Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005190.D
Acq On : 23 Apr 2019 00:28
Operator : JU/SJ
Sample : K2455-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR5

Quant Time: Apr 23 03:43:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	632622	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2515950	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	1691893	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	4030037	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	3430699	20.00	ng/ul	0.02
85) Perylene-d12	23.42	264	3407887	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	122154	9.32	ng/uL	0.00
5) Phenol-d5	6.78	99	1644984	33.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	1043517	33.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1303081	34.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1160337	29.88	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	643182	41.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	697648	44.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	1236588	34.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	2627851	70.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	3732044	30.39	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	4604382	30.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	616857	31.81	ng/ul	0.00
57) Fluorene-d10	15.23	176	3195915	31.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	477016	26.32	ng/ul	0.00
70) Anthracene-d10	17.09	188	4954035	29.32	ng/ul	0.00
78) Pyrene-d10	19.40	212	5445750	31.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	4505276	30.25	ng/ul	0.04
Target Compounds						Qvalue
14) Acetophenone	8.40	105	106476	1.713	ng/ul#	39
21) Isophorone	9.30	82	133564	1.583	ng/ul#	1
40) 1,1'-Biphenyl	13.06	154	191263	1.517	ng/ul	92
44) Dimethylphthalate	13.70	163	792622	6.477	ng/ul#	98
47) Acenaphthylene	13.96	152	384564	2.594	ng/ul#	58
49) Acenaphthene	14.30	153	349268	3.451	ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	35613	1.169	ng/ul#	61
58) Fluorene	15.29	166	1310777	11.528	ng/ul#	96
64) N-Nitrosodiphenylamine	15.52	169	261818	2.374	ng/ul#	44
69) Phenanthrene	17.03	178	5174873	26.366	ng/ul	99
71) Anthracene	17.12	178	631927	3.161	ng/ul	98
76) Fluoranthene	19.06	202	1058104	4.860	ng/ul	99
79) Pyrene	19.43	202	1689883	7.650	ng/ul	98
82) Benzo(a)anthracene	21.20	228	529772	2.482	ng/ul	97
84) Chrysene	21.25	228	534829	2.700	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	280738	1.465	ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	280738	1.534	ng/ul#	97

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

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Instrument :
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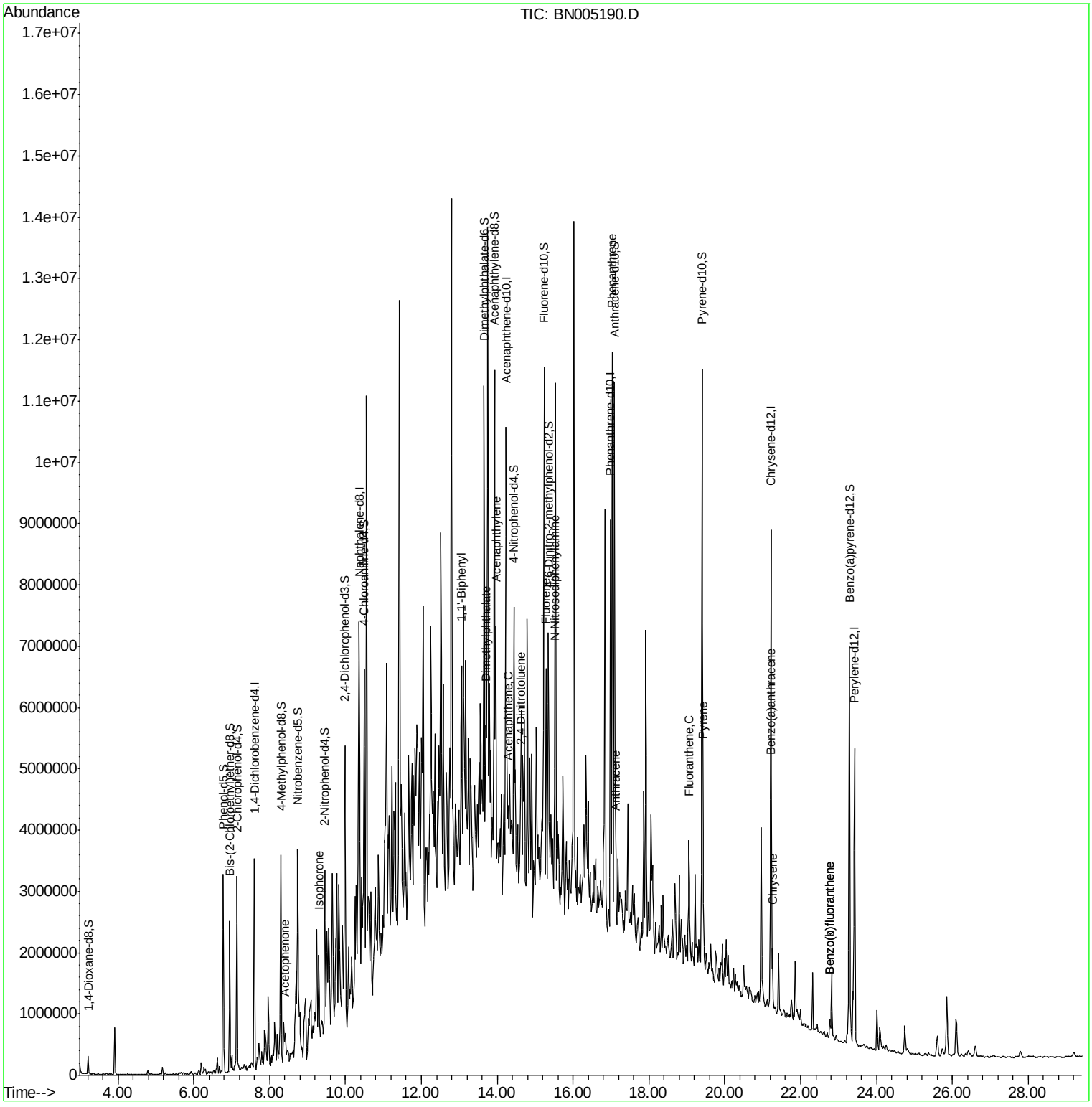
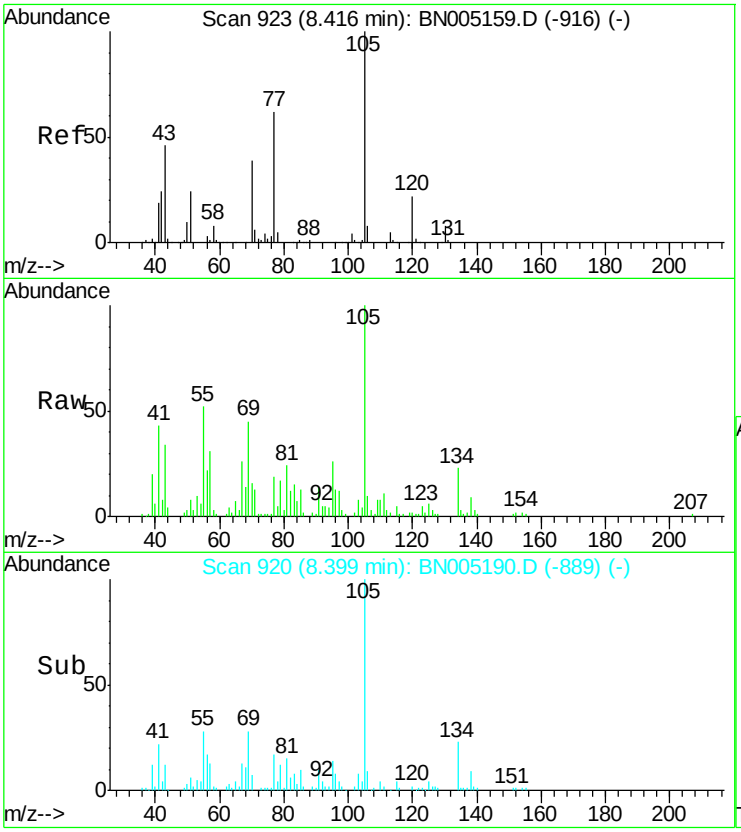
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration



