Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016077.D
Acq On : 26 Aug 2021 19:40
Operator : CG/JU
Sample : M3395-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X3630

Quant Time: Aug 26 20:11:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	1361	0.400	ng/ul	0.00
4) Naphthalene-d8	10.666	136	5776	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	3429	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.246	188	7433	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	7424	0.400	ng/ul	0.00
23) Perylene-d12	23.824	264	6741	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	878	0.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	2617	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	6497	0.325	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	13722	0.920	ng/ul	98
10) Acenaphthylene	14.224	152	5980	0.494	ng/ul	99
11) Acenaphthene	14.566	153	5385	0.516	ng/ul	98
12) Fluorene	15.551	166	4980	0.402	ng/ul	99
14) Pentachlorophenol	16.900	266	1130	0.726	ng/ul	98
15) Phenanthrene	17.288	178	9008	0.439	ng/ul	99
16) Anthracene	17.381	178	8428	0.476	ng/ul	100
19) Fluoranthene	19.308	202	10620	0.458	ng/ul	100
20) Pyrene	19.670	202	14026	0.601	ng/ul	98
21) Benzo(a)anthracene	21.421	228	11188	0.484	ng/ul	99
24) Benzo(b)fluoranthene	23.096	252	11090	0.441	ng/ul	97
26) Benzo(a)pyrene	23.719	252	6409	0.303	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.293	276	17337	0.619	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.313	278	13871	0.589	ng/ul	98
29) Benzo(g,h,i)perylene	27.051	276	15144	0.628	ng/ul	97

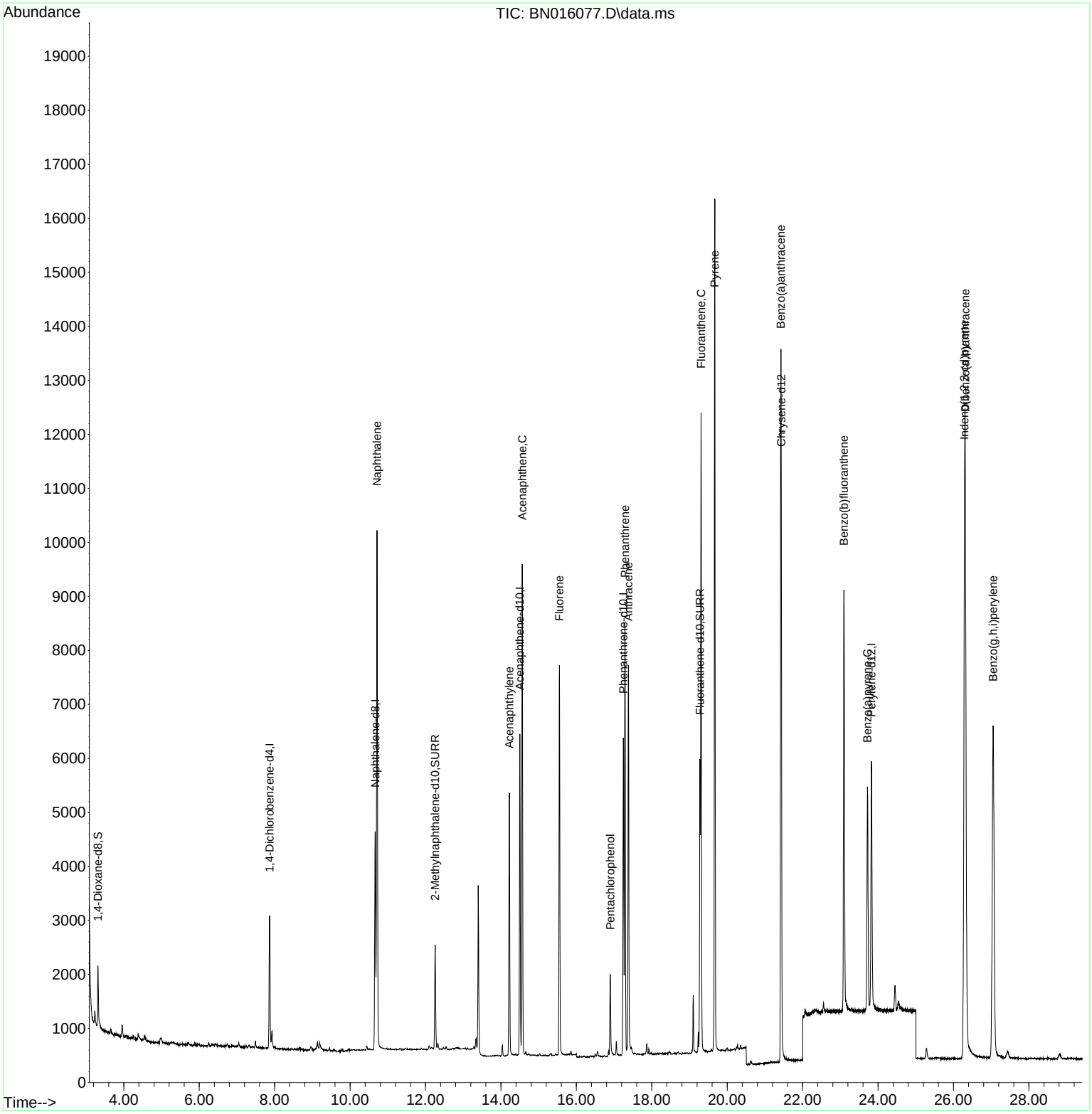
(#) = qualifier out of range (m) = manual integration (+) = signals summed

