Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019936.D
Acq On : 24 May 2022 22:56
Operator : CG/JU
Sample : N2950-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS962

Quant Time: May 25 01:46:29 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	3600	0.400	ng/ul	0.00
4) Naphthalene-d8	10.650	136	12254	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	9784	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.213	188	17132	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	13674	0.400	ng/ul	0.00
23) Perylene-d12	23.735	264	10838	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	14684	4.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	7105	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	16475	0.337	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.722	128	16598493	431.891	ng/ul	100
7) 2-Methylnaphthalene	12.306	142	1702564	66.856	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	1399630	59.038	ng/ul#	100
10) Acenaphthylene	14.192	152	184847	3.315	ng/ul	99
11) Acenaphthene	14.539	153	1803086	47.726	ng/ul	99
12) Fluorene	15.520	166	804440	19.042	ng/ul	99
14) Pentachlorophenol	16.867	266	52558	18.419	ng/ul	90
15) Phenanthrene	17.251	178	469000	7.785	ng/ul	99
16) Anthracene	17.344	178	53142	0.941	ng/ul	99
19) Fluoranthene	19.267	202	49003	0.718	ng/ul	100
20) Pyrene	19.634	202	21872	0.316	ng/ul	99
26) Benzo(a)pyrene	23.586	252	3709	0.082	ng/ul#	89

