

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
 Data File : BN005234.D
 Acq On : 24 Apr 2019 03:05
 Operator : JU/SJ
 Sample : K2455-04DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ6DL

Quant Time: Apr 24 08:55:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	492258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1975086	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1090123	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2162055	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1686045	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1893902	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	20029	1.96	ng/uL	0.00
5) Phenol-d5	6.78	99	462528	11.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	283415	11.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	363974	12.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	374230	12.38	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	174913	14.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	180424	14.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	370044	13.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	323544	11.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1104221	13.95	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1352812	13.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	120502	9.64	ng/ul	0.00
57) Fluorene-d10	15.23	176	891192	13.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	30976	3.19	ng/ul	0.00
70) Anthracene-d10	17.08	188	1270908	14.02	ng/ul	0.00
78) Pyrene-d10	19.40	212	1258078	14.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1141417	13.79	ng/ul	0.00

Target Compounds

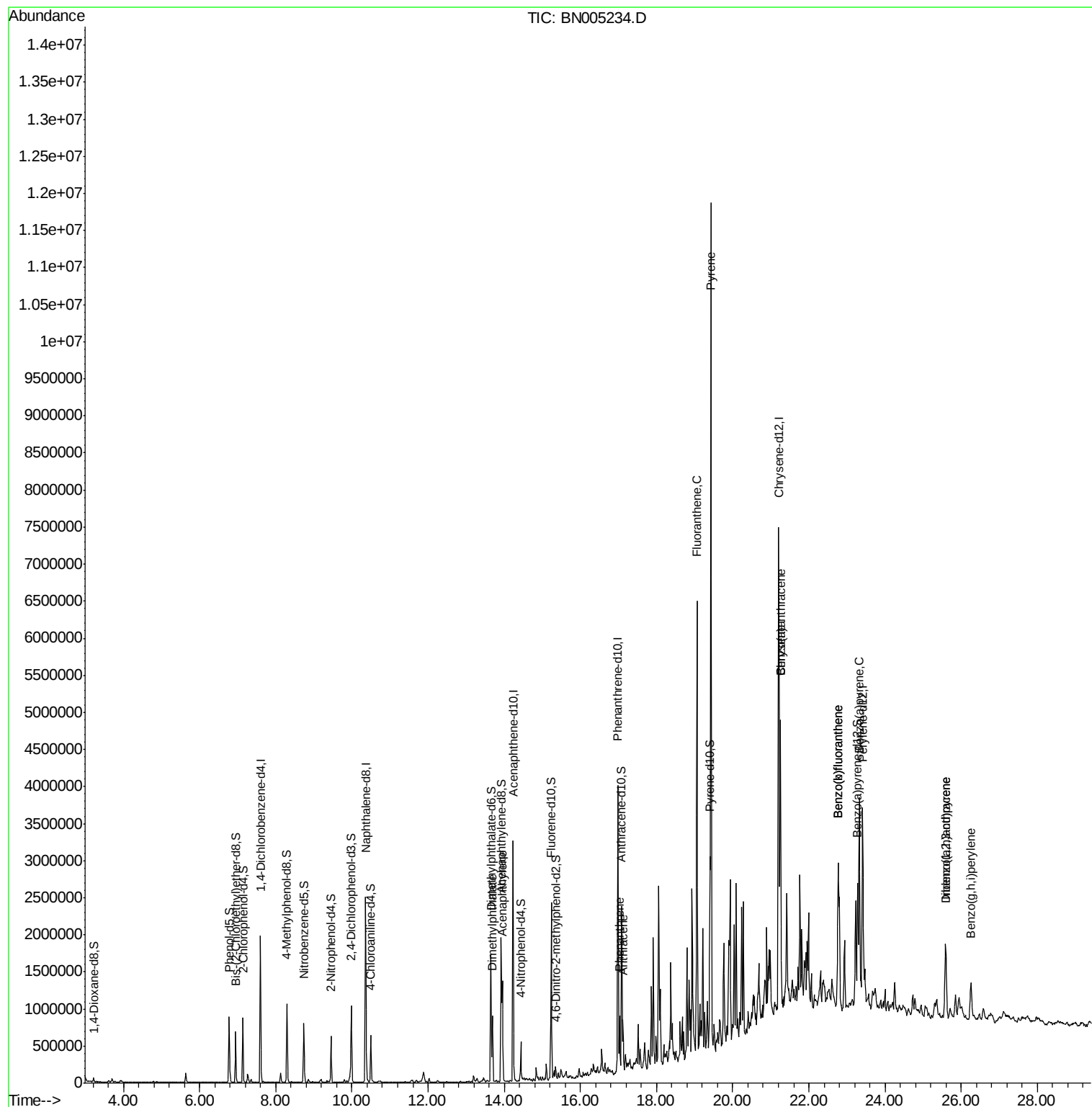
					Qvalue
44) Dimethylphthalate	13.70	163	354394	4.495	ng/ul 99
47) Acenaphthylene	13.95	152	943672	9.880	ng/ul 99
69) Phenanthrene	17.03	178	463471	4.402	ng/ul 99
71) Anthracene	17.12	178	437874	4.082	ng/ul 99
76) Fluoranthene	19.06	202	3458729	29.614	ng/ul 99
79) Pyrene	19.43	202	6962315	64.134	ng/ul 99
82) Benzo(a)anthracene	21.25	228	2292320	21.855	ng/ul 94
84) Chrysene	21.25	228	2305827	23.687	ng/ul 97
87) Benzo(b)fluoranthene	22.77	252	2391782	22.466	ng/ul 100
88) Benzo(k)fluoranthene	22.77	252	2391782	23.523	ng/ul 98
90) Benzo(a)pyrene	23.32	252	1809888	18.086	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.59	276	816567	7.381	ng/ul 97
92) Dibenzo(a,h)anthracene	25.60	278	259955	2.769	ng/ul# 93
93) Benzo(g,h,i)perylene	26.25	276	592284	6.474	ng/ul 99

