Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005346.D
Acq On : 27 Apr 2019 08:34
Operator : JU/SJ
Sample : K2455-03DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ5DL

Manual Integrations APPROVED
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Quant Time: Apr 29 04:26:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	454043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1882999	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1070195	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2336468	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1694788	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1651087	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1530	0.16	ng/uL	0.00
5) Phenol-d5	6.78	99	35204	0.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	22693	1.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	29891	1.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	29455	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	16018	1.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	14618	1.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	30272	1.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	18671	0.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	91050	1.17	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	119582	1.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	12388	1.01	ng/ul	0.02
57) Fluorene-d10	15.23	176	88575	1.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	3818	0.36	ng/ul	0.00
70) Anthracene-d10	17.08	188	131513	1.34	ng/ul	0.00
78) Pyrene-d10	19.39	212	126177	1.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	92366	1.28	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.40	128	1546308	17.665	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	2456196	38.321	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	191238	2.398	ng/ul	99
47) Acenaphthylene	13.95	152	793667	8.464	ng/ul	98
49) Acenaphthene	14.29	153	91003	1.422	ng/ul	99
58) Fluorene	15.28	166	506853	7.047	ng/ul	99
69) Phenanthrene	17.03	178	3176634	27.917	ng/ul	100
71) Anthracene	17.12	178	438127	3.780	ng/ul	99
76) Fluoranthene	19.06	202	1462283	11.586	ng/ul	99
79) Pyrene	19.43	202	2782995	25.504	ng/ul	96
82) Benzo(a)anthracene	21.20	228	696351	6.605	ng/ul	95
84) Chrysene	21.25	228	693362	7.086	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	510775	5.503	ng/ul	97
88) Benzo(k)fluoranthene	22.80	252	157618m	1.778	ng/ul	
90) Benzo(a)pyrene	23.32	252	227181	2.604	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	204001	2.115	ng/ul	95
93) Benzo(g,h,i)perylene	26.27	276	148082	1.857	ng/ul	99

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

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Instrument :
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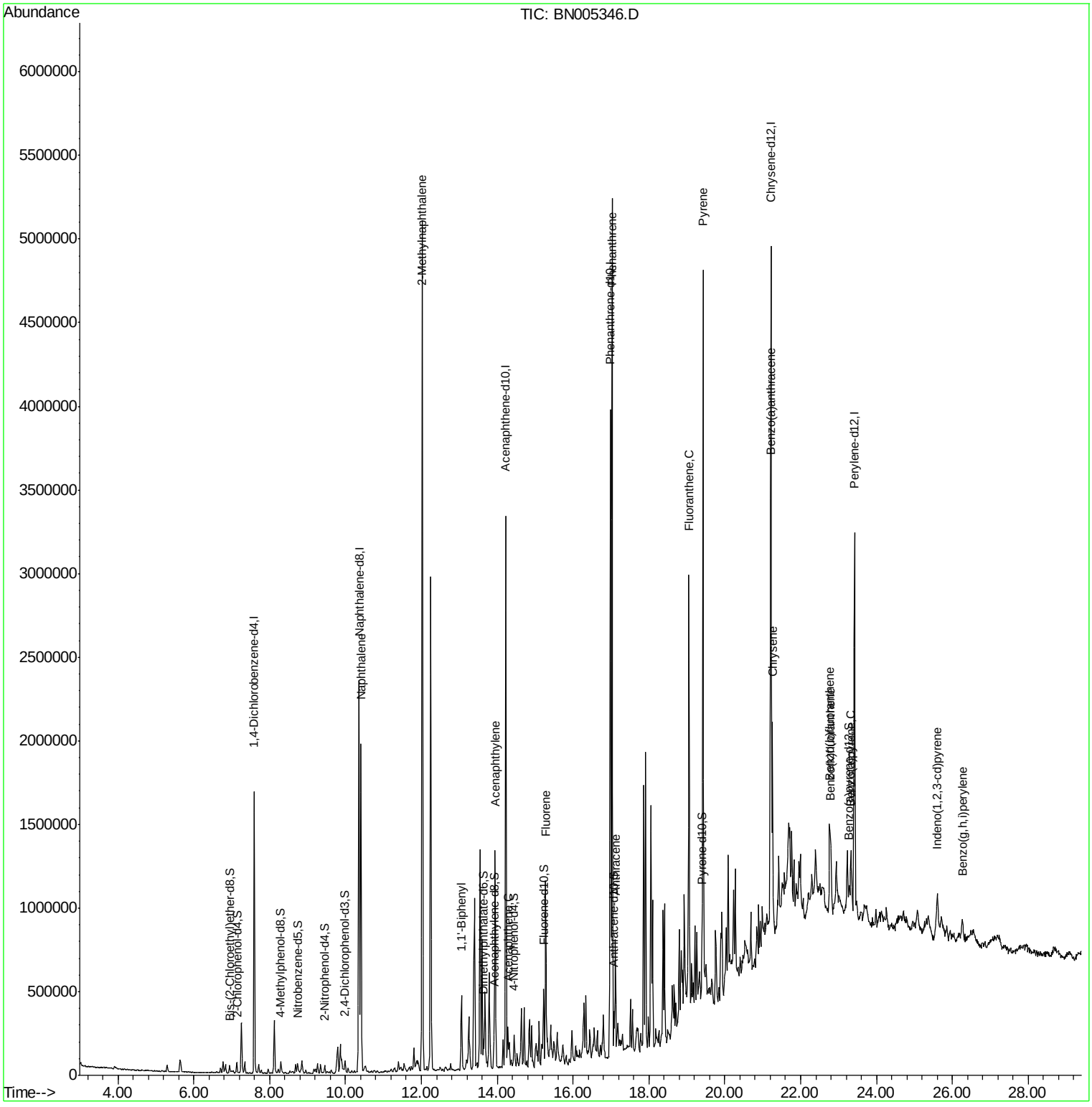
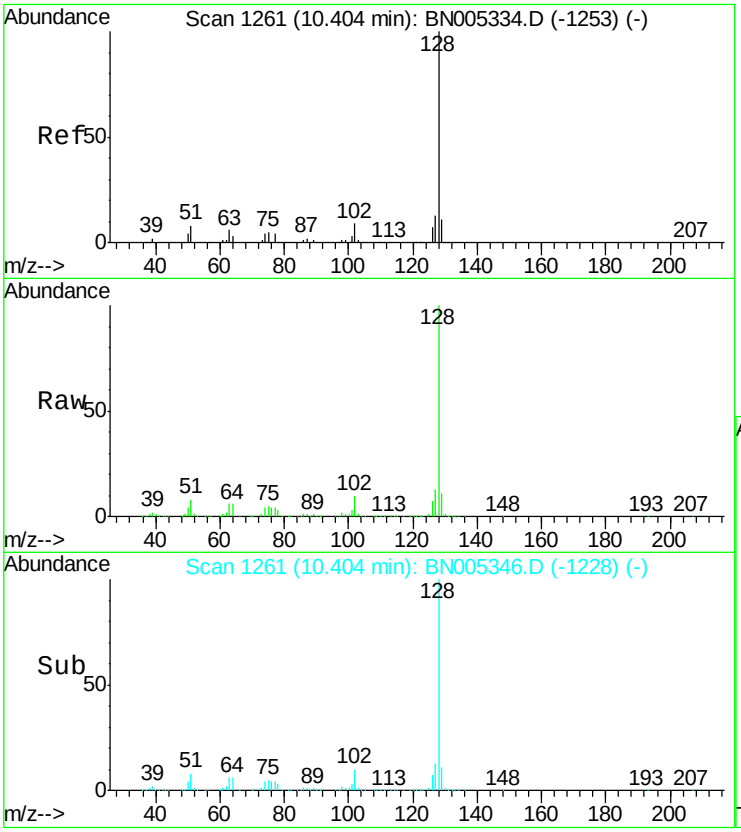
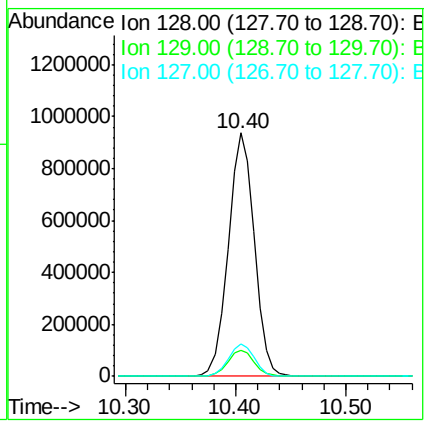