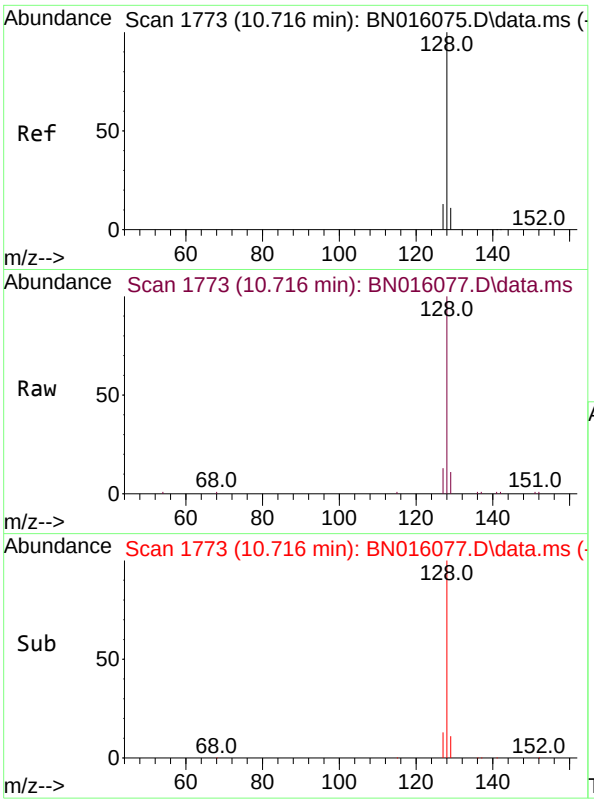
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082621\
Data File : BN016077.D
Acq On : 26 Aug 2021 19:40
Operator : CG/JU
Sample : M3395-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X3630

Quant Time: Aug 26 20:11:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 11:35:43 2021
Response via : Initial Calibration

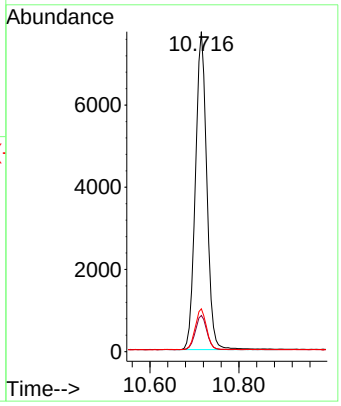




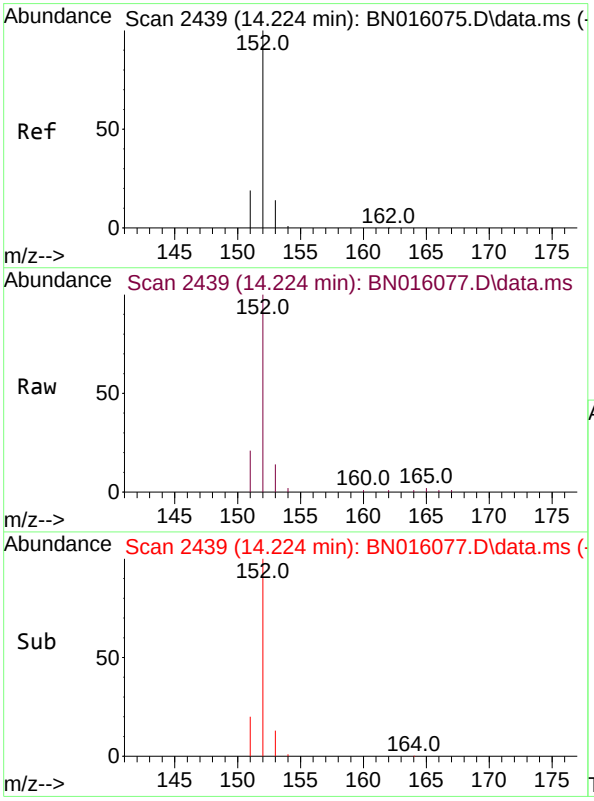
#5
Naphthalene
Concen: 0.920 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:128 Resp: 13722

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.4	11.1	16.7



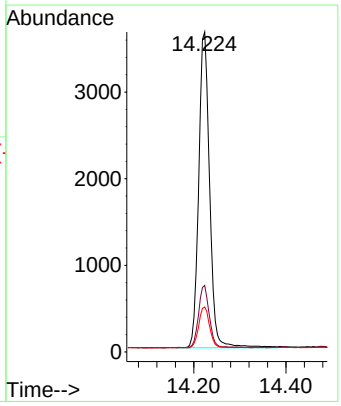
Instrument :
BNA_N
ClientSampleId :
X3630



