Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
Data File : BN000967.D
Acq On : 27 Apr 2018 15:01
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 28 02:45:33 2018
Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 00:59:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	142138	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	564167	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	267057	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	522599	20.00	ng/ul	0.00
18) Chrysene-d12	21.22	240	518458	20.00	ng/ul	0.01
23) Perylene-d12	23.41	264	550334	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.02	165	169914	21.17	ng/ul	0.00
7) Acenaphthylene-d8	13.95	160	544686	21.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	344683	20.01	ng/ul	0.00
15) Anthracene-d10	17.10	188	498341	20.63	ng/ul	0.00
19) Pyrene-d10	19.41	212	527123	20.20	ng/ul	0.01
26) Benzo(a)pyrene-d12	23.27	264	540108	20.81	ng/ul	0.02
Target Compounds						Qvalue
4) Naphthalene	10.44	128	578534	20.256	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	369475	19.268	ng/ul	96
8) Acenaphthylene	13.97	152	529307	20.784	ng/ul	99
9) Acenaphthene	14.32	153	358207	20.368	ng/ul	98
11) Fluorene	15.31	166	380770	20.182	ng/ul	99
13) Pentachlorophenol	16.66	266	60849	19.269	ng/ul	99
14) Phenanthrene	17.05	178	577827	20.238	ng/ul	99
16) Anthracene	17.14	178	590680	20.460	ng/ul	99
17) Fluoranthene	19.07	202	634873	22.618	ng/ul#	76
20) Pyrene	19.44	202	645473	19.665	ng/ul#	72
21) Benzo(a)anthracene	21.20	228	636355	20.602	ng/ul	99
22) Chrysene	21.25	228	592667	20.288	ng/ul	99
24) Benzo(b)fluoranthene	22.76	252	658648	20.692	ng/ul#	95
25) Benzo(k)fluoranthene	22.80	252	595530	19.383	ng/ul#	95
27) Benzo(a)pyrene	23.32	252	622430	20.434	ng/ul#	95
28) Indeno(1,2,3-cd)pyrene	25.59	276	730362	21.470	ng/ul#	85
29) Dibenzo(a,h)anthracene	25.60	278	610396	21.455	ng/ul#	91
30) Benzo(g,h,i)perylene	26.26	276	615641	21.856	ng/ul#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042718\
Data File : BN000967.D
Acq On : 27 Apr 2018 15:01
Operator : JU/SJ
Sample : SSTDCCC020
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ALS Vial : 2 Sample Multiplier: 1

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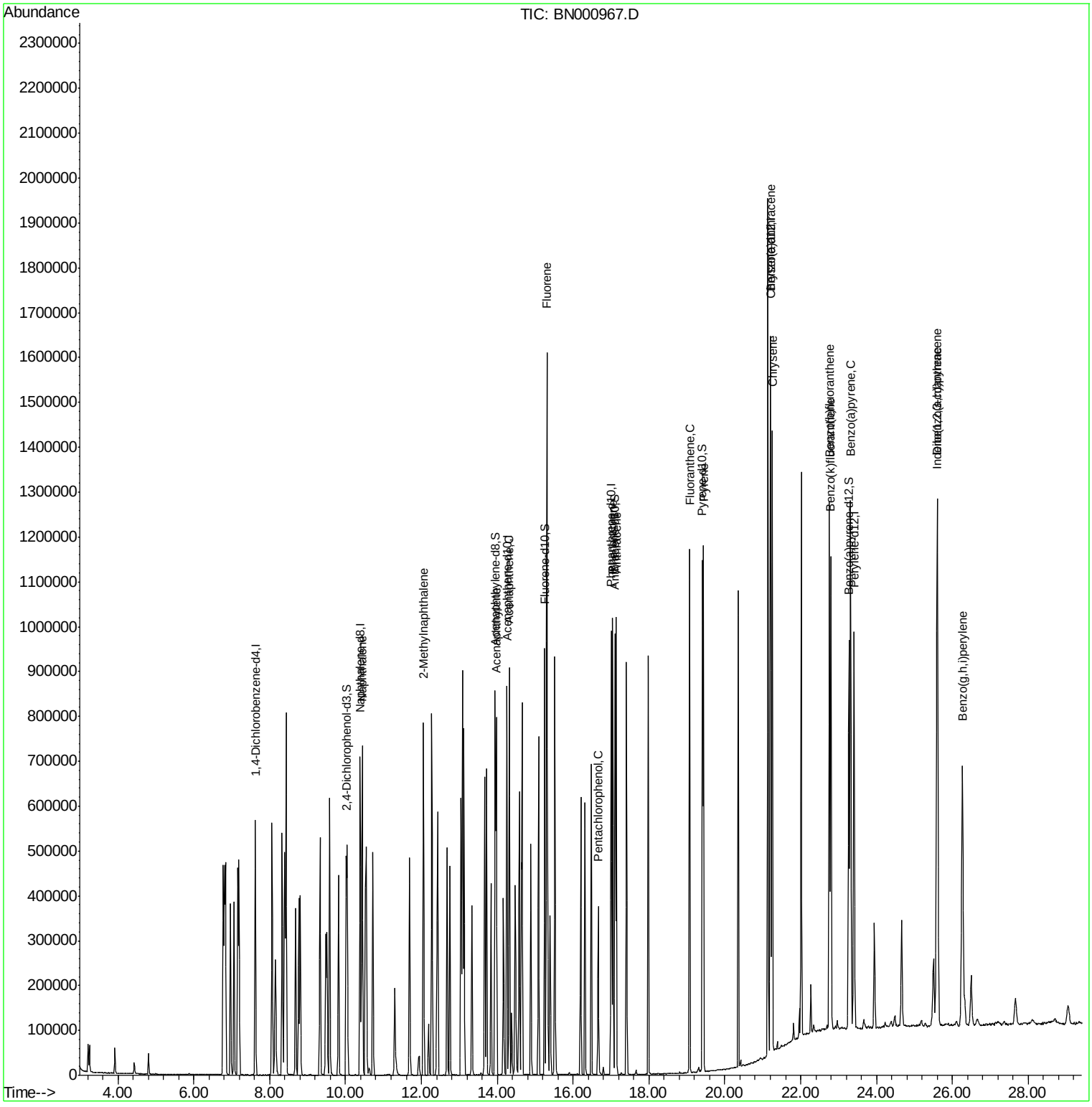
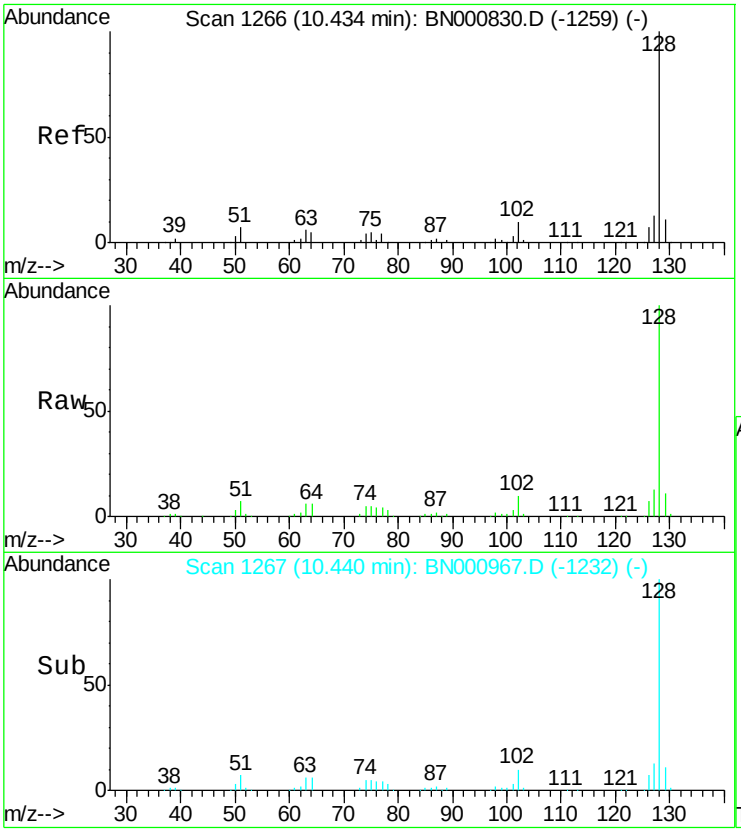


