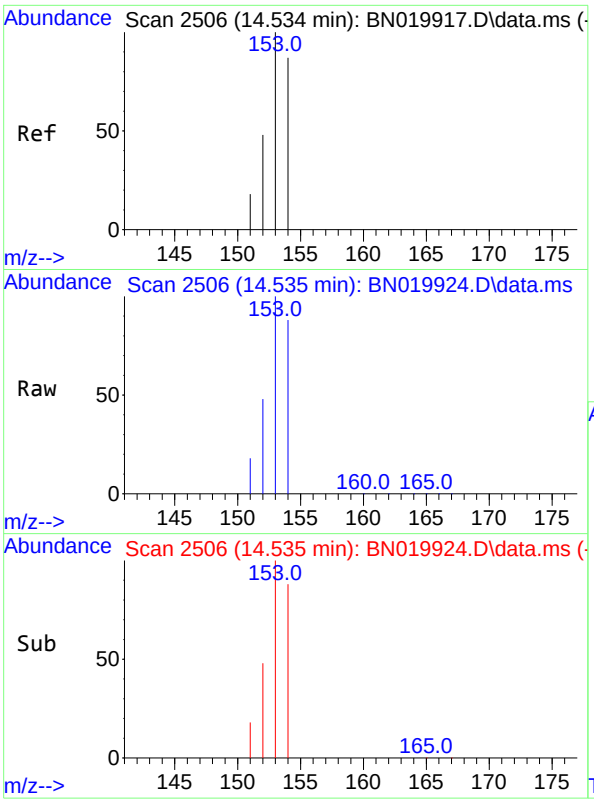


#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.193 min Scan# 2432
Delta R.T. -0.002 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Tgt Ion:152 Resp: 16524

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.7	11.1	16.7



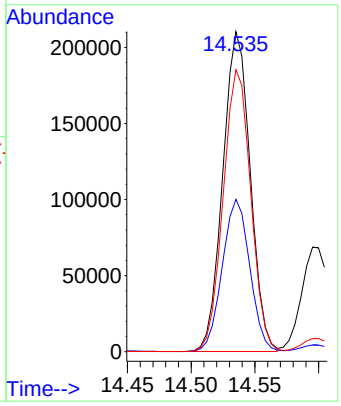


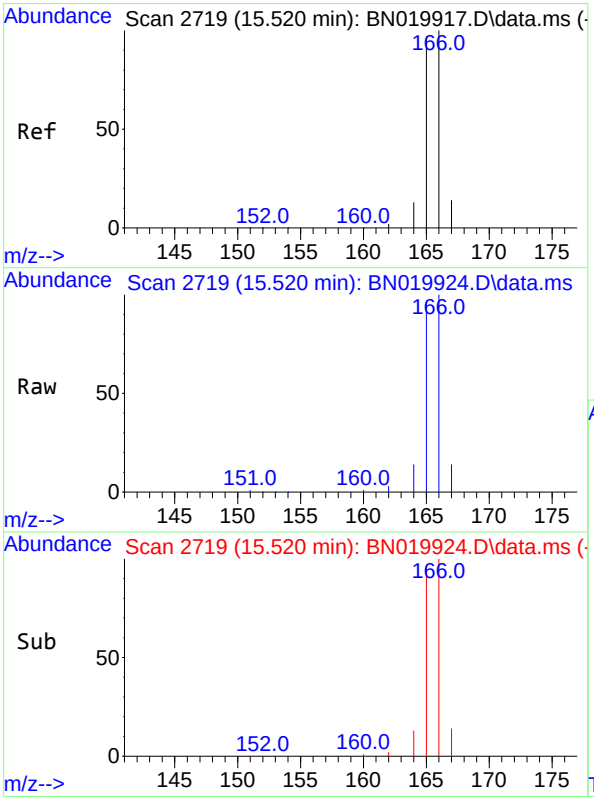
#11
Acenaphthene
Concen: 9.195 ng/ul
RT: 14.535 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Instrument :
BNA_N
ClientSampleId :
DBTG9

