Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN110619\

Quantitation Report (QT Reviewed)

Data File : BN008466.D
Acq On : 06 Nov 2019 14:48
Operator : JU
Sample : K5656-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5459

Quant Time: Nov 07 12:31:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 12:27:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	5031	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.20	164	3273	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6103	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	4484	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	4034	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2223	0.28	ng/ul	0.02
14) Fluoranthene-d10	18.99	212	6574	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	8958	0.626	ng/ul	100
5) 2-Methylnaphthalene	12.01	142	3655	0.383	ng/ul	98
9) Fluorene	15.26	166	7054	0.522	ng/ul	98
11) Pentachlorophenol	16.61	266	3764	2.833	ng/ul	99
13) Anthracene	17.09	178	13674	0.841	ng/ul	99
15) Fluoranthene	19.02	202	15989	0.752	ng/ul	98
17) Pyrene	19.38	202	19013	0.868	ng/ul	99
19) Chrysene	21.20	228	10098	0.508	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	8333	0.554	ng/ul	90
23) Benzo(a)pyrene	23.24	252	9265	0.612	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.49	278	17682	1.297	ng/ul	91

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

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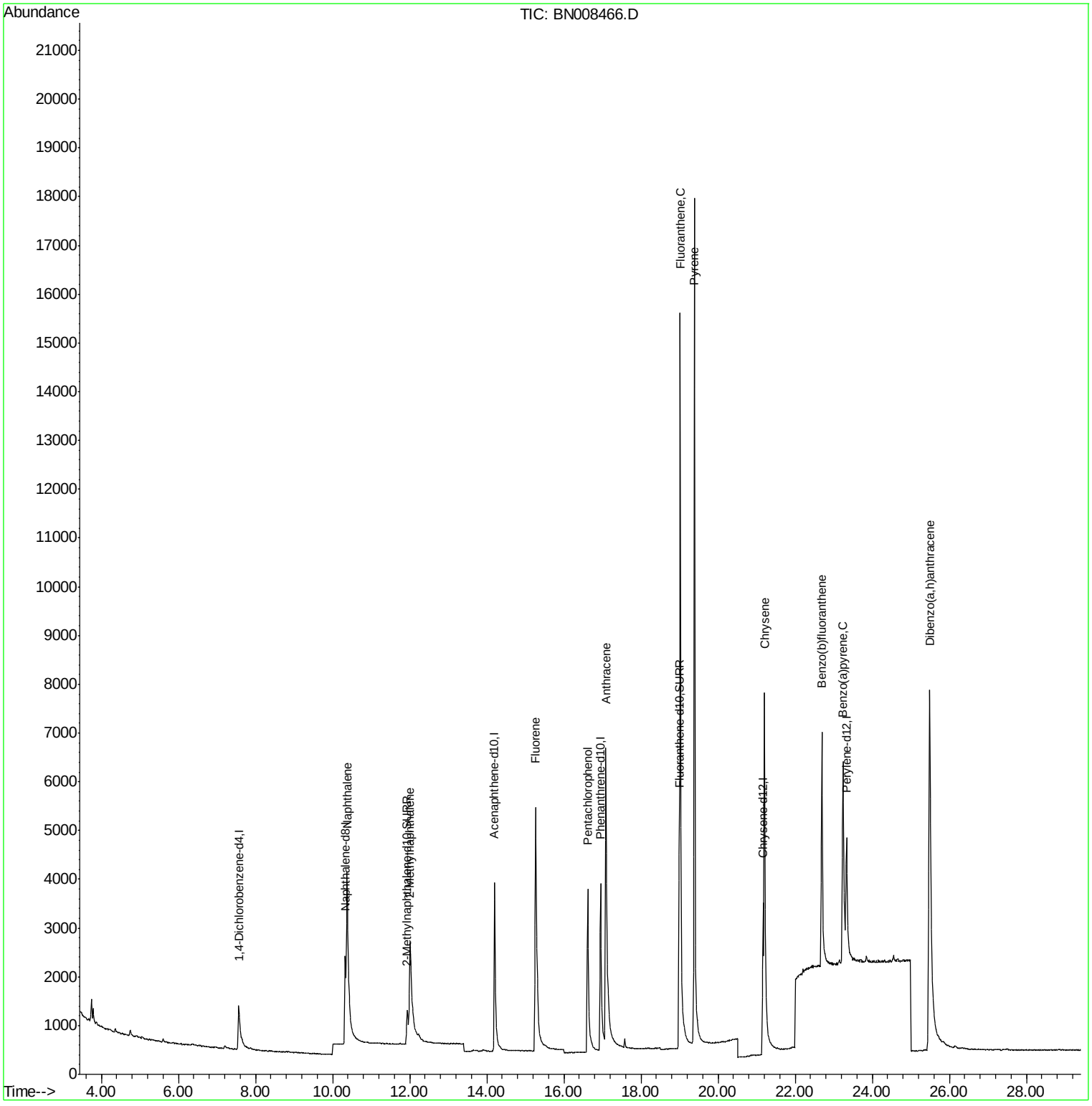
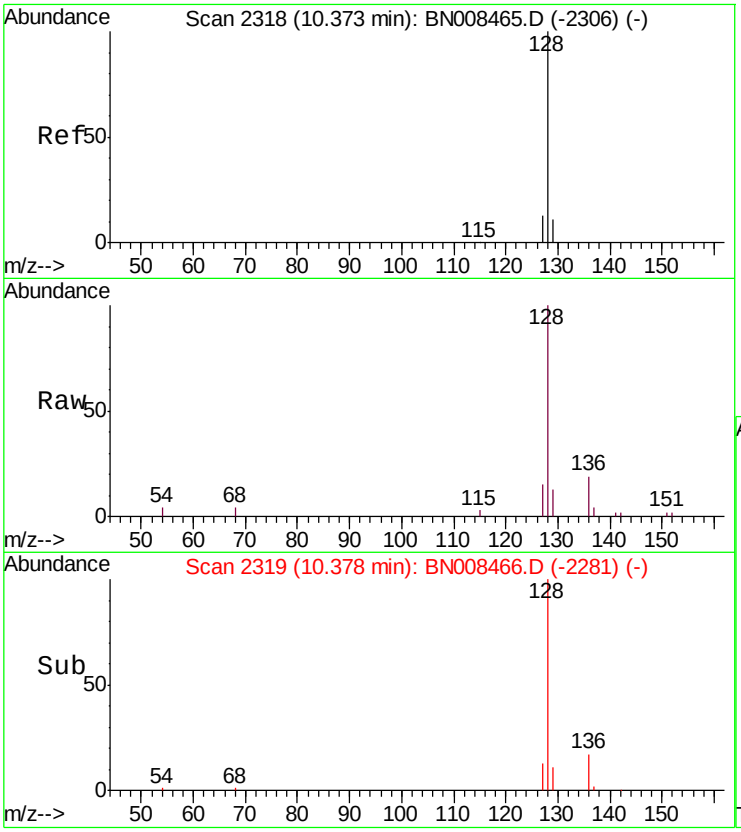