#28
Naphthalene
Concen: 17.665 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:128 Resp: 1546308

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	13.3	10.7	16.1



Instrument :
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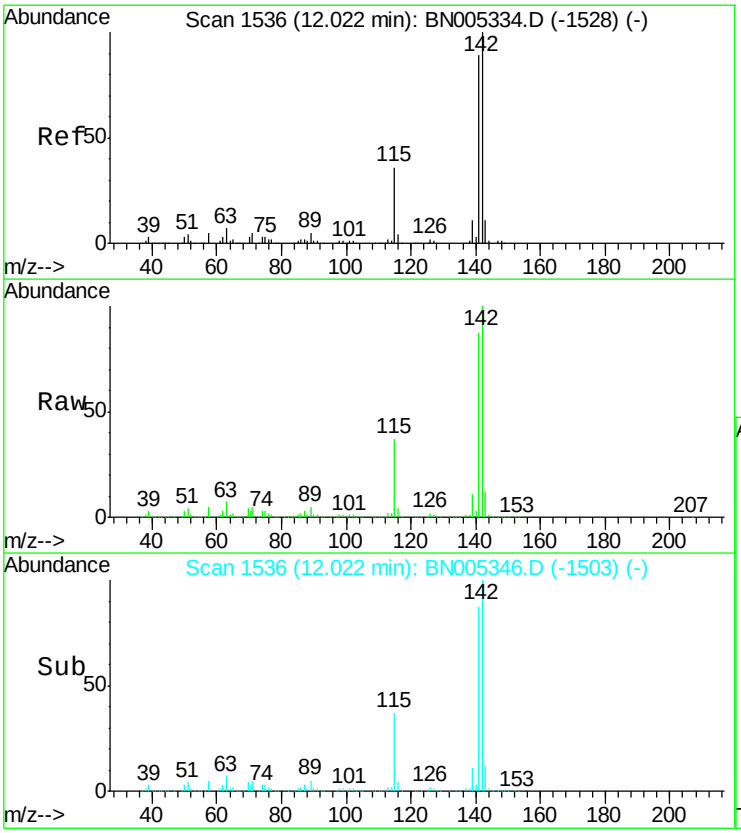
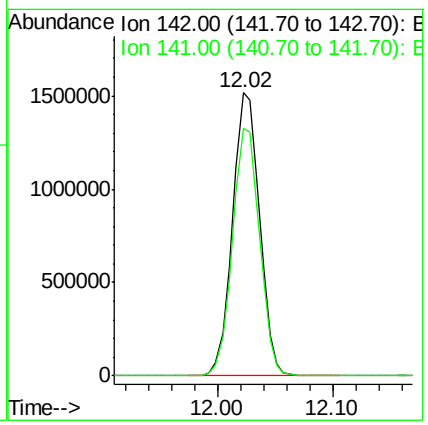
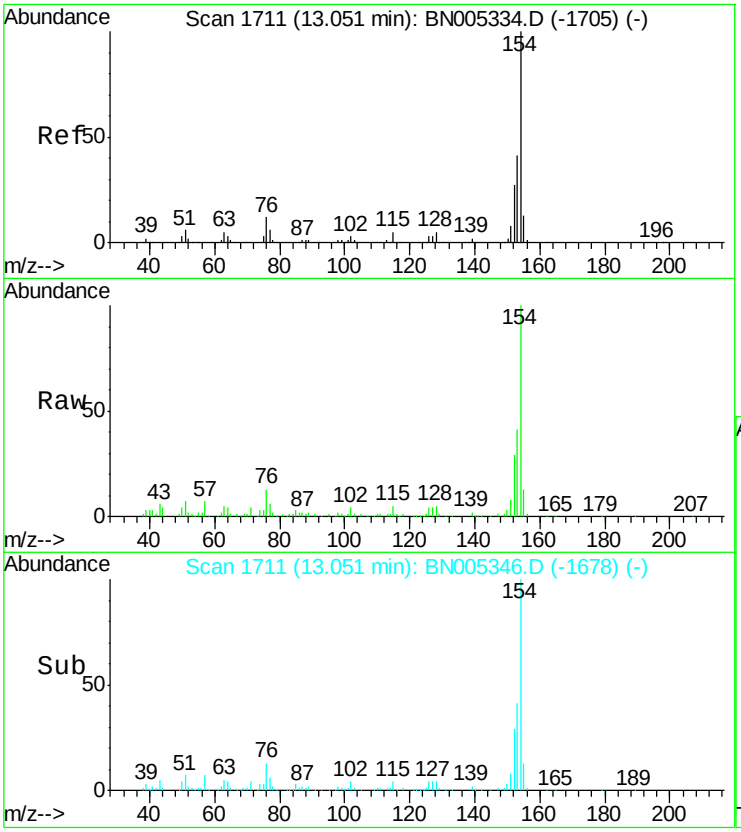


#34
2-Methylnaphthalene
Concen: 38.321 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:142 Resp: 2456196