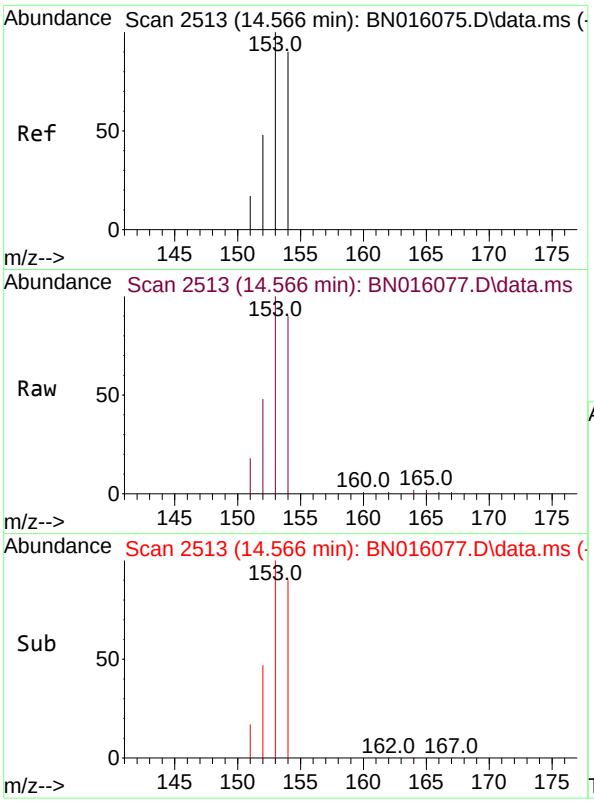
#10
Acenaphthylene
Concen: 0.494 ng/ul
RT: 14.224 min Scan# 2439
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:152 Resp: 5980

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6
153	14.0	11.8	17.6



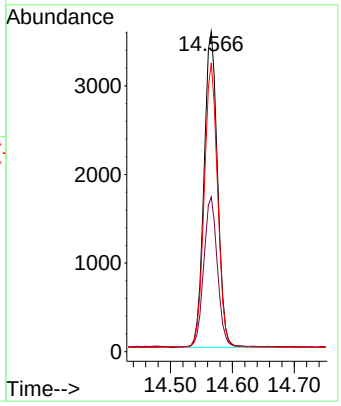
Instrument :
BNA_N
ClientSampleId :
X3630

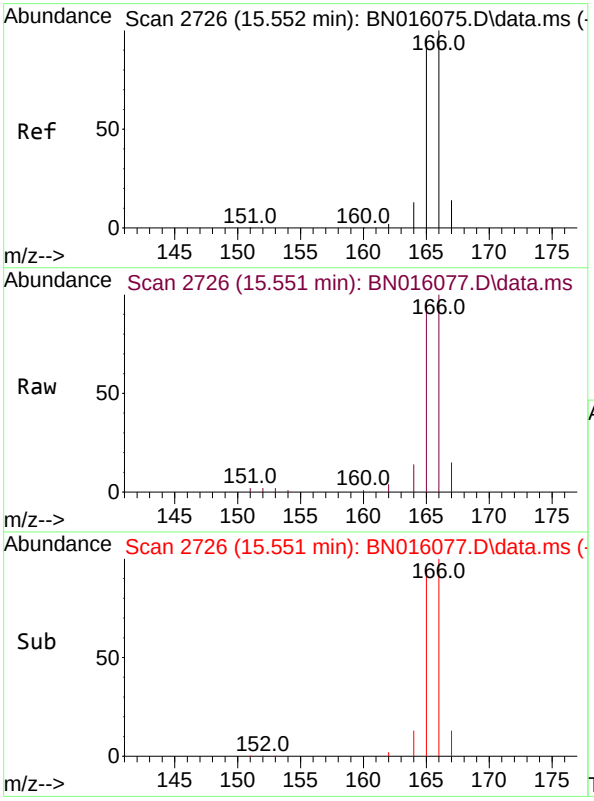


#11
Acenaphthene
Concen: 0.516 ng/ul
RT: 14.566 min Scan# 2513
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:153 Resp: 5385