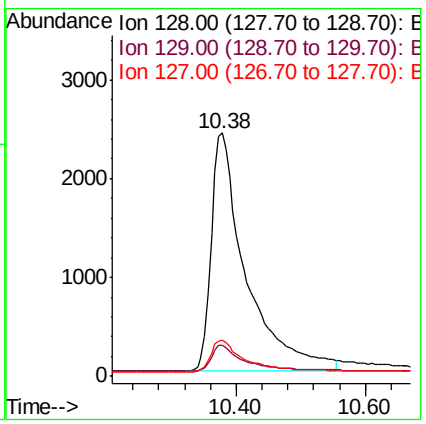


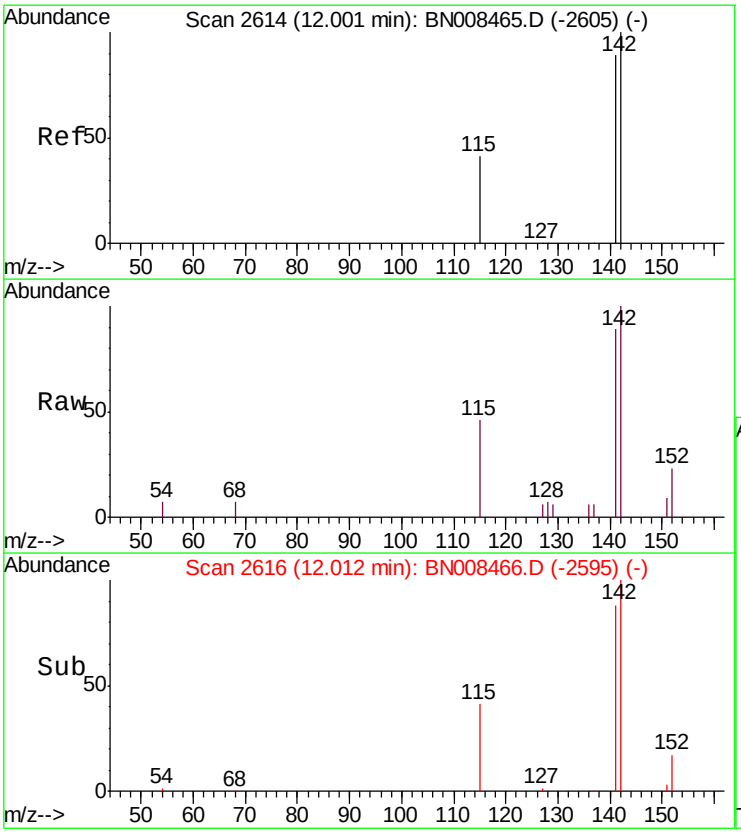
#3
Naphthalene
Concen: 0.626 ng/ul
RT: 10.38 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Instrument :
BNA_N
ClientSampleId :
A5459

