Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
Data File : BN000968.D
Acq On : 27 Apr 2018 15:47
Operator : JU/SJ
Sample : J2240-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 28 03:02:39 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 28 03:01:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	109146	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	447898	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	221326	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	458544	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	448368	20.00	ng/ul	0.00
23) Perylene-d12	23.41	264	472187	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	132765	20.83	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	446892	20.98	ng/ul	0.00
10) Fluorene-d10	15.25	176	334996	23.47	ng/ul	0.00
15) Anthracene-d10	17.10	188	598785	28.24	ng/ul	0.00
19) Pyrene-d10	19.41	212	666647	29.54	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	738469	33.17	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.43	128	132879	5.860	ng/ul	99
13) Pentachlorophenol	16.66	266	47340	17.086	ng/ul	97
14) Phenanthrene	17.05	178	567235	22.642	ng/ul	99
16) Anthracene	17.14	178	236039	9.318	ng/ul	98
17) Fluoranthene	19.07	202	532141	21.606	ng/ul#	76
20) Pyrene	19.44	202	567726	20.000	ng/ul#	73
21) Benzo(a)anthracene	21.25	228	443101	16.588	ng/ul	96
22) Chrysene	21.25	228	443101	17.539	ng/ul	99
27) Benzo(a)pyrene	23.32	252	267282	10.227	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	25.60	276	528411	18.104	ng/ul#	86
29) Dibenzo(a,h)anthracene	25.60	278	279886	11.466	ng/ul#	89

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

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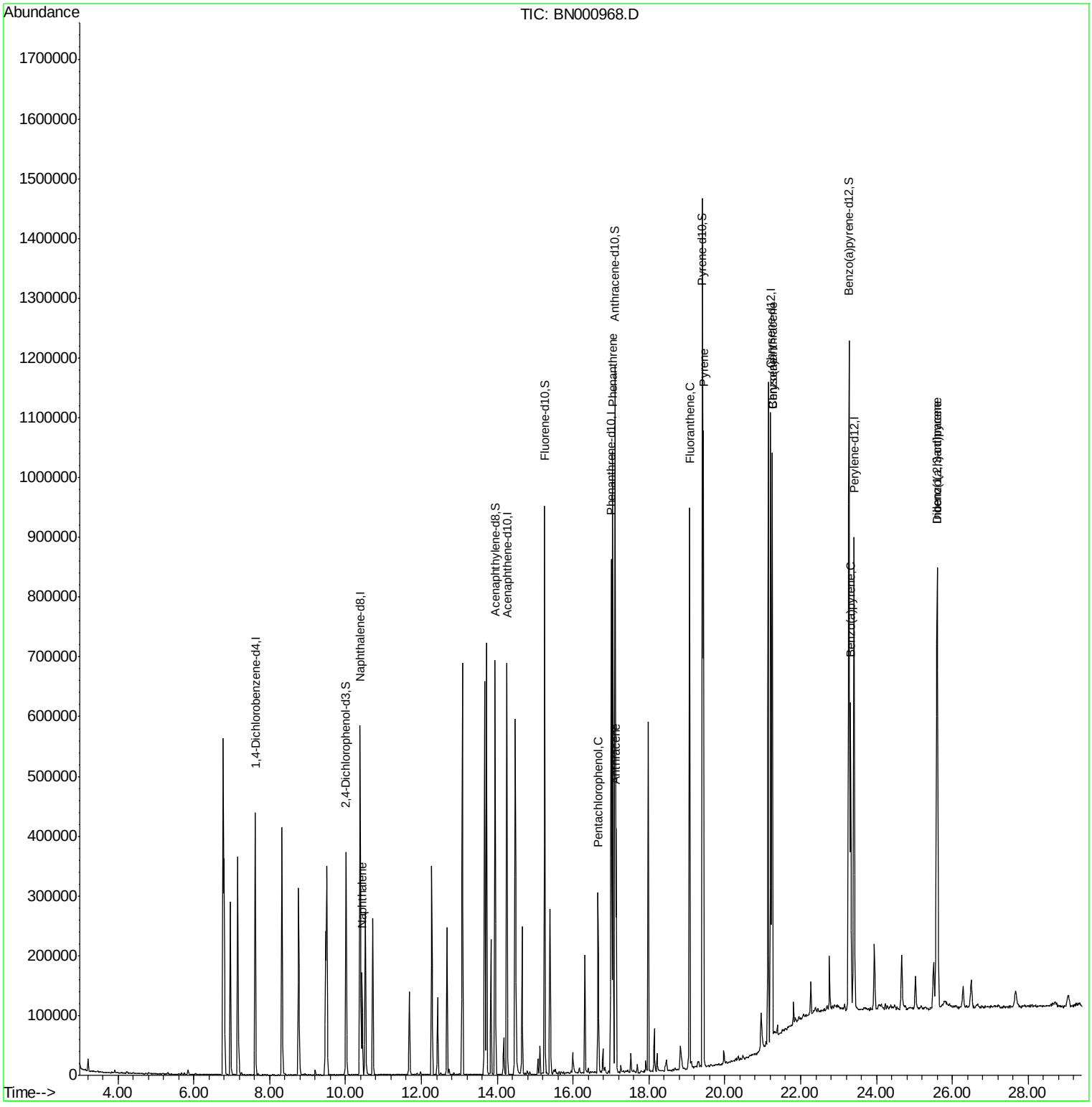
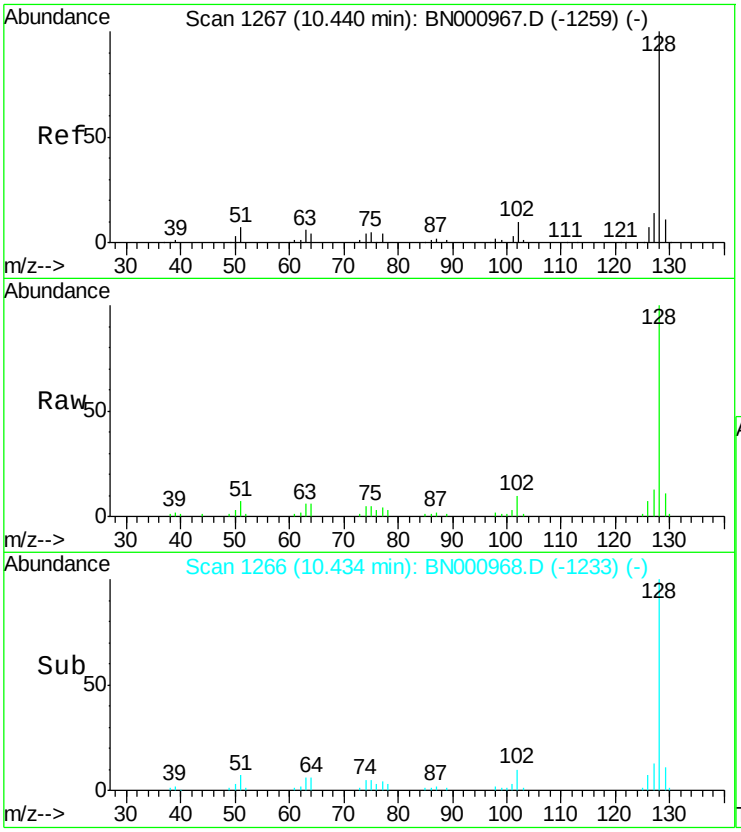


