Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
Data File : BN000974.D
Acq On : 27 Apr 2018 22:25
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 28 03:03:50 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	190083	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	809957	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	401201	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	716779	20.00	ng/ul	0.00
18) Chrysene-d12	21.21	240	588949	20.00	ng/ul	0.00
23) Perylene-d12	23.40	264	618690	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.02	165	248119	21.53	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	817662	21.17	ng/ul	0.00
10) Fluorene-d10	15.25	176	510460	19.73	ng/ul	0.00
15) Anthracene-d10	17.10	188	674354	20.35	ng/ul	0.00
19) Pyrene-d10	19.40	212	627993	21.19	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.27	264	614152	21.05	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.44	128	828347	20.201	ng/ul	100
5) 2-Methylnaphthalene	12.06	142	553556	20.107	ng/ul	95
8) Acenaphthylene	13.97	152	787211	20.576	ng/ul	99
9) Acenaphthene	14.32	153	533799	20.204	ng/ul	99
11) Fluorene	15.31	166	559702	19.747	ng/ul	100
13) Pentachlorophenol	16.66	266	83841	19.358	ng/ul	97
14) Phenanthrene	17.05	178	783748	20.014	ng/ul	99
16) Anthracene	17.14	178	794667	20.069	ng/ul	99
17) Fluoranthene	19.07	202	772505	20.065	ng/ul#	74
20) Pyrene	19.43	202	779919	20.917	ng/ul#	71
21) Benzo(a)anthracene	21.19	228	725728	20.683	ng/ul	99
22) Chrysene	21.24	228	680028	20.492	ng/ul	99
24) Benzo(b)fluoranthene	22.75	252	735770	20.561	ng/ul#	95
25) Benzo(k)fluoranthene	22.80	252	696188	20.156	ng/ul#	96
27) Benzo(a)pyrene	23.31	252	707724	20.667	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	25.59	276	836936	21.885	ng/ul#	85
29) Dibenzo(a,h)anthracene	25.60	278	697725	21.815	ng/ul#	91
30) Benzo(g,h,i)perylene	26.26	276	693707	21.906	ng/ul#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
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Acq On : 27 Apr 2018 22:25
Operator : JU/SJ
Sample : SSTDCCC020
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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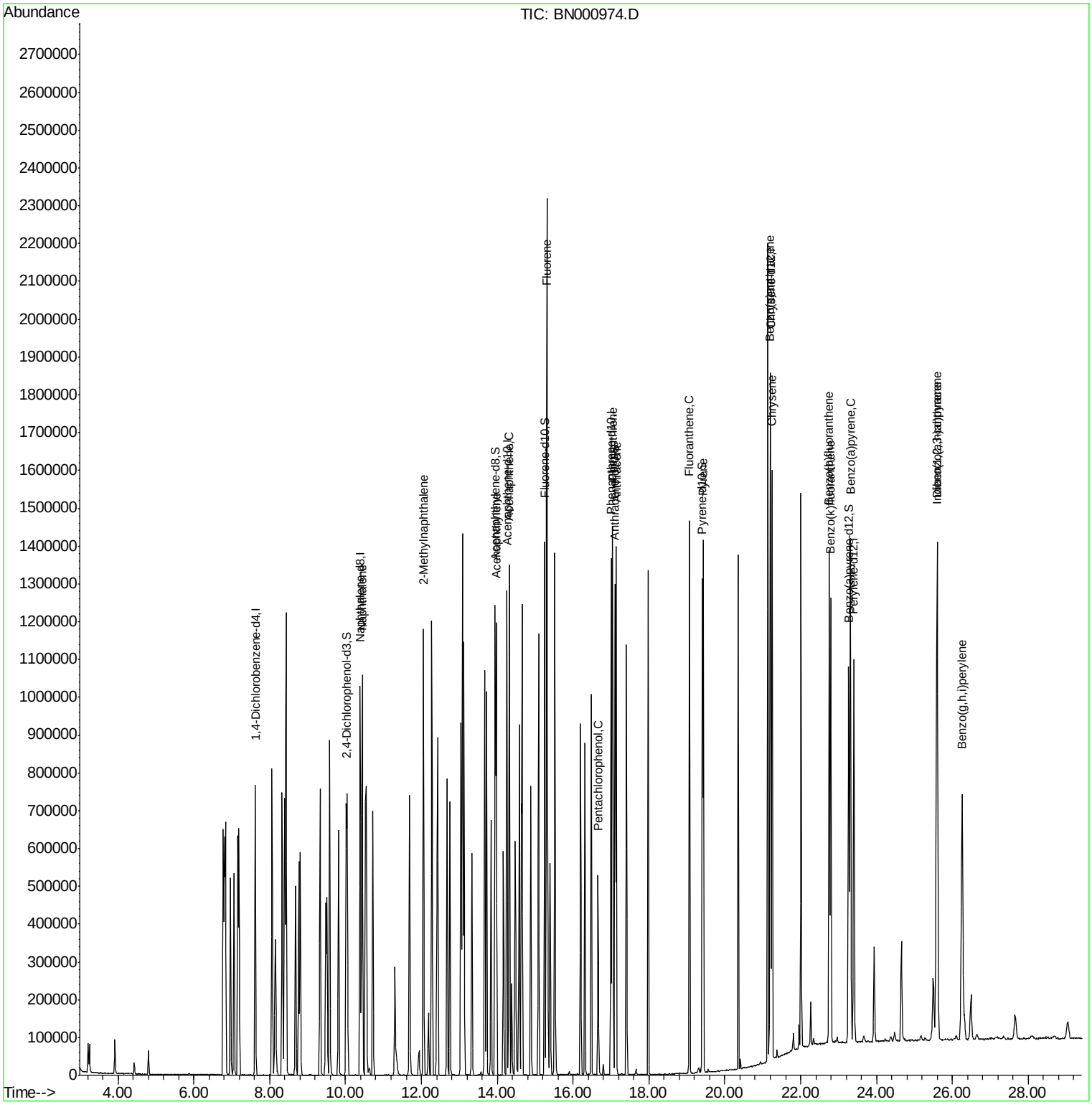
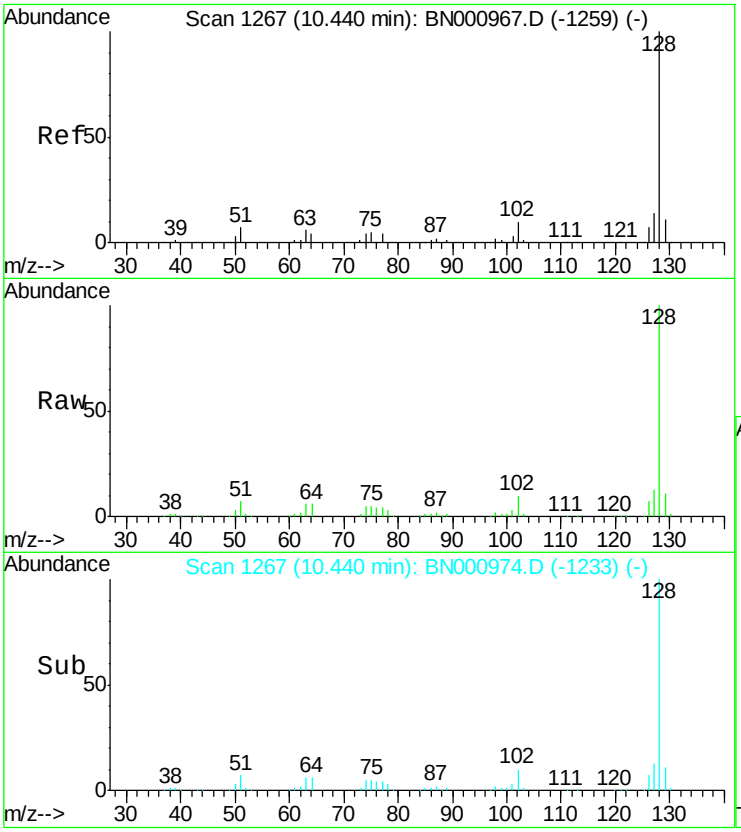