Tgt Ion:128 Resp: 8958

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.0	15.0
127	14.7	11.6	17.4

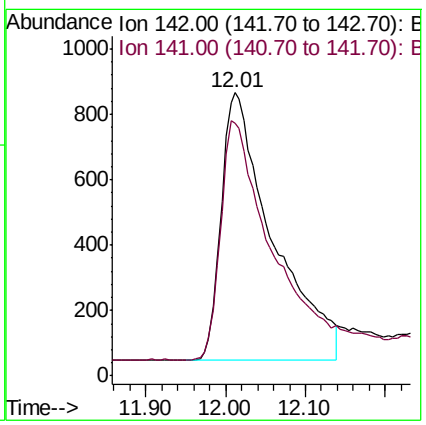


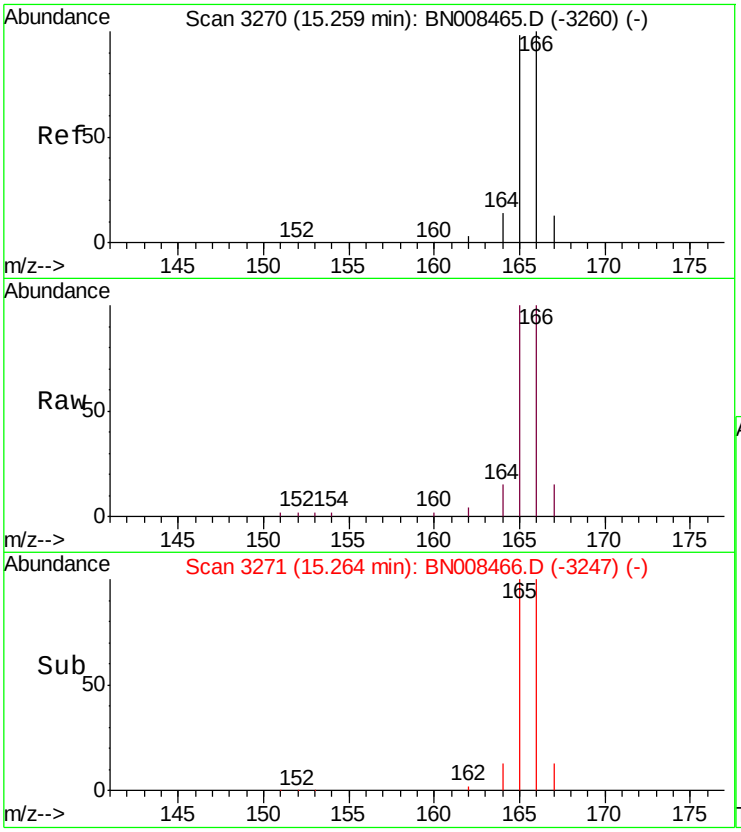


#5
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. 0.02 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Tgt Ion:142 Resp: 3655