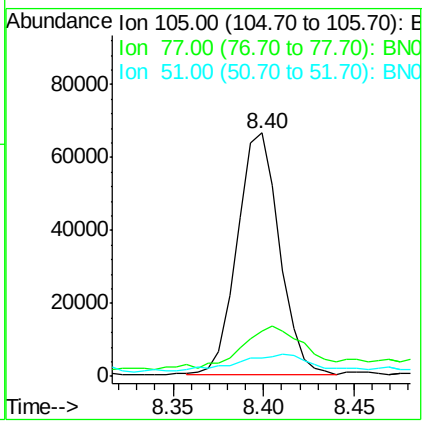


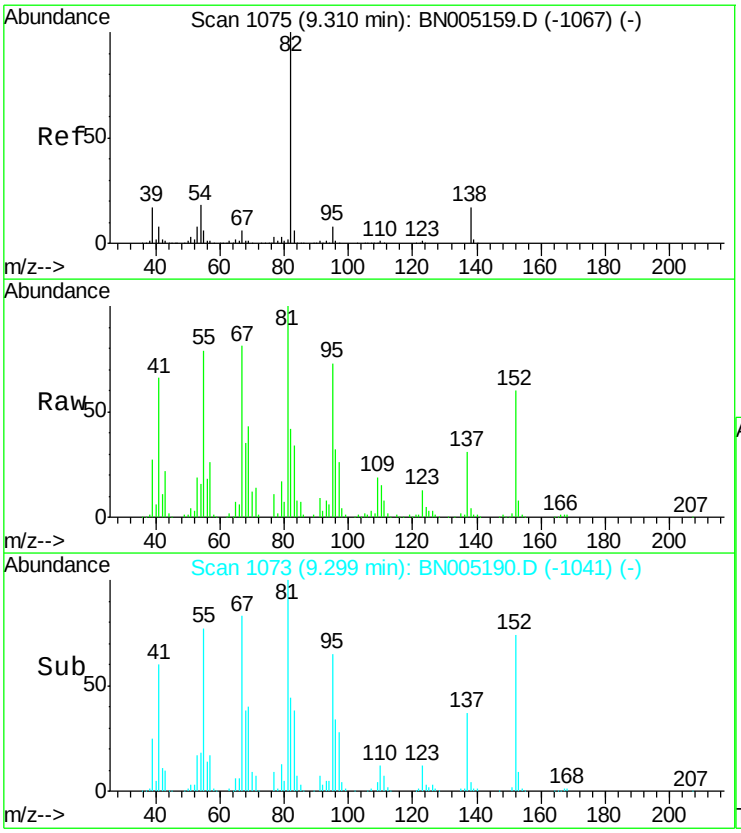
#14
Acetophenone
Concen: 1.713 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.02 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:105 Resp: 106476

Ion	Ratio	Lower	Upper
105	100		
77	18.6	63.4	95.0#
51	7.8	24.2	36.4#

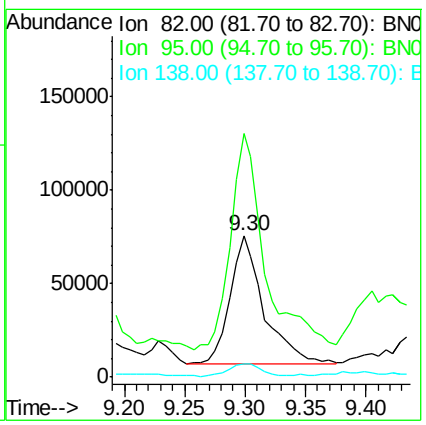


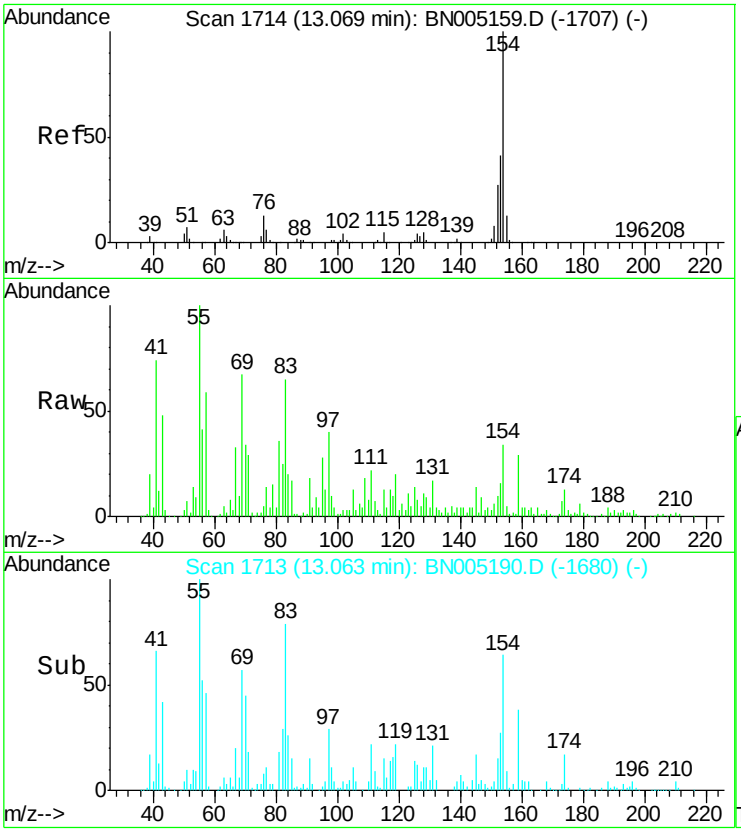


#21
Isophorone
Concen: 1.583 ng/ul
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion: 82 Resp: 133564