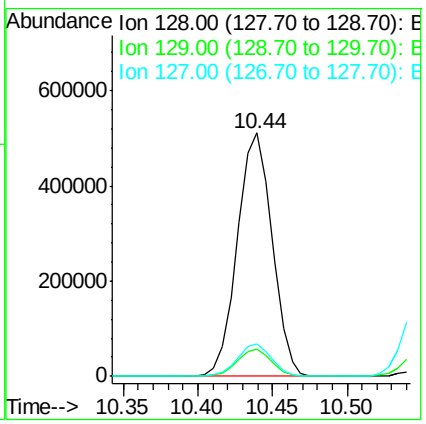


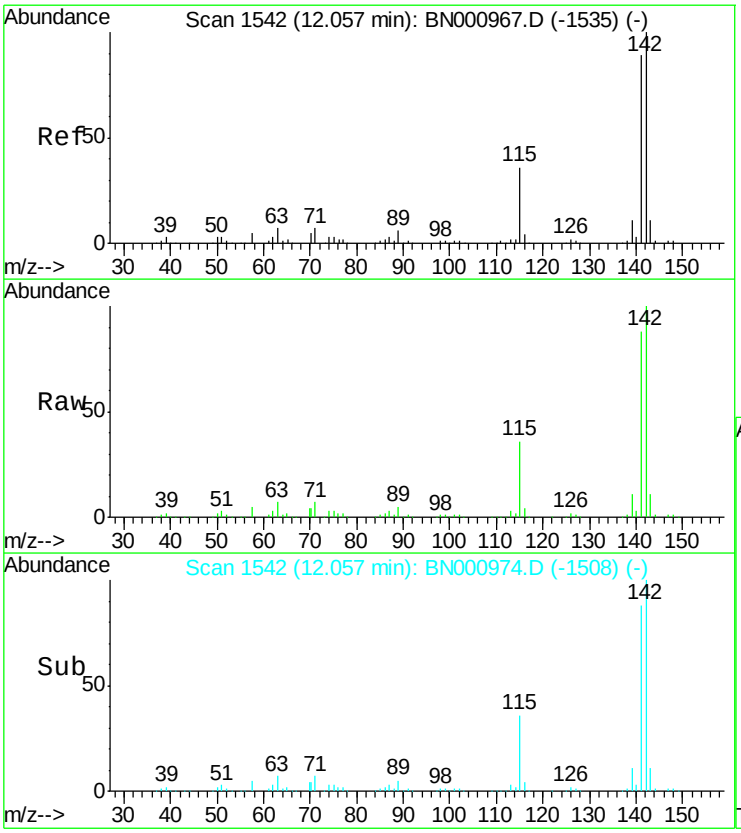
#4
Naphthalene
Concen: 20.201 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 828347

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

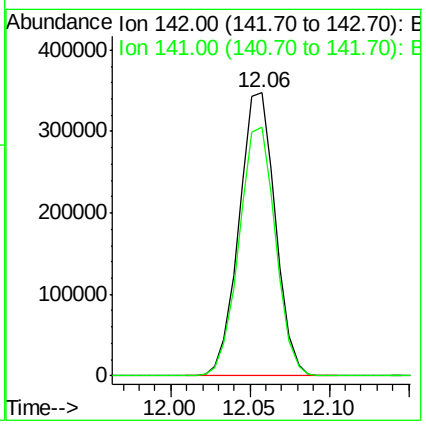


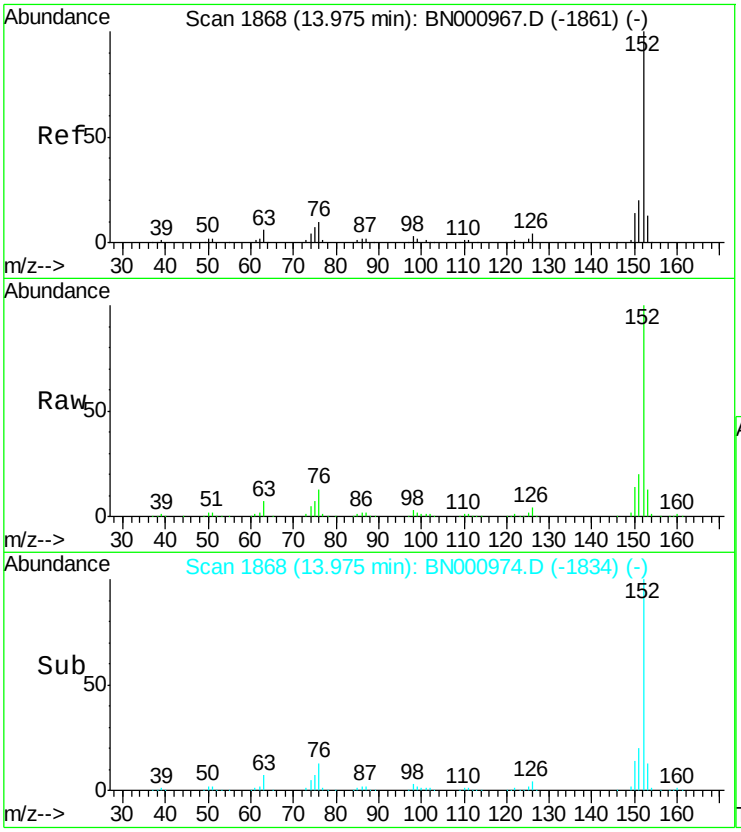


#5
2-Methylnaphthalene
Concen: 20.107 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:142 Resp: 553556