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.8	109.2



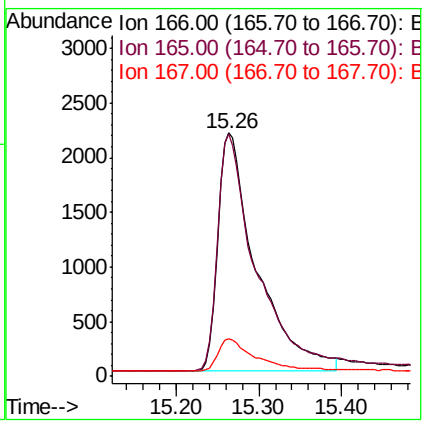


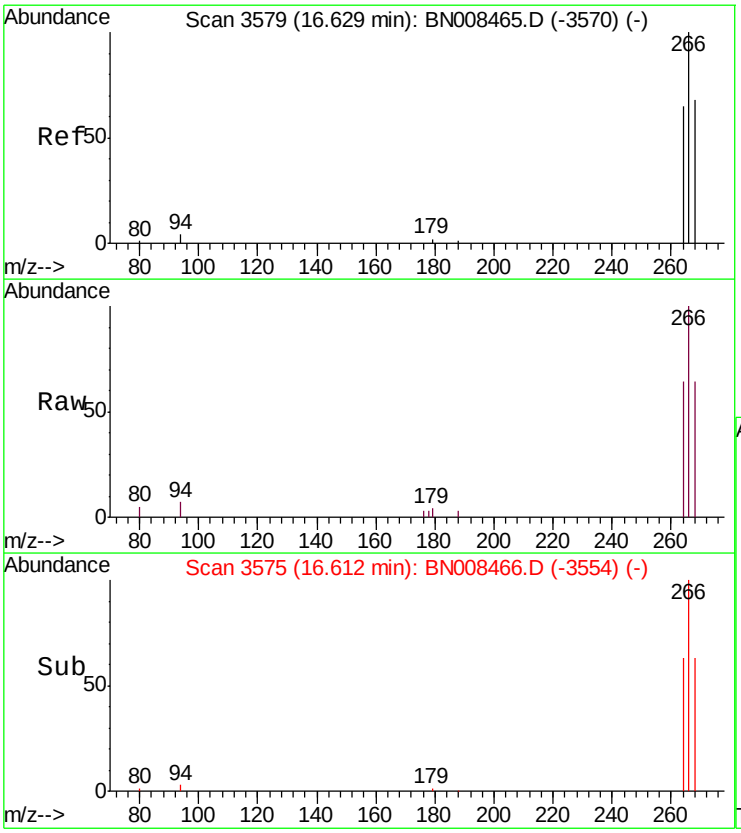
#9
Fluorene
Concen: 0.522 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. 0.01 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Instrument :
BNA_N
ClientSampleId :
A5459

Tgt Ion:166 Resp: 7054

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.2	117.2
167	15.3	12.1	18.1

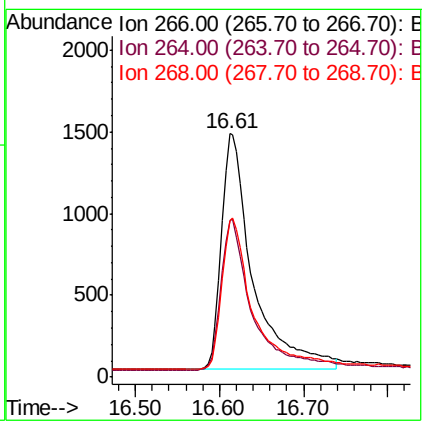


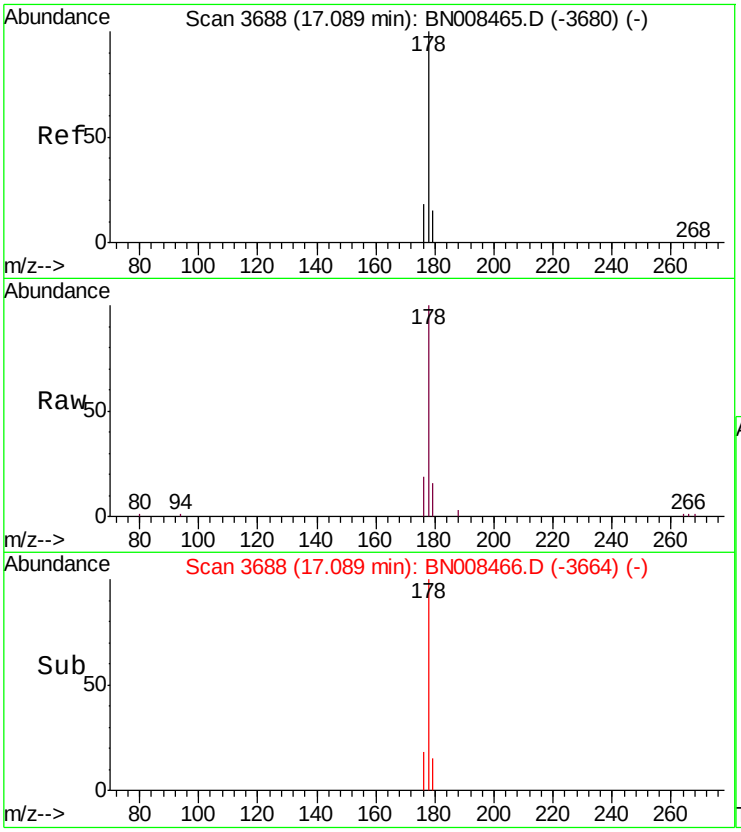


#11
Pentachlorophenol
Concen: 2.833 ng/ul
RT: 16.61 min Scan# 3575
Delta R.T. -0.01 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Tgt Ion:266 Resp: 3764