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.3	57.5
154	90.3	70.2	105.2

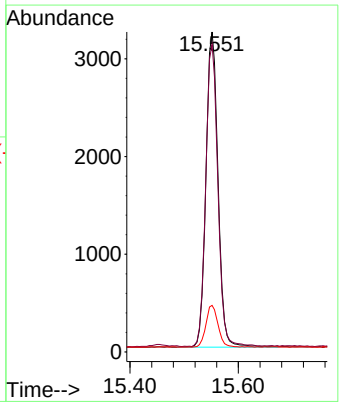




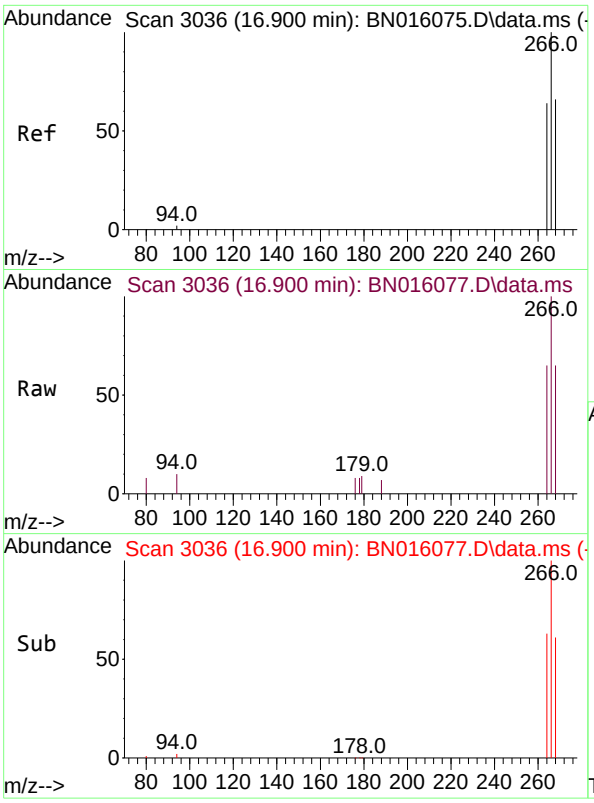
#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.551 min Scan# 2726
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:166 Resp: 4980

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.2	114.2
167	14.5	11.5	17.3



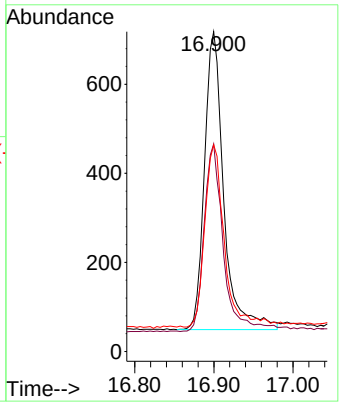
Instrument :
BNA_N
ClientSampleId :
X3630

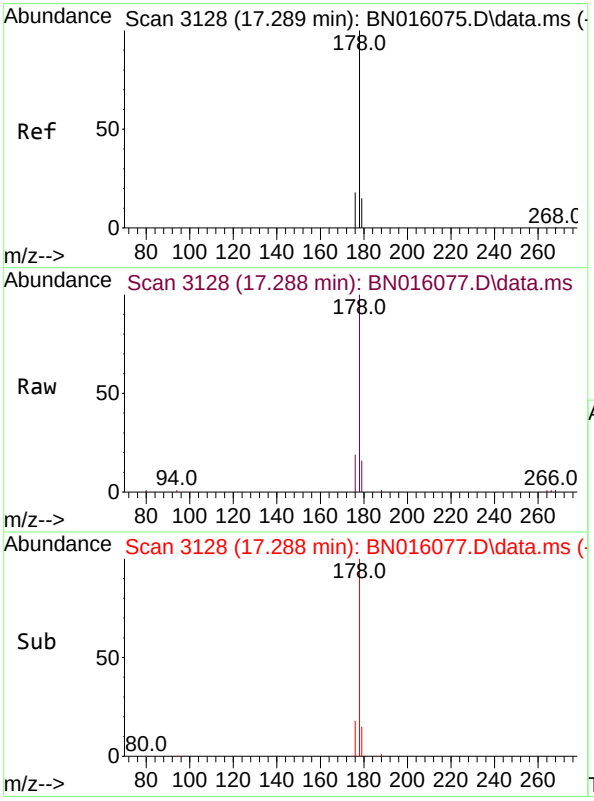


#14
Pentachlorophenol
Concen: 0.726 ng/ul
RT: 16.900 min Scan# 3036
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:266 Resp: 1130

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.2	75.2
268	62.7	52.6	79.0

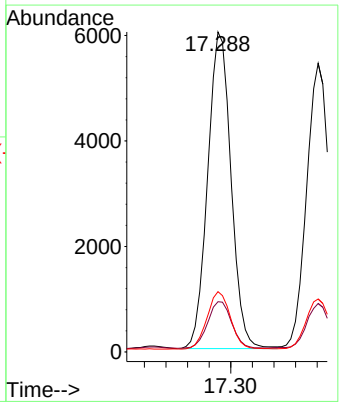




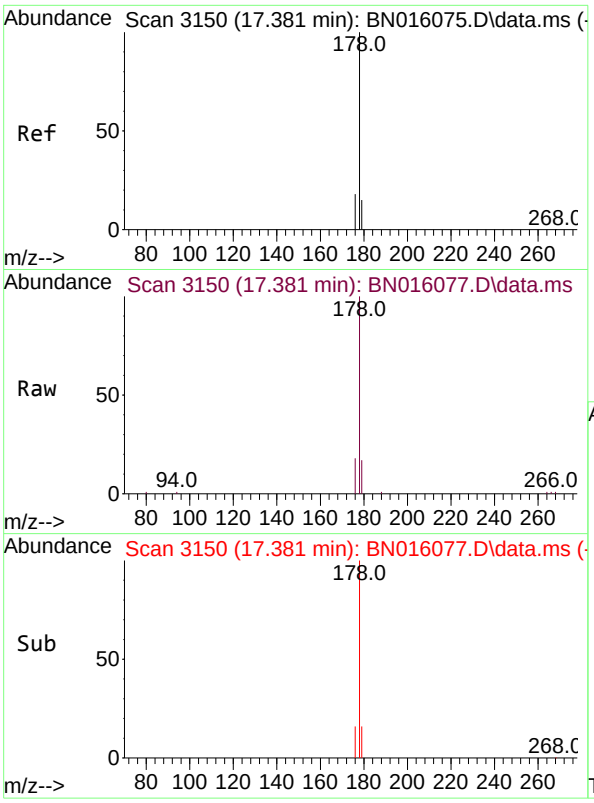
#15
Phenanthrene
Concen: 0.439 ng/ul
RT: 17.288 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:178 Resp: 9008