Ion	Ratio	Lower	Upper
142	100		
141	87.5	72.0	108.0

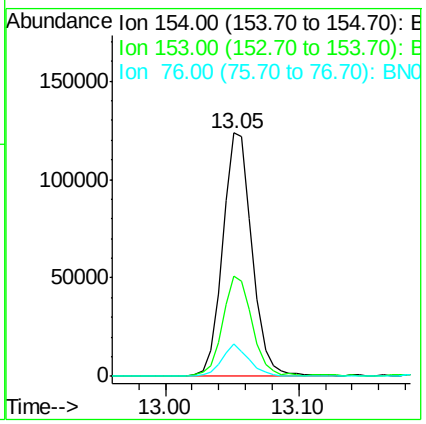




#40
1,1'-Biphenyl
Concen: 2.398 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:154 Resp: 191238

Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.6	49.0
76	13.2	10.4	15.6



Instrument :
BNA_N
ClientSampleId :
GAHQ5DL

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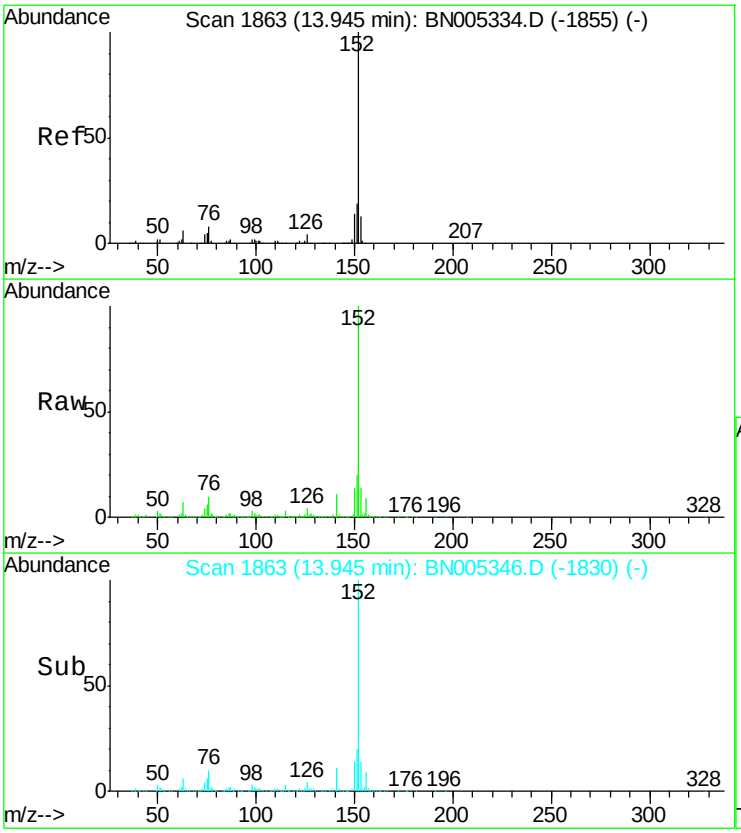
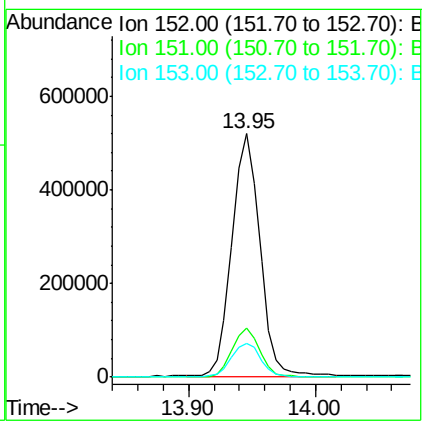
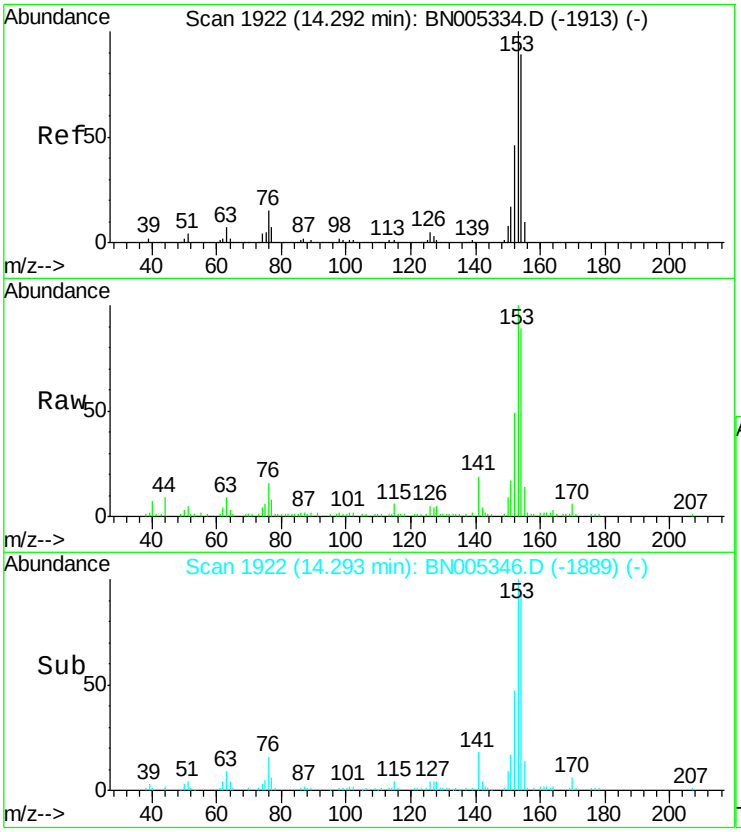


#47
Acenaphthylene
Concen: 8.464 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:152 Resp: 793667

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	14.0	9.8	14.8

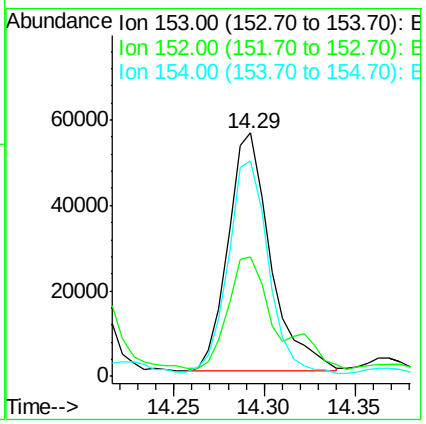




#49
Acenaphthene
Concen: 1.422 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:153 Resp: 91003