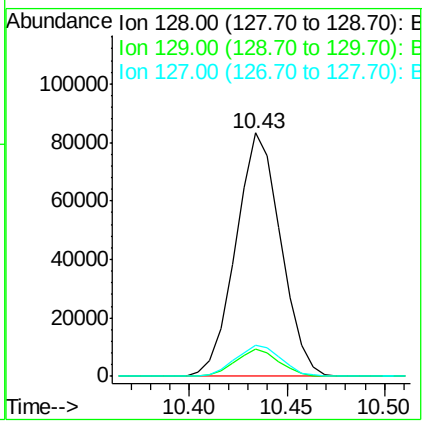


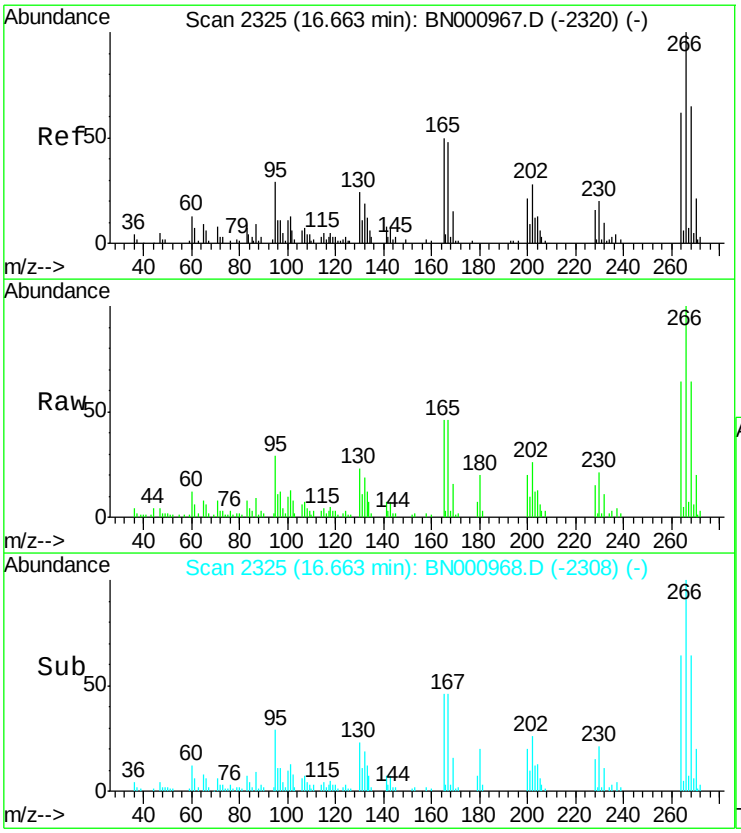
#4
Naphthalene
Concen: 5.860 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 132879

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.6	16.0

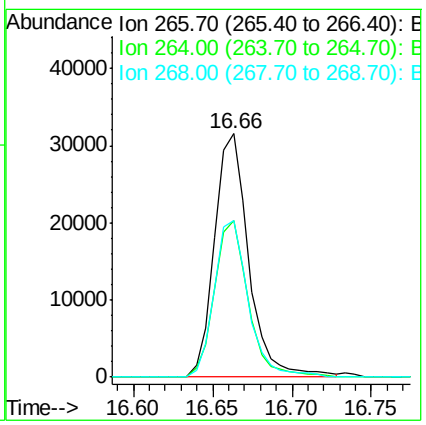


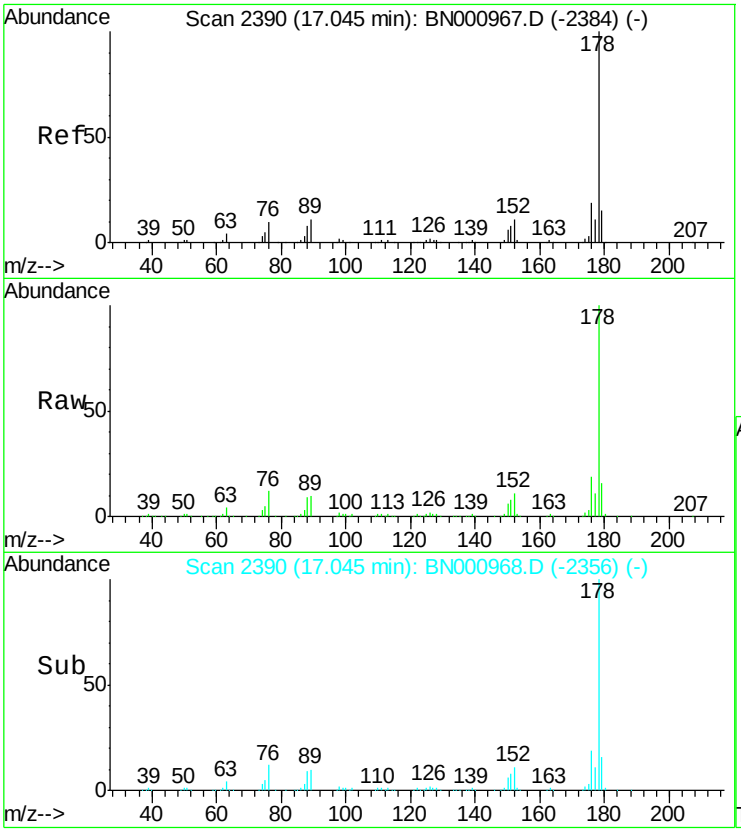


#13
Pentachlorophenol
Concen: 17.086 ng/ul
RT: 16.66 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Tgt Ion:266 Resp: 47340