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.9	15.0	22.4



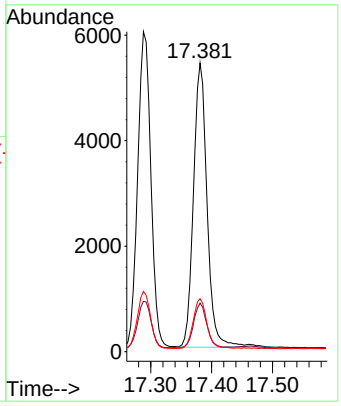
Instrument :
BNA_N
ClientSampleId :
X3630

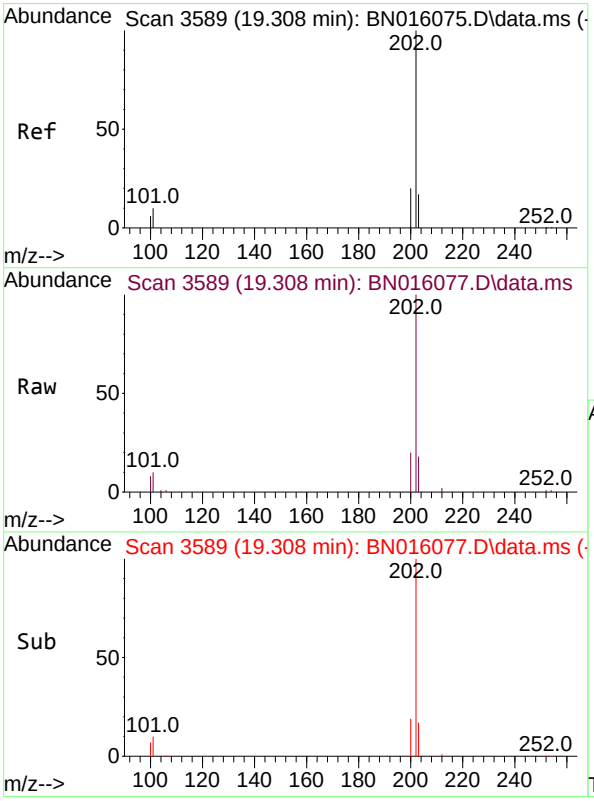


#16
Anthracene
Concen: 0.476 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:178 Resp: 8428

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.0
176	18.3	14.9	22.3

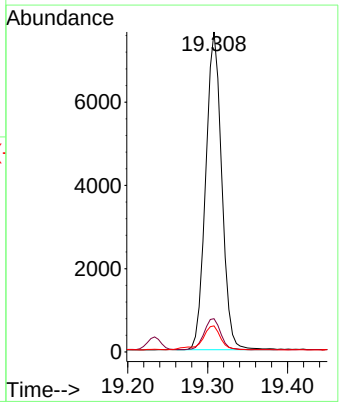


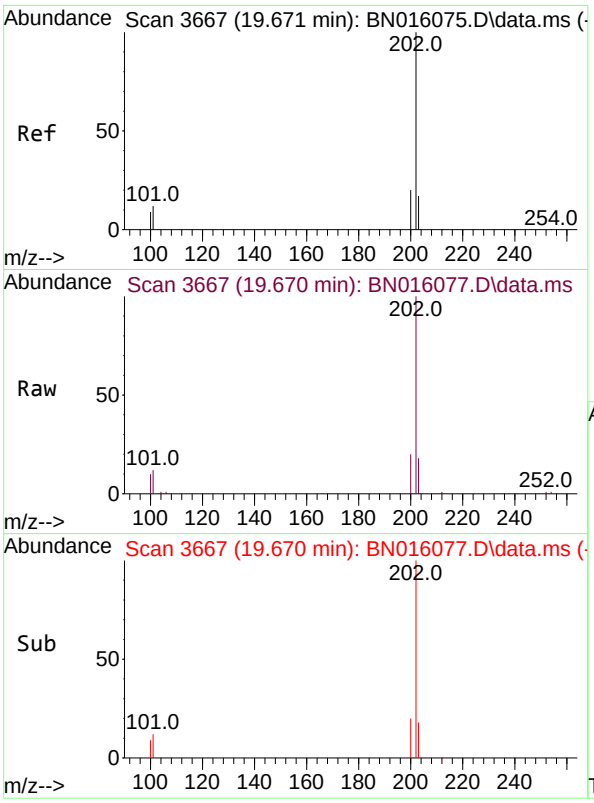


#19
Fluoranthene
Concen: 0.458 ng/ul
RT: 19.308 min Scan# 3589
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:202 Resp: 10620