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.4	56.0
154	88.8	71.2	106.8



Instrument :
BNA_N
ClientSampleId :
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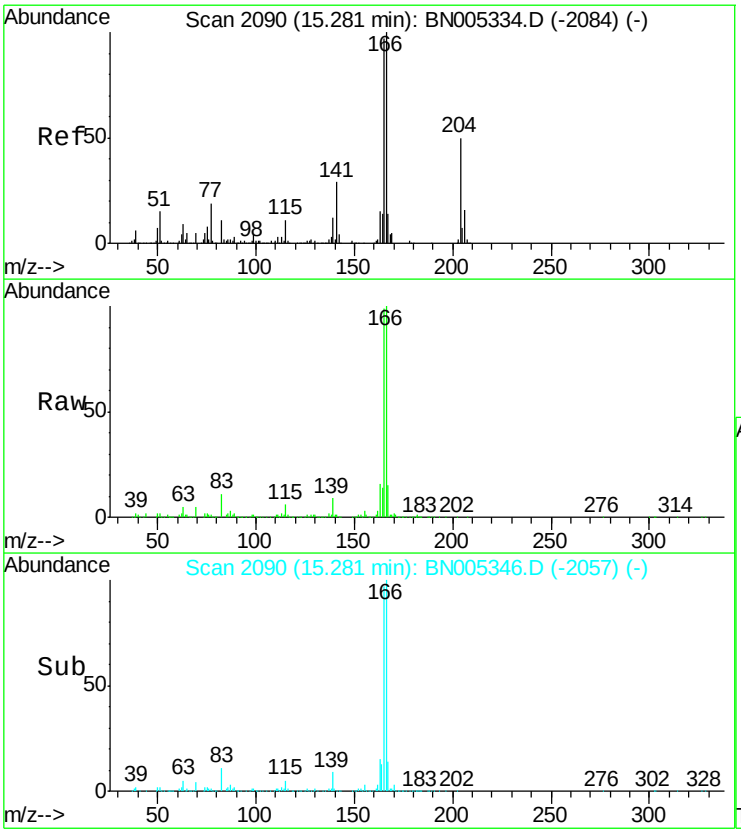
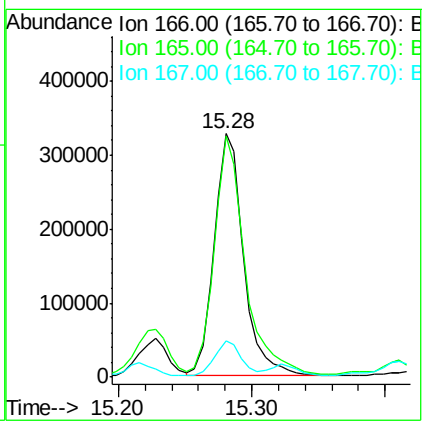
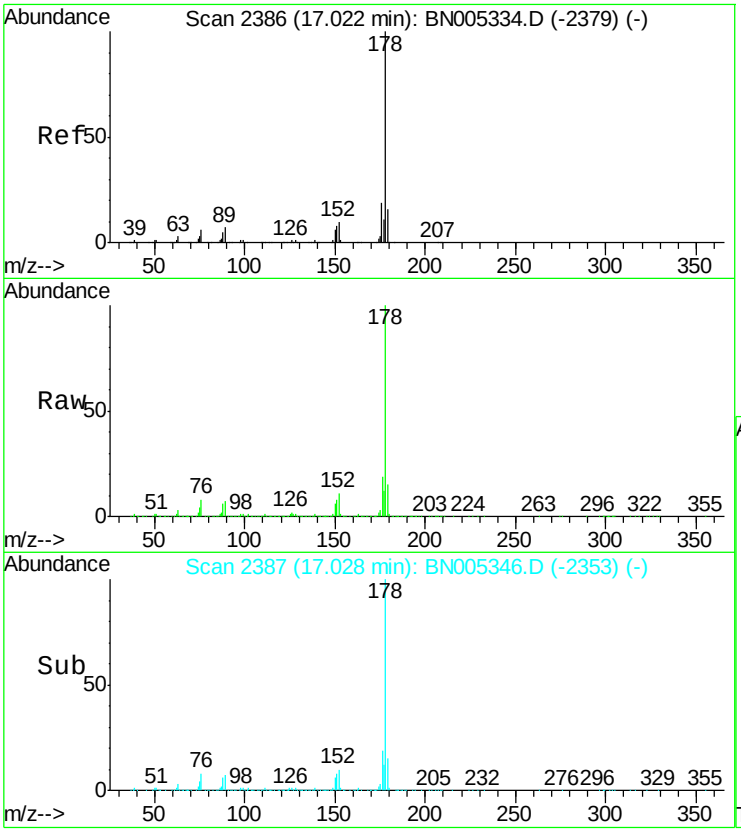


#58
Fluorene
Concen: 7.047 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:166 Resp: 506853

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.0	120.0
167	14.9	10.7	16.1

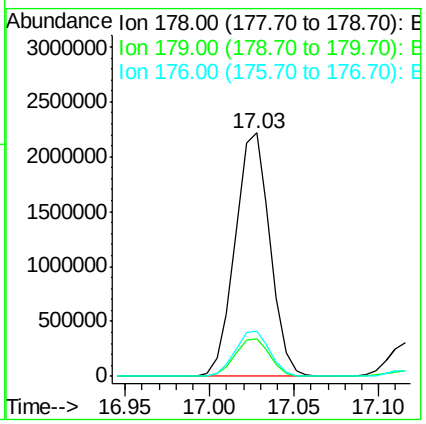




#69
Phenanthrene
Concen: 27.917 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:178 Resp: 3176634