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

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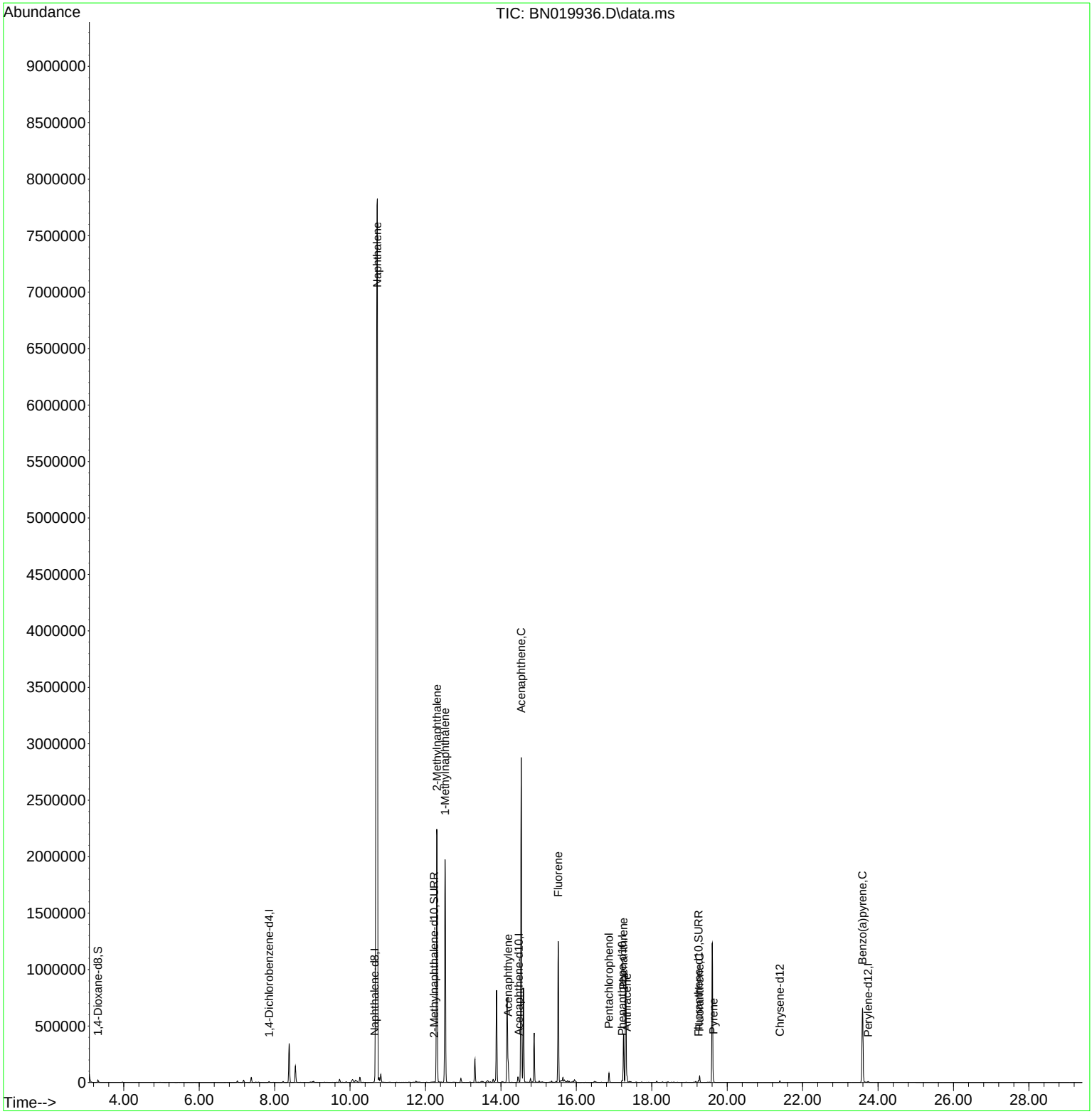
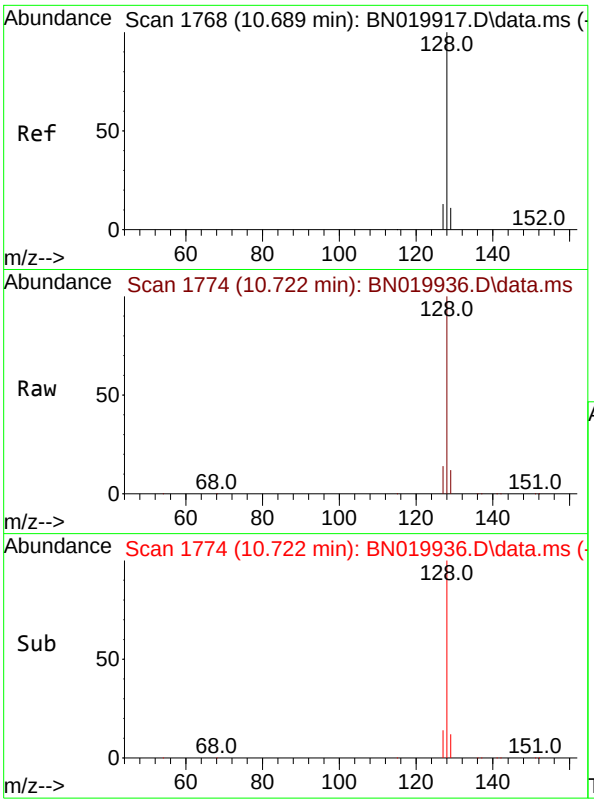