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.3	73.9
268	64.1	52.6	78.8



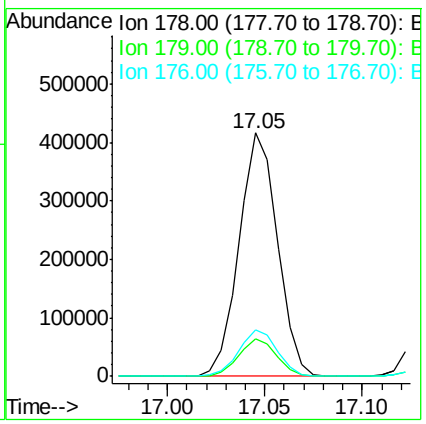


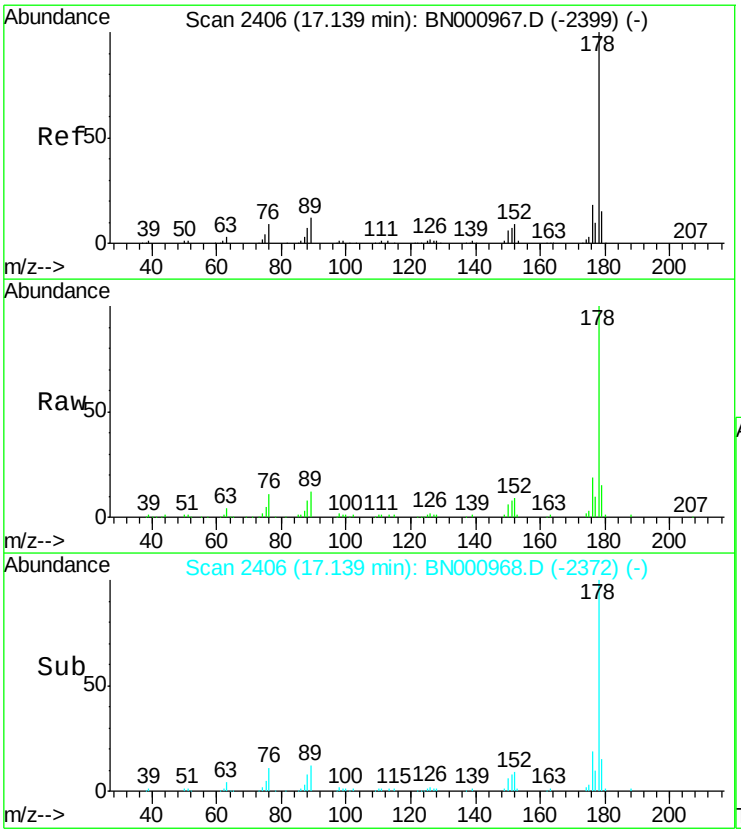
#14
Phenanthrene
Concen: 22.642 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 567235

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.1	14.9	22.3

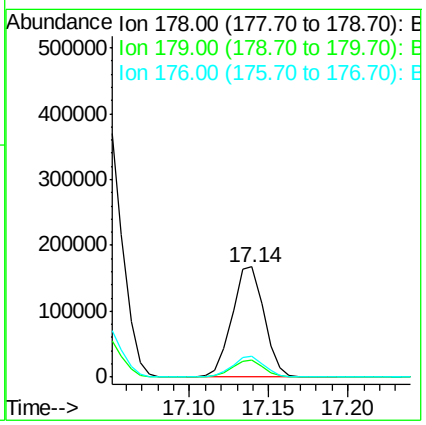


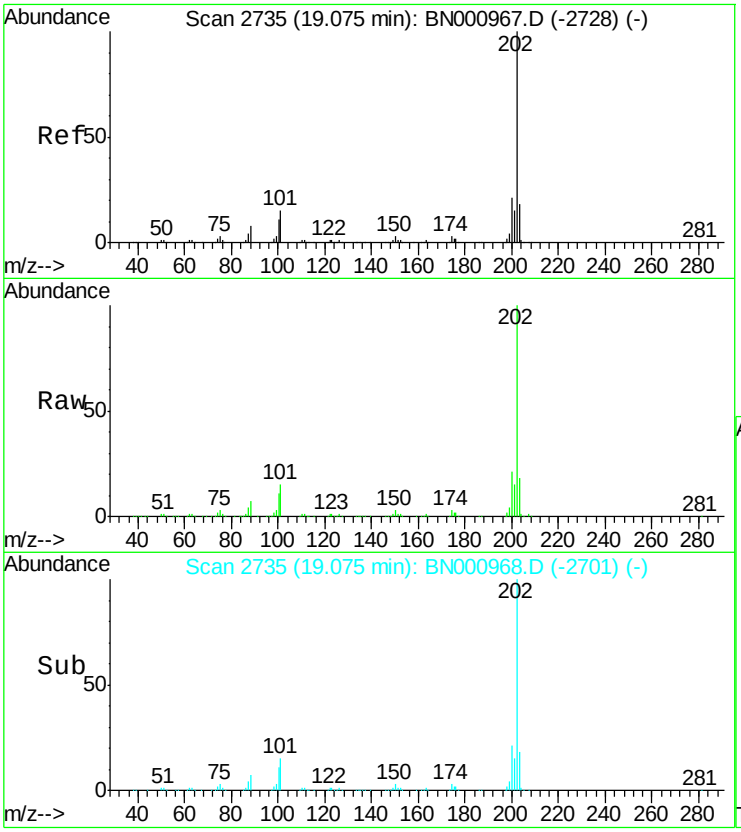


#16
Anthracene
Concen: 9.318 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Tgt Ion:178 Resp: 236039