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
100	8.1	6.6	9.8

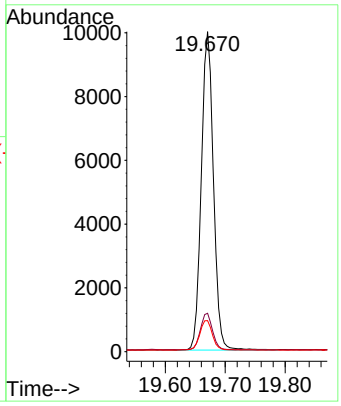




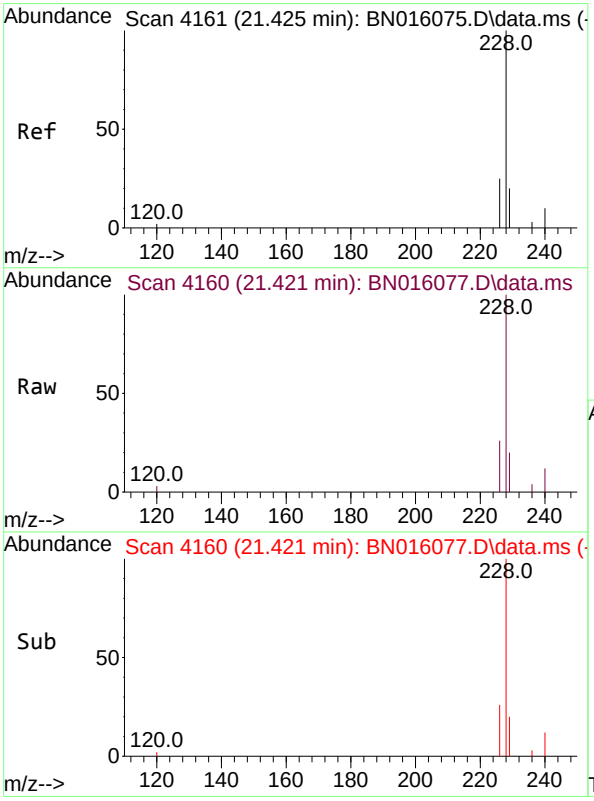
#20
Pyrene
Concen: 0.601 ng/ul
RT: 19.670 min Scan# 3667
Delta R.T. 0.004 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:202 Resp: 14026

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.0	15.0
100	9.7	8.4	12.6



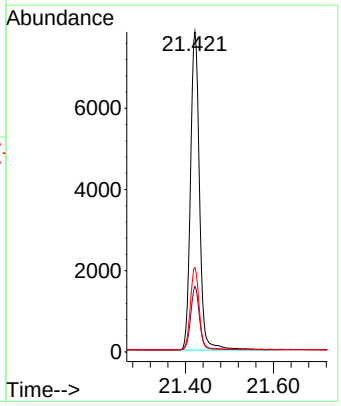
Instrument :
BNA_N
ClientSampleId :
X3630

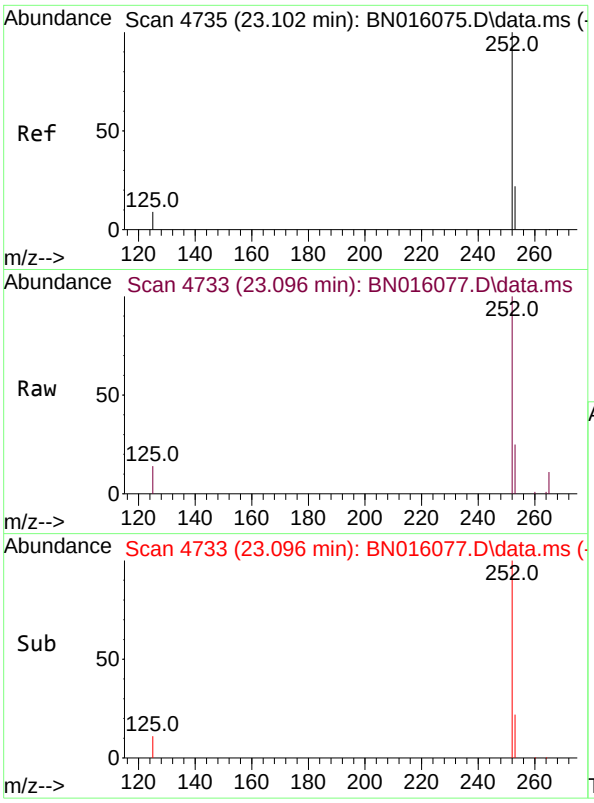


#21
Benzo(a)anthracene
Concen: 0.484 ng/ul
RT: 21.421 min Scan# 4160
Delta R.T. 0.005 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:228 Resp: 11188