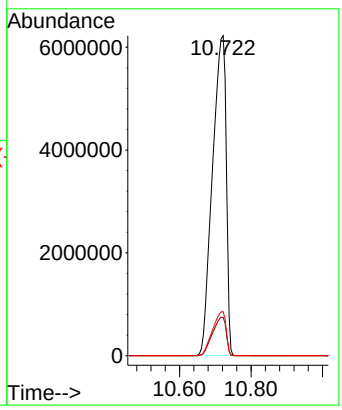


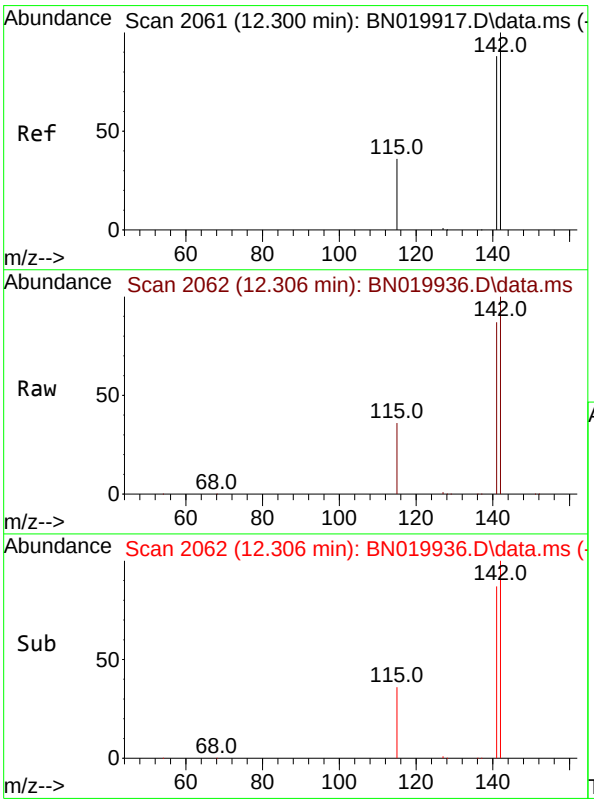
#5
Naphthalene
Concen: 431.891 ng/ul
RT: 10.722 min Scan# 1
Delta R.T. 0.029 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Instrument :
BNA_N
ClientSampleId :
SLCS962

Tgt Ion:128 Resp:16598493

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.7	11.0	16.4

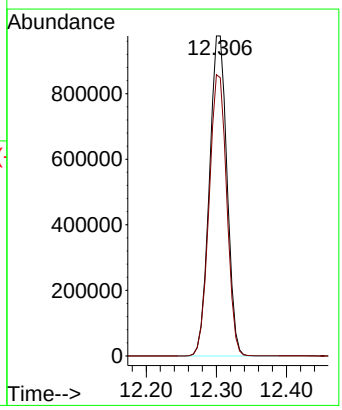


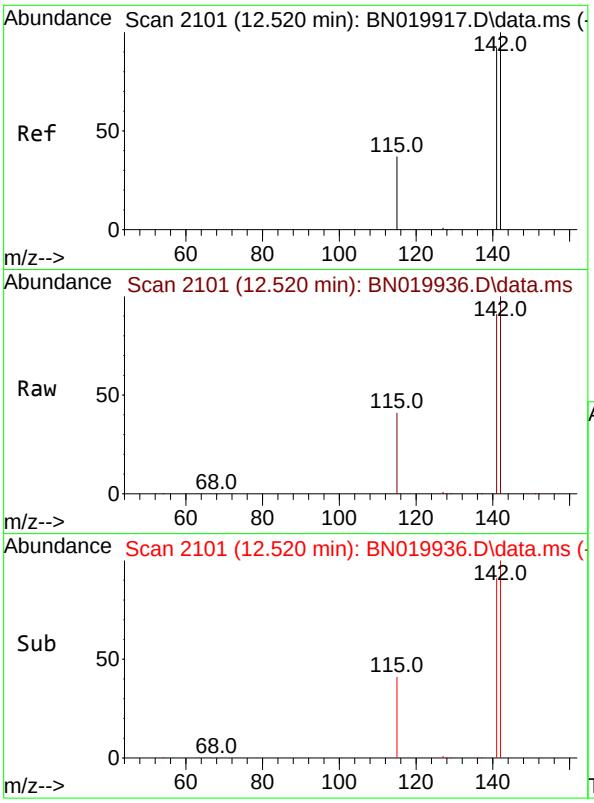


#7
2-Methylnaphthalene
Concen: 66.856 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. 0.001 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Tgt Ion:142 Resp: 1702564