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.7	15.1	22.7



Instrument :
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ClientSampleId :
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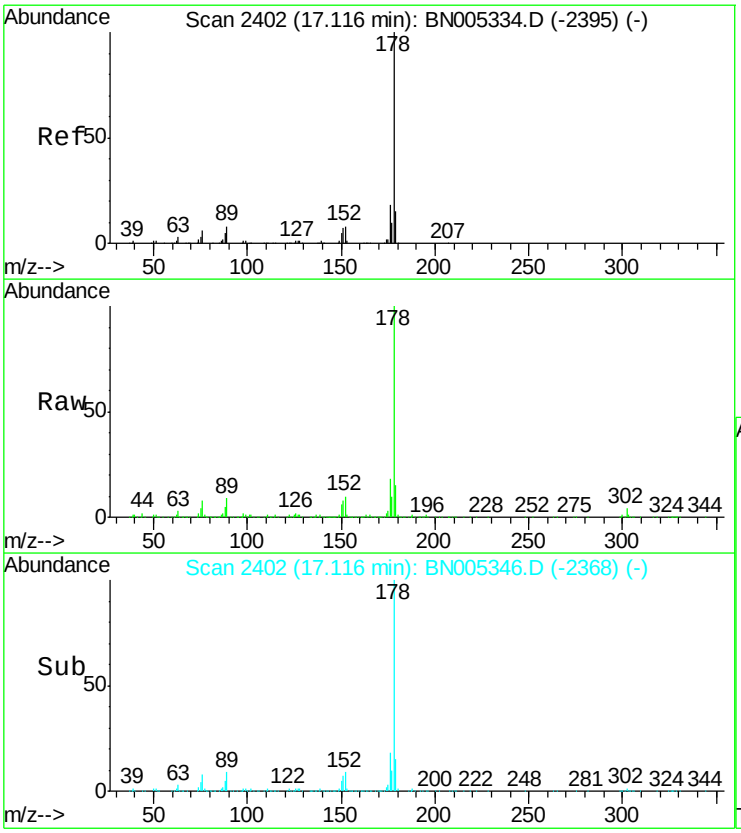
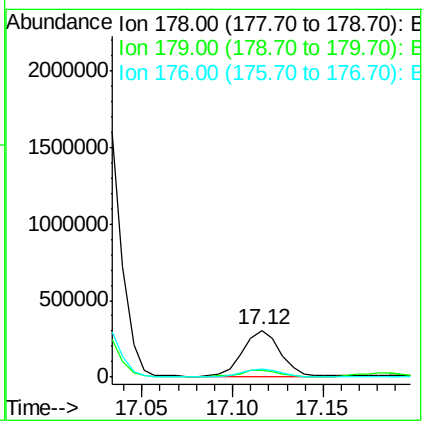
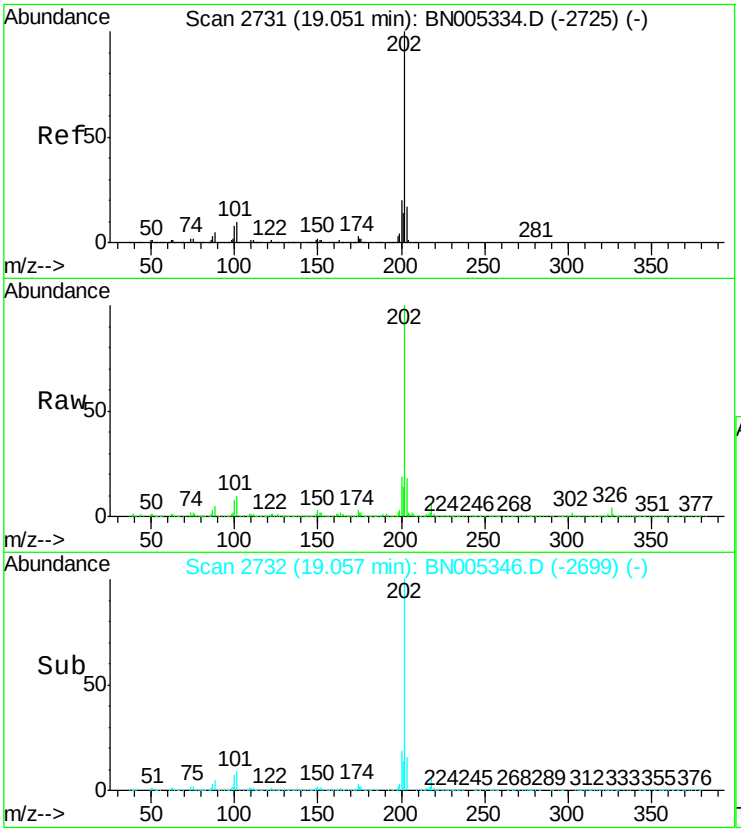


#71
Anthracene
Concen: 3.780 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:178 Resp: 438127

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	15.1	22.7

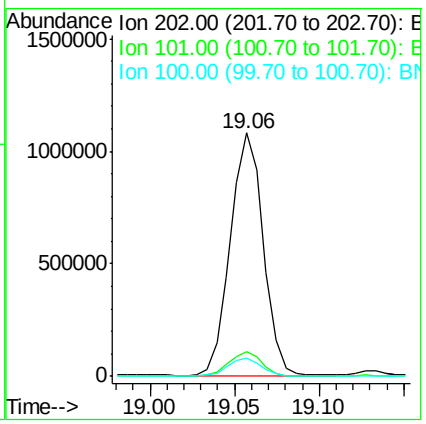




#76
Fluoranthene
Concen: 11.586 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:202 Resp: 1462283

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	12.8
100	7.5	6.3	9.5



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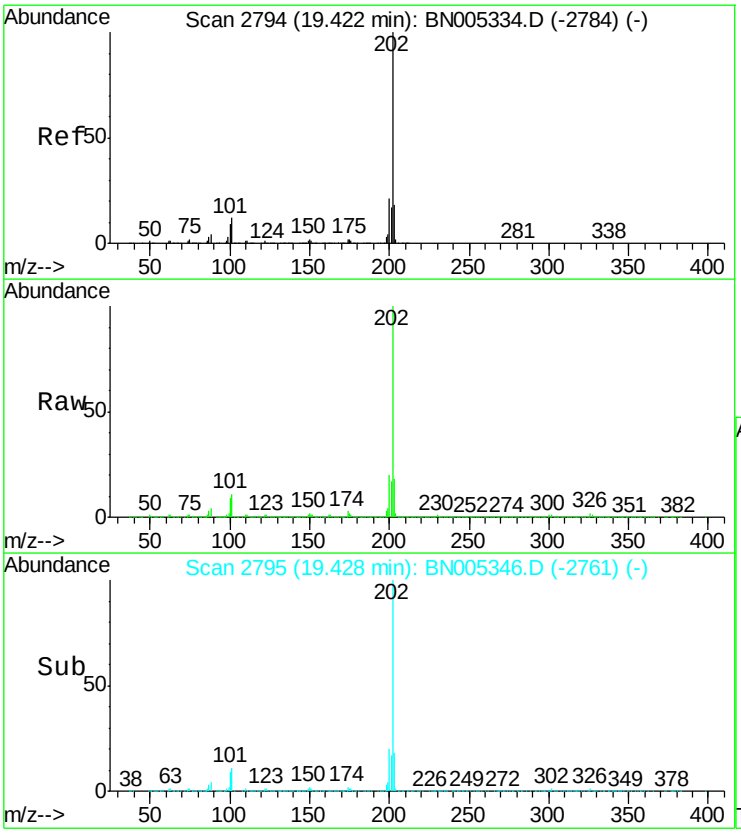
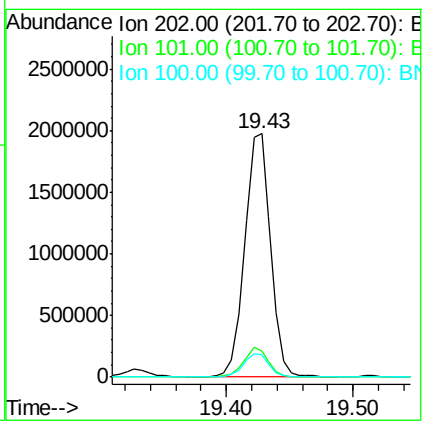
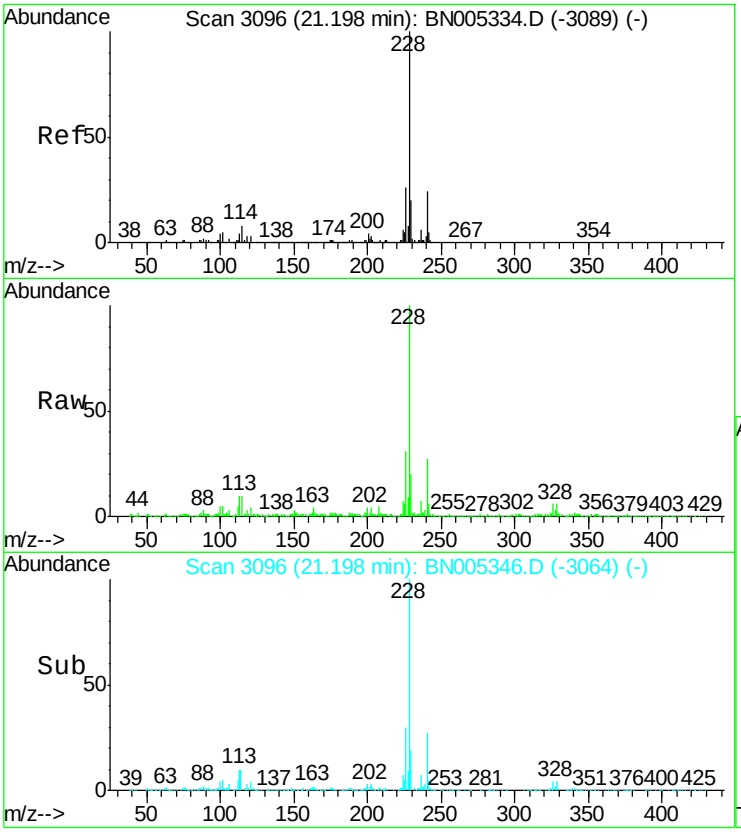