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	19.0	14.6	21.8



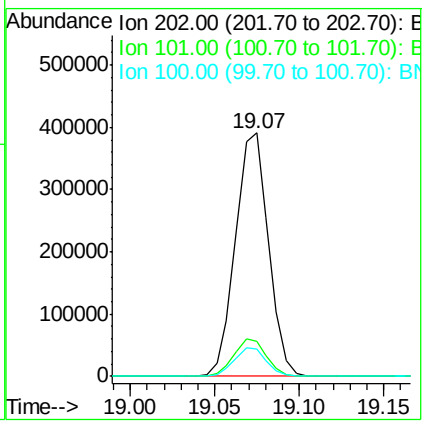


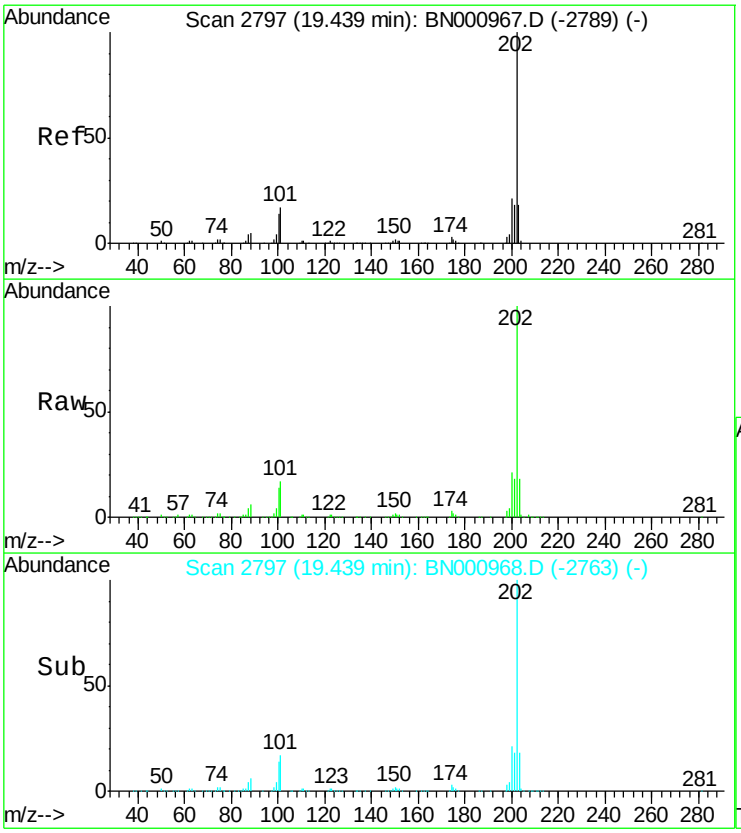
#17
Fluoranthene
Concen: 21.606 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 532141