Ion	Ratio	Lower	Upper
142	100		
141	87.8	0.0	0.0#



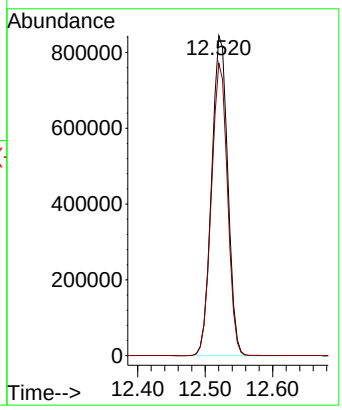


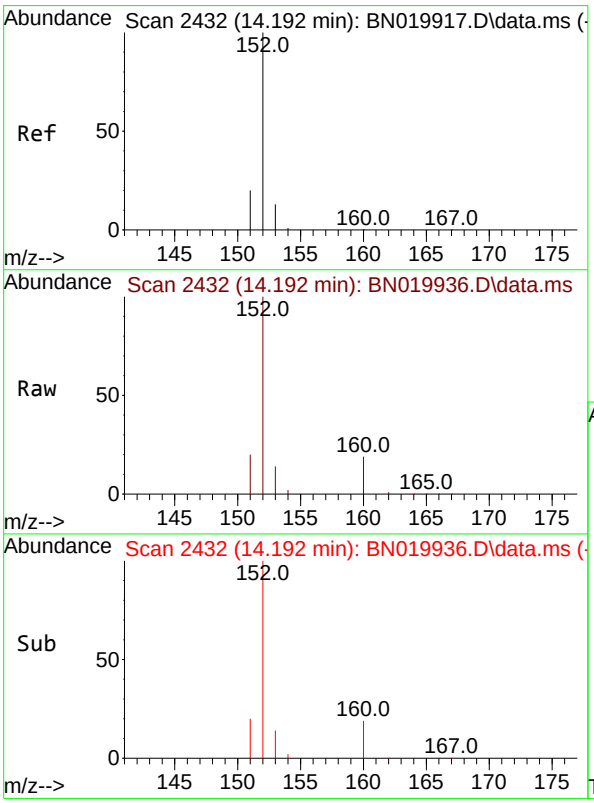
#8
1-Methylnaphthalene
Concen: 59.038 ng/ul
RT: 12.520 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Instrument :
BNA_N
ClientSampleId :
SLCS962

Tgt Ion:142 Resp: 1399630

Ion	Ratio	Lower	Upper
142	100		
141	91.0	0.0	0.0#

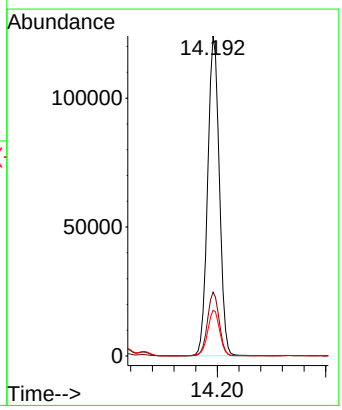


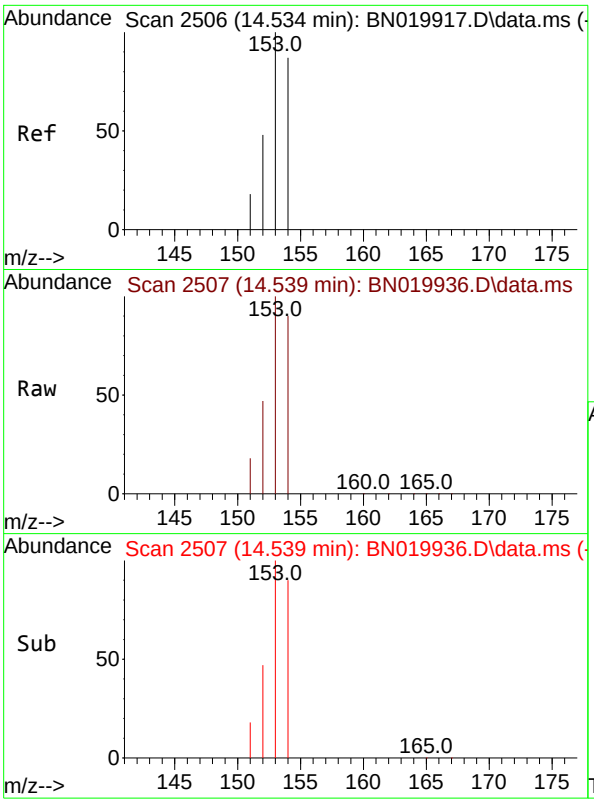


#10
Acenaphthylene
Concen: 3.315 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Tgt Ion:152 Resp: 184847