Tgt Ion:153 Resp: 314320

Ion	Ratio	Lower	Upper
153	100		
152	47.6	38.6	57.8
154	88.1	71.2	106.8

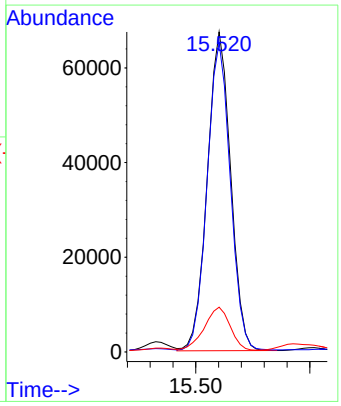


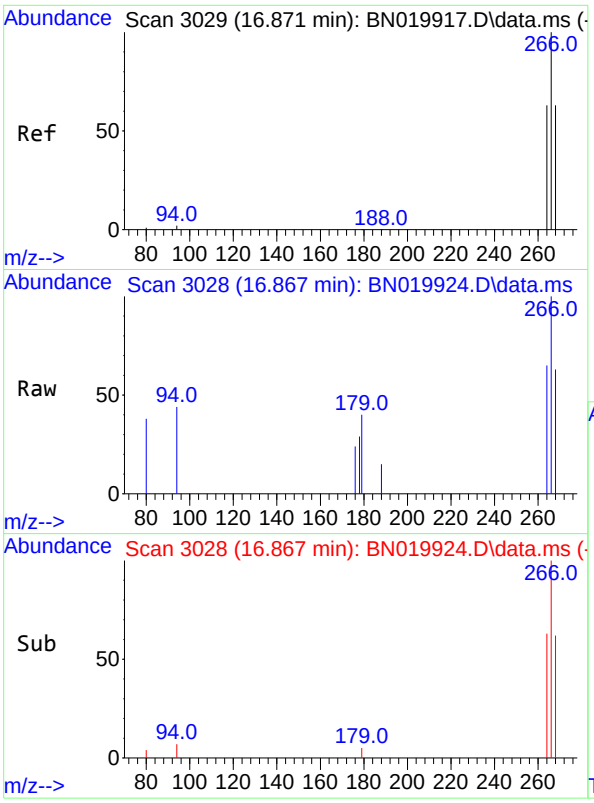


#12
Fluorene
Concen: 2.504 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.002 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Tgt Ion:166 Resp: 95726

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.2	117.2
167	14.0	11.3	16.9



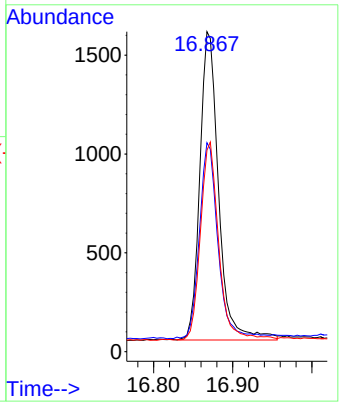


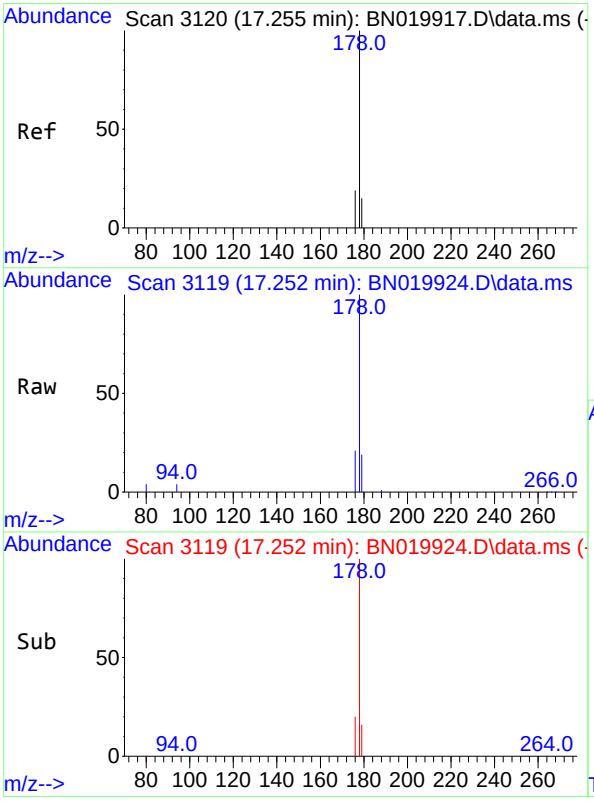
#14
Pentachlorophenol
Concen: 0.889 ng/ul
RT: 16.867 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Instrument :
BNA_N
ClientSampleId :
DBTG9