#79
Pyrene
Concen: 25.504 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:202 Resp: 2782995

Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.3	15.5
100	9.1	7.9	11.9

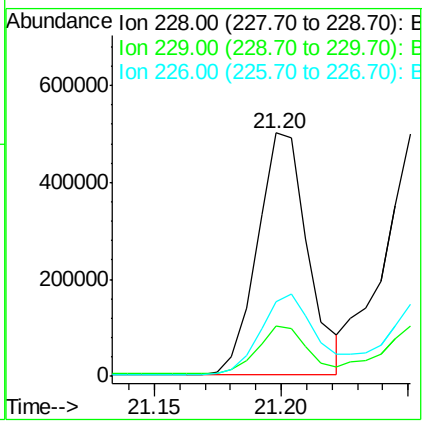




#82
Benzo(a)anthracene
Concen: 6.605 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:228 Resp: 696351

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	30.7	21.4	32.2



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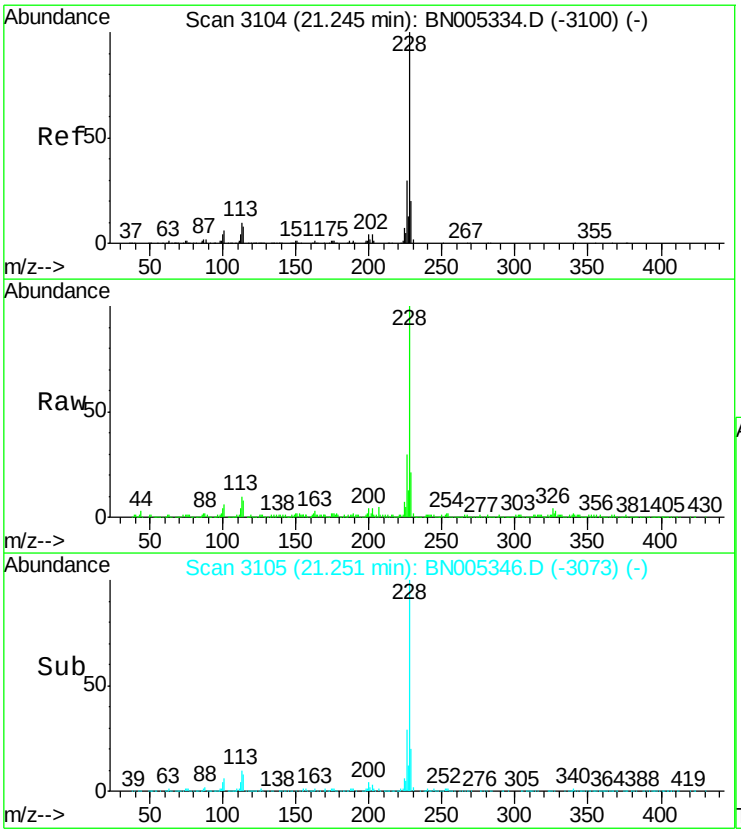
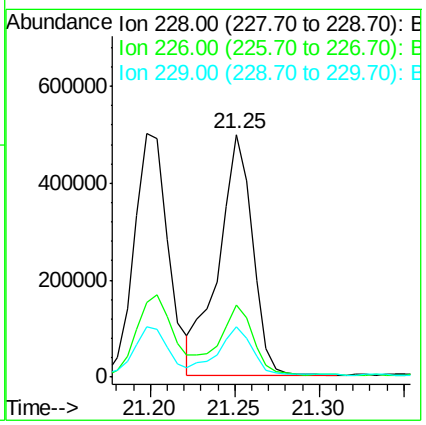
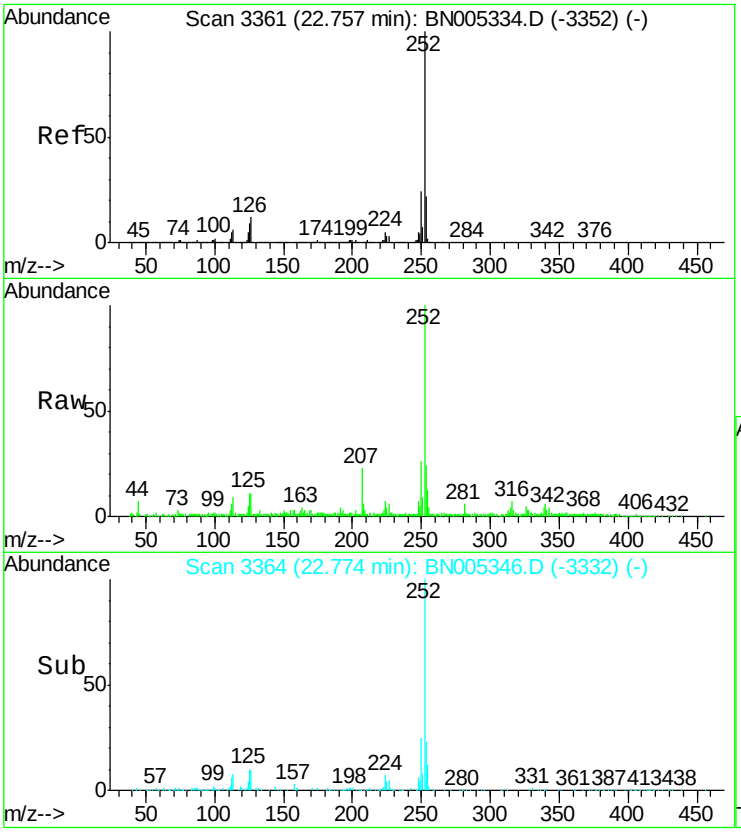