Ion	Ratio	Lower	Upper
82	100		
95	172.1	6.2	9.2#
138	9.4	13.2	19.8#



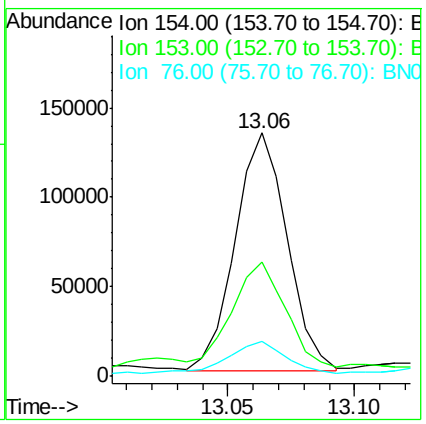


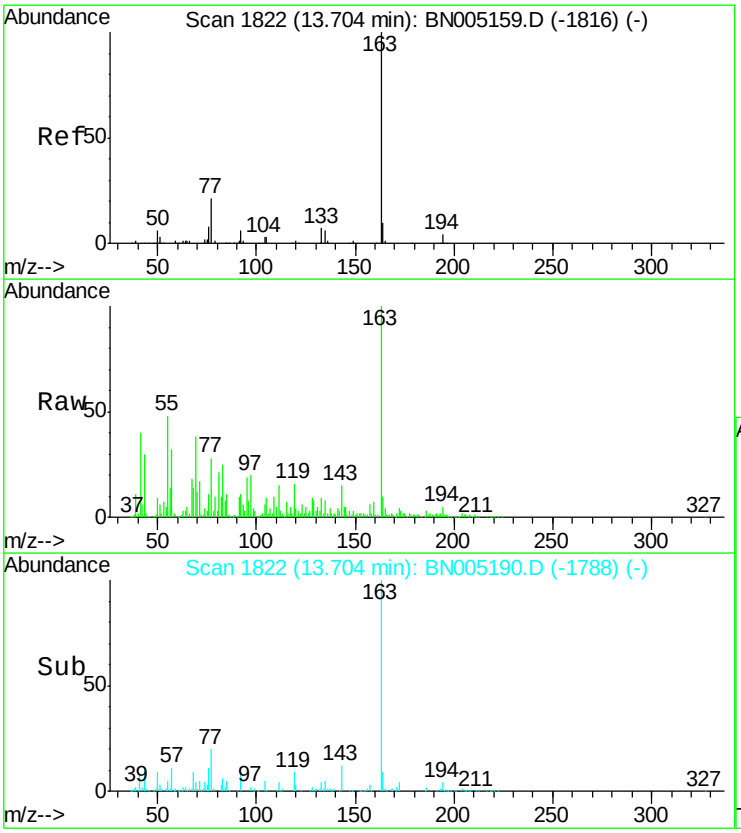
#40
1,1'-Biphenyl
Concen: 1.517 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:154 Resp: 191263

Ion	Ratio	Lower	Upper
154	100		
153	47.0	32.6	49.0
76	14.4	10.4	15.6

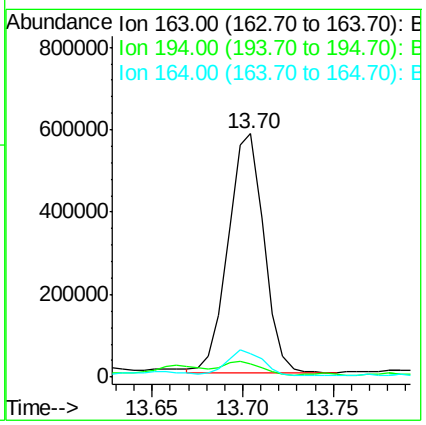


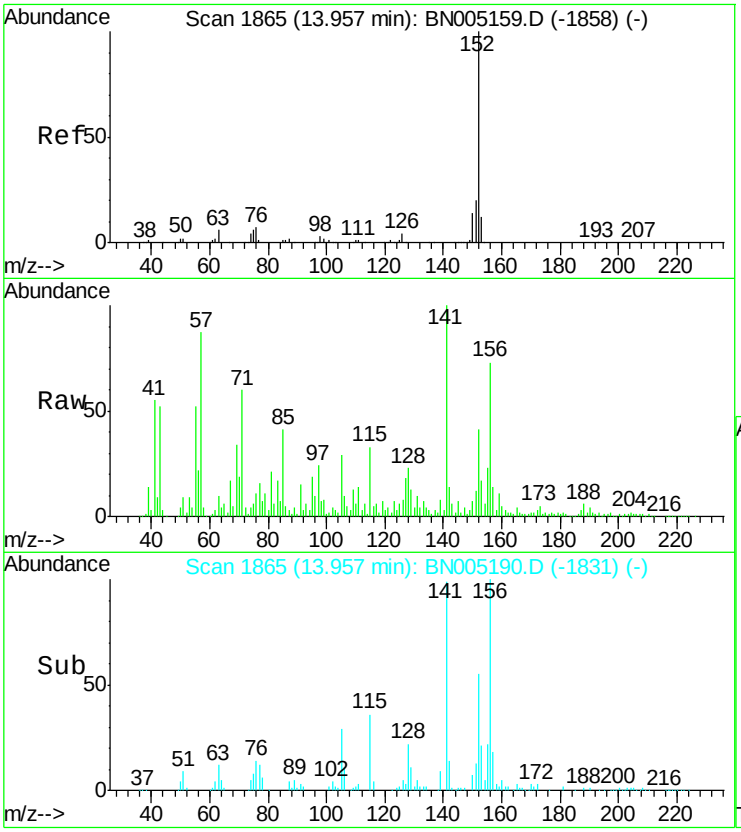


#44
Dimethylphthalate
Concen: 6.477 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:163 Resp: 792622

