Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042018\
Data File : BN000812.D
Acq On : 21 Apr 2018 00:47
Operator : JU/SJ
Sample : J2355-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y16

Quant Time: Apr 21 02:48:49 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 21 02:47:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133537	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	568157	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	292452	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	601168	20.00	ng/ul	0.00
18) Chrysene-d12	21.20	240	571434	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	600295	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.01	165	162858	20.15	ng/ul	0.00
7) Acenaphthylene-d8	13.94	160	619341	22.00	ng/ul	0.00
10) Fluorene-d10	15.25	176	415829	22.05	ng/ul	0.00
15) Anthracene-d10	17.10	188	578116	20.80	ng/ul	0.00
19) Pyrene-d10	19.40	212	634044	22.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.26	264	607815	21.47	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	13.97	152	34480	1.236	ng/ul	98
14) Phenanthrene	17.04	178	174841	5.323	ng/ul	98
16) Anthracene	17.13	178	34943	1.052	ng/ul	99
17) Fluoranthene	19.06	202	322279	9.981	ng/ul#	73
20) Pyrene	19.43	202	339092	9.373	ng/ul#	73
21) Benzo(a)anthracene	21.19	228	157059	4.613	ng/ul	93
22) Chrysene	21.25	228	175727	5.458	ng/ul	97
24) Benzo(b)fluoranthene	22.75	252	198226	5.709	ng/ul#	95
25) Benzo(k)fluoranthene	22.75	252	198226	5.915	ng/ul#	93
27) Benzo(a)pyrene	23.30	252	146978	4.424	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	25.56	276	96919	2.612	ng/ul#	87
30) Benzo(g,h,i)perylene	26.22	276	79061	2.573	ng/ul#	83

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

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Misc :
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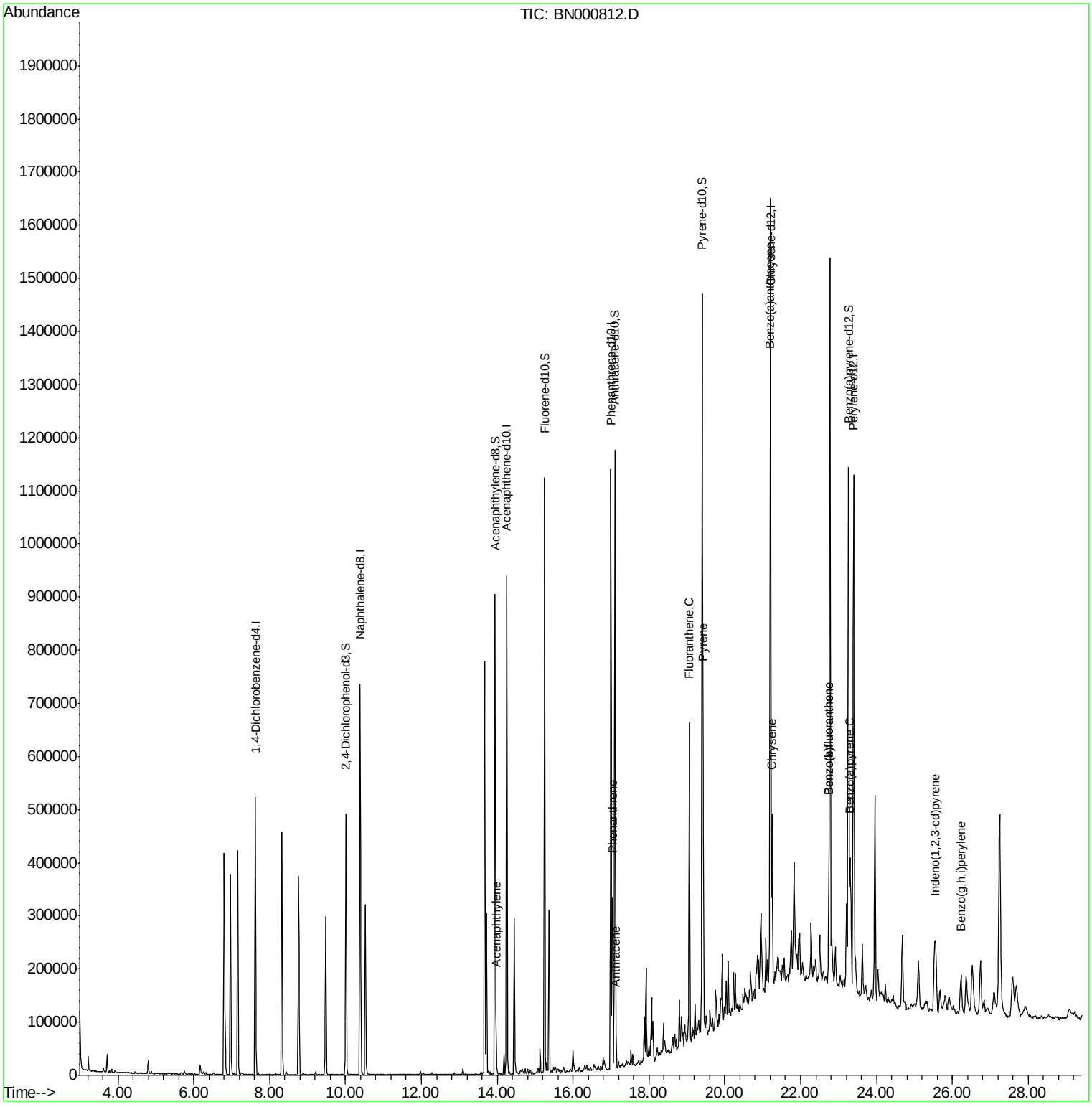
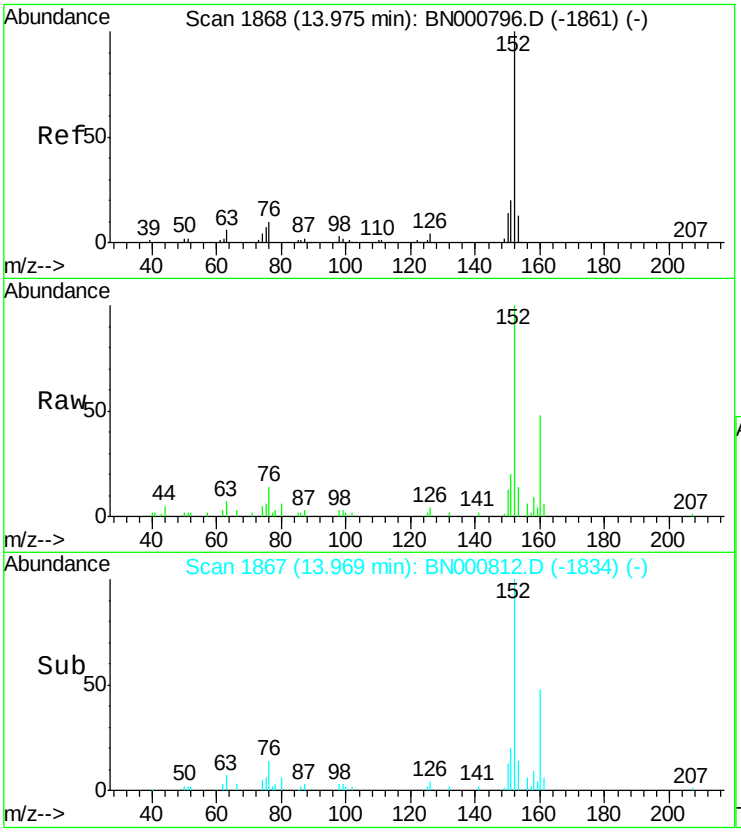