#84
Chrysene
Concen: 7.086 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:228 Resp: 693362

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.7	15.4	23.0

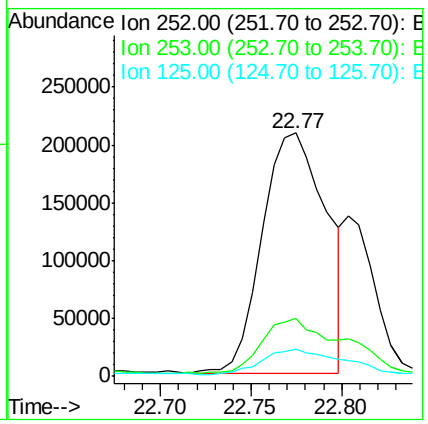




#87
Benzo(b)fluoranthene
Concen: 5.503 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:252 Resp: 510775

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	11.0	8.4	12.6



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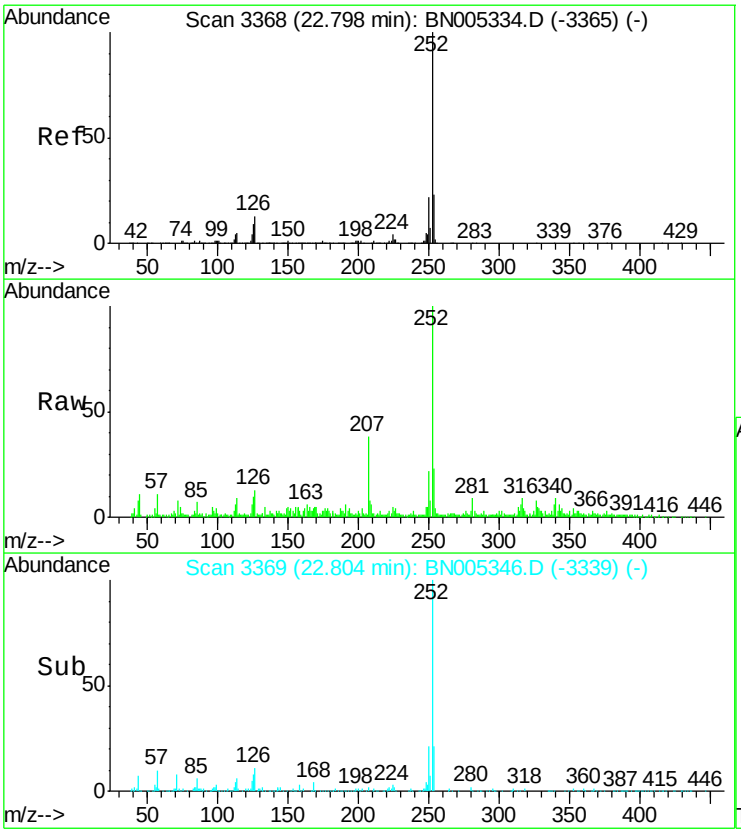
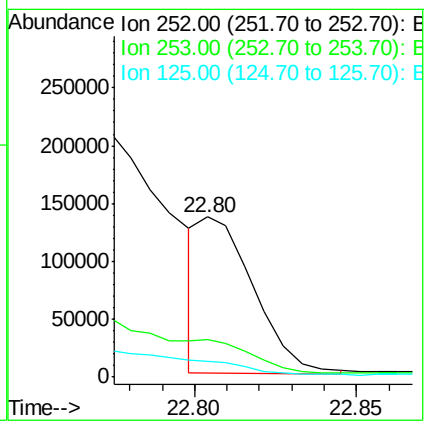
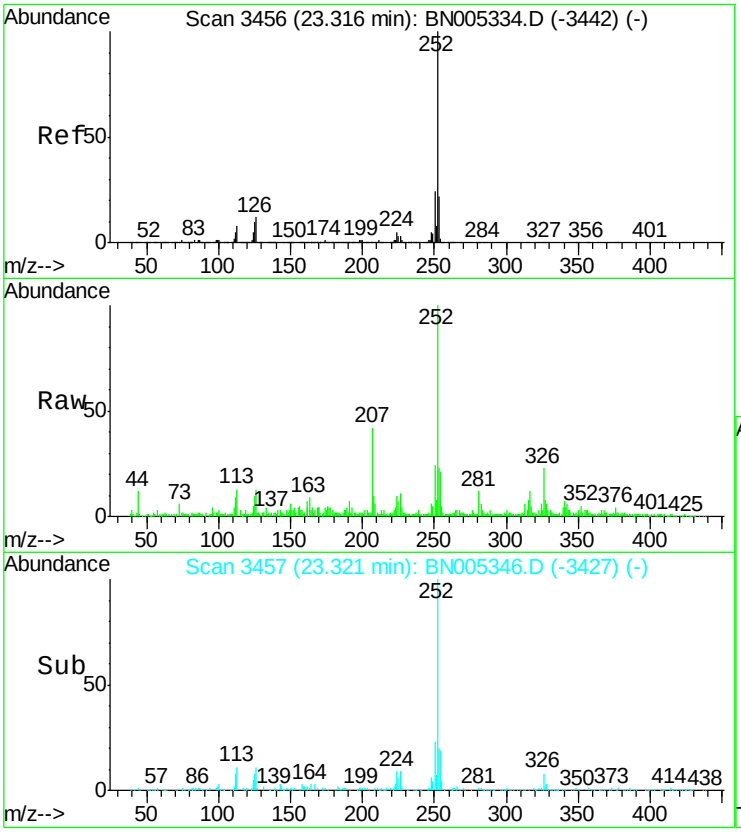


#88
Benzo(k)fluoranthene
Concen: 1.778 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.02 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:252 Resp: 157618