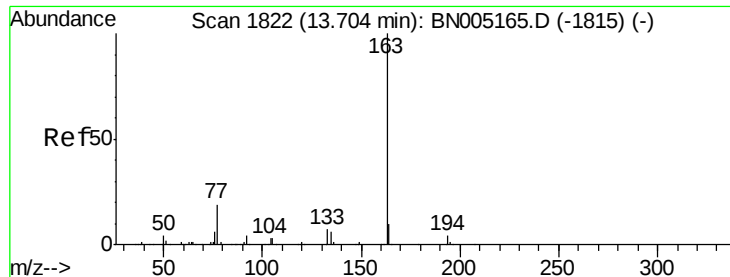
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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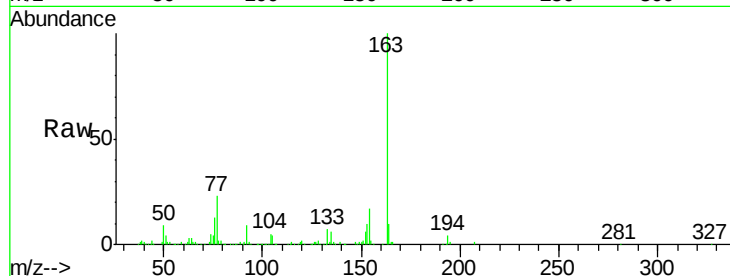




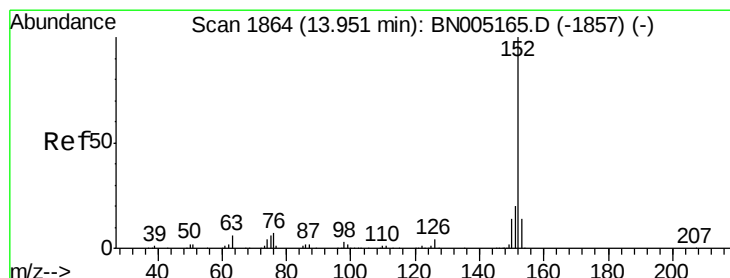
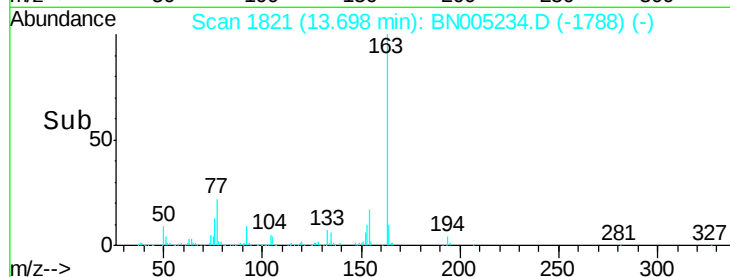
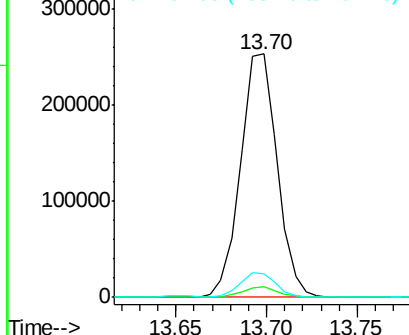
#44
Dimethylphthalate
Concen: 4.495 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Instrument :
BNA_N
ClientSampleId :
GAHQ6DL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.5	8.1	12.1

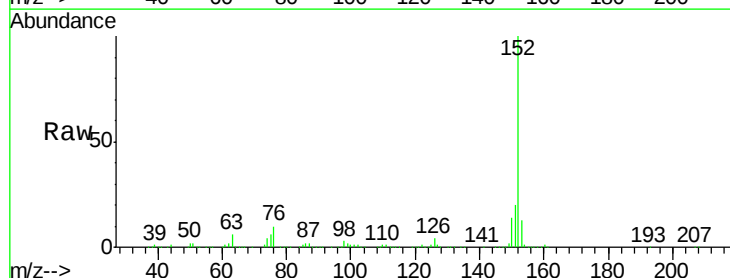


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

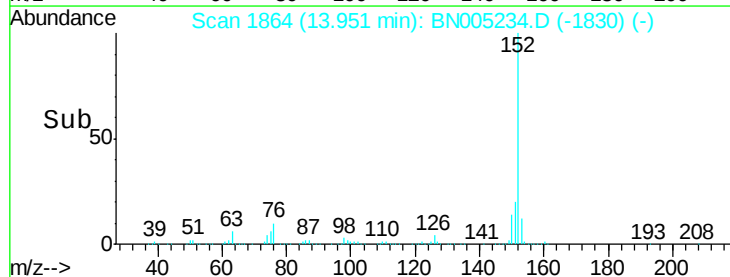
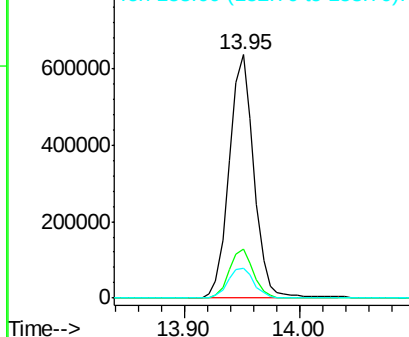