Ion	Ratio	Lower	Upper
142	100		
141	88.0	74.1	111.1



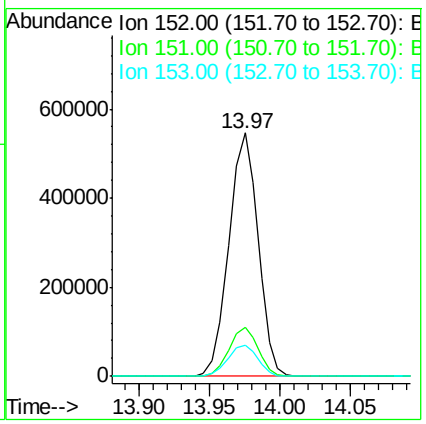


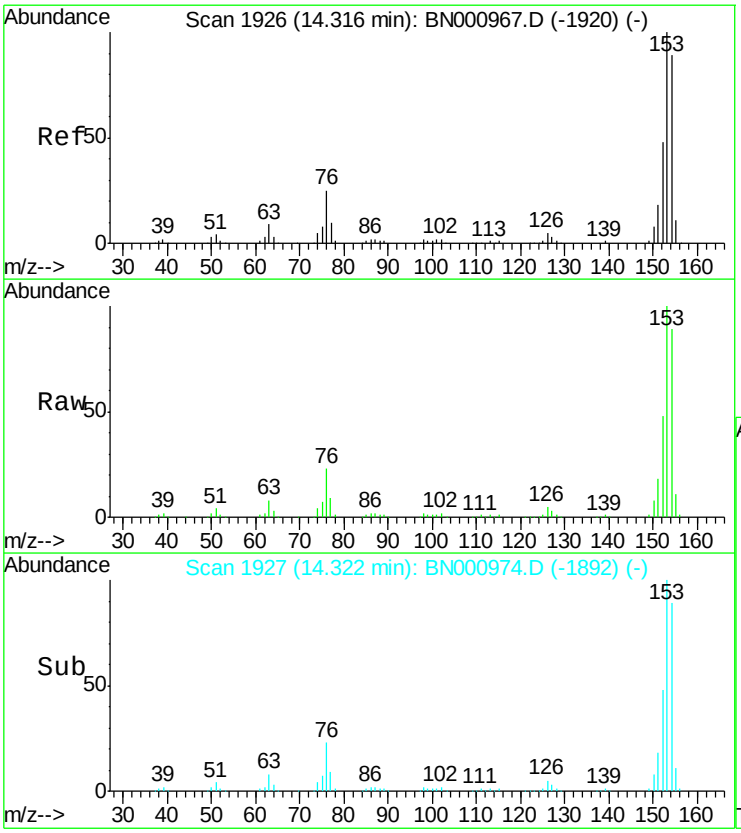
#8
Acenaphthylene
Concen: 20.576 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 787211

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.0	10.2	15.4

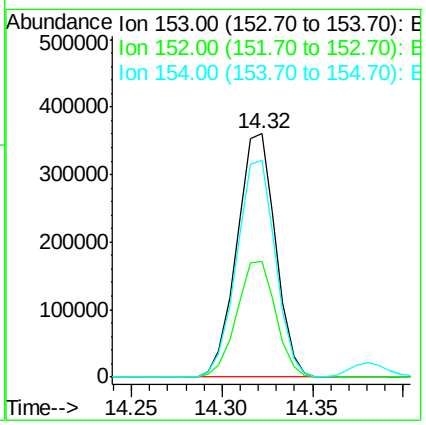


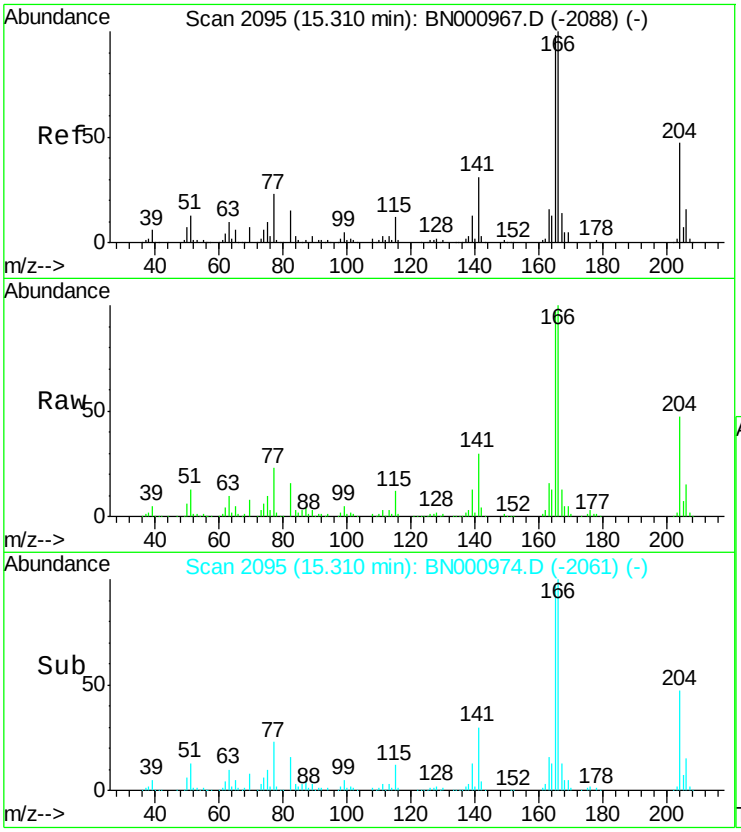


#9
Acenaphthene
Concen: 20.204 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:153 Resp: 533799

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	88.8	70.4	105.6



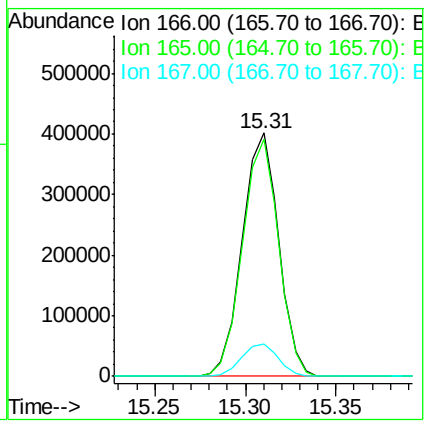


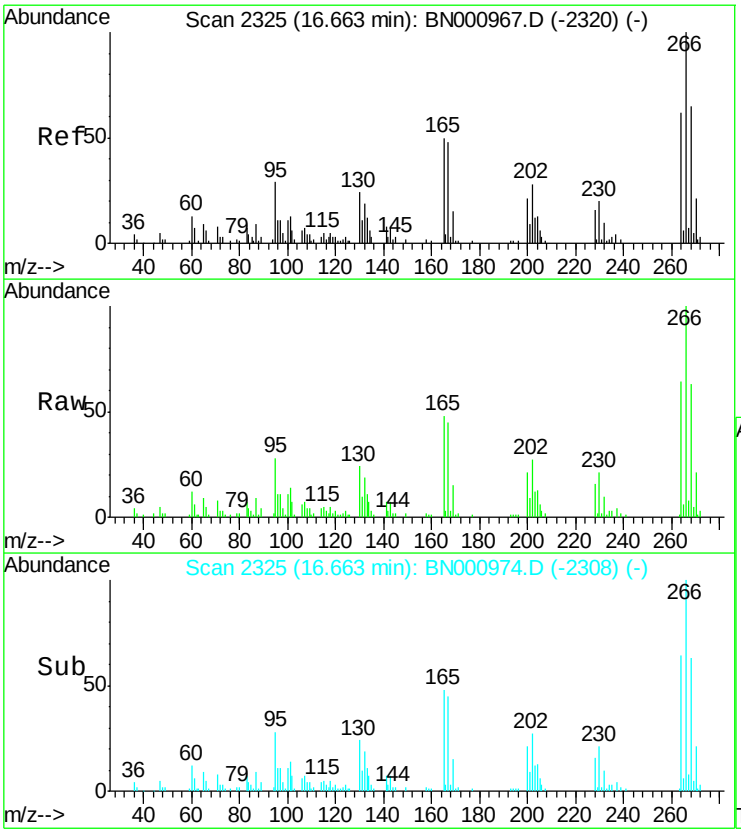
#11
Fluorene
Concen: 19.747 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 559702