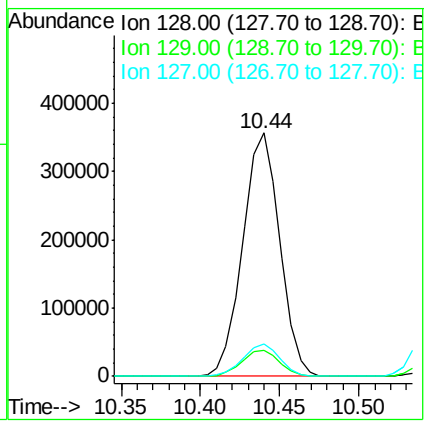


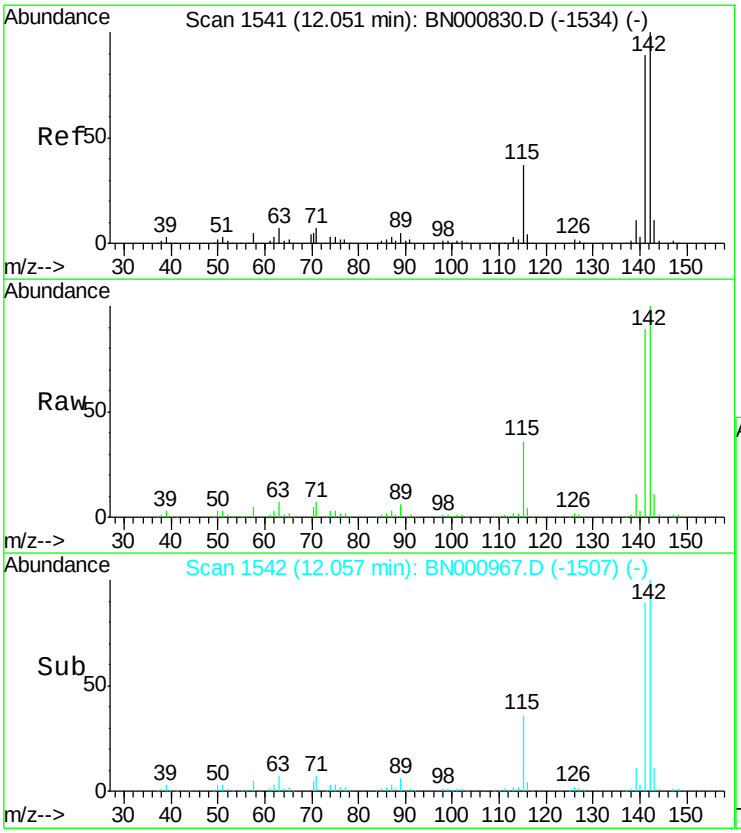
#4
Naphthalene
Concen: 20.256 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 578534

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.6	16.0

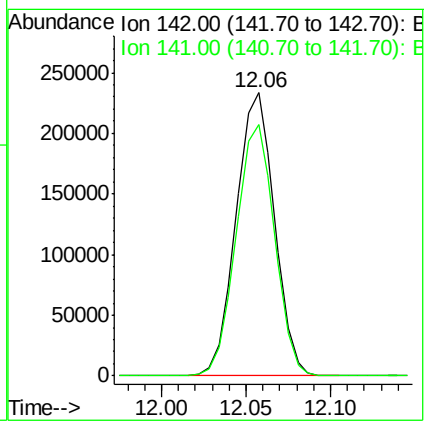


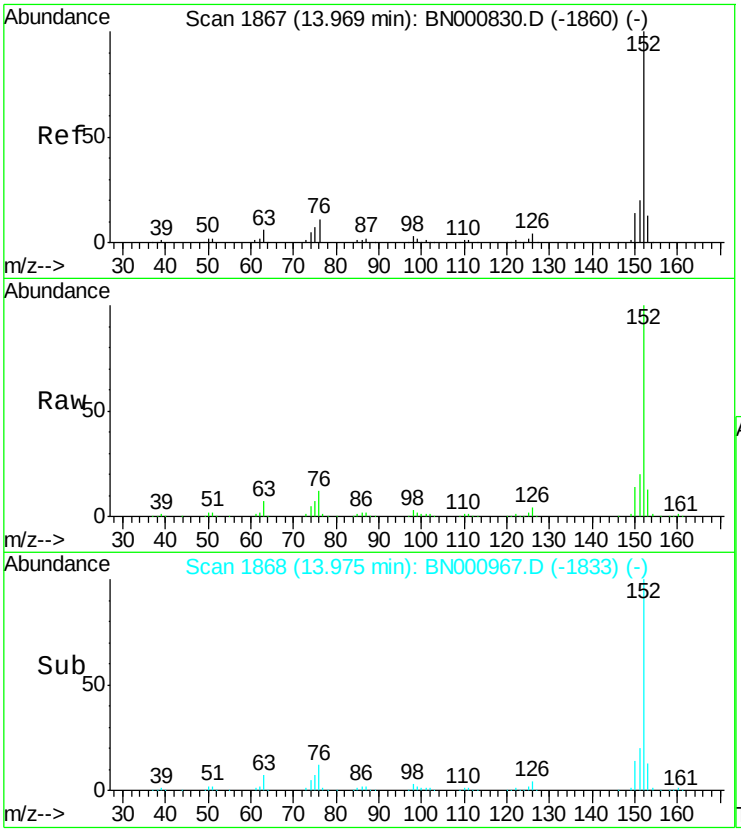


#5
2-Methylnaphthalene
Concen: 19.268 ng/ul
RT: 12.06 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:142 Resp: 369475

Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.1	111.1



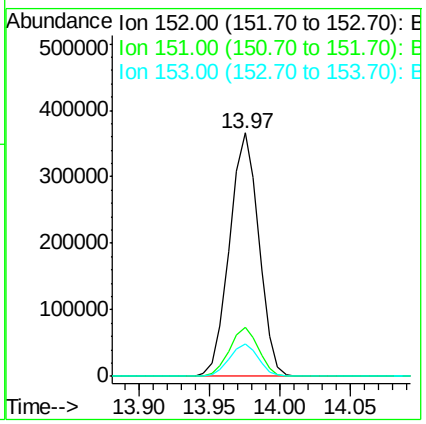


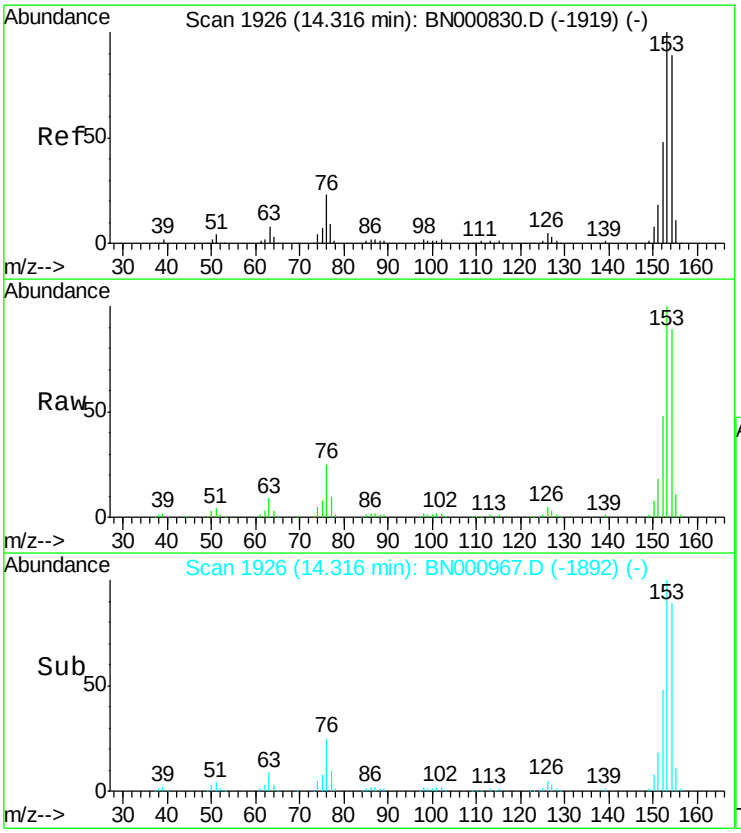
#8
Acenaphthylene
Concen: 20.784 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 529307

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.2	10.2	15.4

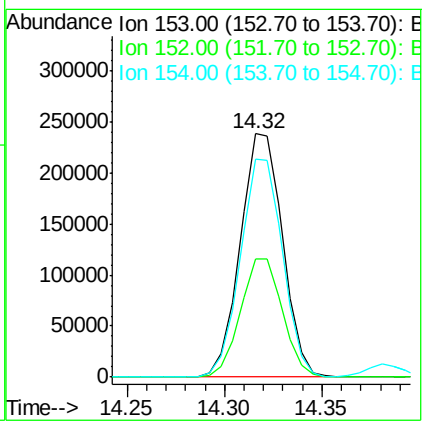


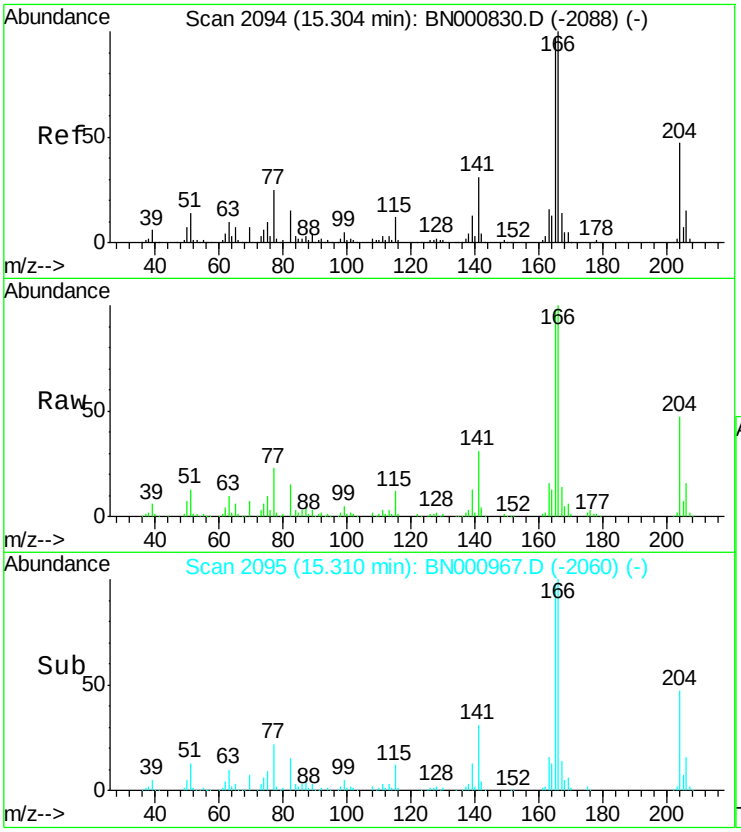


#9
Acenaphthene
Concen: 20.368 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:153 Resp: 358207