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.8	74.8
268	63.7	51.0	76.6



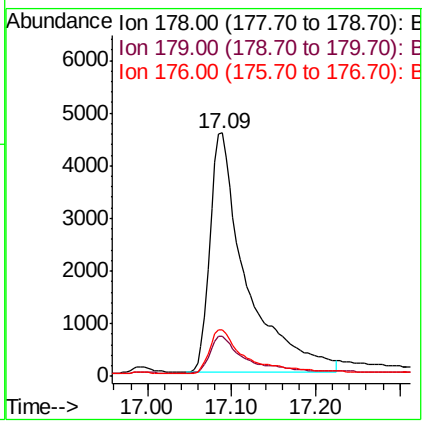


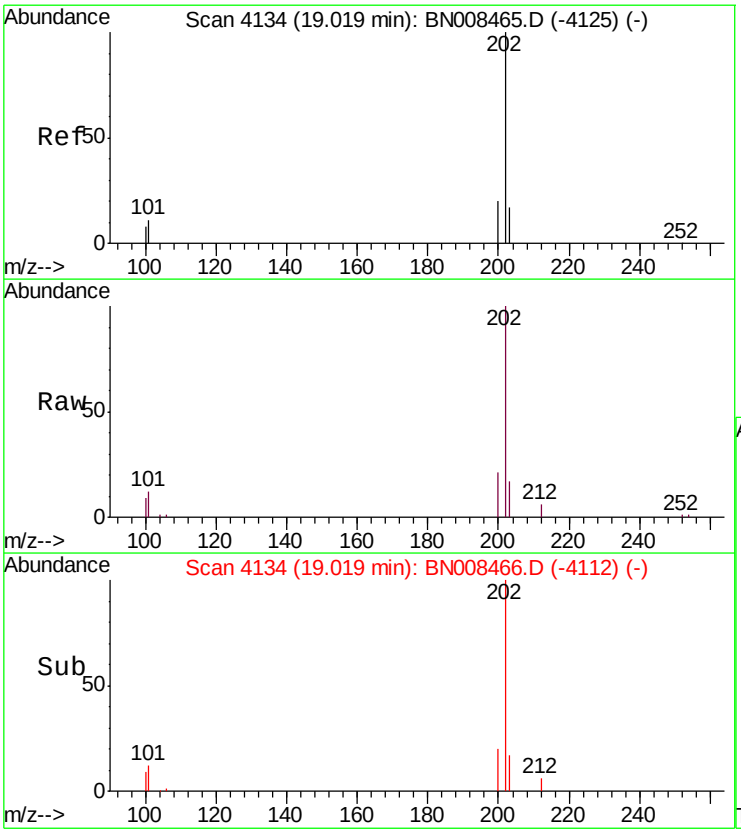
#13
Anthracene
Concen: 0.841 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Instrument :
BNA_N
ClientSampleId :
A5459