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.5	10.6	16.0

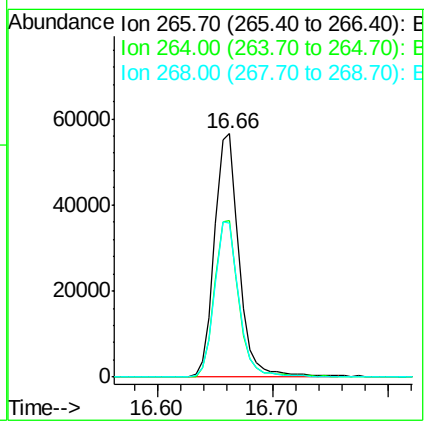


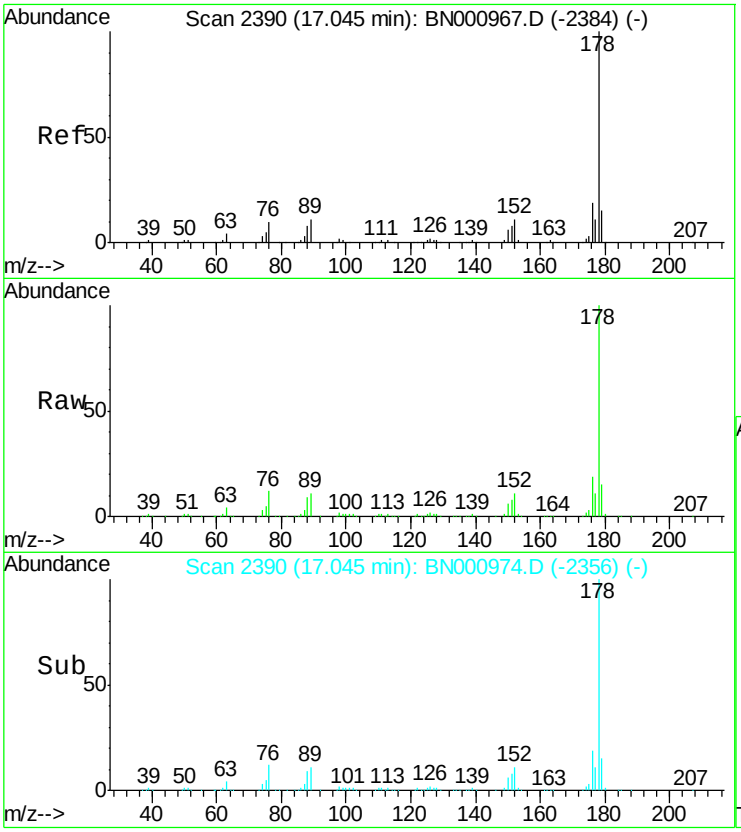


#13
Pentachlorophenol
Concen: 19.358 ng/ul
RT: 16.66 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:266 Resp: 83841

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.3	73.9
268	63.4	52.6	78.8



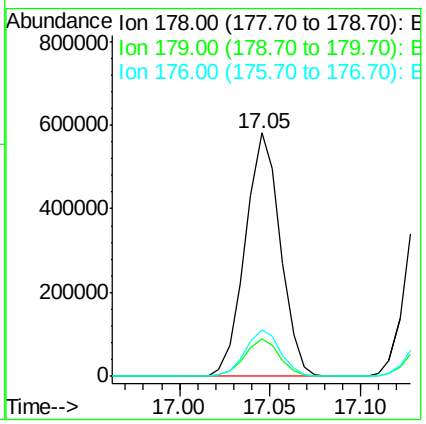


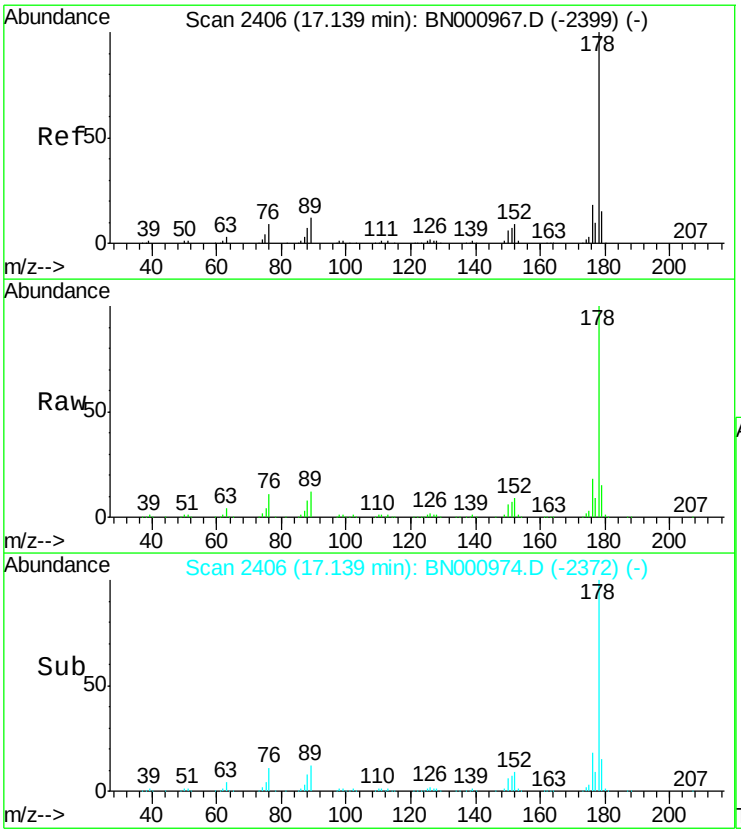
#14
Phenanthrene
Concen: 20.014 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 783748