Ion	Ratio	Lower	Upper
202	100		
101	14.5	4.6	7.0#
100	11.2	3.4	5.2#

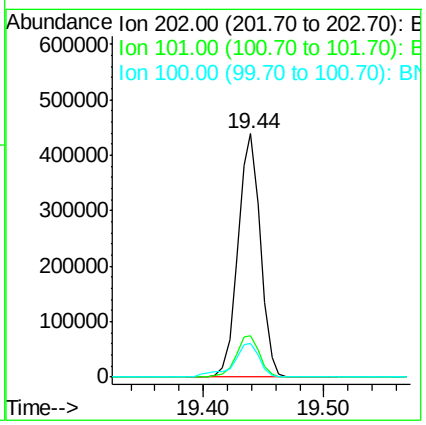


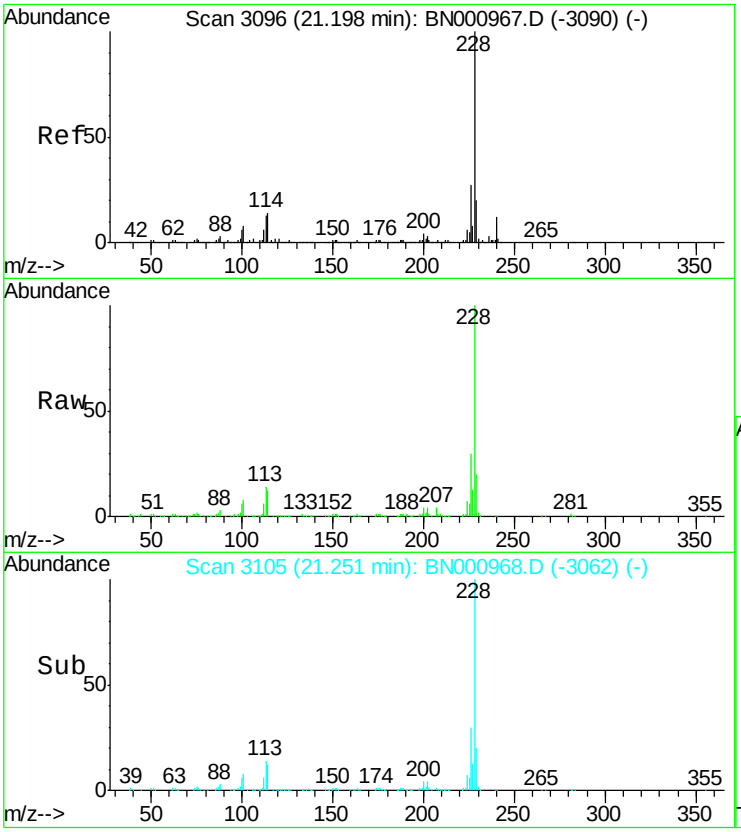


#20
Pyrene
Concen: 20.000 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Tgt Ion:202 Resp: 567726

Ion	Ratio	Lower	Upper
202	100		
101	17.0	5.1	7.7#
100	13.8	4.9	7.3#



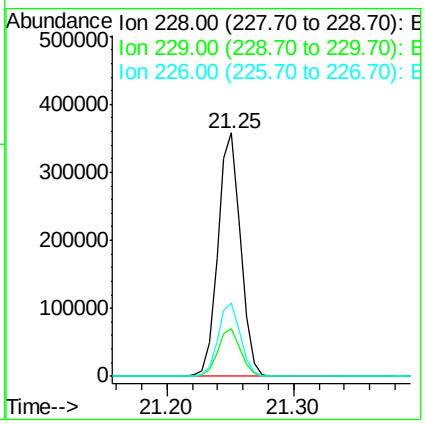


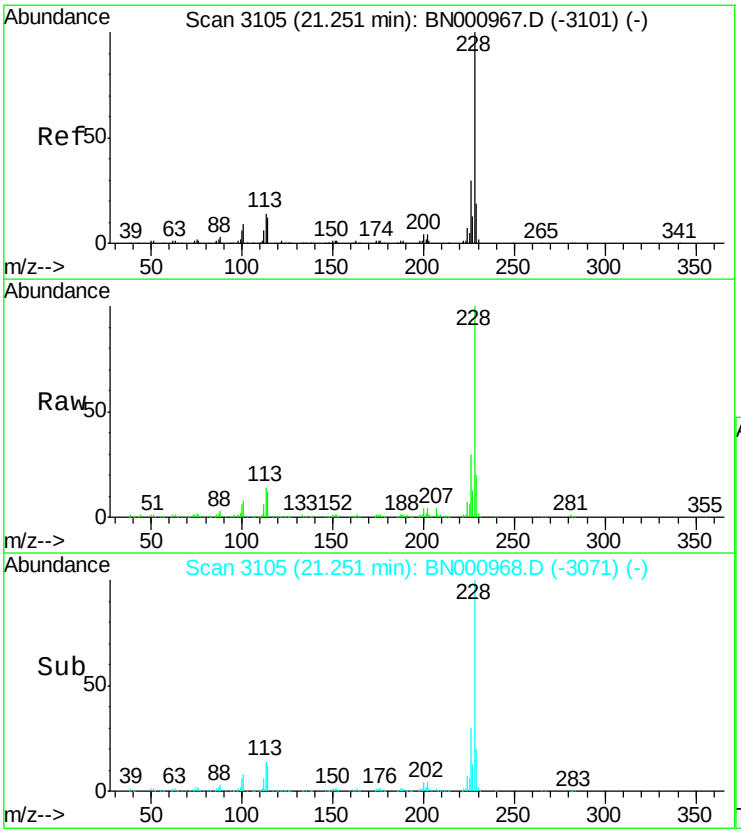
#21
Benzo(a)anthracene
Concen: 16.588 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.05 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 443101