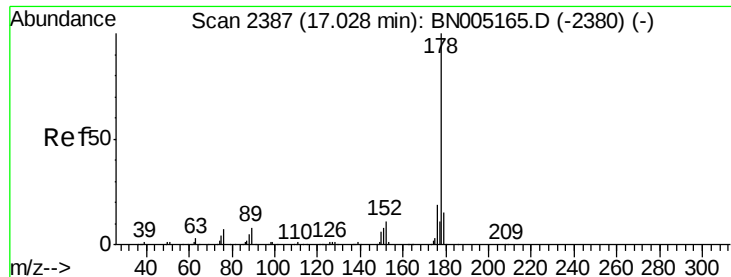
#47
Acenaphthylene
Concen: 9.880 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN005234.D
Acq: 24 Apr 2019 03:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	12.5	9.8	14.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 4.402 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

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BNA_N

ClientSampleId :

GAHQ6DL

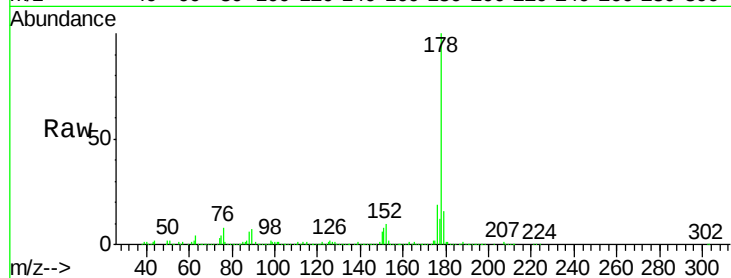
Tgt Ion:178 Resp: 463471

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

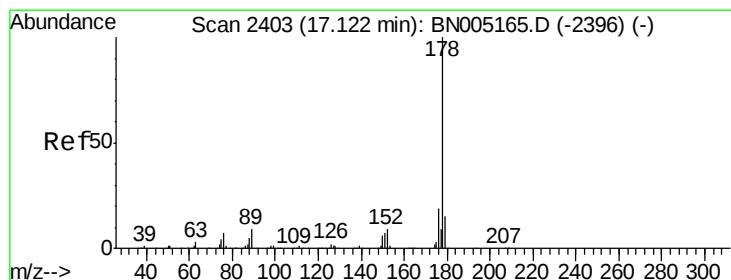
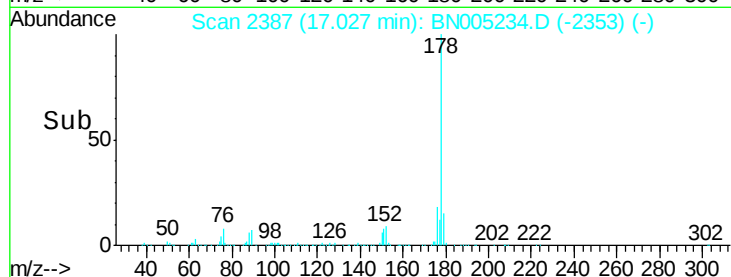
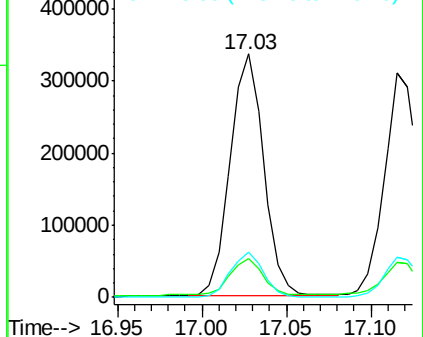
176 18.5 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 4.082 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

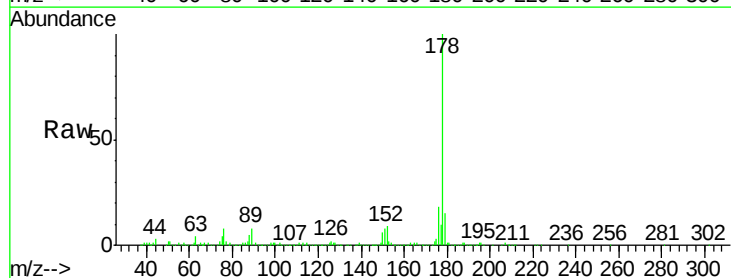
Tgt Ion:178 Resp: 437874

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

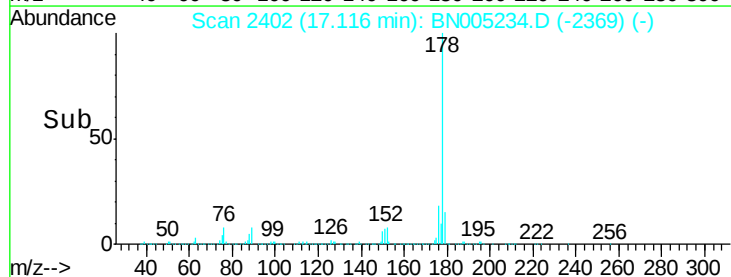
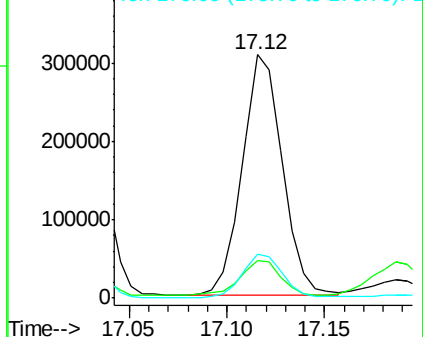
176 18.0 15.1 22.7