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	9.6	7.5	11.3

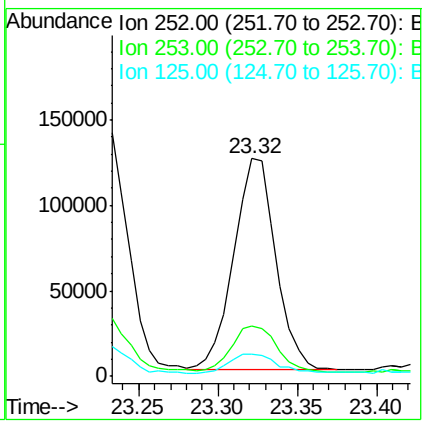




#90
Benzo(a)pyrene
Concen: 2.604 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:252 Resp: 227181

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	10.0	8.6	13.0



Instrument :
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ClientSampleId :
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Sohil
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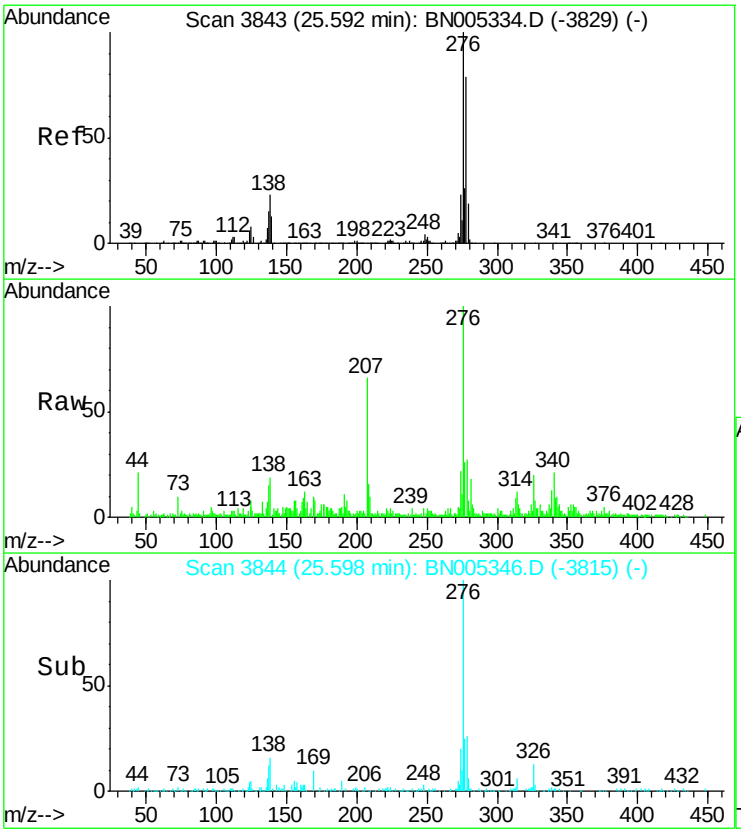
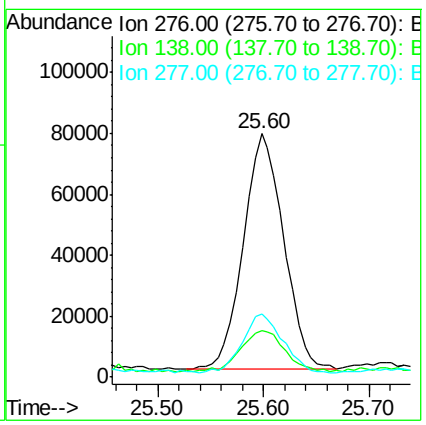
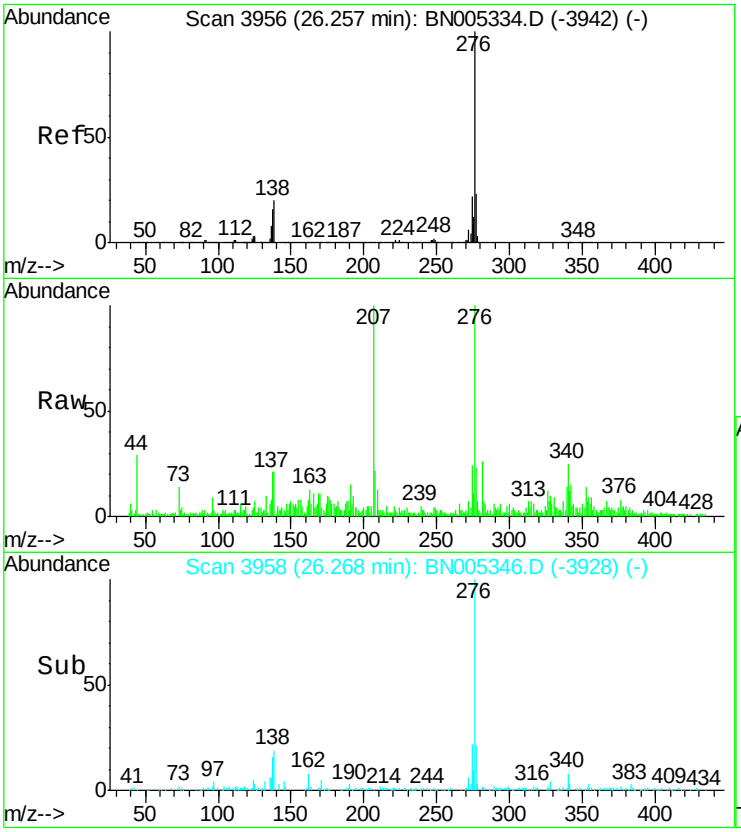


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.115 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.03 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:276 Resp: 204001

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.9	26.9
277	26.1	19.7	29.5

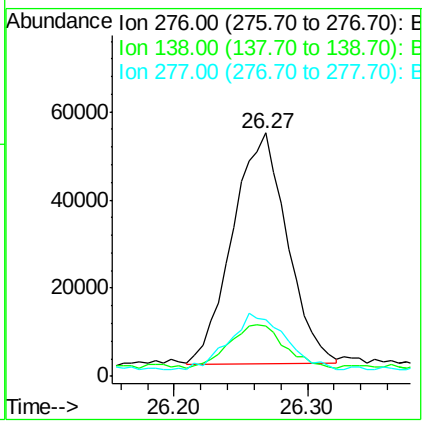




#93
Benzo(g,h,i)perylene
Concen: 1.857 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BN005346.D
Acq: 27 Apr 2019 08:34

Tgt Ion:276 Resp: 148082

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.7	25.1
277	23.4	18.2	27.2



Instrument :
BNA_N
ClientSampleId :
GAHQ5DL

Manual Integrations APPROVED
Sohil
4/29/2019 1:44:24 PM