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	26.3	20.6	31.0

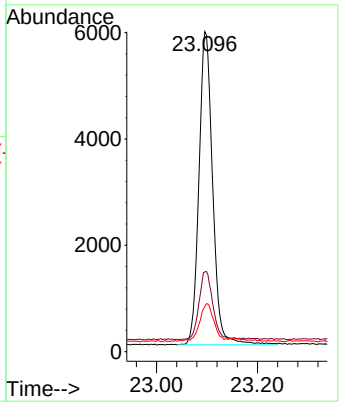




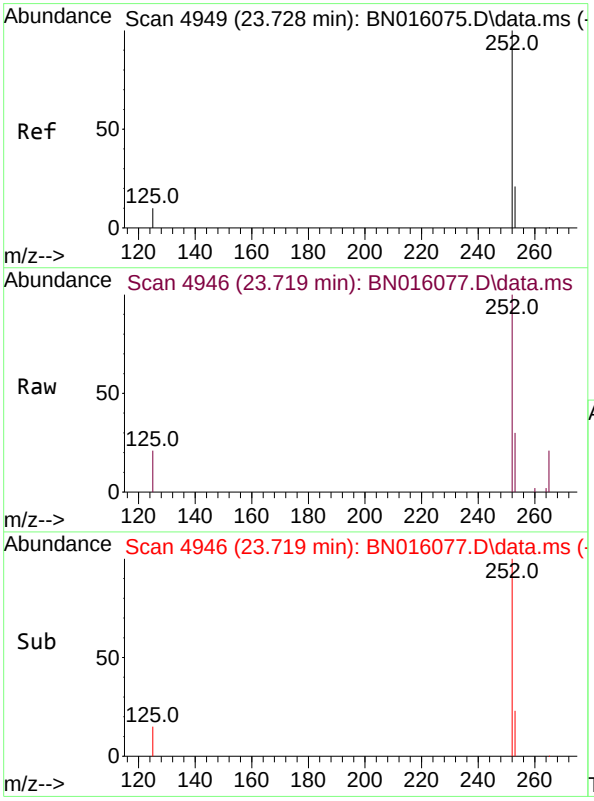
#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. 0.005 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:252 Resp: 11090

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	50.6
125	14.1	0.0	21.6



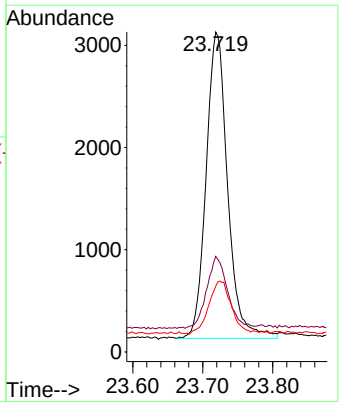
Instrument :
BNA_N
ClientSampleId :
X3630

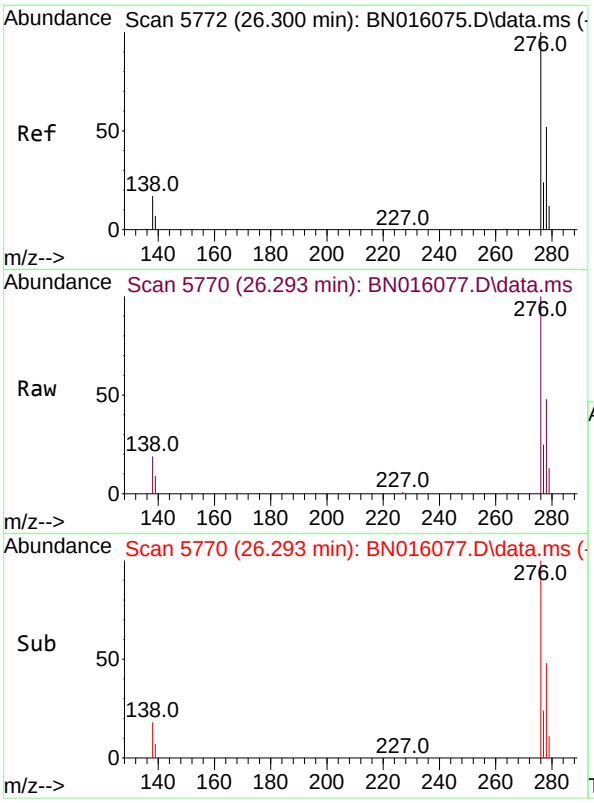


#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.719 min Scan# 4946
Delta R.T. 0.008 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:252 Resp: 6409

Ion	Ratio	Lower	Upper
252	100		
253	29.9	22.1	33.1
125	20.6	10.2	15.4#

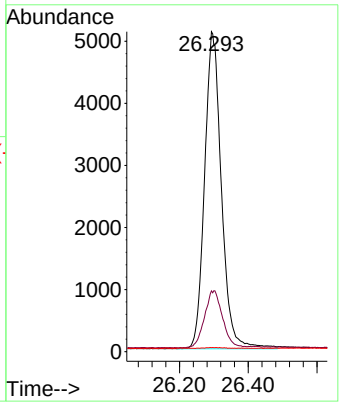




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.619 ng/ul
RT: 26.293 min Scan# 5770
Delta R.T. 0.003 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:276 Resp: 17337