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.6	56.4
154	89.3	70.4	105.6



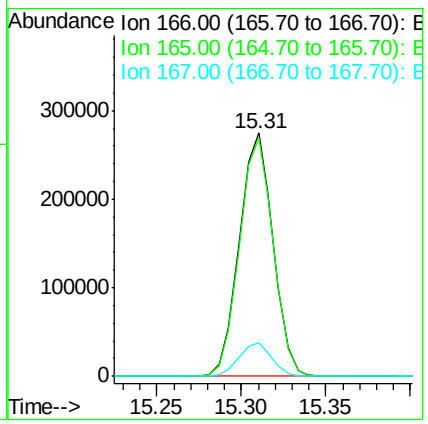


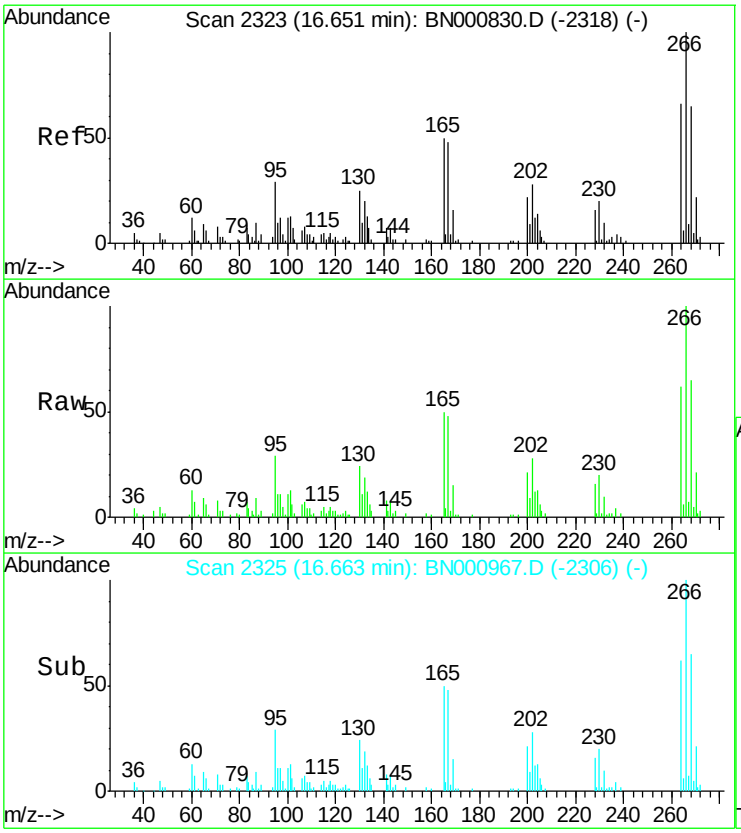
#11
Fluorene
Concen: 20.182 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 380770

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.6	10.6	16.0

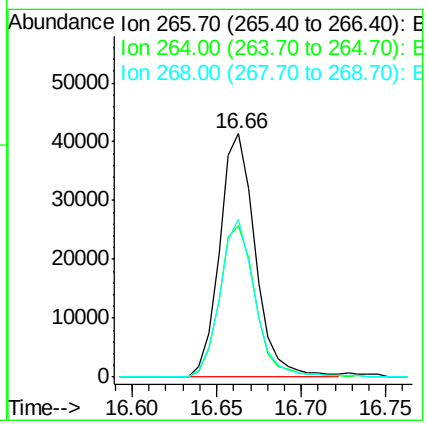


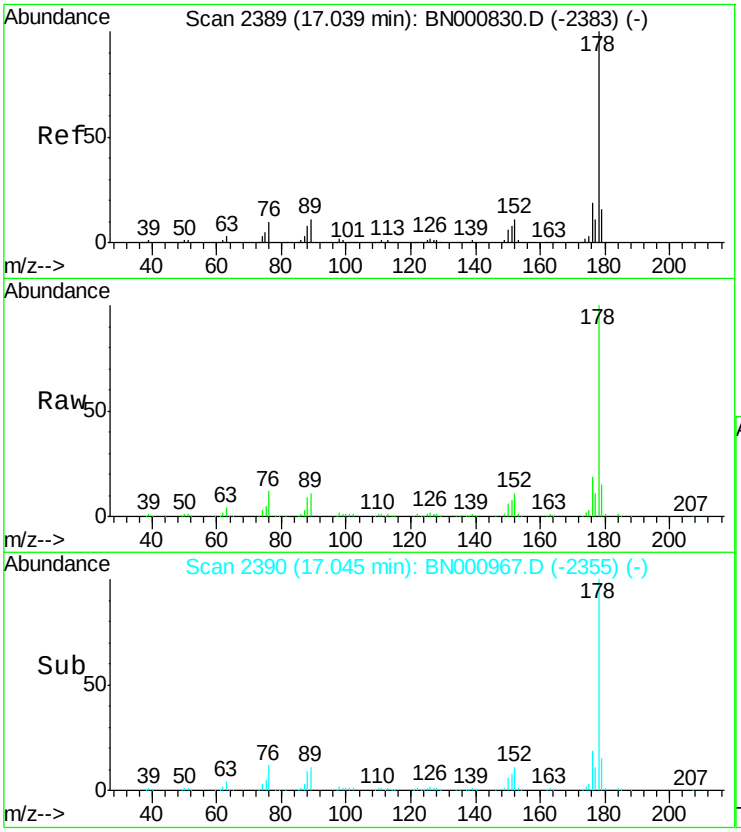


#13
Pentachlorophenol
Concen: 19.269 ng/ul
RT: 16.66 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:266 Resp: 60849

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.3	73.9
268	65.0	52.6	78.8



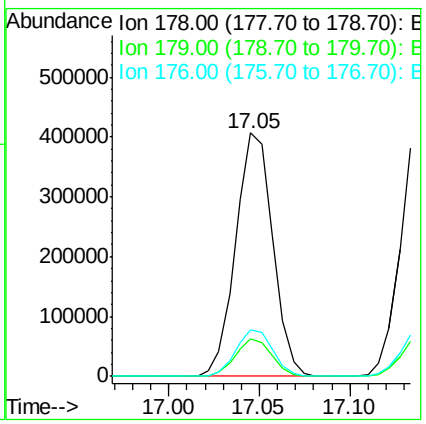


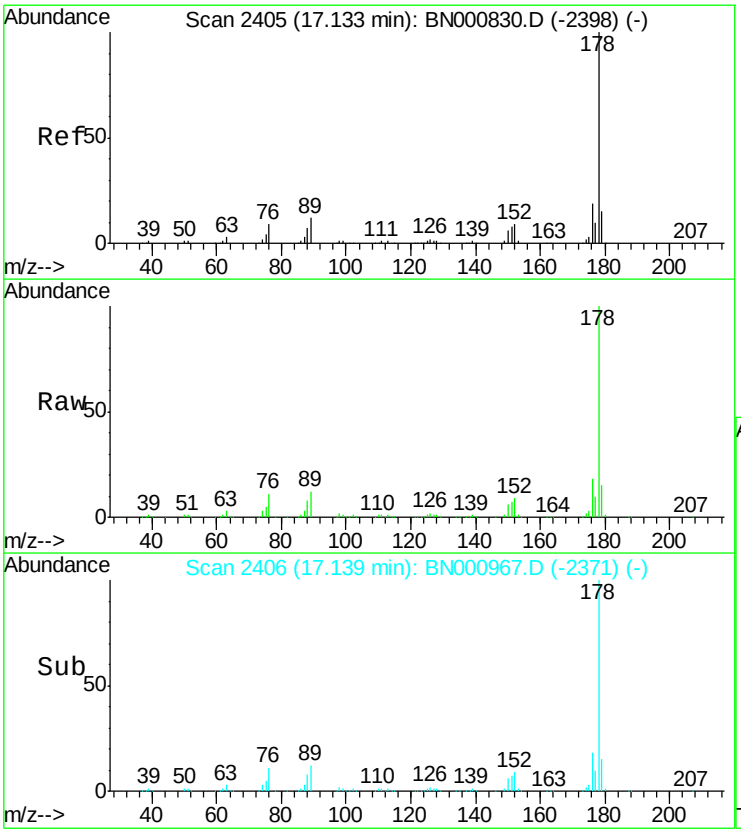
#14
Phenanthrene
Concen: 20.238 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 577827