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	30.0	21.4	32.0

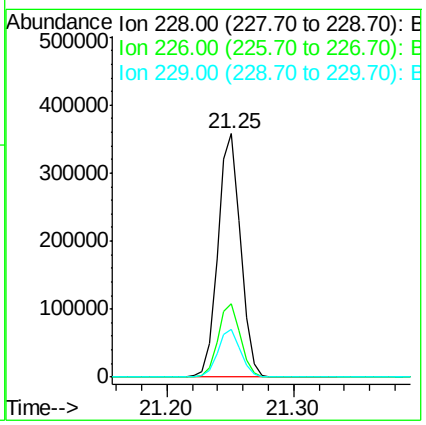


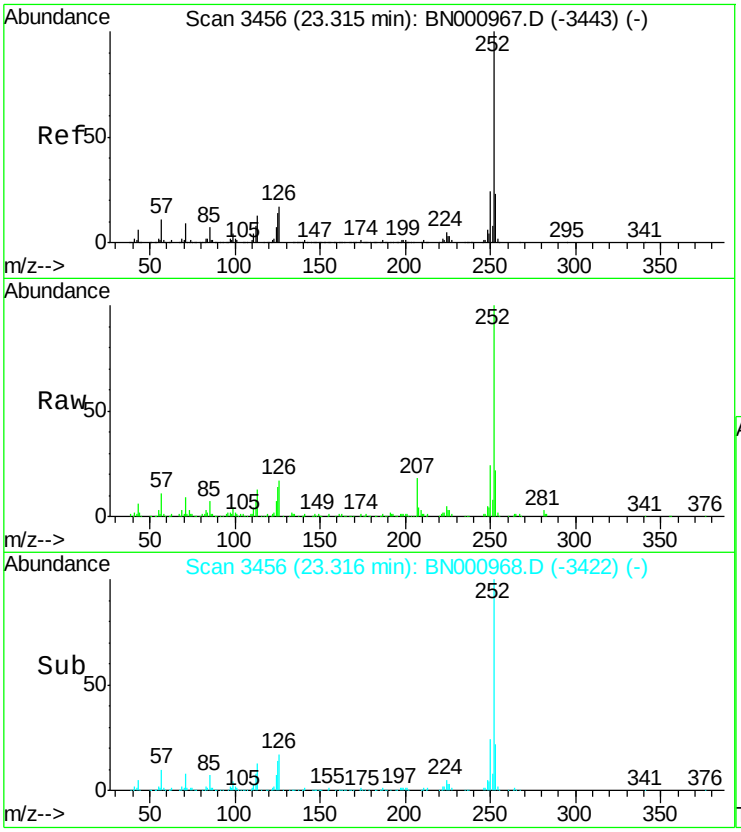


#22
Chrysene
Concen: 17.539 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Tgt Ion:228 Resp: 443101