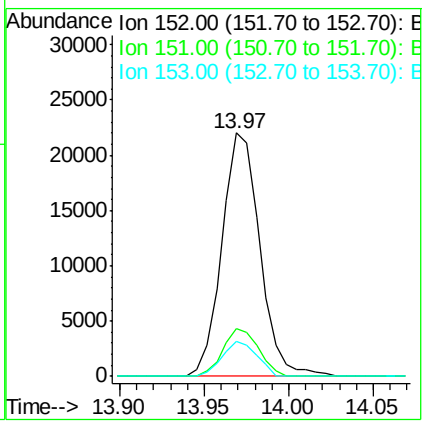


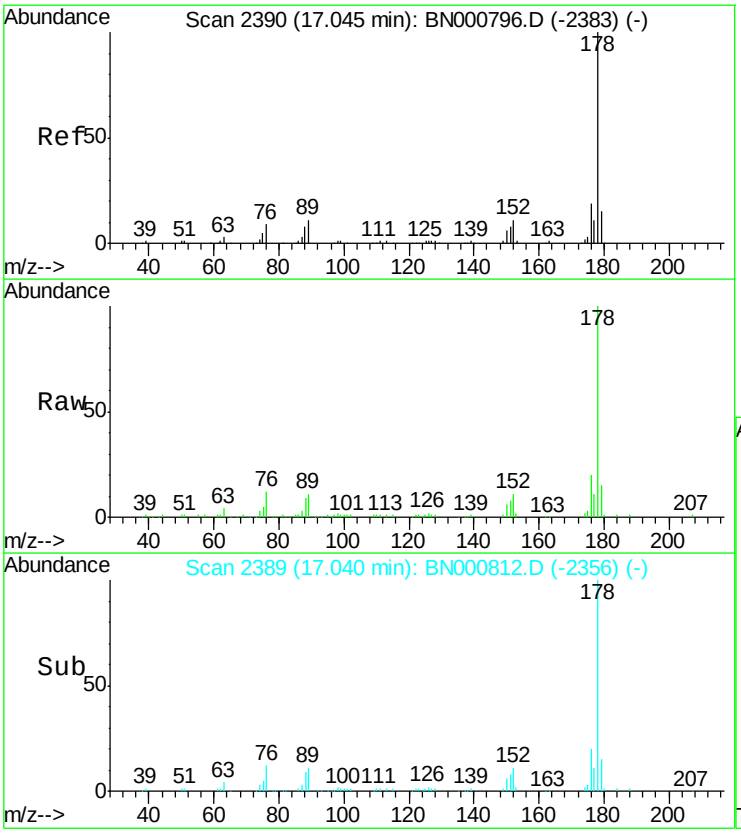
#8
Acenaphthylene
Concen: 1.236 ng/ul
RT: 13.97 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Instrument :
BNA_N
ClientSampleId :
A3Y16