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.9	14.9	22.3

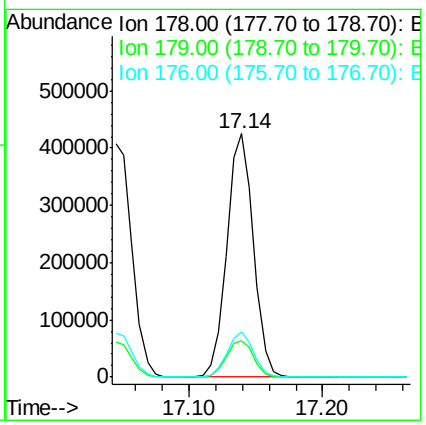


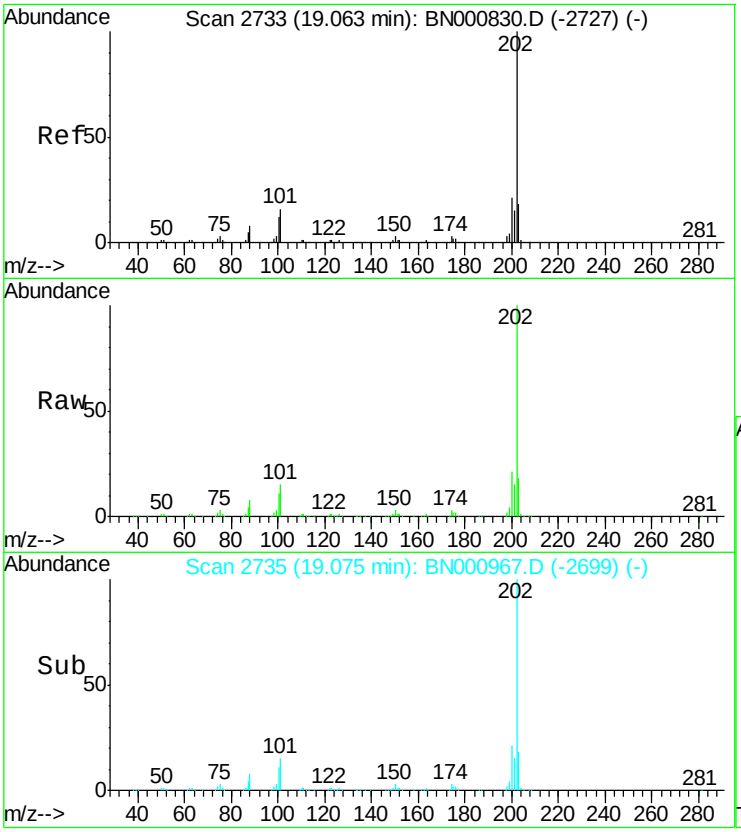


#16
Anthracene
Concen: 20.460 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:178 Resp: 590680

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.5	14.6	21.8



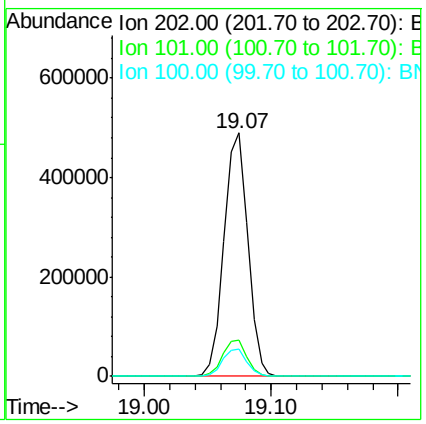


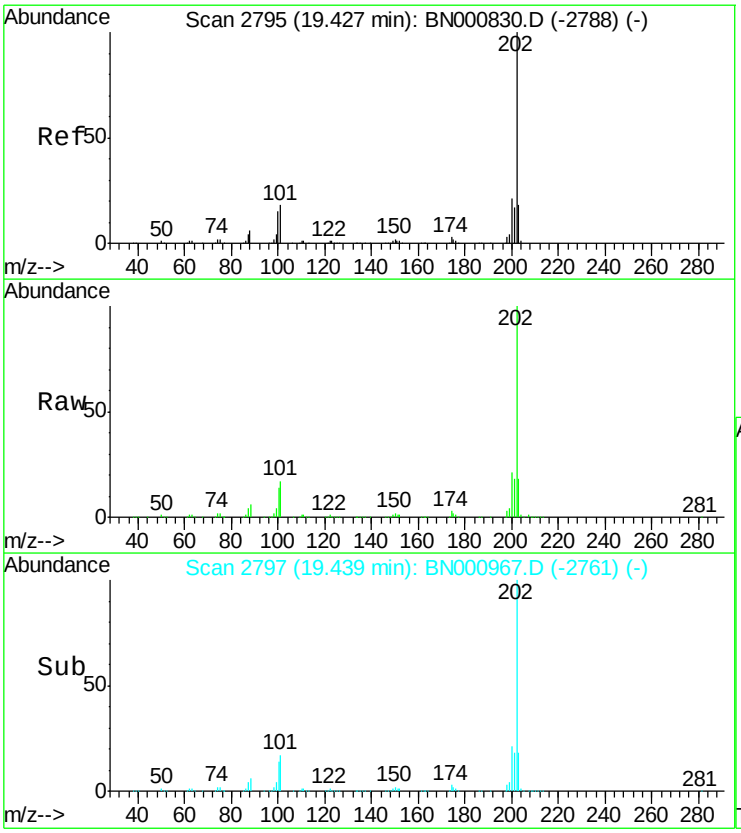
#17
Fluoranthene
Concen: 22.618 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 634873

Ion	Ratio	Lower	Upper
202	100		
101	14.8	4.6	7.0#
100	11.1	3.4	5.2#

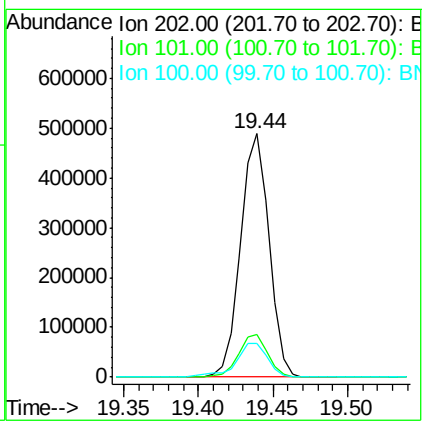


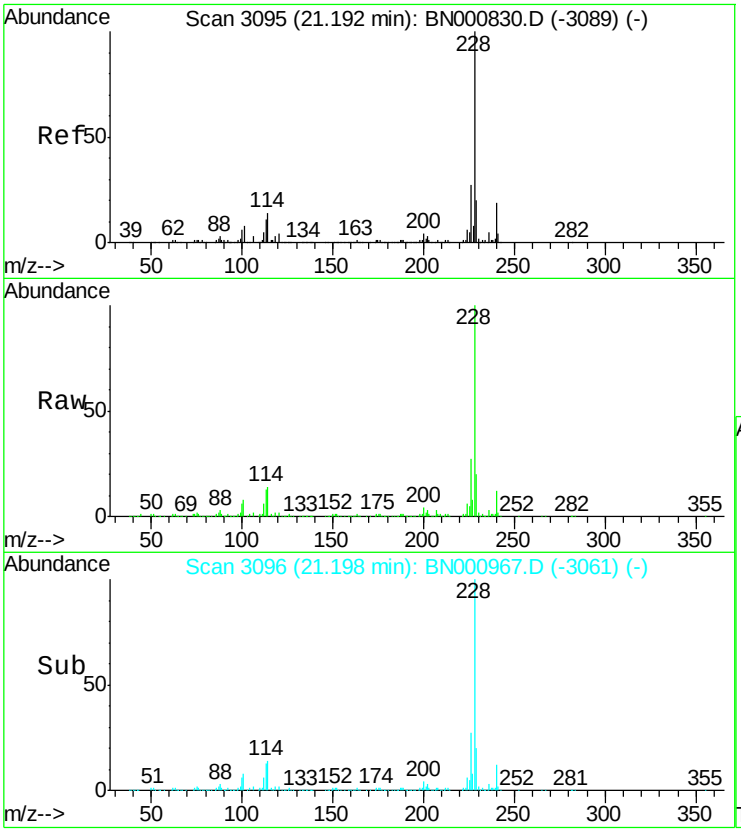


#20
Pyrene
Concen: 19.665 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:202 Resp: 645473