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	19.5	15.5	23.3



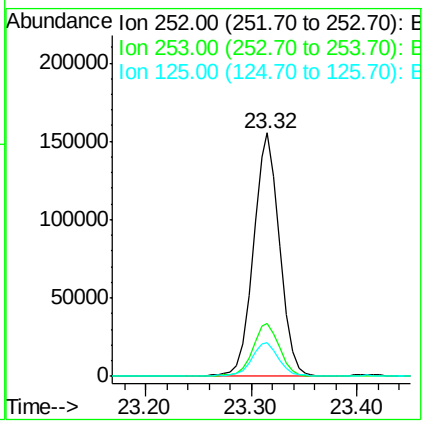


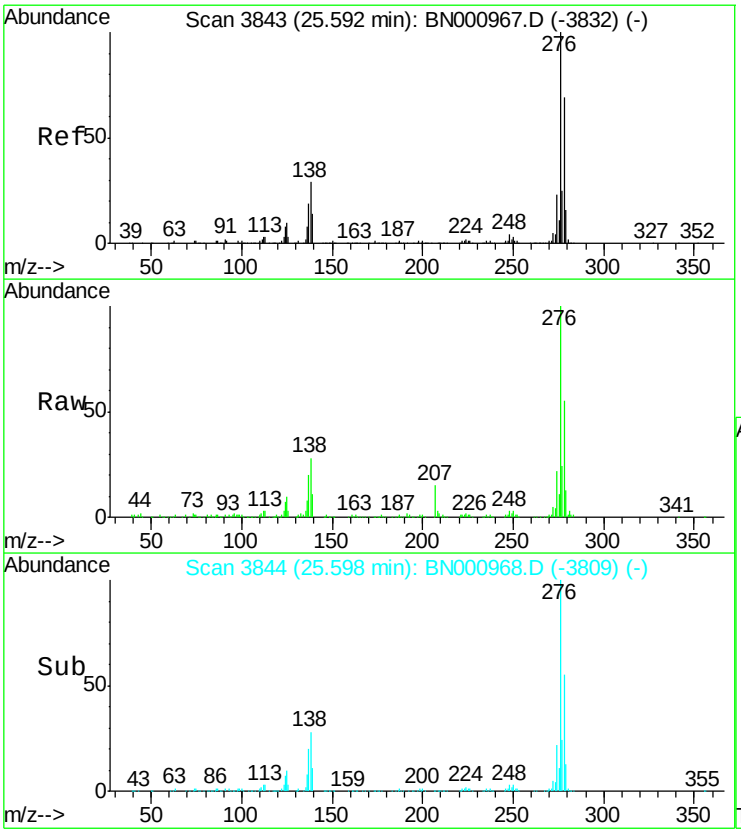
#27
Benzo(a)pyrene
Concen: 10.227 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 267282

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	14.0	4.0	6.0#

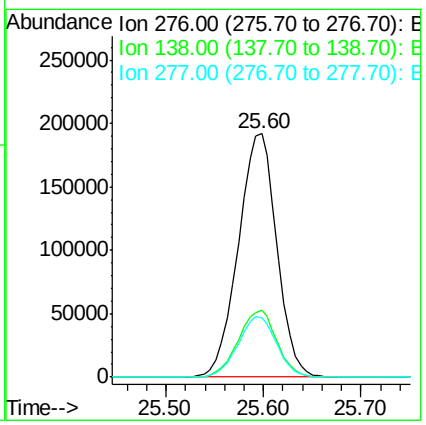


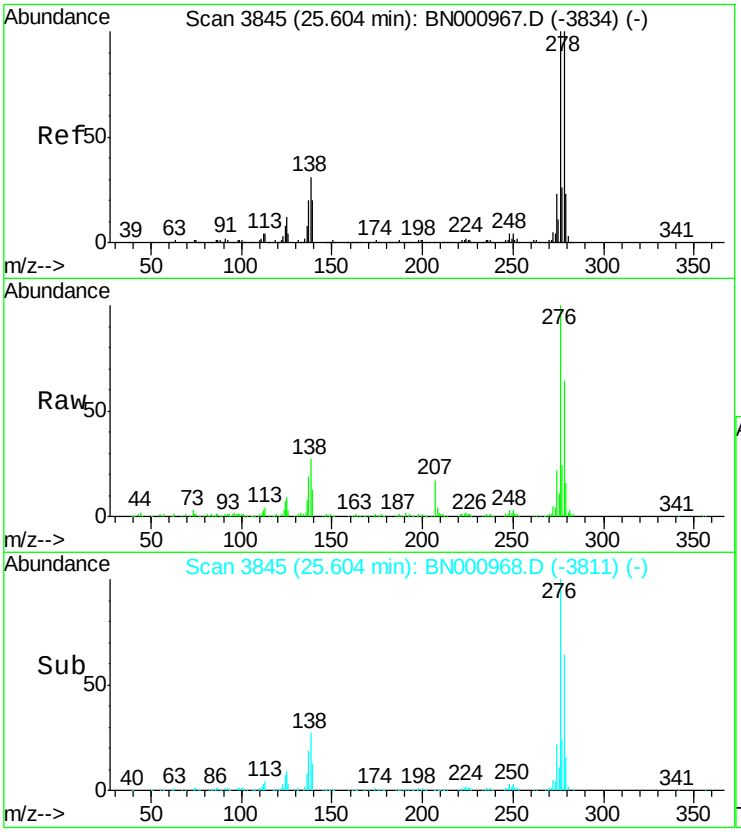


#28
Indeno(1,2,3-cd)pyrene
Concen: 18.104 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. 0.01 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Tgt Ion:276 Resp: 528411

Ion	Ratio	Lower	Upper
276	100		
138	27.7	9.3	13.9#
277	24.4	19.9	29.9





#29
Dibenzo(a,h)anthracene
Concen: 11.466 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.00 min
Lab File: BN000968.D
Acq: 27 Apr 2018 15:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 279886

Ion	Ratio	Lower	Upper
278	100		
139	20.2	5.8	8.8#
279	24.4	18.6	27.8