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.3	14.9	22.3

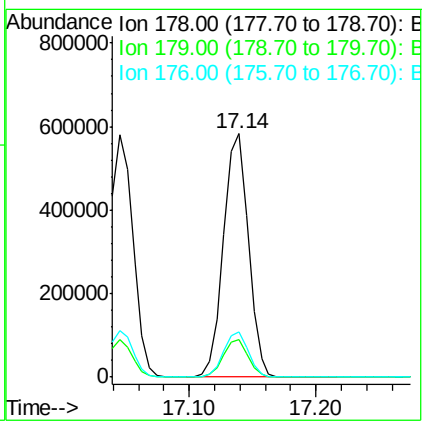


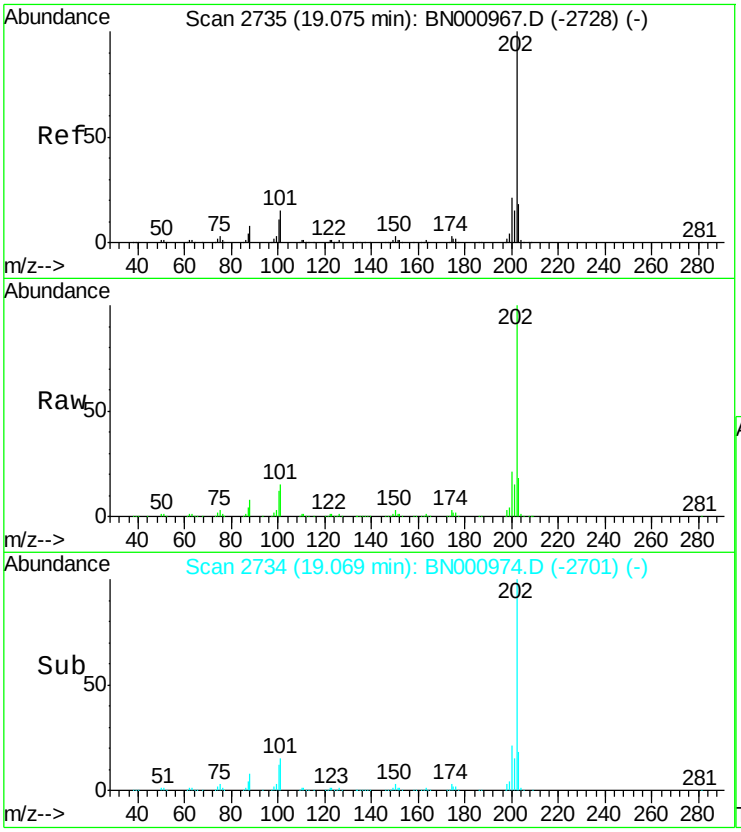


#16
Anthracene
Concen: 20.069 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:178 Resp: 794667

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	18.4	14.6	21.8



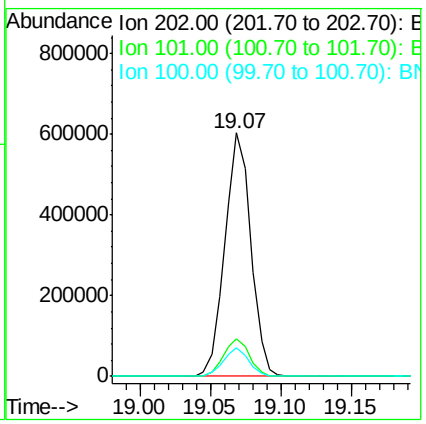


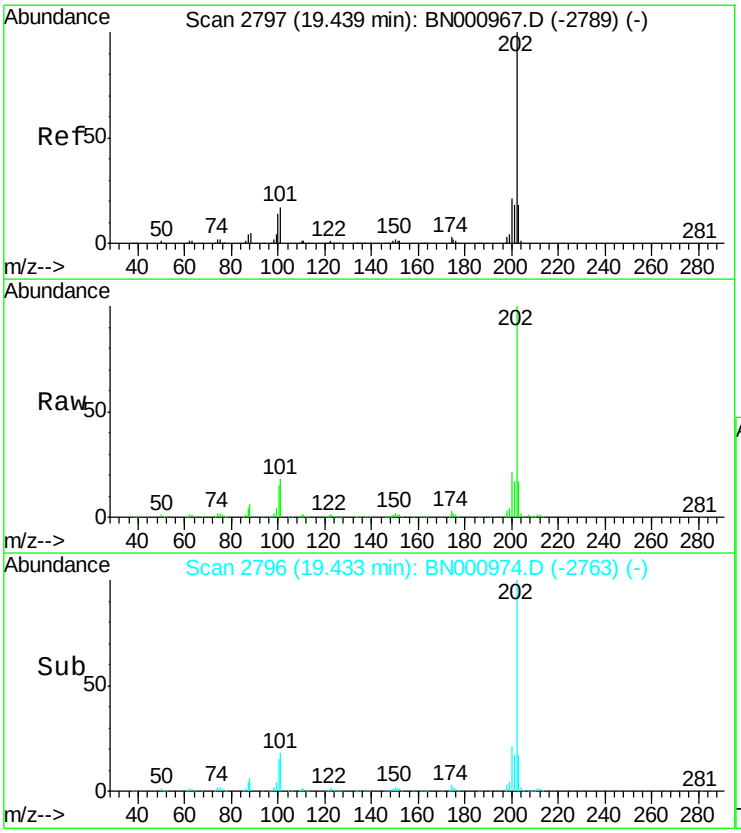
#17
Fluoranthene
Concen: 20.065 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 772505

Ion	Ratio	Lower	Upper
202	100		
101	15.3	4.6	7.0#
100	11.7	3.4	5.2#

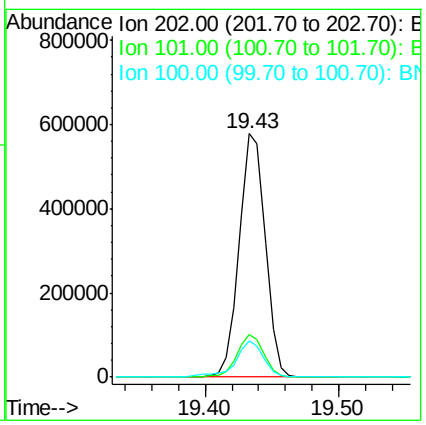


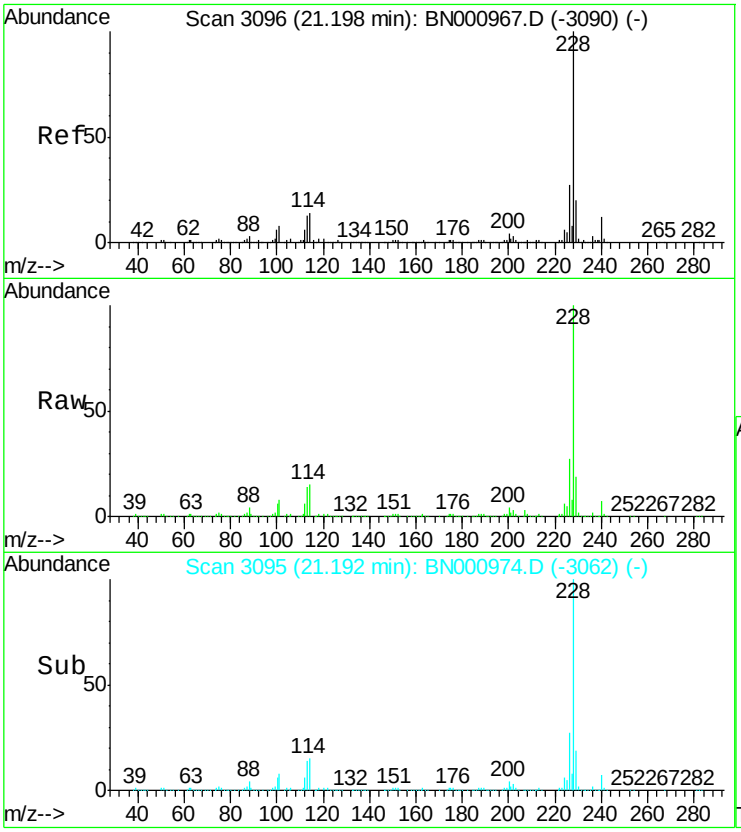


#20
Pyrene
Concen: 20.917 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:202 Resp: 779919