Tgt Ion:152 Resp: 34480

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	14.1	10.2	15.4

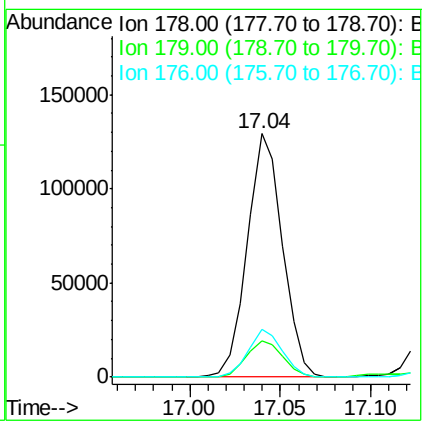


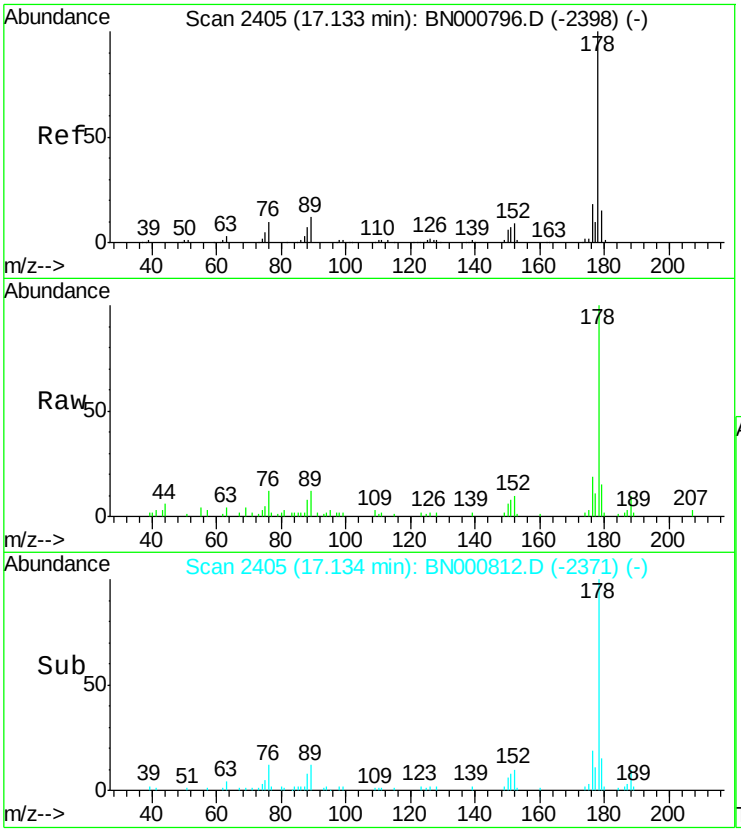


#14
Phenanthrene
Concen: 5.323 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Tgt Ion:178 Resp: 174841