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.4	5.0#
164	9.9	8.1	12.1



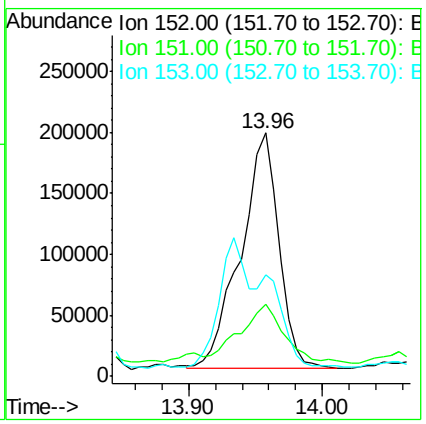


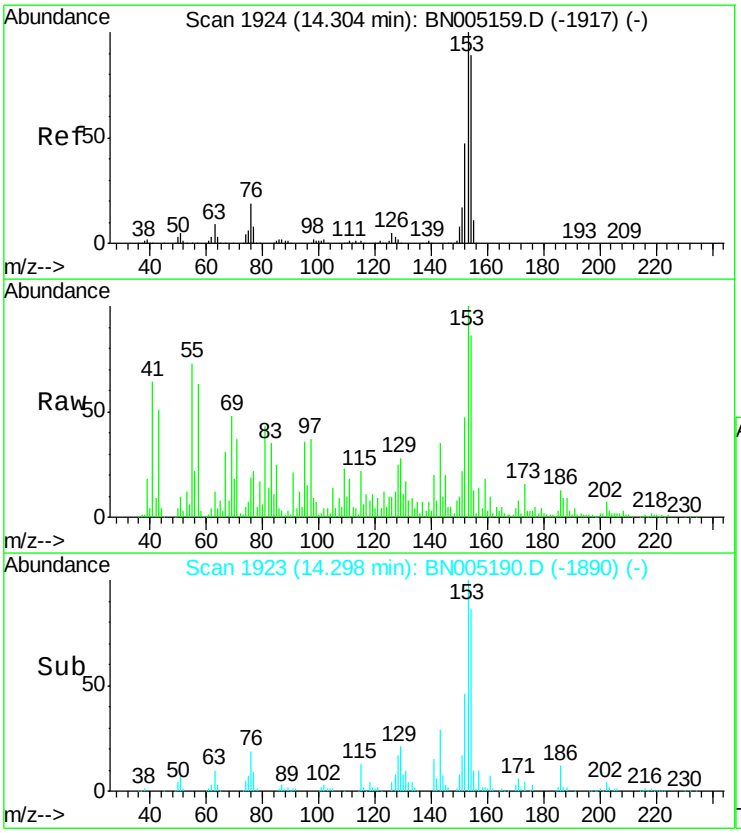
#47
Acenaphthylene
Concen: 2.594 ng/ul
RT: 13.96 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:152 Resp: 384564

Ion	Ratio	Lower	Upper
152	100		
151	29.8	15.8	23.8#
153	41.6	9.8	14.8#

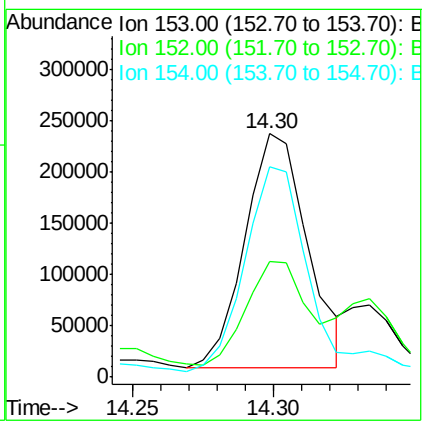


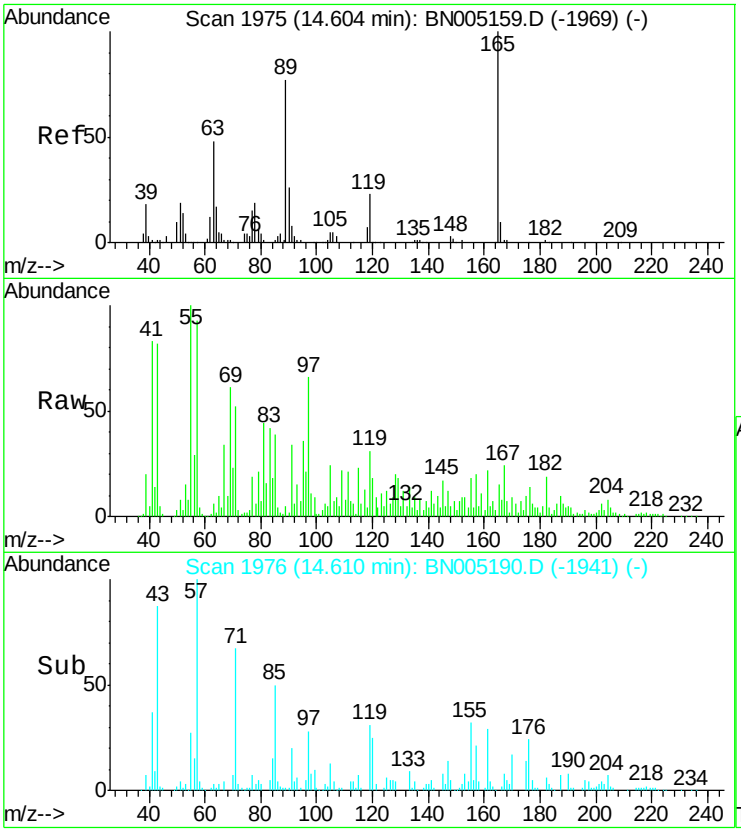


#49
Acenaphthene
Concen: 3.451 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:153 Resp: 349268