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	14.3	11.1	16.7



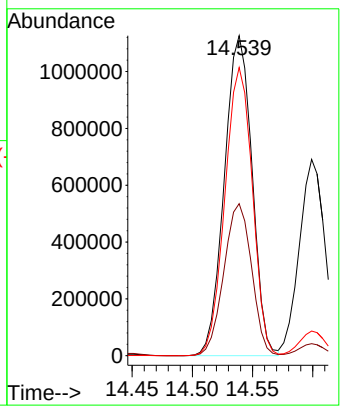


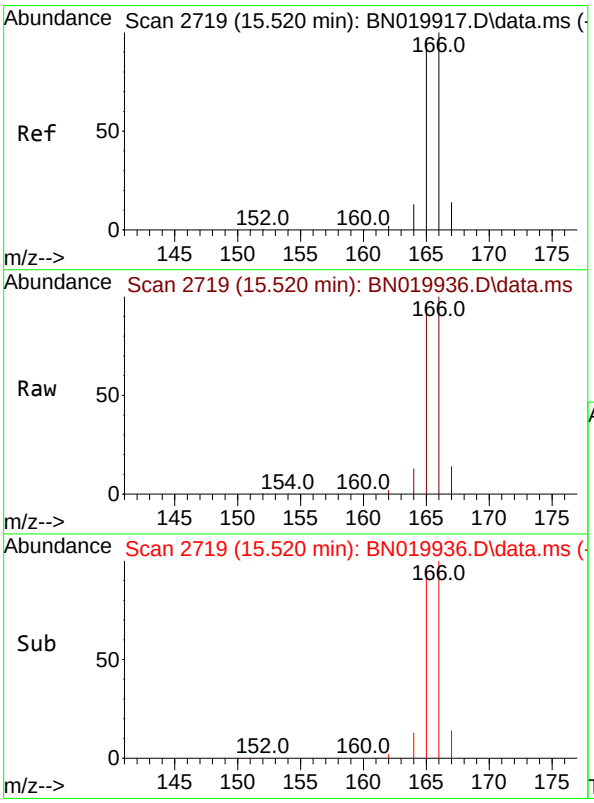
#11
Acenaphthene
Concen: 47.726 ng/ul
RT: 14.539 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Instrument :
BNA_N
ClientSampleId :
SLCS962

Tgt Ion:153 Resp: 1803086

Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.6	57.8
154	90.1	71.2	106.8

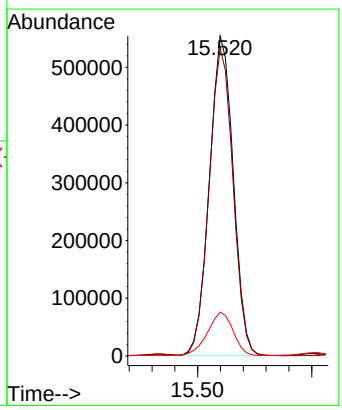


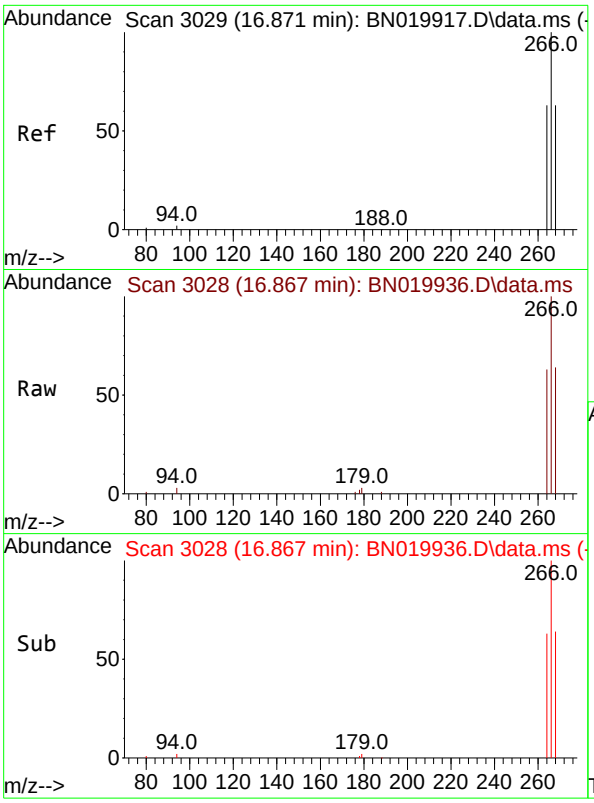


#12
Fluorene
Concen: 19.042 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Tgt Ion:166 Resp: 804440