Ion	Ratio	Lower	Upper
202	100		
101	17.3	5.1	7.7#
100	14.1	4.9	7.3#



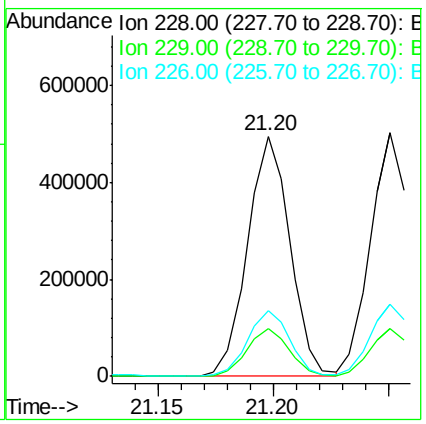


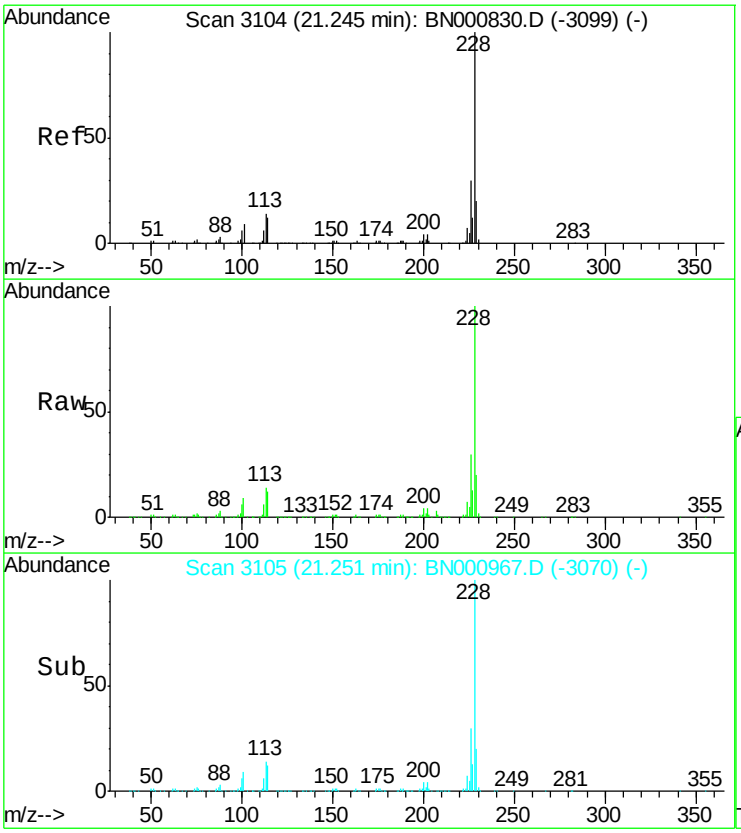
#21
Benzo(a)anthracene
Concen: 20.602 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 636355

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	27.3	21.4	32.0

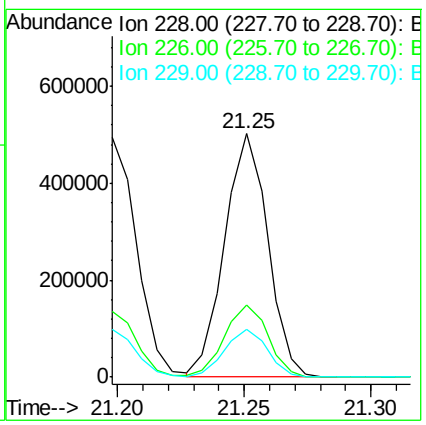


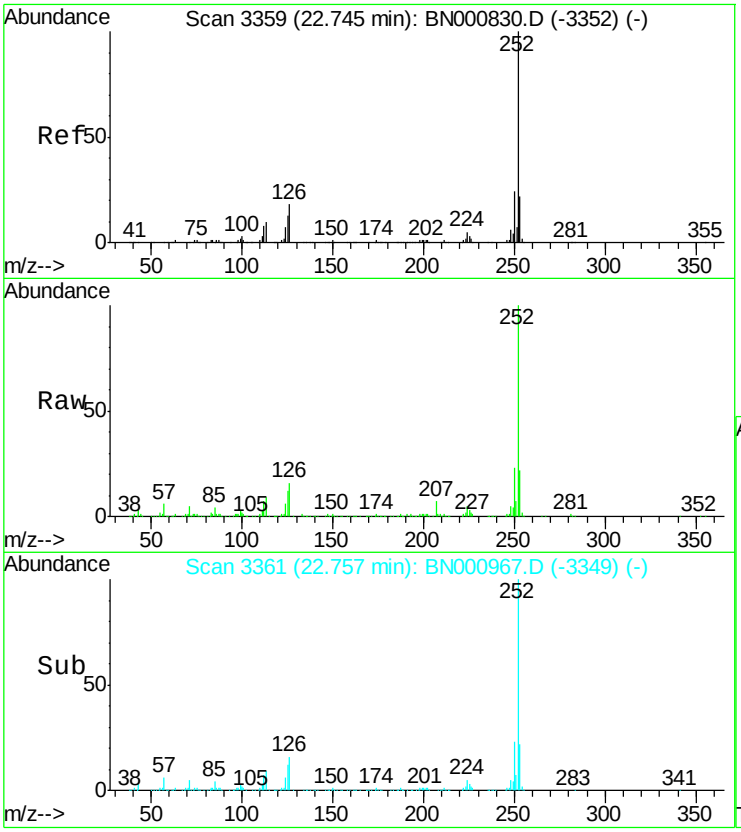


#22
Chrysene
Concen: 20.288 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:228 Resp: 592667