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.6	14.9	22.3



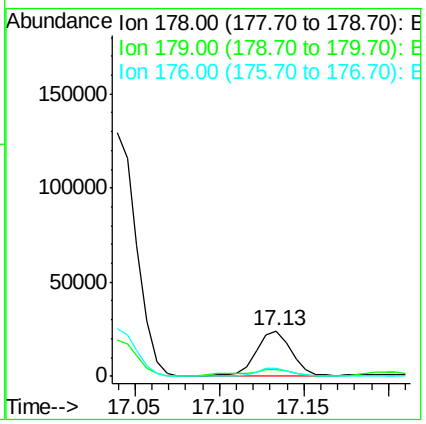


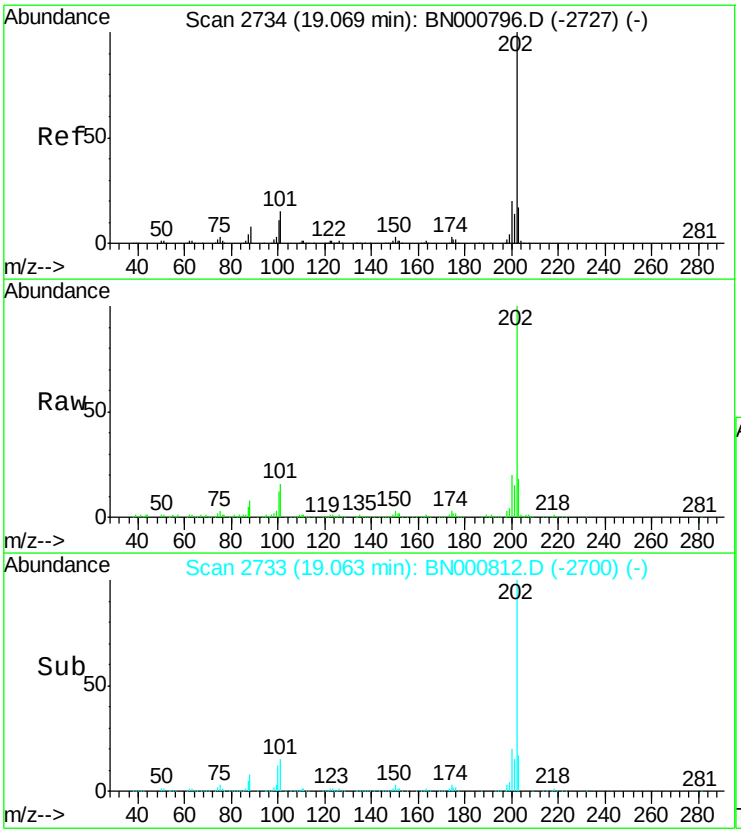
#16
Anthracene
Concen: 1.052 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Instrument :
BNA_N
ClientSampleId :
A3Y16

Tgt Ion:178 Resp: 34943

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.7	14.6	21.8

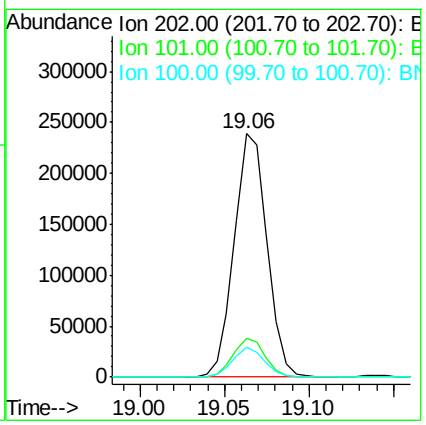


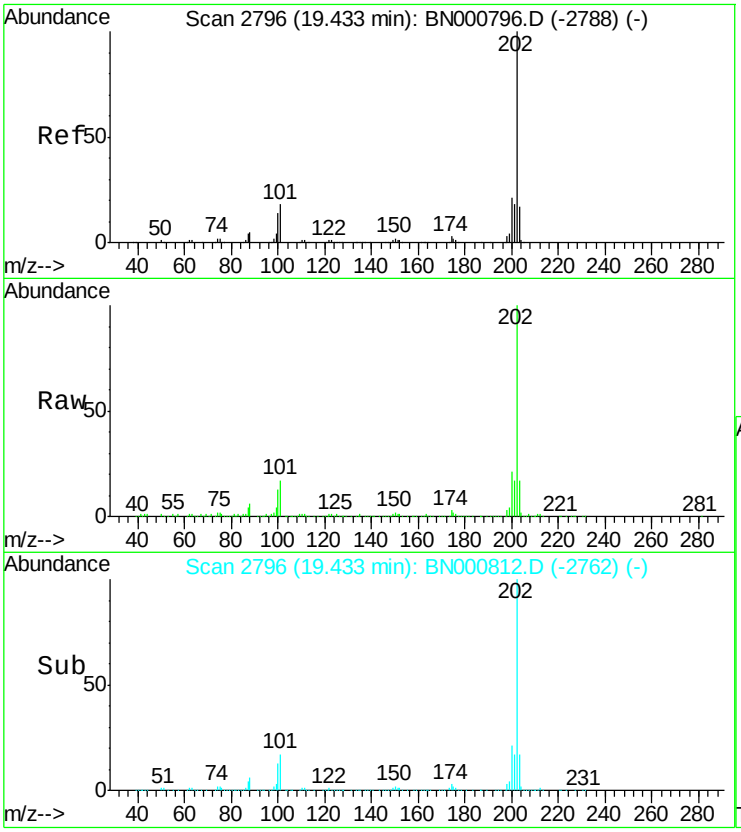


#17
Fluoranthene
Concen: 9.981 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Tgt Ion:202 Resp: 322279