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.2	117.2
167	13.7	11.3	16.9



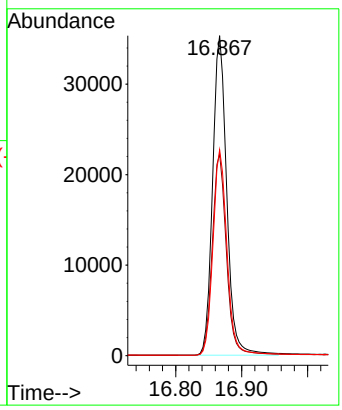


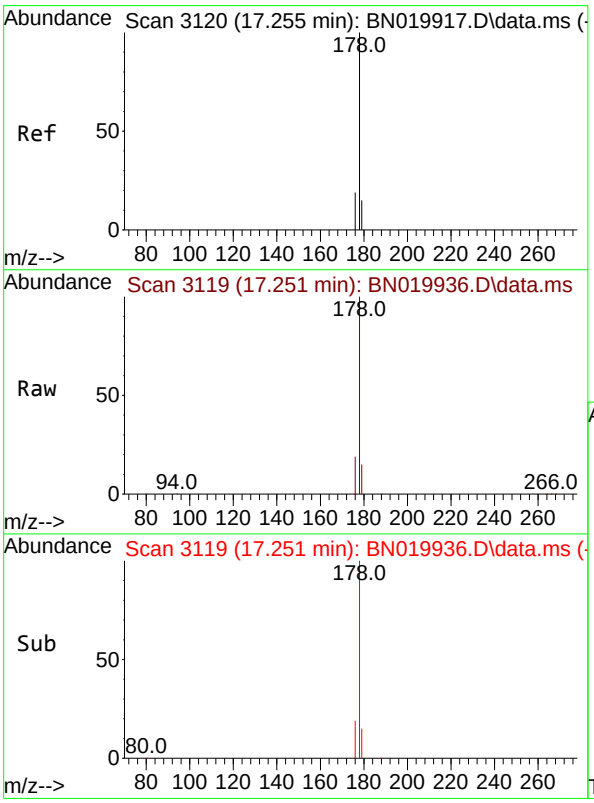
#14
Pentachlorophenol
Concen: 18.419 ng/ul
RT: 16.867 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Instrument :
BNA_N
ClientSampleId :
SLCS962