Tgt Ion:266 Resp: 2563

Ion	Ratio	Lower	Upper
266	100		
264	63.7	44.9	67.3
268	62.6	44.6	67.0

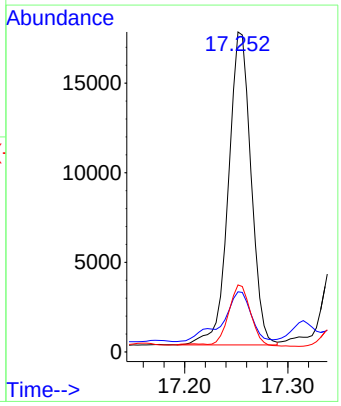


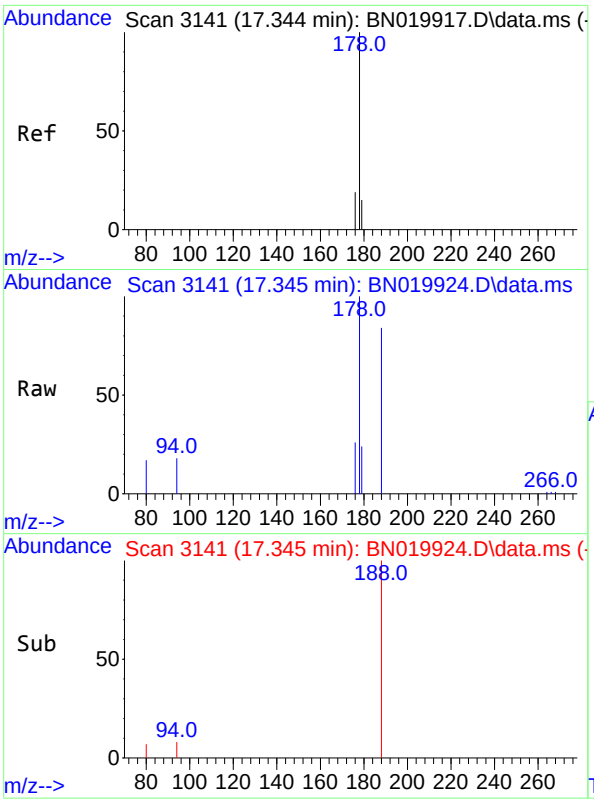


#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.252 min Scan# 3119
Delta R.T. -0.002 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Tgt Ion:178 Resp: 26563