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.1	22.7
227	0.2	0.1	0.1#



Instrument :
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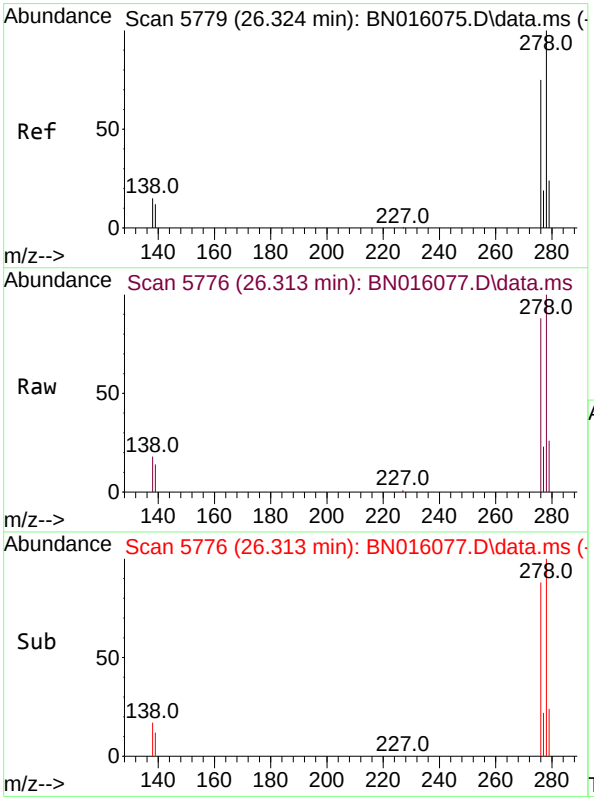
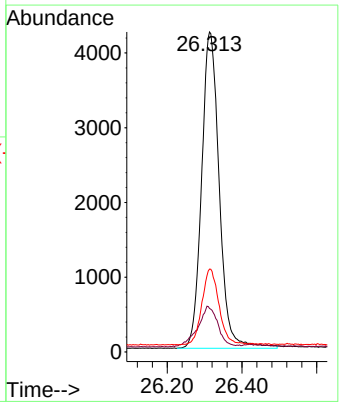
ClientSampleId :
X3630

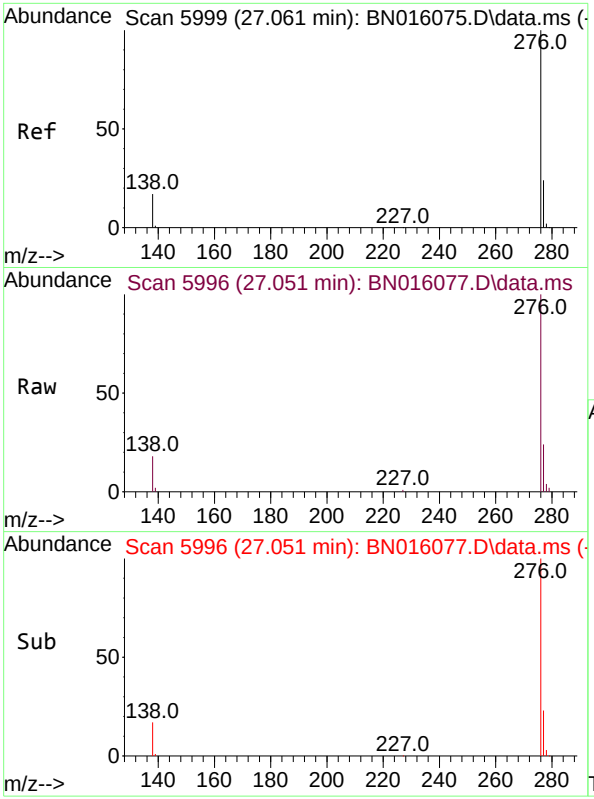


#28
Dibenzo(a,h)anthracene
Concen: 0.589 ng/ul
RT: 26.313 min Scan# 5776
Delta R.T. 0.013 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:278 Resp: 13871

Ion	Ratio	Lower	Upper
278	100		
139	13.6	12.0	18.0
279	25.9	21.0	31.6

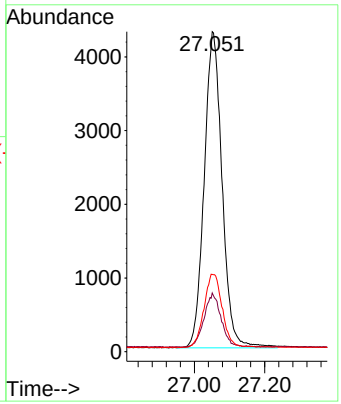




#29
Benzo(g,h,i)perylene
Concen: 0.628 ng/ul
RT: 27.051 min Scan# 5996
Delta R.T. 0.013 min
Lab File: BN016077.D
Acq: 26 Aug 2021 19:40

Tgt Ion:276 Resp: 15144

Ion	Ratio	Lower	Upper
276	100		
138	18.3	13.8	20.8
277	24.1	20.5	30.7



Instrument :
BNA_N
ClientSampleId :
X3630