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.4	56.0
154	86.4	71.2	106.8



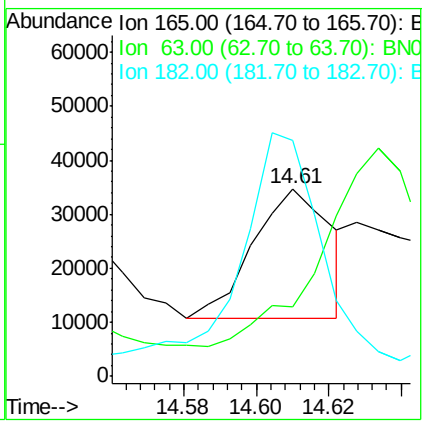


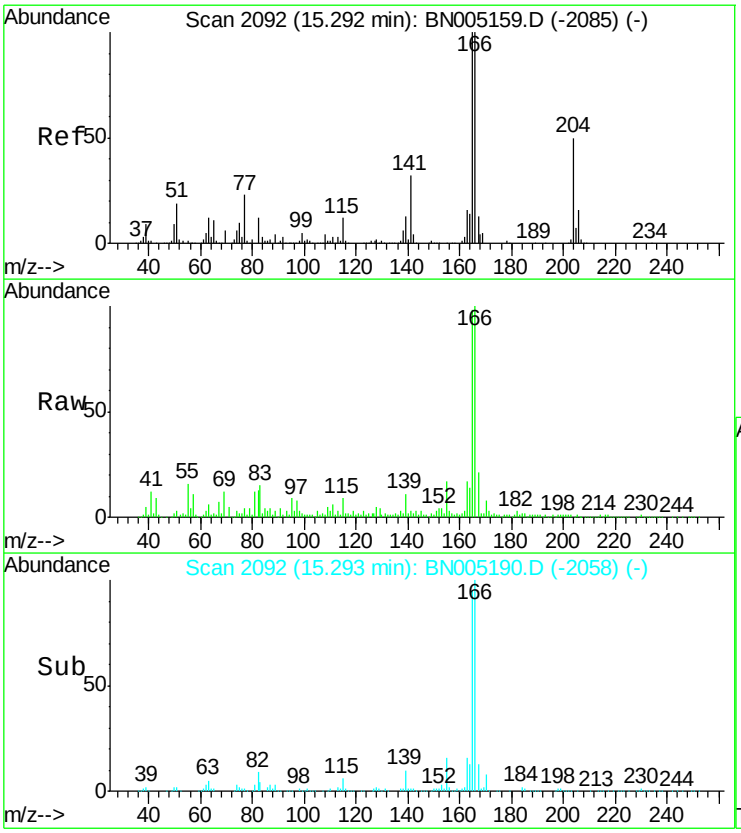
#54
2,4-Dinitrotoluene
Concen: 1.169 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:165 Resp: 35613

Ion	Ratio	Lower	Upper
165	100		
63	36.8	38.9	58.3#
182	125.6	2.6	3.8#

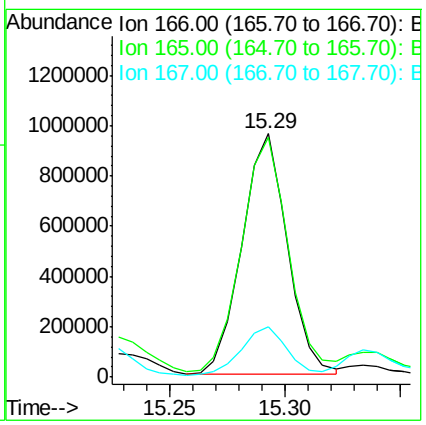


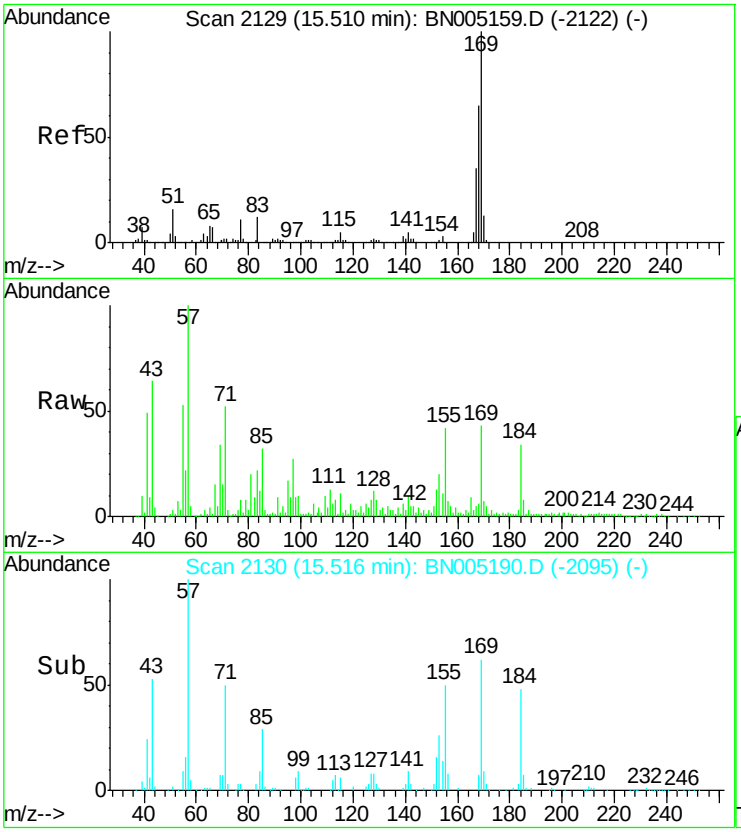


#58
Fluorene
Concen: 11.528 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:166 Resp: 1310777

Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.0	120.0
167	20.9	10.7	16.1#



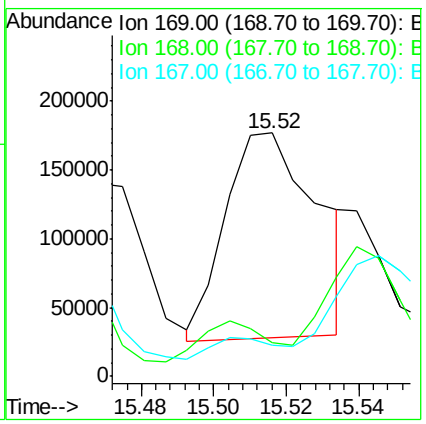


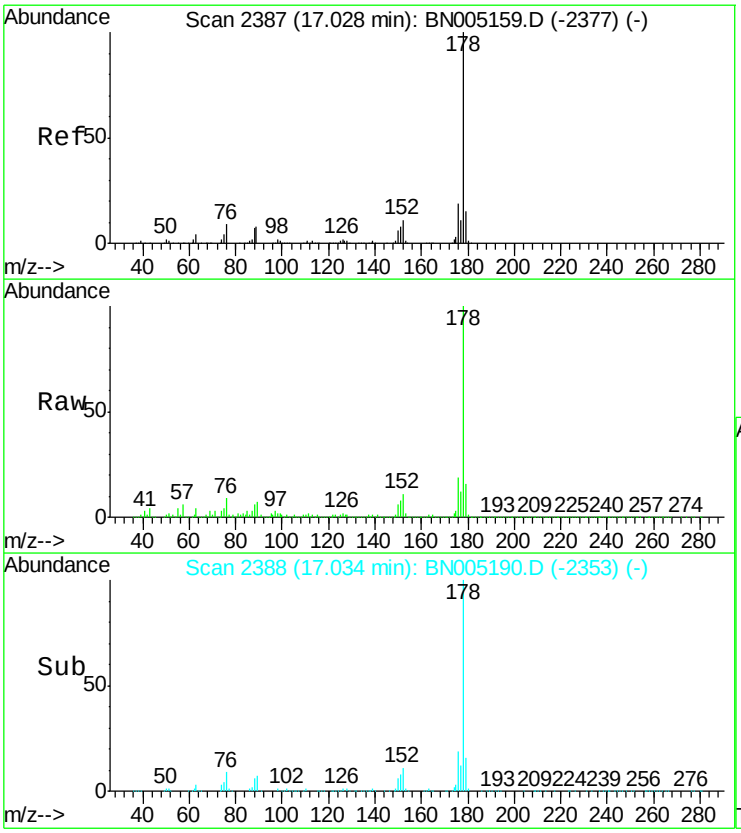
#64
N-Nitrosodiphenylamine
Concen: 2.374 ng/ul
RT: 15.52 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:169 Resp: 261818