Tgt Ion:178 Resp: 13674

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.7	20.5
176	19.2	15.7	23.5

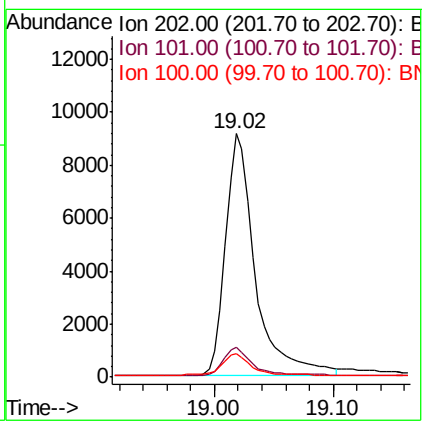


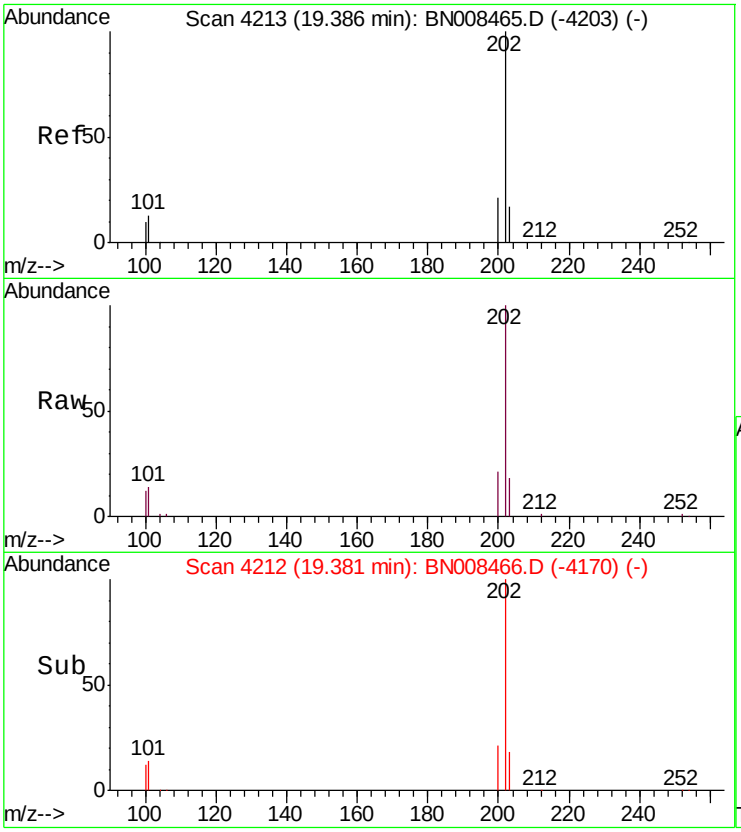


#15
Fluoranthene
Concen: 0.752 ng/ul
RT: 19.02 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Tgt Ion:202 Resp: 15989

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.0
100	9.4	0.0	30.2



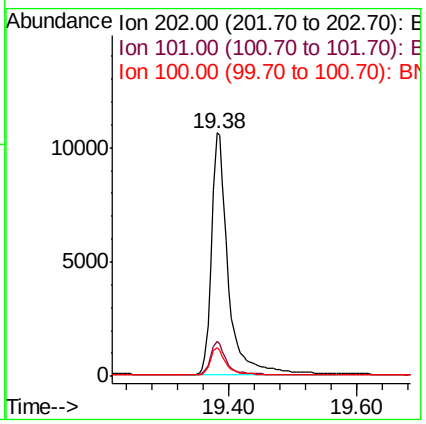


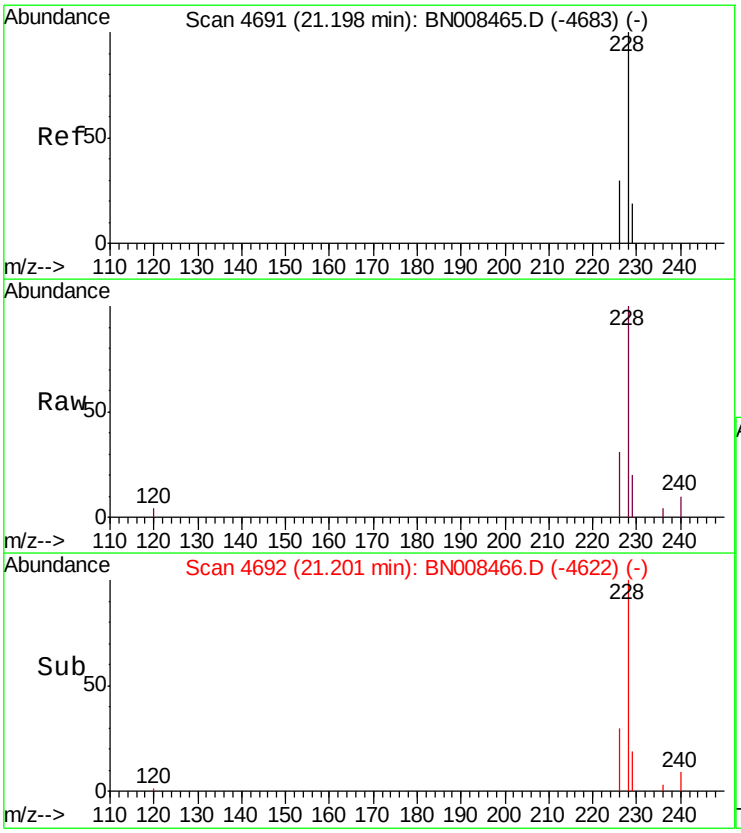
#17
Pyrene
Concen: 0.868 ng/ul
RT: 19.38 min Scan# 4212
Delta R.T. -0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Instrument :
BNA_N
ClientSampleId :
A5459