Ion	Ratio	Lower	Upper
202	100		
101	17.6	5.1	7.7#
100	14.8	4.9	7.3#



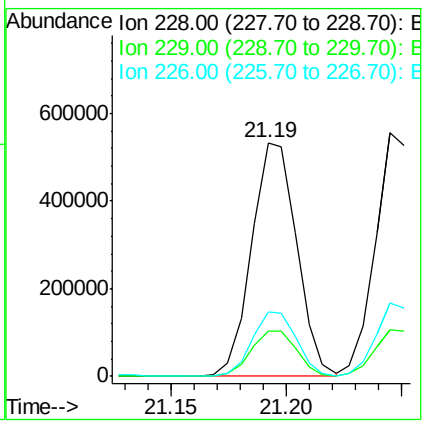


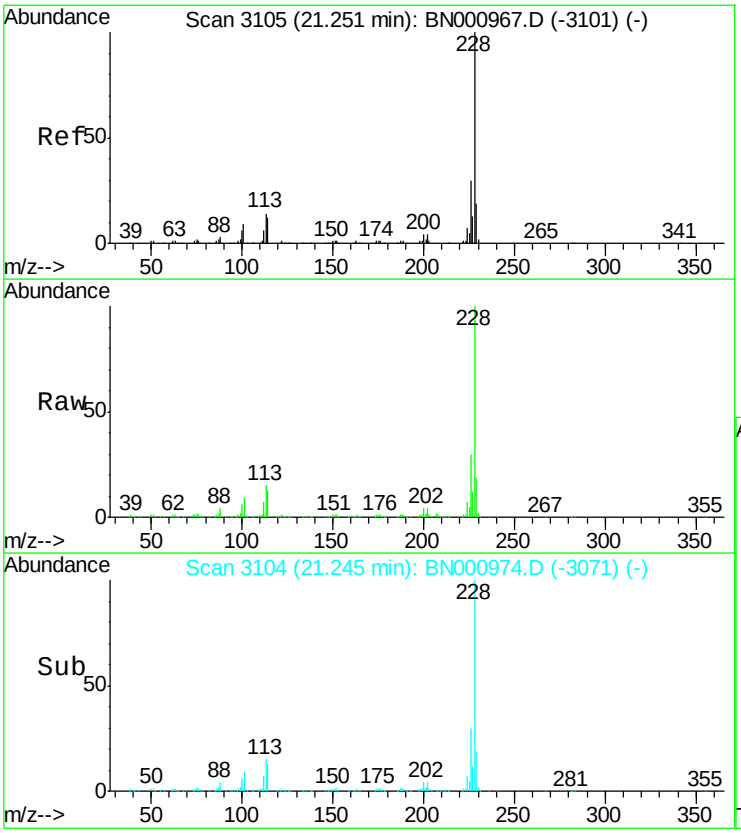
#21
Benzo(a)anthracene
Concen: 20.683 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 725728

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	27.4	21.4	32.0

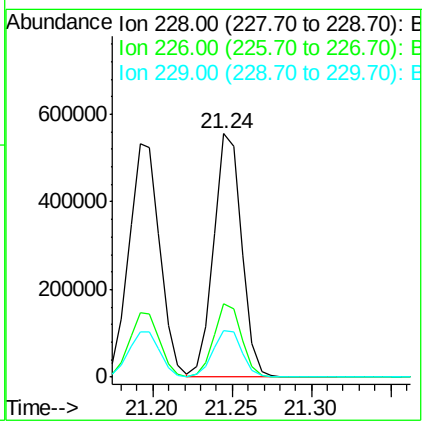


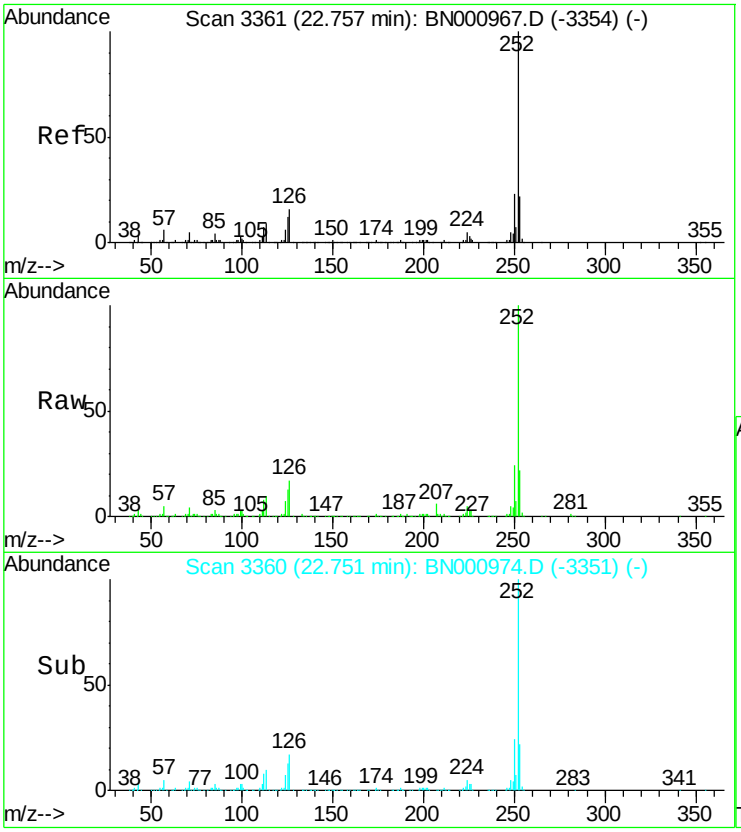


#22
Chrysene
Concen: 20.492 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:228 Resp: 680028