Ion	Ratio	Lower	Upper
169	100		
168	13.9	52.2	78.2#
167	12.7	27.7	41.5#

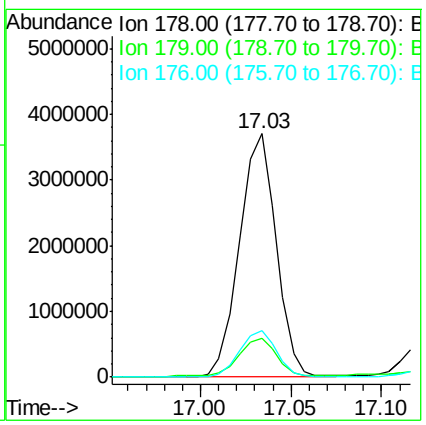


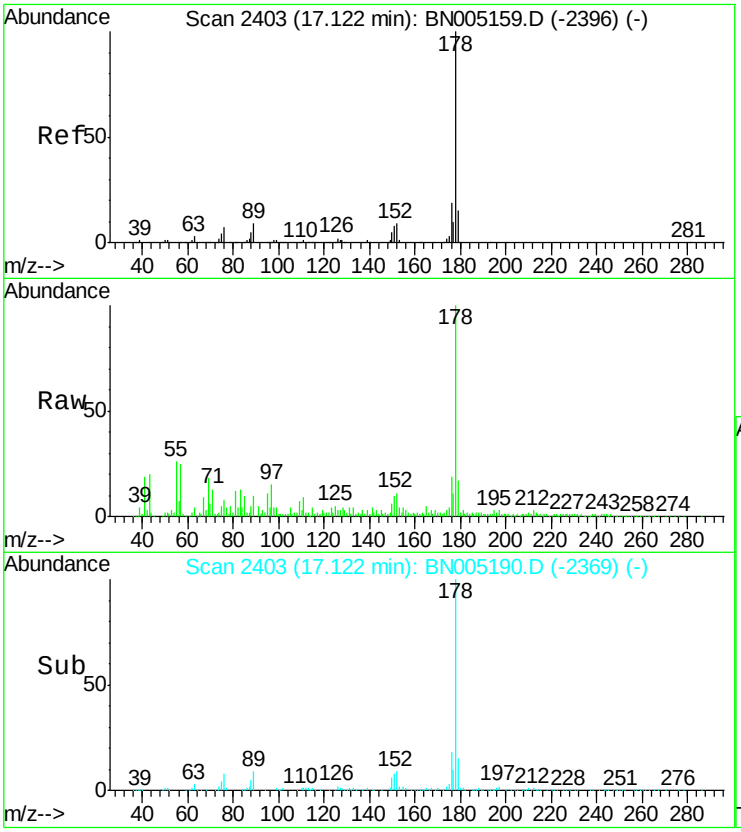


#69
Phenanthrene
Concen: 26.366 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:178 Resp: 5174873

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.2	15.1	22.7



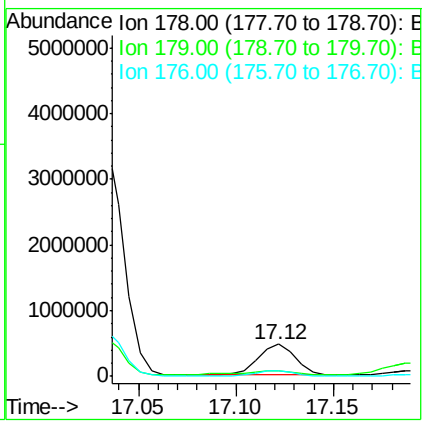


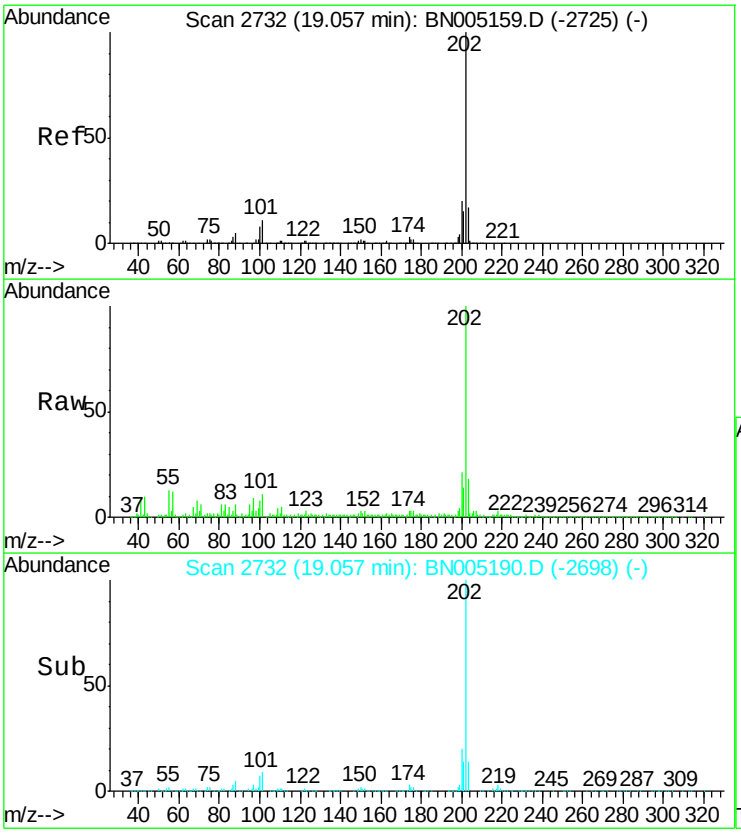
#71
Anthracene
Concen: 3.161 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:178 Resp: 631927