Tgt Ion:266 Resp: 52558

Ion	Ratio	Lower	Upper
266	100		
264	63.0	44.9	67.3
268	63.9	44.6	67.0

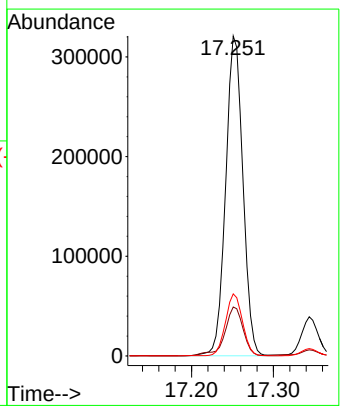


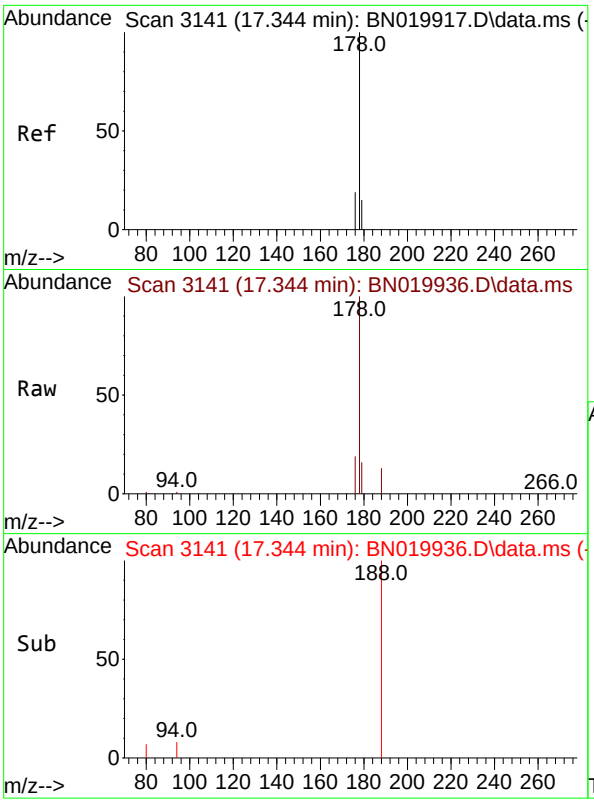


#15
Phenanthrene
Concen: 7.785 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Tgt Ion:178 Resp: 469000

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	19.4	15.5	23.3



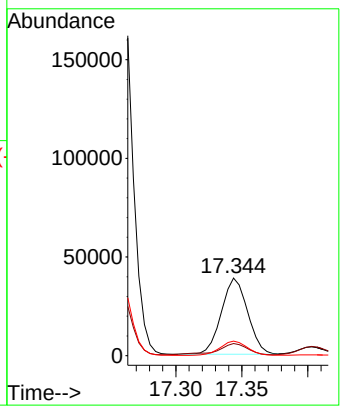


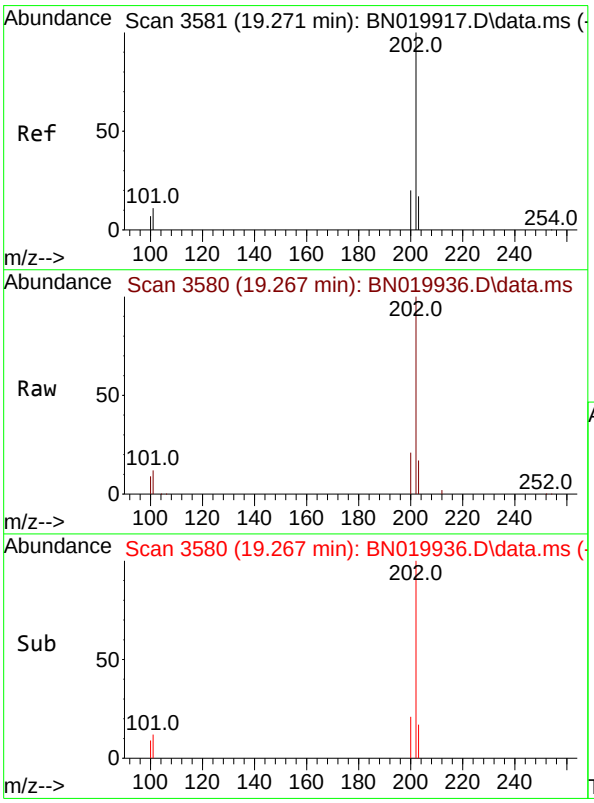
#16
Anthracene
Concen: 0.941 ng/ul
RT: 17.344 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Instrument :
BNA_N
ClientSampleId :
SLCS962