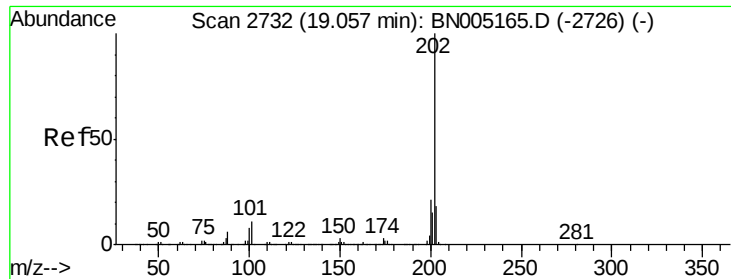


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

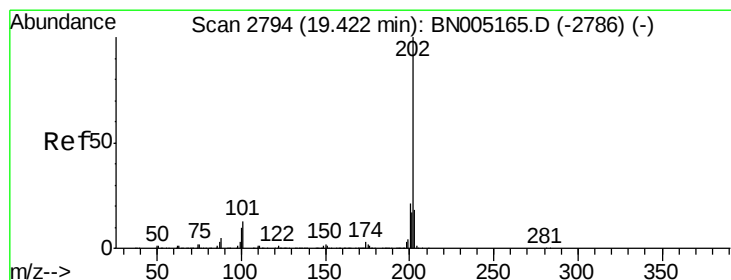
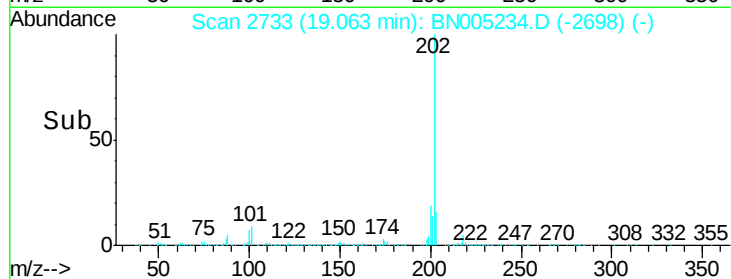
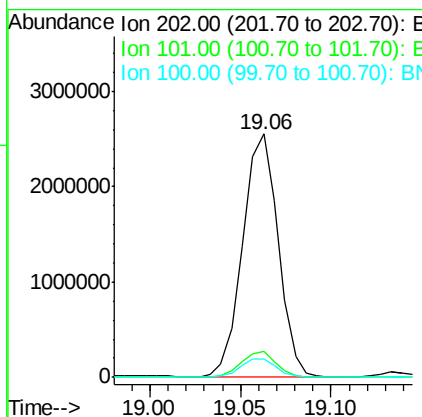
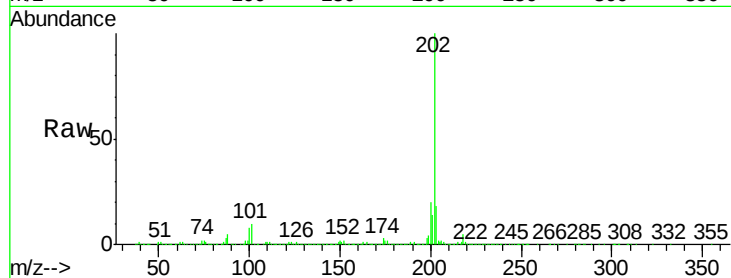




#76
 Fluoranthene
 Concen: 29.614 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.01 min
 Lab File: BN005234.D
 Acq: 24 Apr 2019 03:05

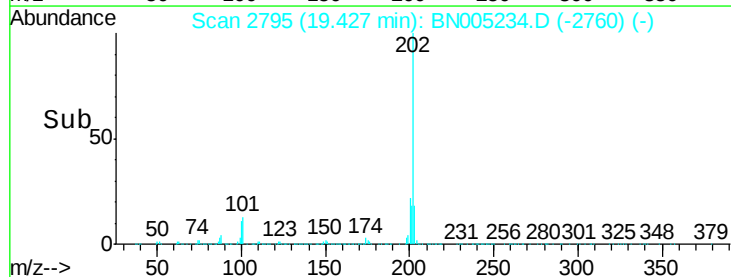
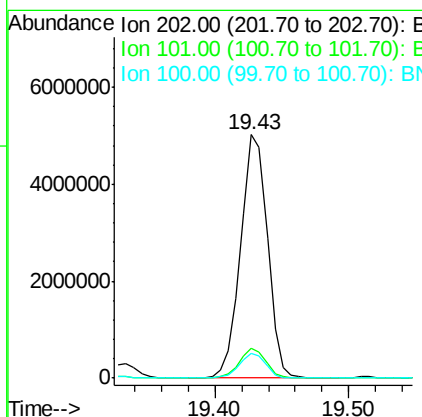
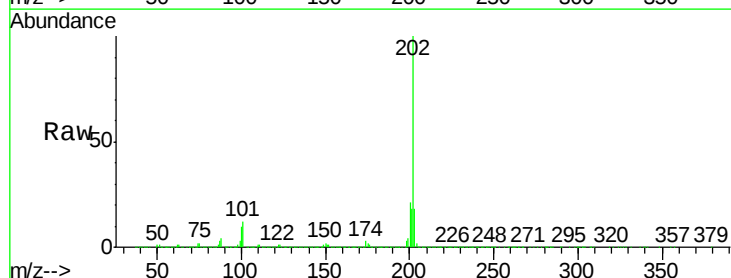
Instrument :
 BNA_N
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 GAHQ6DL