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.3	18.5
176	18.9	15.1	22.7

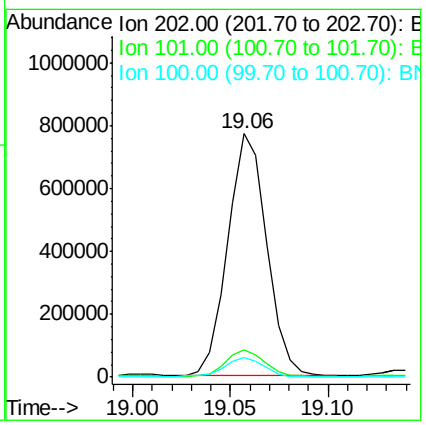


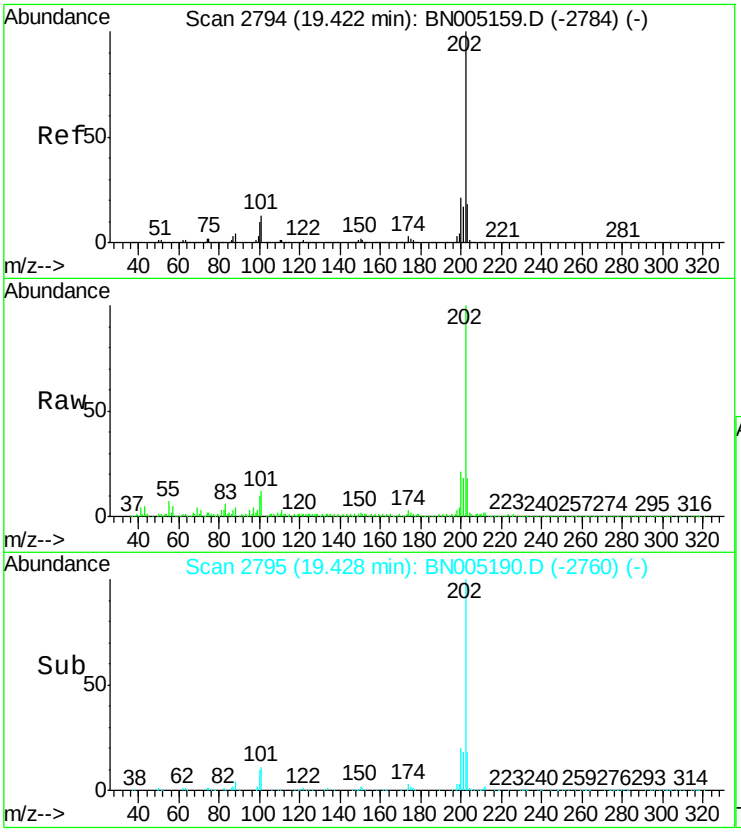


#76
Fluoranthene
Concen: 4.860 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. 0.00 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:202 Resp: 1058104

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	12.8
100	8.2	6.3	9.5



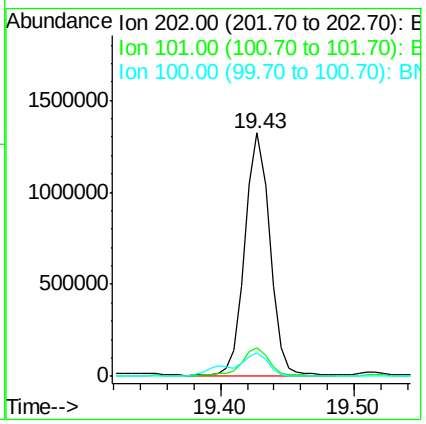


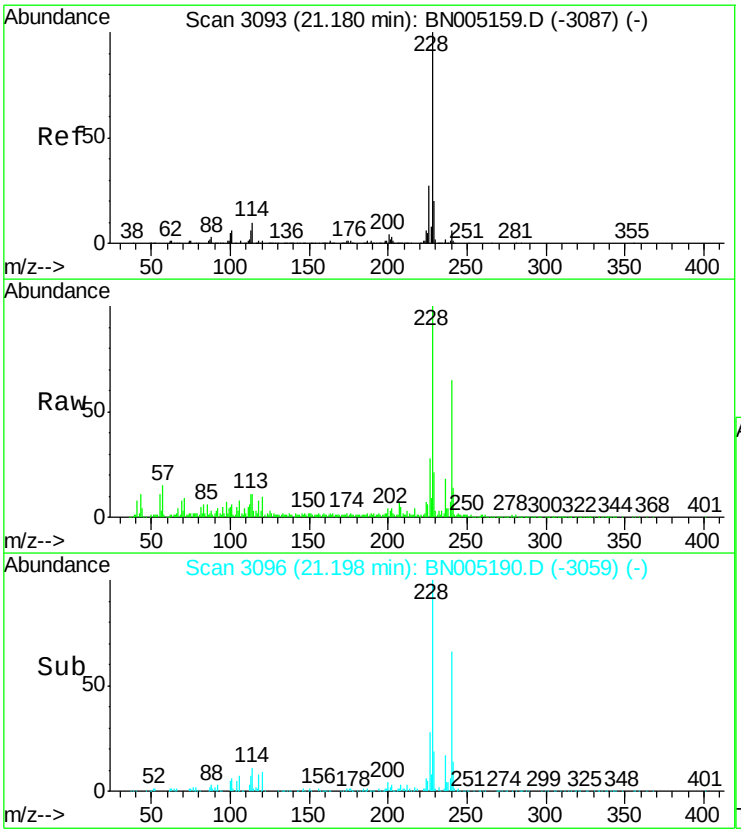
#79
Pyrene
Concen: 7.650 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:202 Resp: 1689883

Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.3	15.5
100	9.8	7.9	11.9

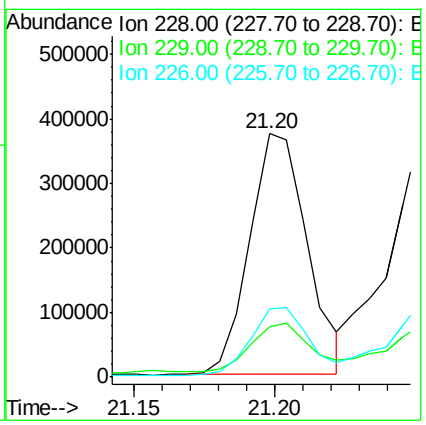


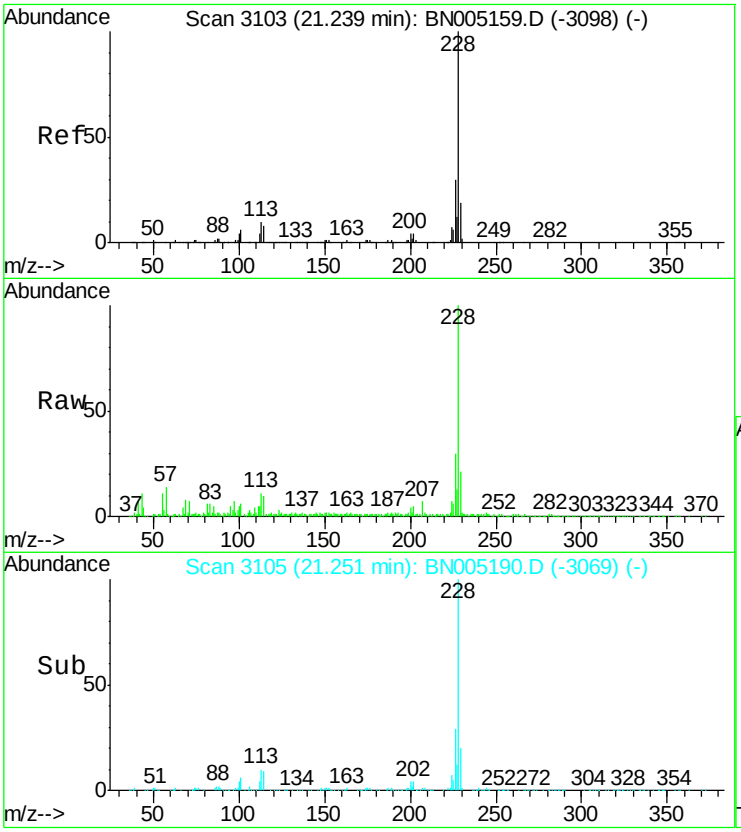


#82
Benzo(a)anthracene
Concen: 2.482 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.02 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:228 Resp: 529772