Ion	Ratio	Lower	Upper
202	100		
101	15.7	4.6	7.0#
100	12.2	3.4	5.2#



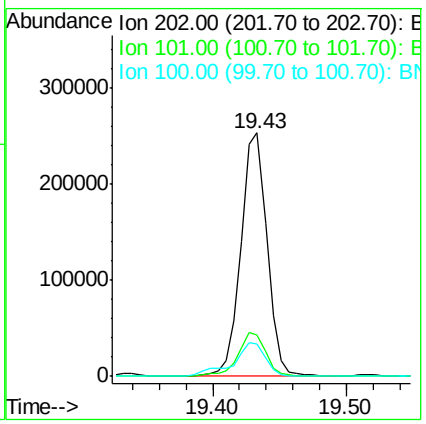


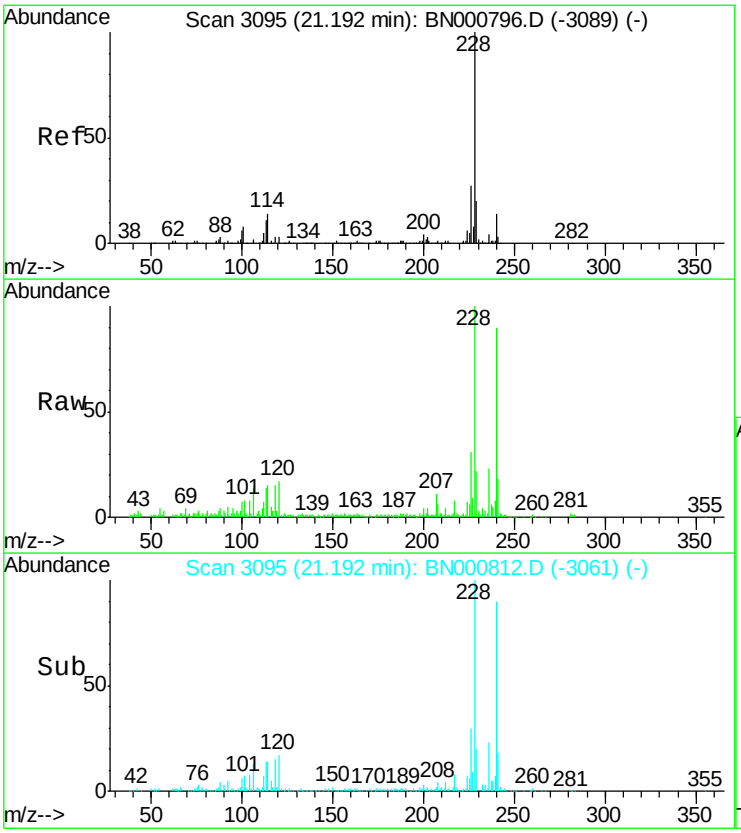
#20
Pyrene
Concen: 9.373 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Instrument :
BNA_N
ClientSampleId :
A3Y16

Tgt Ion:202 Resp: 339092

Ion	Ratio	Lower	Upper
202	100		
101	17.2	5.1	7.7#
100	13.4	4.9	7.3#

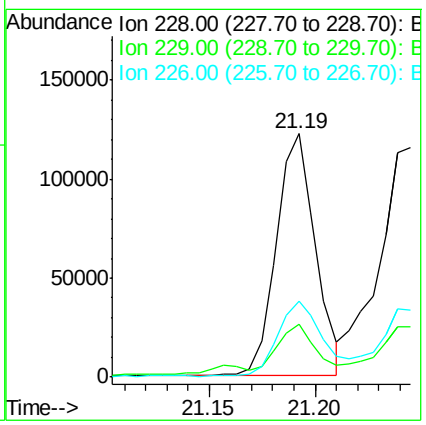


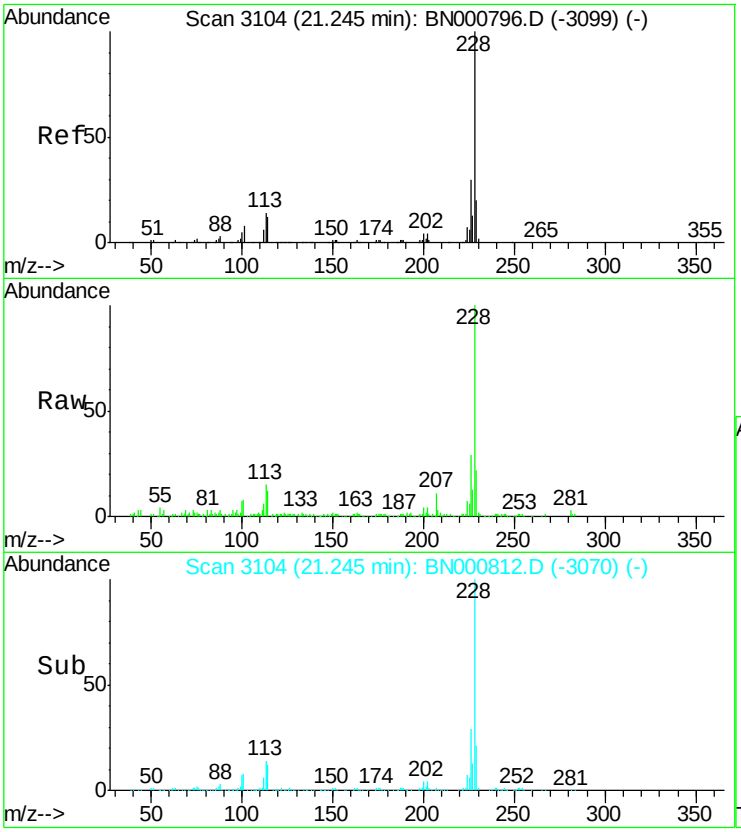


#21
Benzo(a)anthracene
Concen: 4.613 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Tgt Ion:228 Resp: 157059