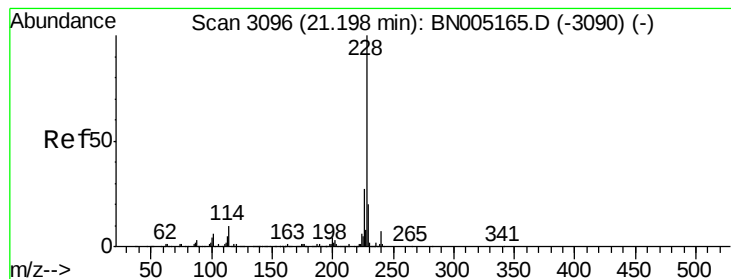
Tgt Ion:202 Resp: 3458729
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.6 12.8
 100 7.6 6.3 9.5



#79
 Pyrene
 Concen: 64.134 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: BN005234.D
 Acq: 24 Apr 2019 03:05

Tgt Ion:202 Resp: 6962315
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.3 15.5
 100 10.2 7.9 11.9





#82

Benzo(a)anthracene

Concen: 21.855 ng/u1

RT: 21.25 min Scan# 3105

Delta R.T. 0.05 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

Instrument :

BNA_N

ClientSampled :

GAHQ6DL

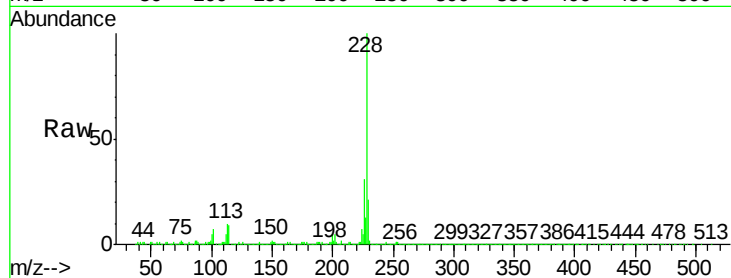
Tgt Ion:228 Resp: 2292320

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.6

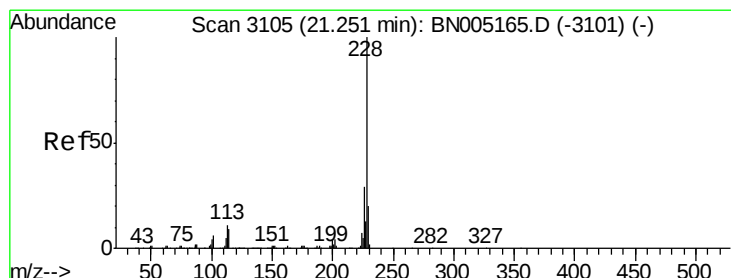
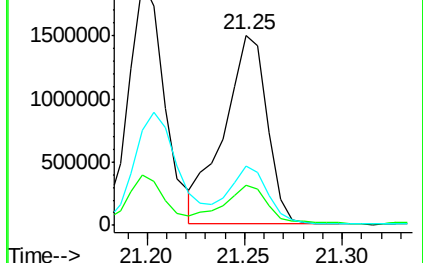
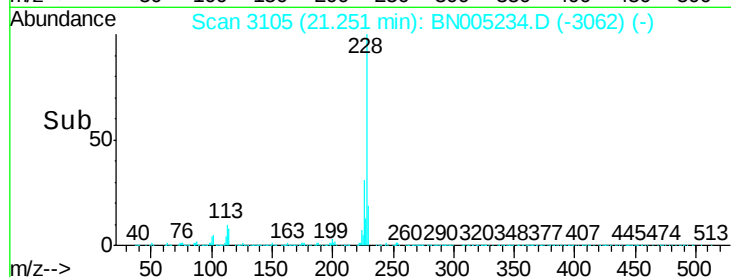
226 31.3 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 23.687 ng/u1