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.9	19.3
176	21.0	15.5	23.3



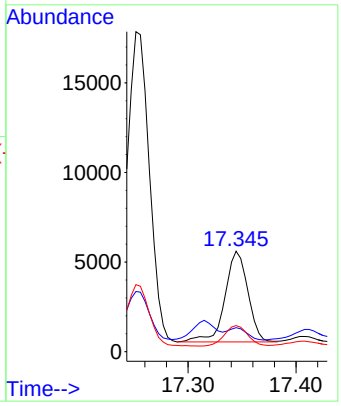


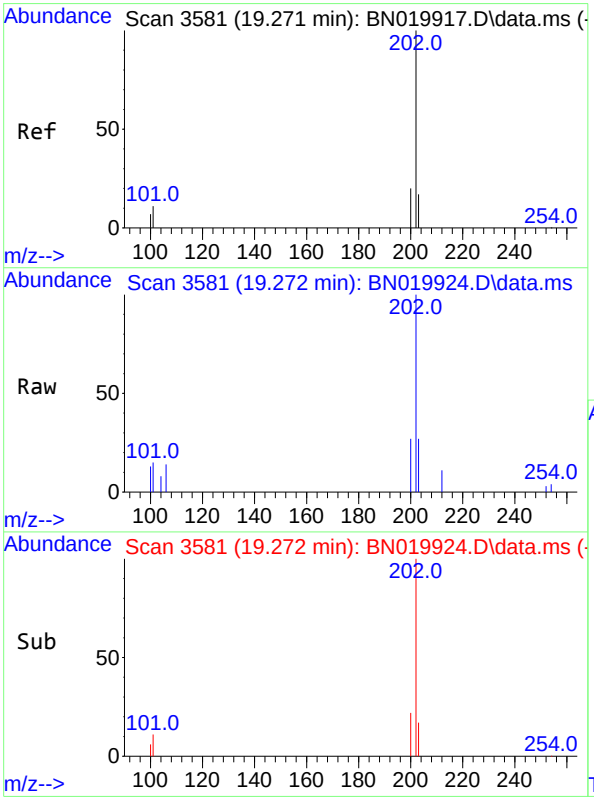
#16
Anthracene
Concen: 0.131 ng/ul
RT: 17.345 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Instrument :
BNA_N
ClientSampleId :
DBTG9

Tgt Ion:178 Resp: 7451

Ion	Ratio	Lower	Upper
178	100		
179	24.0	13.1	19.7#
176	26.0	15.3	22.9#

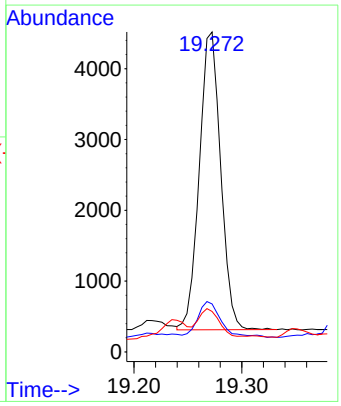


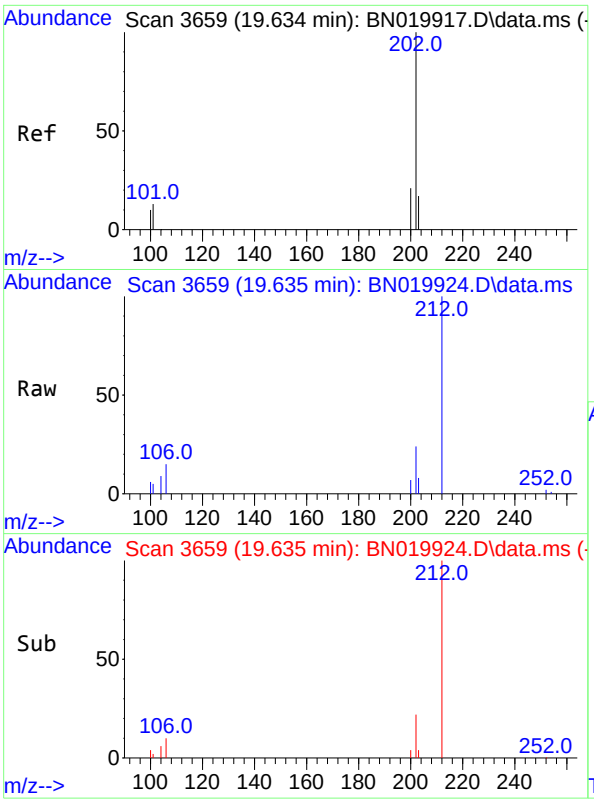


#19
Fluoranthene
Concen: 0.084 ng/ul
RT: 19.272 min Scan# 3581
Delta R.T. -0.002 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Tgt Ion:202 Resp: 5793

Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.7	14.5#
100	12.6	7.4	11.2#





#20
Pyrene
Concen: 0.043 ng/ul
RT: 19.635 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN019924.D
Acq: 24 May 2022 15:09

Instrument :
BNA_N
ClientSampleId :
DBTG9

Tgt Ion:202 Resp: 3039

Ion	Ratio	Lower	Upper
202	100		
101	20.5	11.4	17.0#
100	24.9	9.0	13.4#