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	31.0	21.4	32.0



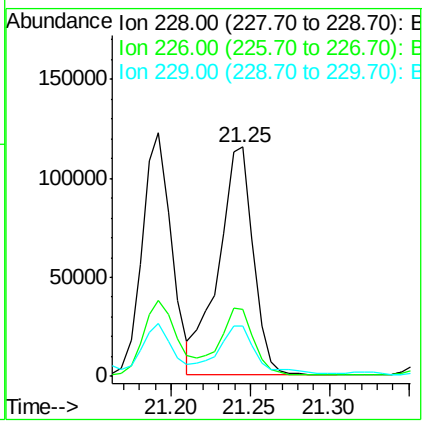


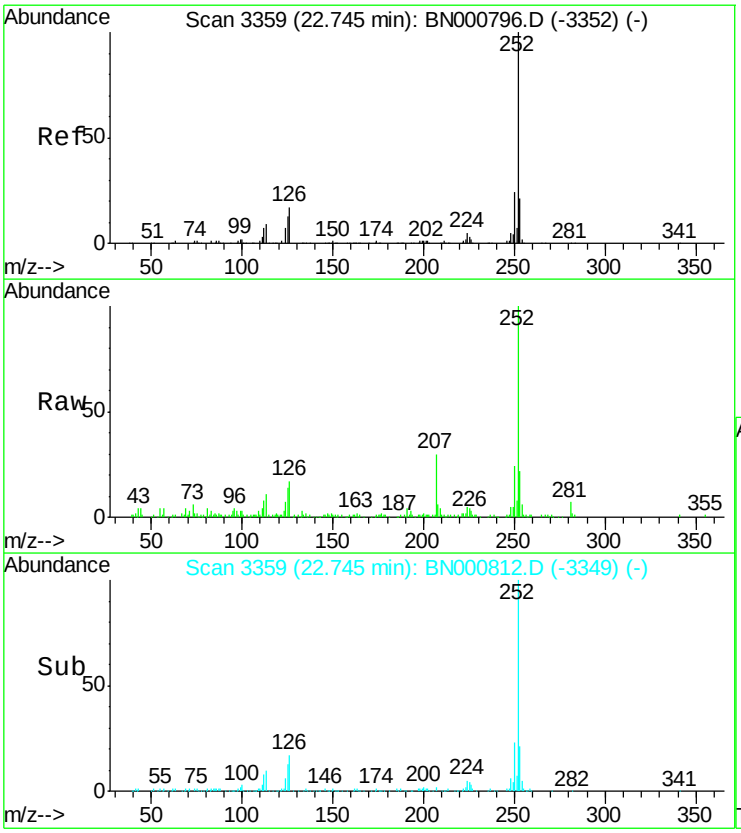
#22
Chrysene
Concen: 5.458 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Instrument :
BNA_N
ClientSampleId :
A3Y16