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

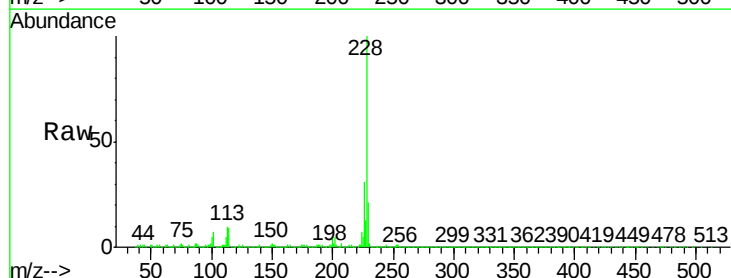
Tgt Ion:228 Resp: 2305827

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

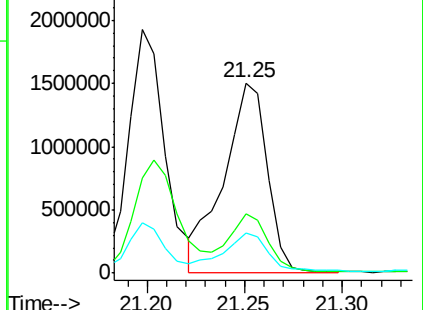
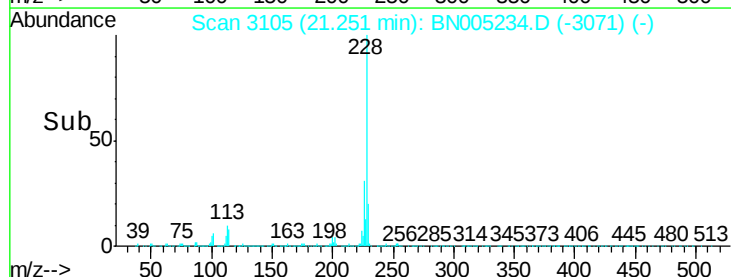
229 20.9 15.4 23.0

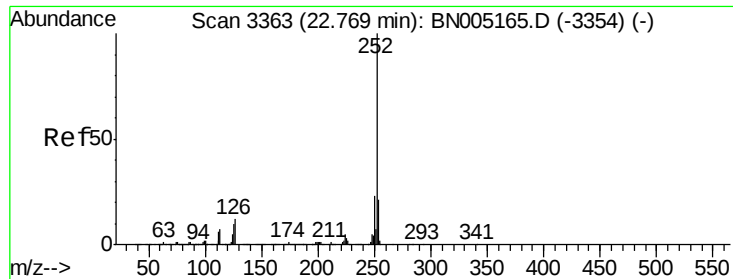


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 22.466 ng/u1

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

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BNA_N

ClientSampleId :

GAHQ6DL

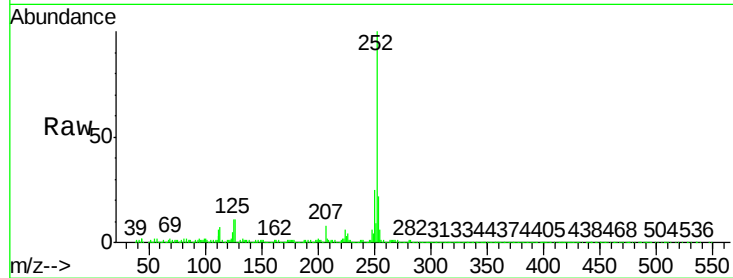
Tgt Ion:252 Resp: 2391782

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

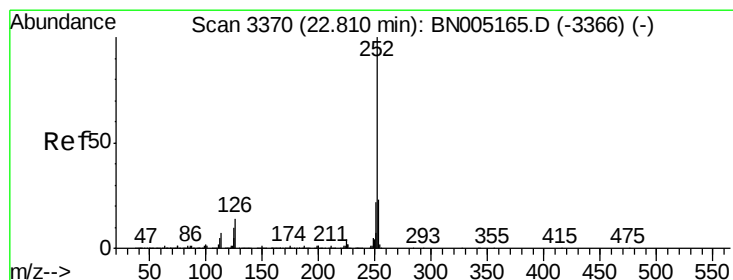
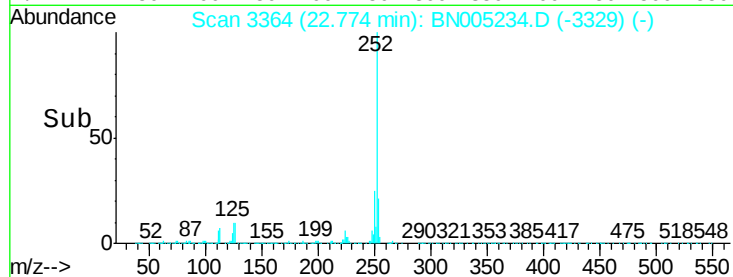
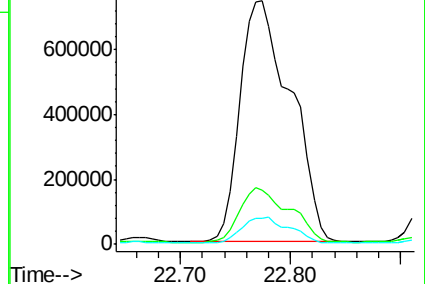
125 10.8 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 23.523 ng/u1