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	19.5	15.5	23.3



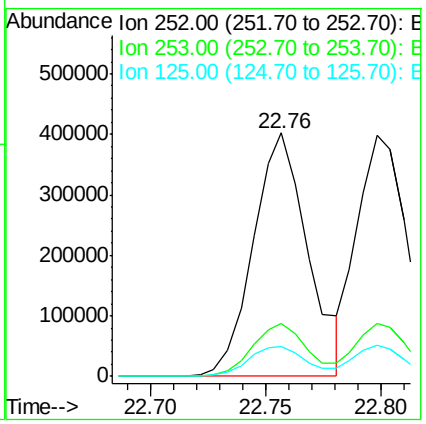


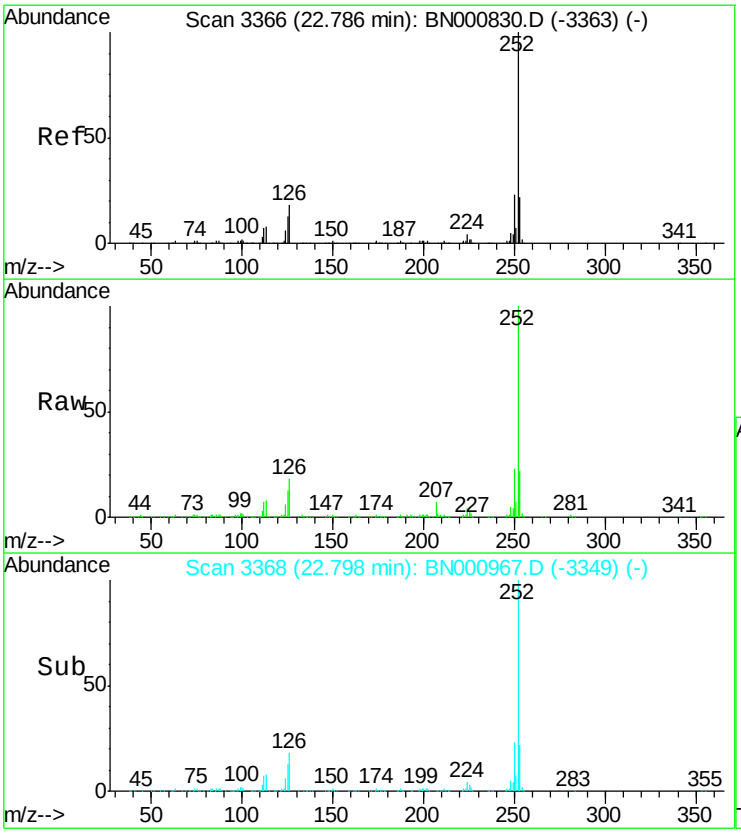
#24
Benzo(b)fluoranthene
Concen: 20.692 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 658648

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	12.2	3.6	5.4#

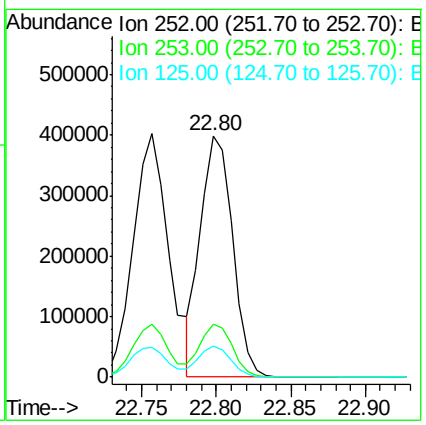


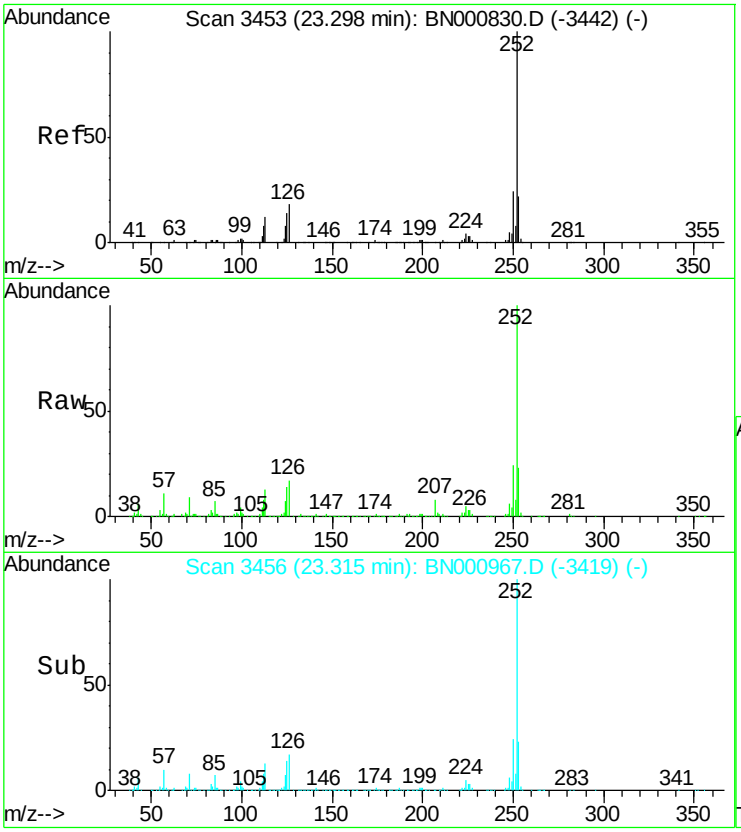


#25
Benzo(k)fluoranthene
Concen: 19.383 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:252 Resp: 595530

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.8	3.4	5.2#



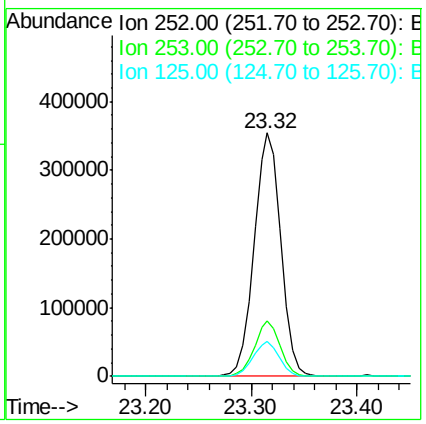


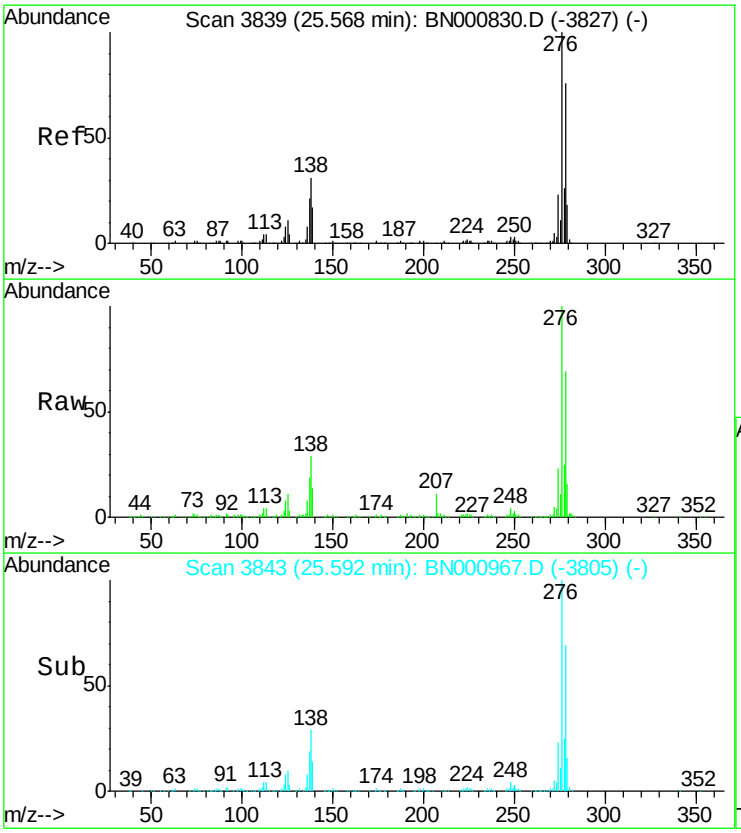
#27
Benzo(a)pyrene
Concen: 20.434 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.02 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 622430