Tgt Ion:178 Resp: 53142

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	18.8	15.3	22.9

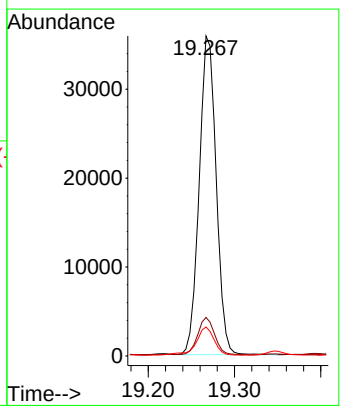


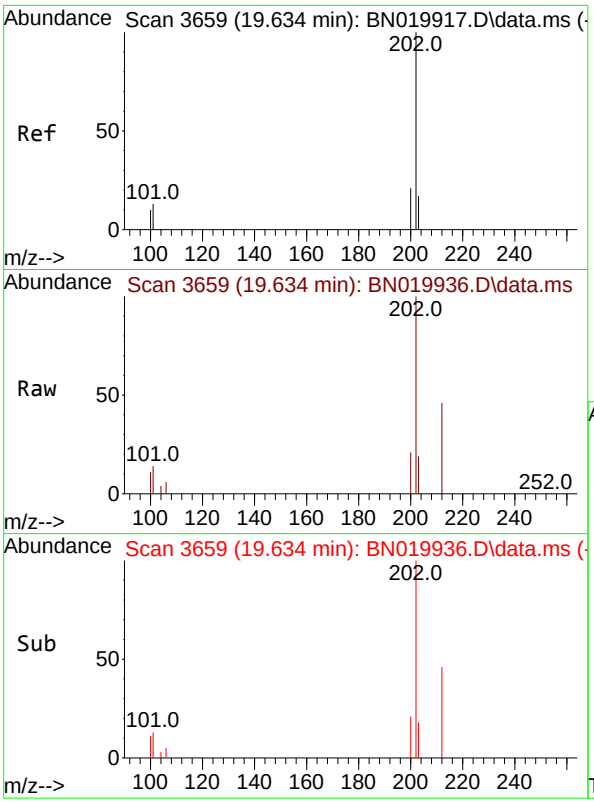


#19
Fluoranthene
Concen: 0.718 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.007 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Tgt Ion:202 Resp: 49003

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
100	9.1	7.4	11.2



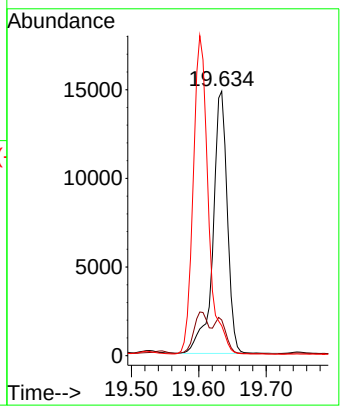


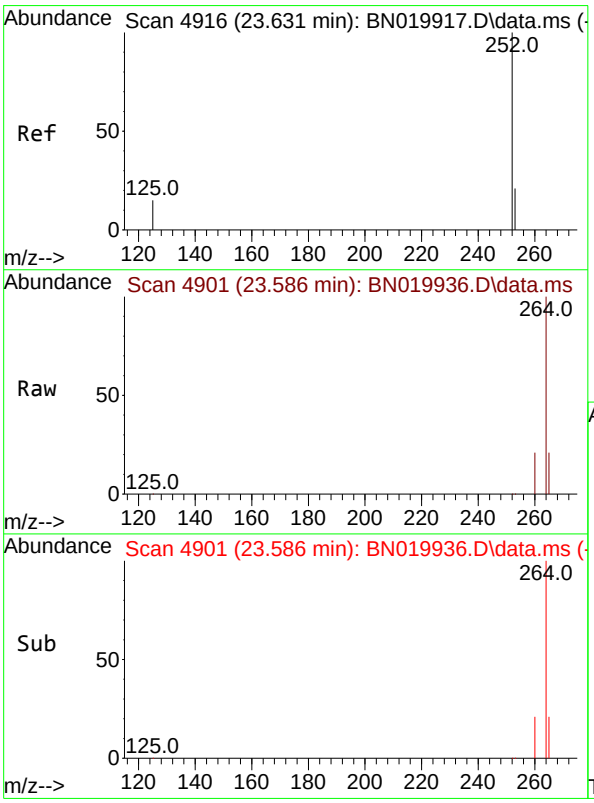
#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.634 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Instrument :
BNA_N
ClientSampleId :
SLCS962

Tgt Ion:202 Resp: 21872

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.4	17.0
100	11.3	9.0	13.4





#26
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.586 min Scan# 4901
Delta R.T. -0.052 min
Lab File: BN019936.D
Acq: 24 May 2022 22:56

Tgt Ion:252 Resp: 3709

Ion	Ratio	Lower	Upper
252	100		
253	40.7	23.4	35.0#
125	36.4	28.3	42.5