RT: 22.77 min Scan# 3364

Delta R.T. -0.04 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

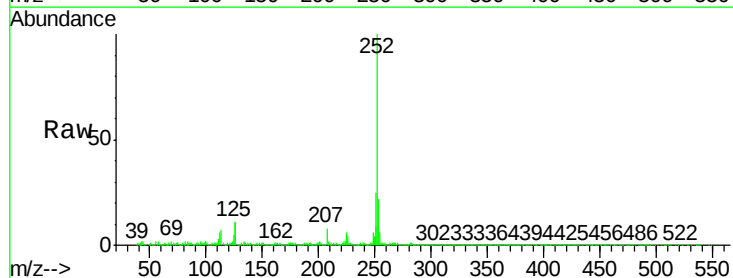
Tgt Ion:252 Resp: 2391782

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

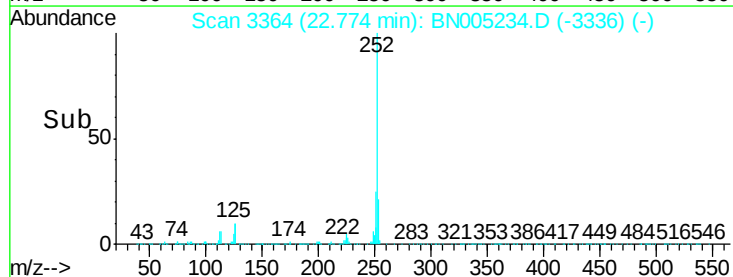
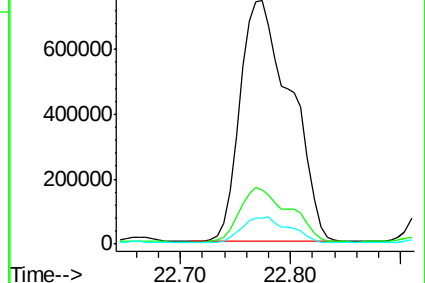
125 10.8 7.5 11.3

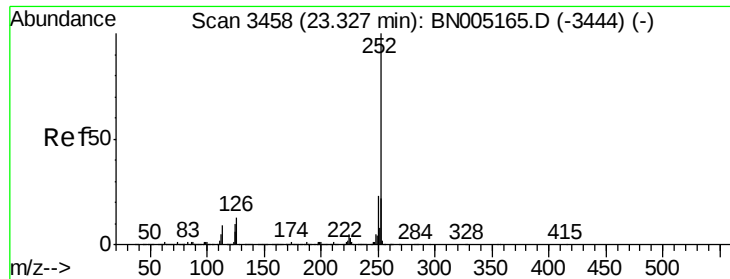


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 18.086 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN005234.D

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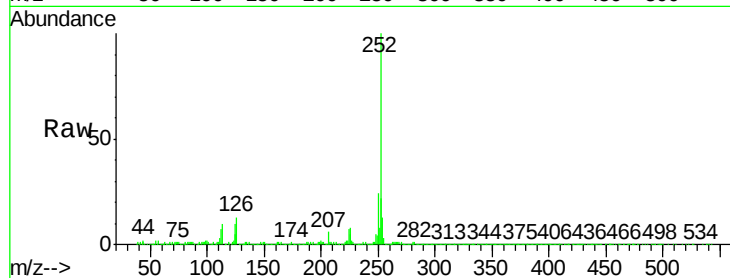
Tgt Ion:252 Resp: 1809888

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

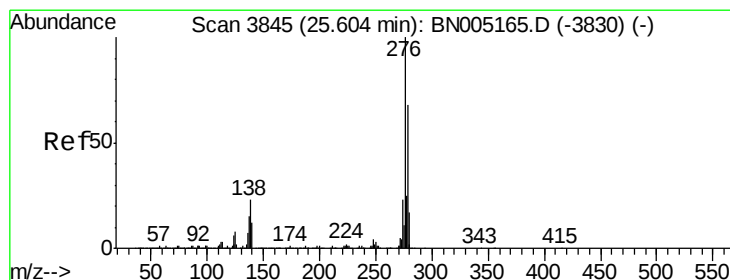
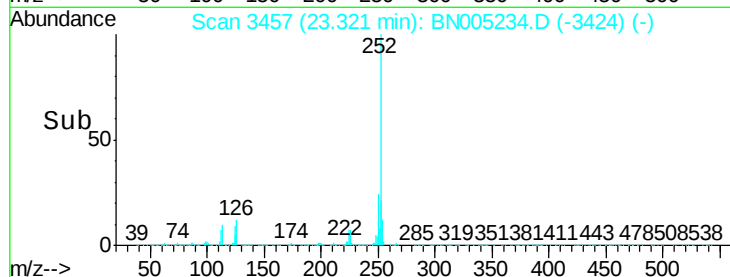
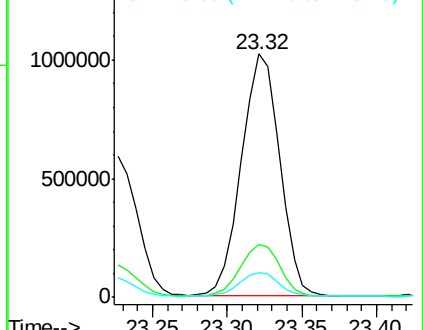
125 10.0 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 7.381 ng/ul