Tgt Ion:228 Resp: 175727

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	22.0	15.5	23.3

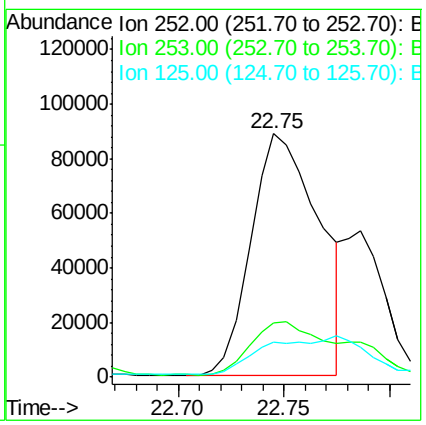


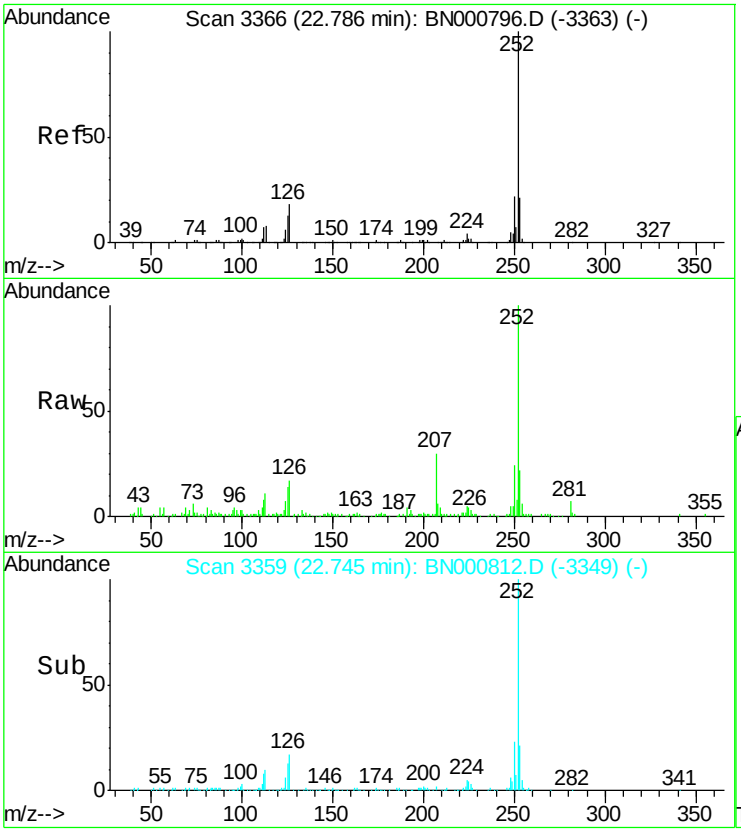


#24
Benzo(b)fluoranthene
Concen: 5.709 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Tgt Ion:252 Resp: 198226

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	14.5	3.6	5.4#



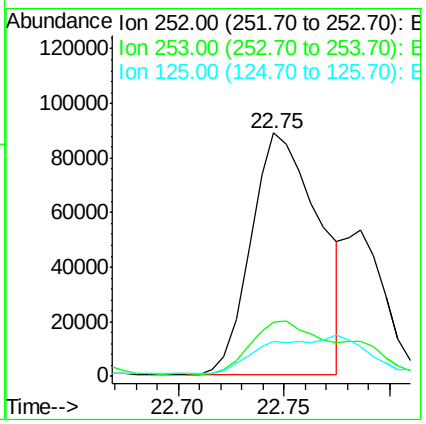


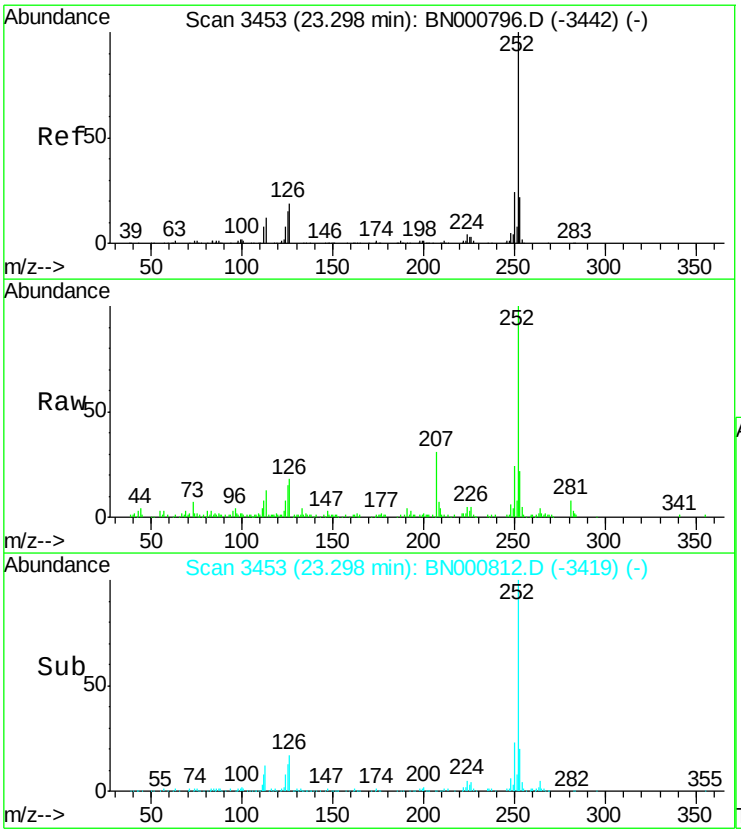
#25
Benzo(k)fluoranthene
Concen: 5.915 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Instrument :
BNA_N
ClientSampleId :
A3Y16