Tgt Ion:202 Resp: 19013

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.6	17.4
100	12.0	9.4	14.0

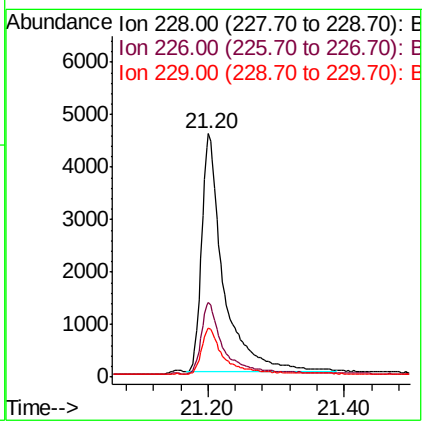


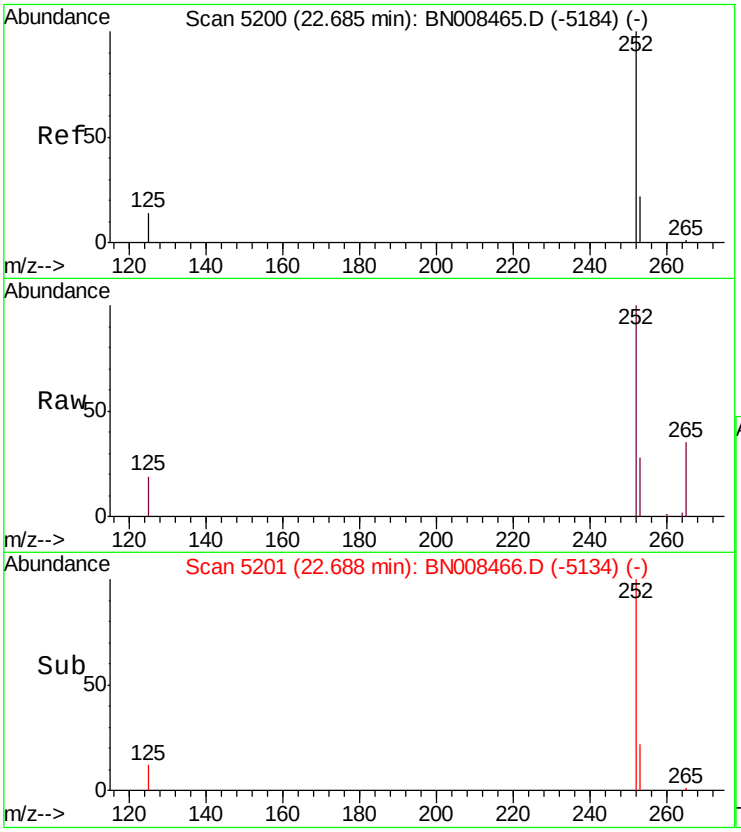


#19
Chrysene
Concen: 0.508 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. 0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Tgt Ion:228 Resp: 10098