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.2	15.5	23.3



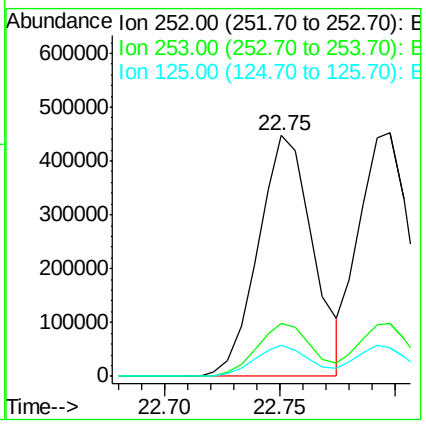


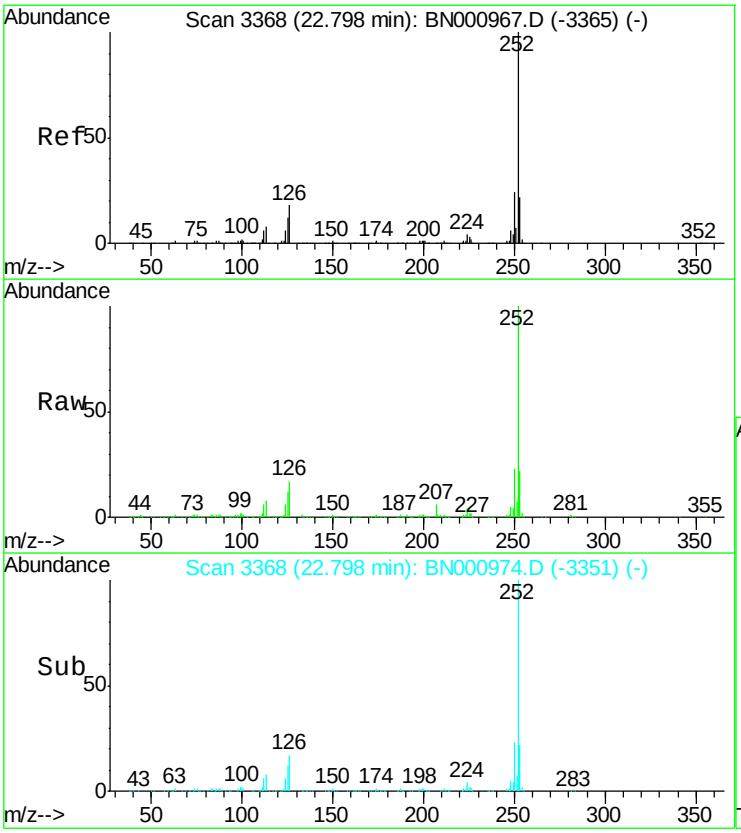
#24
Benzo(b)fluoranthene
Concen: 20.561 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 735770

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.1	3.6	5.4#

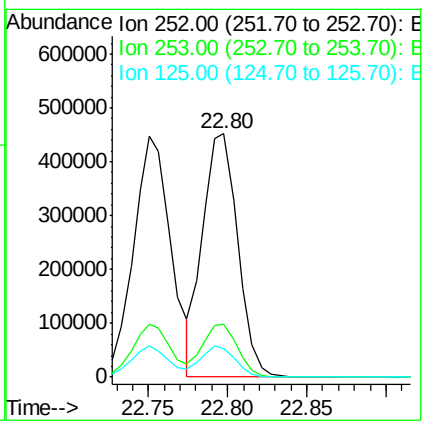


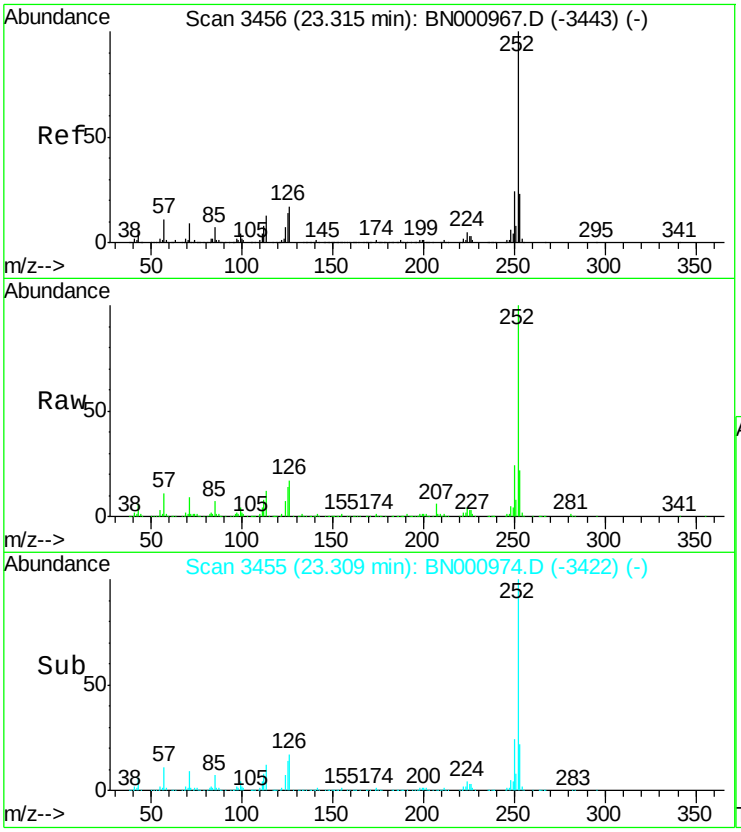


#25
Benzo(k)fluoranthene
Concen: 20.156 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:252 Resp: 696188

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.9	3.4	5.2#



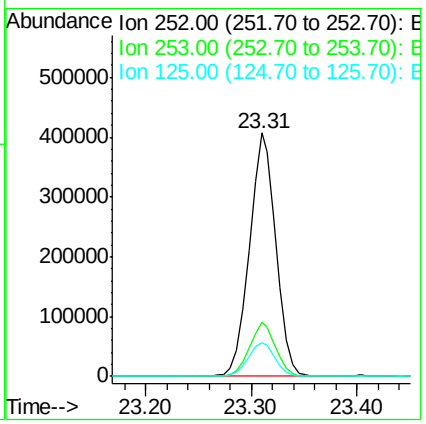


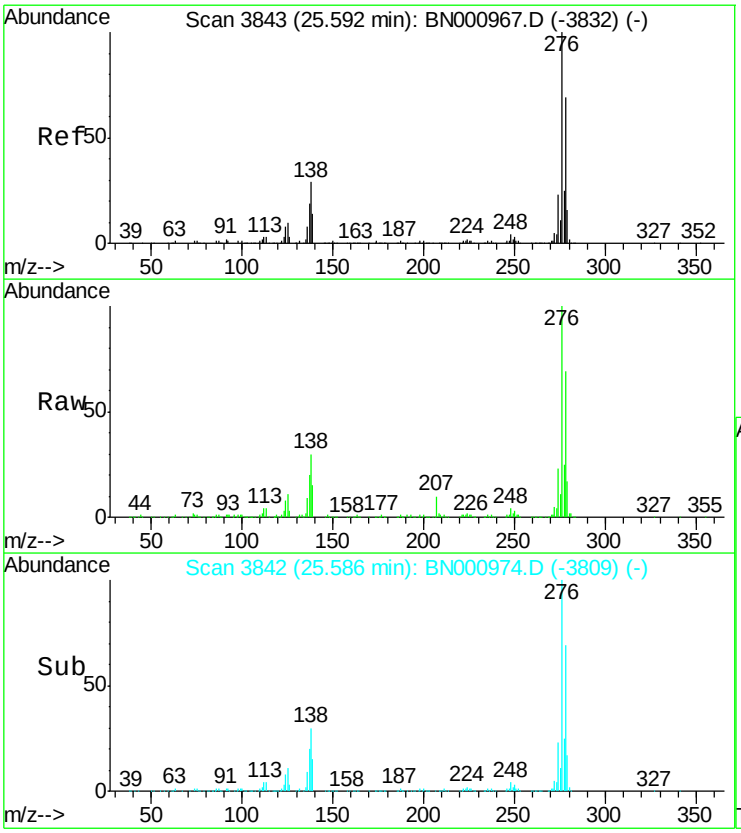
#27
Benzo(a)pyrene
Concen: 20.667 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 707724