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	14.3	4.0	6.0#

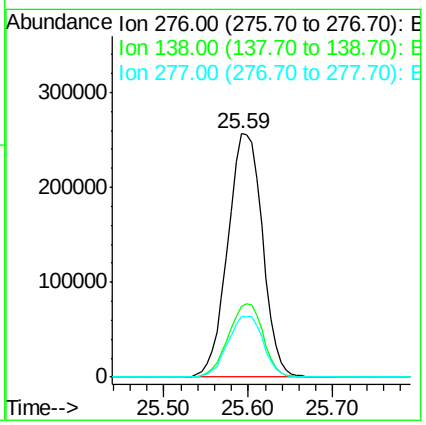


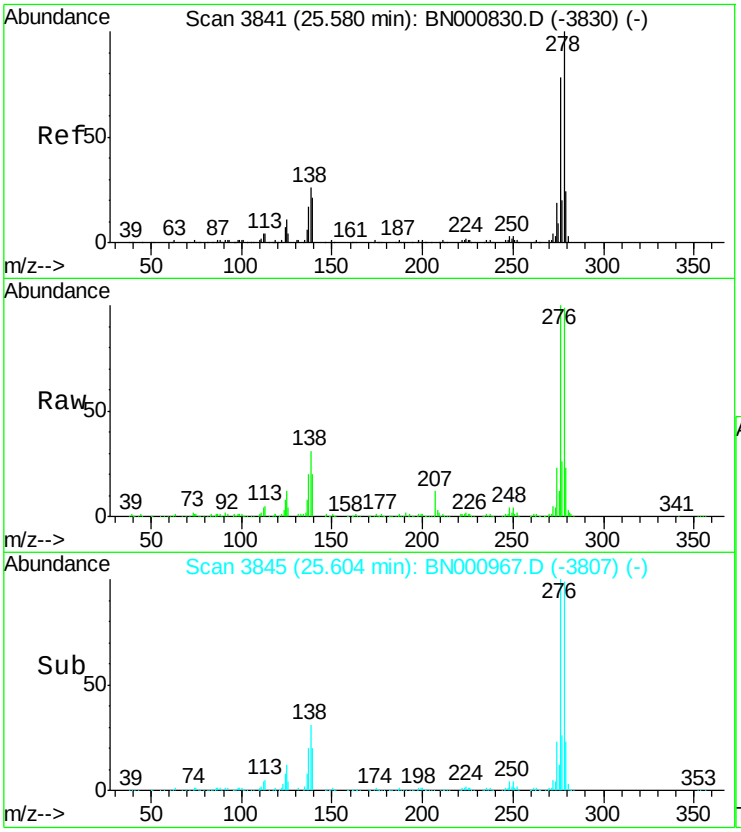


#28
Indeno(1,2,3-cd)pyrene
Concen: 21.470 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.02 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:276 Resp: 730362

Ion	Ratio	Lower	Upper
276	100		
138	29.2	9.3	13.9#
277	25.0	19.9	29.9



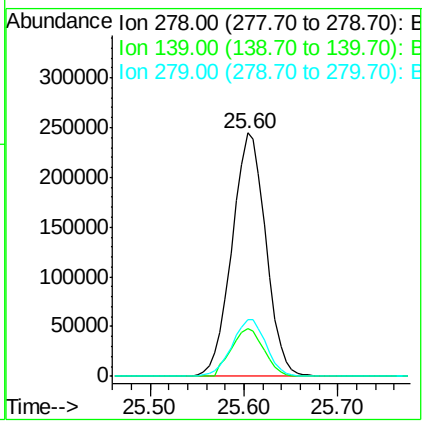


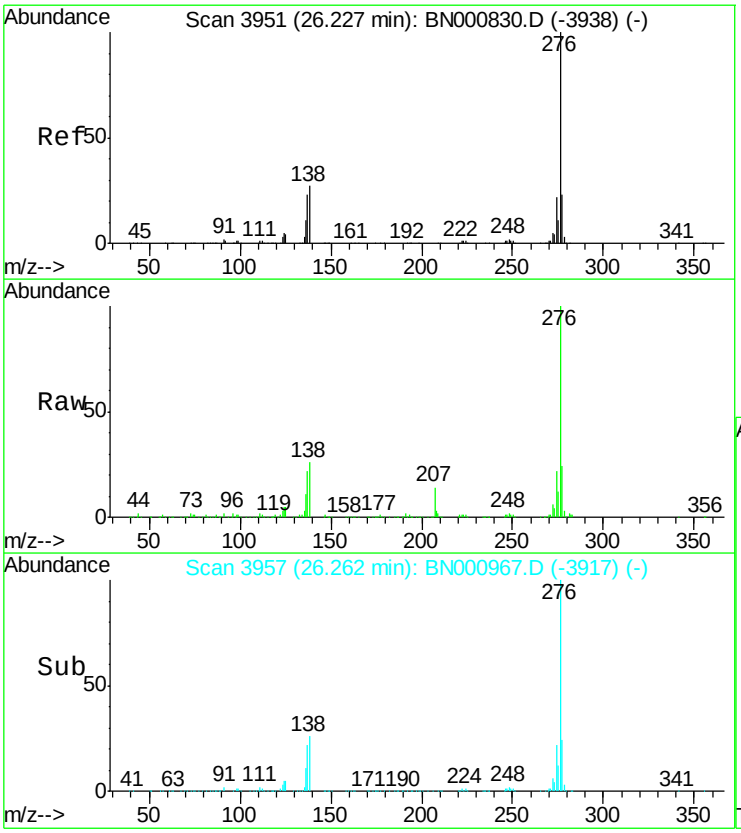
#29
Dibenzo(a,h)anthracene
Concen: 21.455 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.02 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 610396

Ion	Ratio	Lower	Upper
278	100		
139	19.7	5.8	8.8#
279	23.5	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 21.856 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.04 min
Lab File: BN000967.D
Acq: 27 Apr 2018 15:01

Tgt Ion:276 Resp: 615641

Ion	Ratio	Lower	Upper
276	100		
138	25.8	8.5	12.7#
277	23.5	18.6	28.0