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.3	16.6	25.0



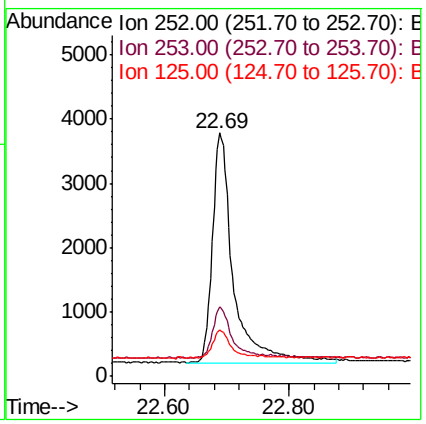


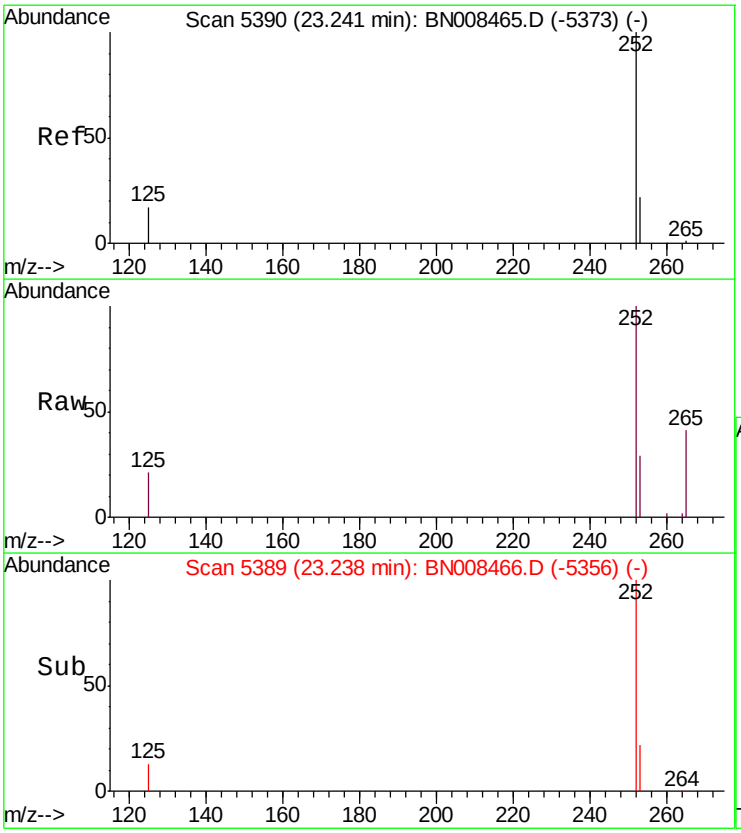
#21
Benzo(b)fluoranthene
Concen: 0.554 ng/ul
RT: 22.69 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Instrument :
BNA_N
ClientSampleId :
A5459

Tgt Ion:252 Resp: 8333

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	58.4
125	19.0	0.0	58.6

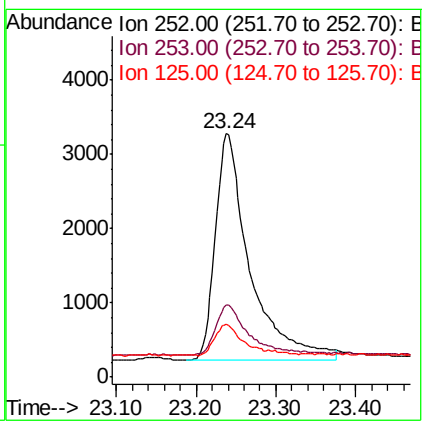


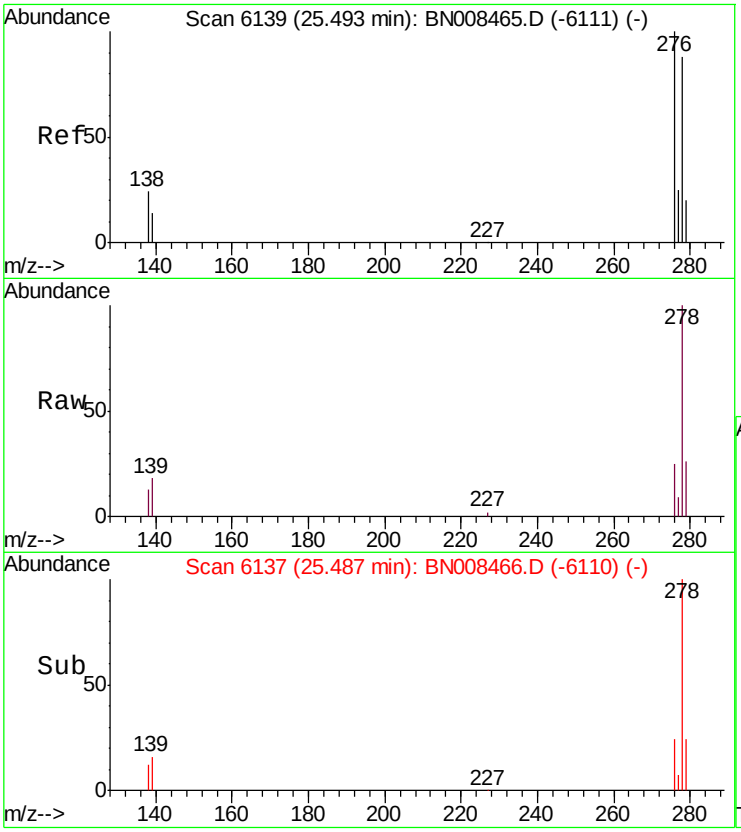


#23
Benzo(a)pyrene
Concen: 0.612 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Tgt Ion:252 Resp: 9265

Ion	Ratio	Lower	Upper
252	100		
253	29.4	27.2	40.8
125	21.5	37.0	55.6#





#25
Dibenzo(a,h)anthracene
Concen: 1.297 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Instrument :
BNA_N
ClientSampleId :
A5459

Tgt Ion:278 Resp: 17682

Ion	Ratio	Lower	Upper
278	100		
139	17.9	17.6	26.4
279	26.5	25.1	37.7