Tgt Ion:252 Resp: 198226

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.5	3.4	5.2#

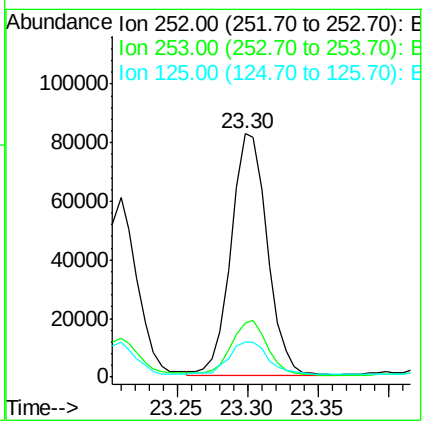


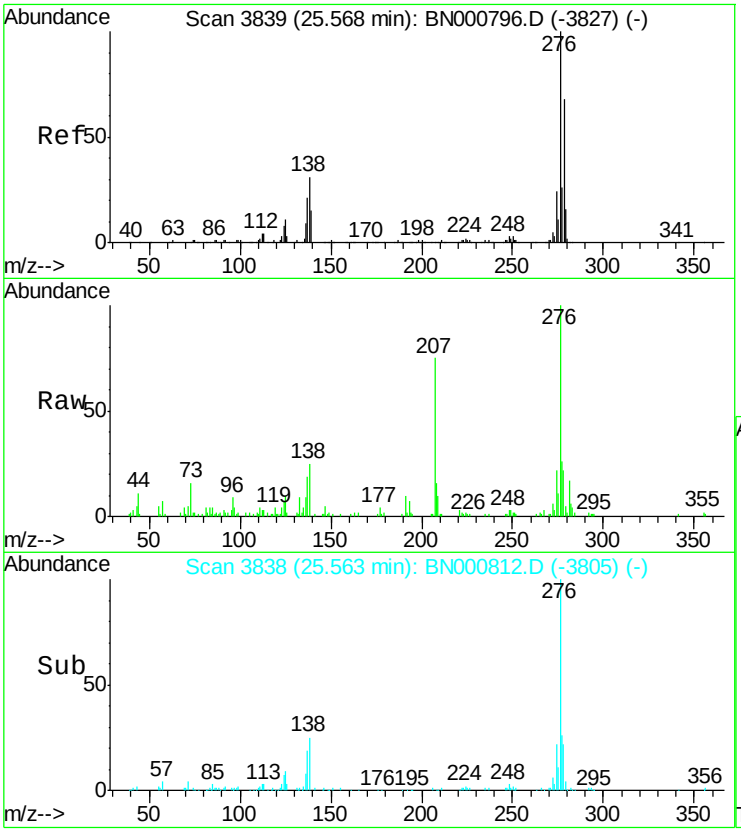


#27
Benzo(a)pyrene
Concen: 4.424 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Tgt Ion:252 Resp: 146978

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	14.5	4.0	6.0#



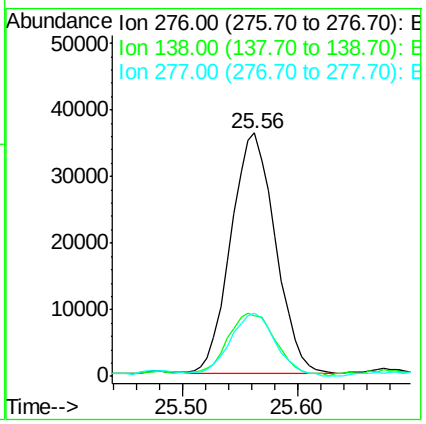


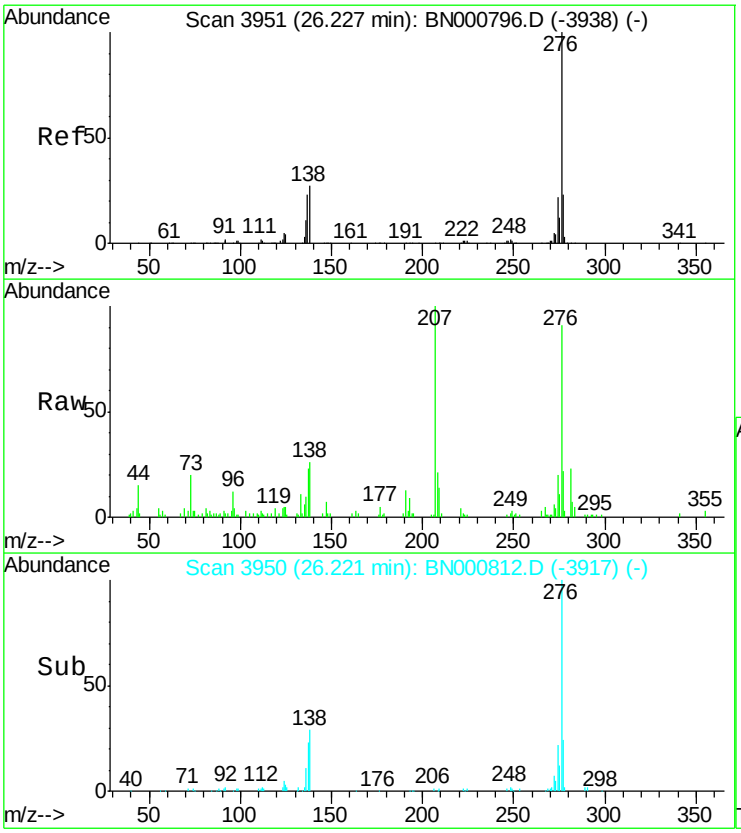
#28
Indeno(1,2,3-cd)pyrene
Concen: 2.612 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.01 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Instrument :
BNA_N
ClientSampleId :
A3Y16

Tgt Ion:276 Resp: 96919

Ion	Ratio	Lower	Upper
276	100		
138	25.1	9.3	13.9#
277	26.0	19.9	29.9





#30
Benzo(g,h,i)perylene
Concen: 2.573 ng/ul
RT: 26.22 min Scan# 3950
Delta R.T. -0.01 min
Lab File: BN000812.D
Acq: 21 Apr 2018 00:47

Tgt Ion:276 Resp: 79061

Ion	Ratio	Lower	Upper
276	100		
138	28.8	8.5	12.7#
277	24.4	18.6	28.0