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

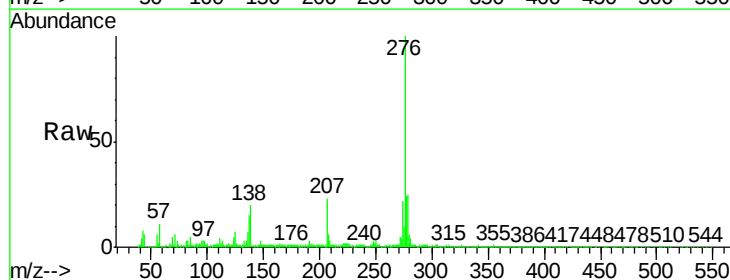
Tgt Ion:276 Resp: 816567

Ion Ratio Lower Upper

276 100

138 20.1 17.9 26.9

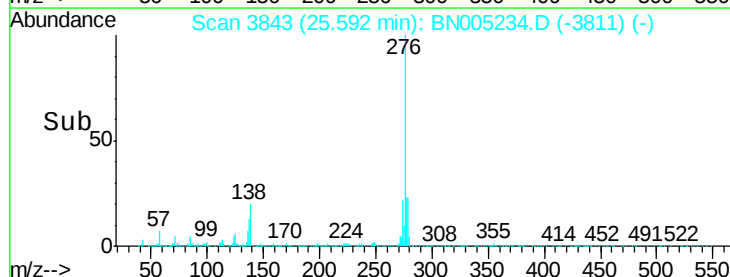
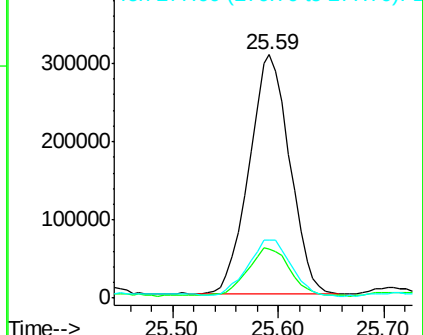
277 23.7 19.7 29.5

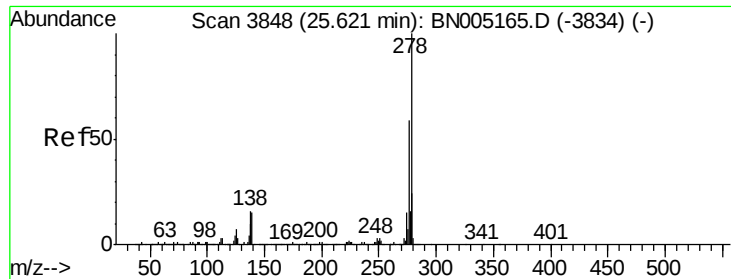


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 2.769 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN005234.D

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Instrument :

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GAHQ6DL

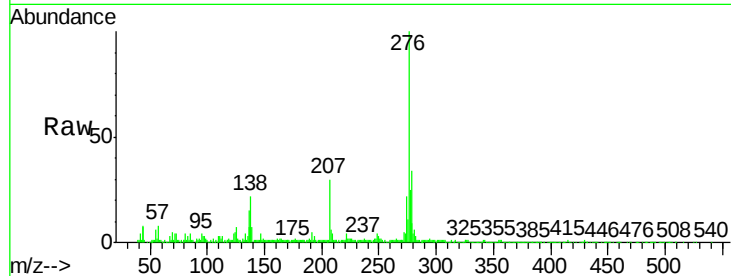
Tgt Ion:278 Resp: 259955

Ion Ratio Lower Upper

278 100

139 19.8 13.1 19.7#

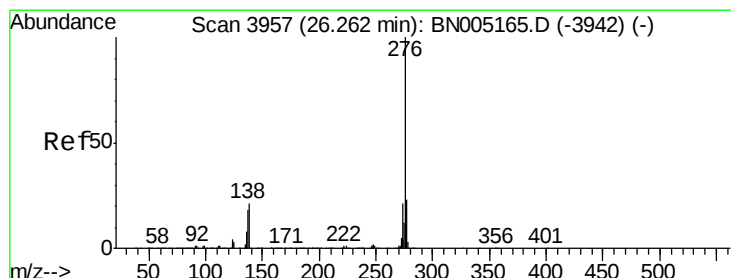
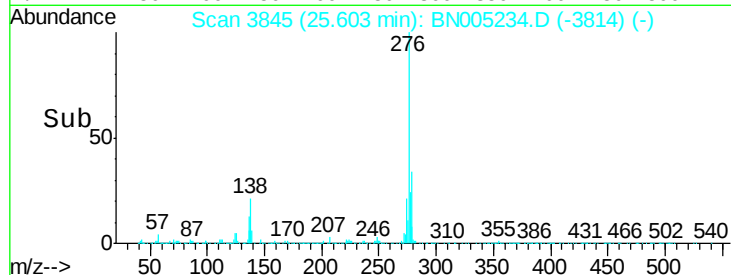
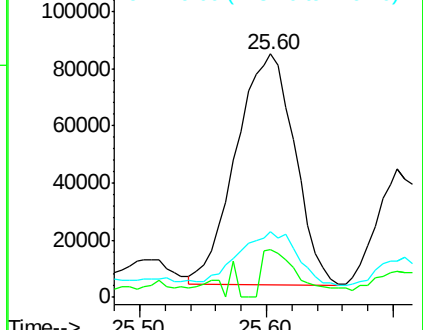
279 26.9 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 6.474 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.01 min

Lab File: BN005234.D

Acq: 24 Apr 2019 03:05

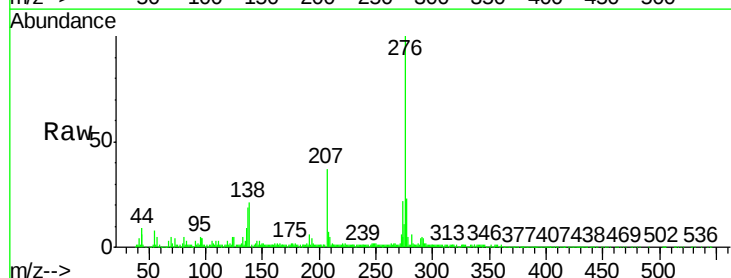
Tgt Ion:276 Resp: 592284

Ion Ratio Lower Upper

276 100

138 21.0 16.7 25.1

277 23.1 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