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	28.3	21.4	32.2



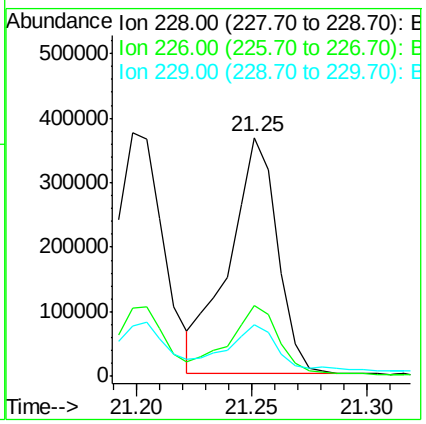


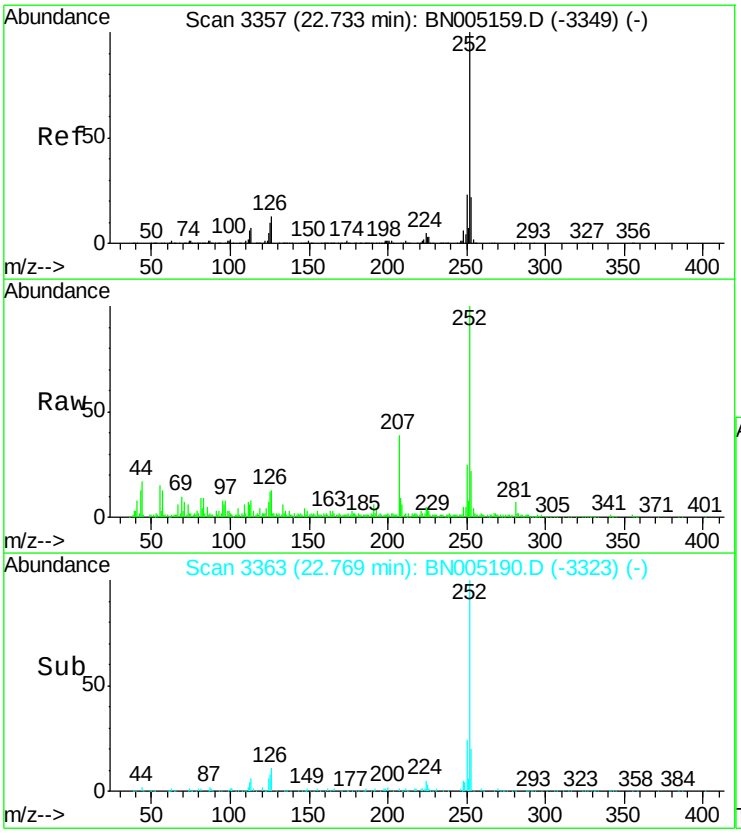
#84
Chrysene
Concen: 2.700 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:228 Resp: 534829

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.4	15.4	23.0

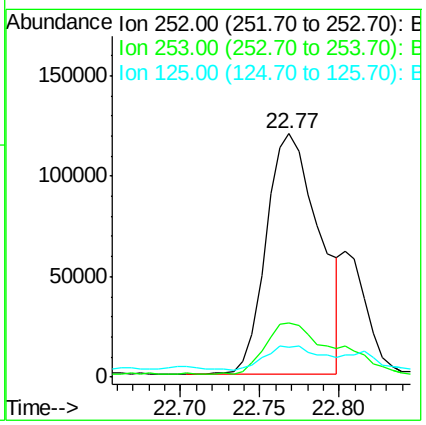


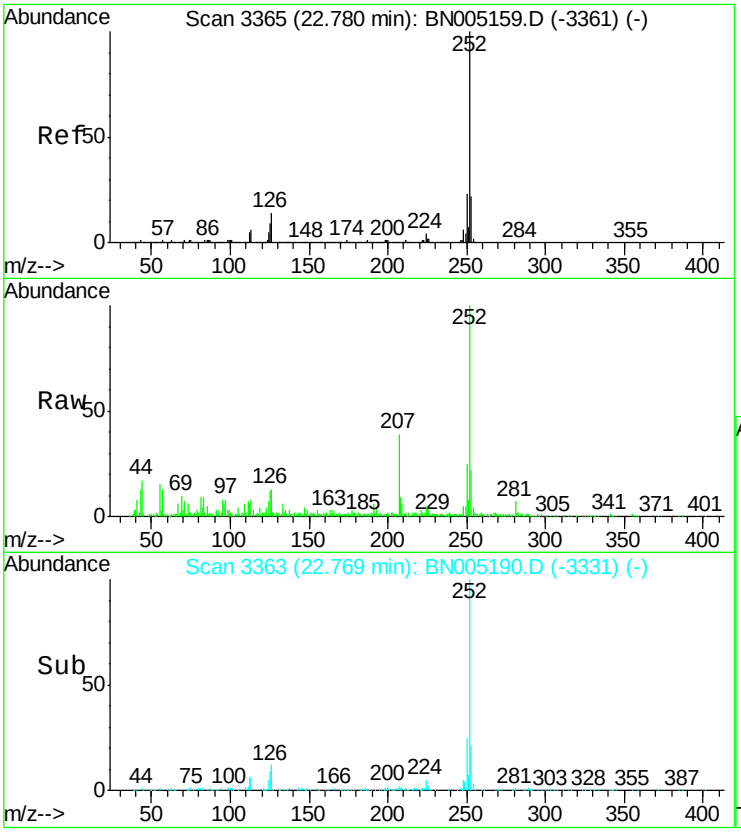


#87
Benzo(b)fluoranthene
Concen: 1.465 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.04 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Tgt Ion:252 Resp: 280738

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	12.3	8.4	12.6





#88
Benzo(k)fluoranthene
Concen: 1.534 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BN005190.D
Acq: 23 Apr 2019 00:28

Instrument :
BNA_N
ClientSampleId :
GAHR5

Tgt Ion:252 Resp: 280738

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	12.3	7.5	11.3#