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	13.9	4.0	6.0#

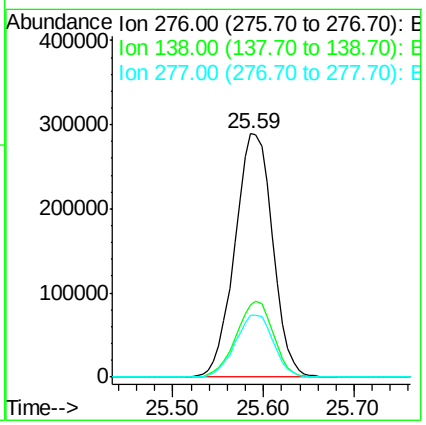


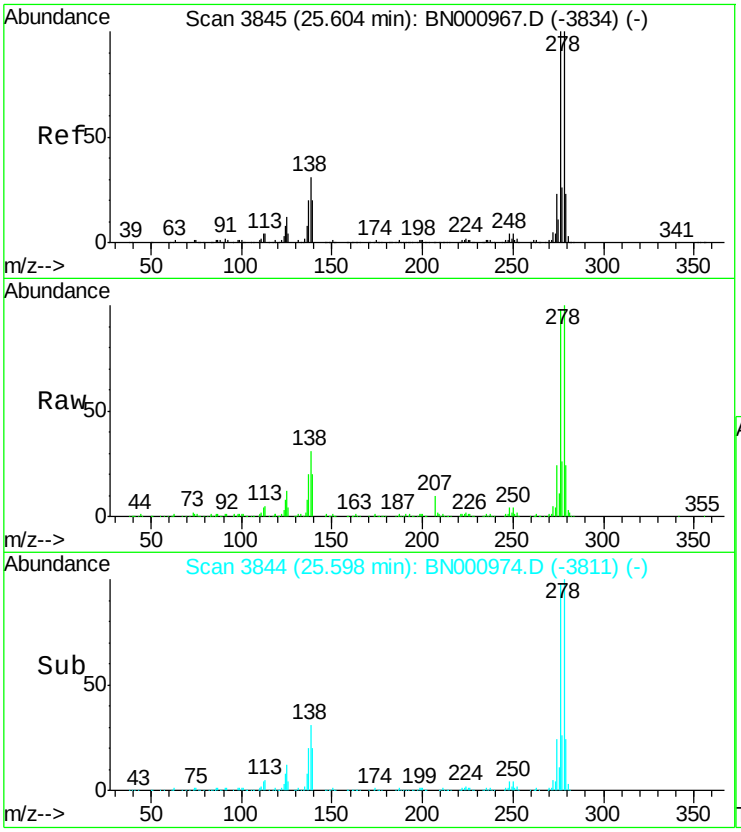


#28
Indeno(1,2,3-cd)pyrene
Concen: 21.885 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:276 Resp: 836936

Ion	Ratio	Lower	Upper
276	100		
138	29.6	9.3	13.9#
277	25.2	19.9	29.9



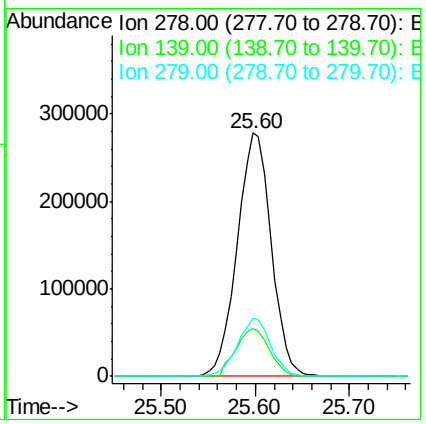


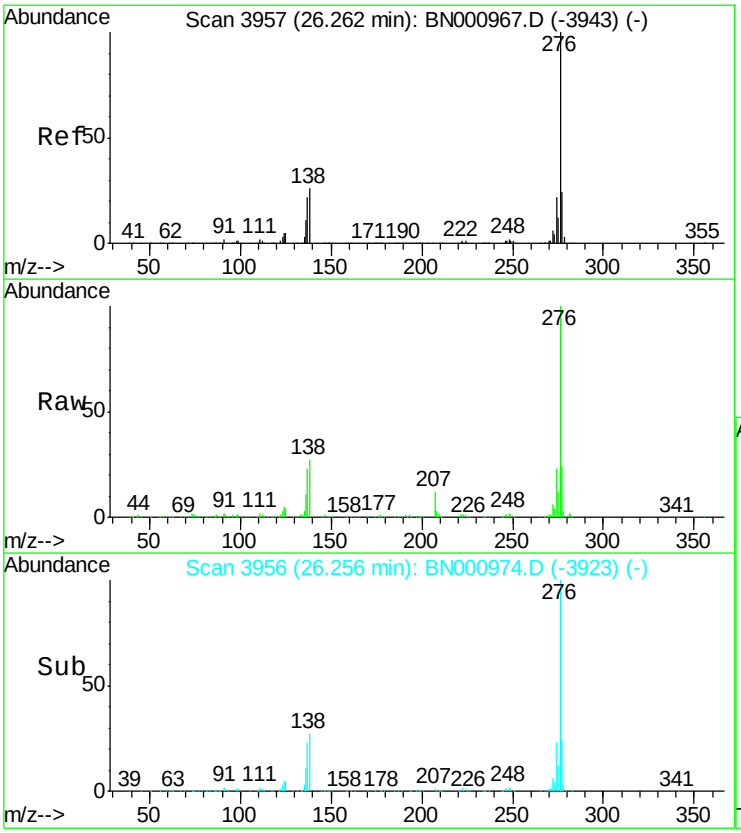
#29
Dibenzo(a,h)anthracene
Concen: 21.815 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 697725

Ion	Ratio	Lower	Upper
278	100		
139	19.6	5.8	8.8#
279	23.8	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 21.906 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BN000974.D
Acq: 27 Apr 2018 22:25

Tgt Ion:276 Resp: 693707

Ion	Ratio	Lower	Upper
276	100		
138	26.5	8.5	12.7#
277	24.2	18.6	28.0