

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
 Data File : BN005624.D
 Acq On : 11 May 2019 13:42
 Operator : JU/SJ
 Sample : K2603-06MEDL 30X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58MEDL

Quant Time: May 11 23:20:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 11 23:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	214949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	956116	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	596704	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1327617	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	997089	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	962442	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	162	0.04	ng/uL	0.01
5) Phenol-d5	6.79	99	7958	0.47	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	7198	0.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	8812	0.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	7470	0.57	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	3168	0.54	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	3897	0.65	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.03	165	2688	0.20	ng/ul	0.06
29) 4-Chloroaniline-d4	10.56	131	4762	0.34	ng/ul	0.07
43) Dimethylphthalate-d6	13.64	166	45930	1.06	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	53479	1.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	789	0.12	ng/ul	0.07
57) Fluorene-d10	15.22	176	45139	1.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	484	0.08	ng/ul	0.04
70) Anthracene-d10	17.07	188	65575	1.18	ng/ul	0.00
78) Pyrene-d10	19.39	212	68413	1.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	46711	1.11	ng/ul	0.01

Target Compounds

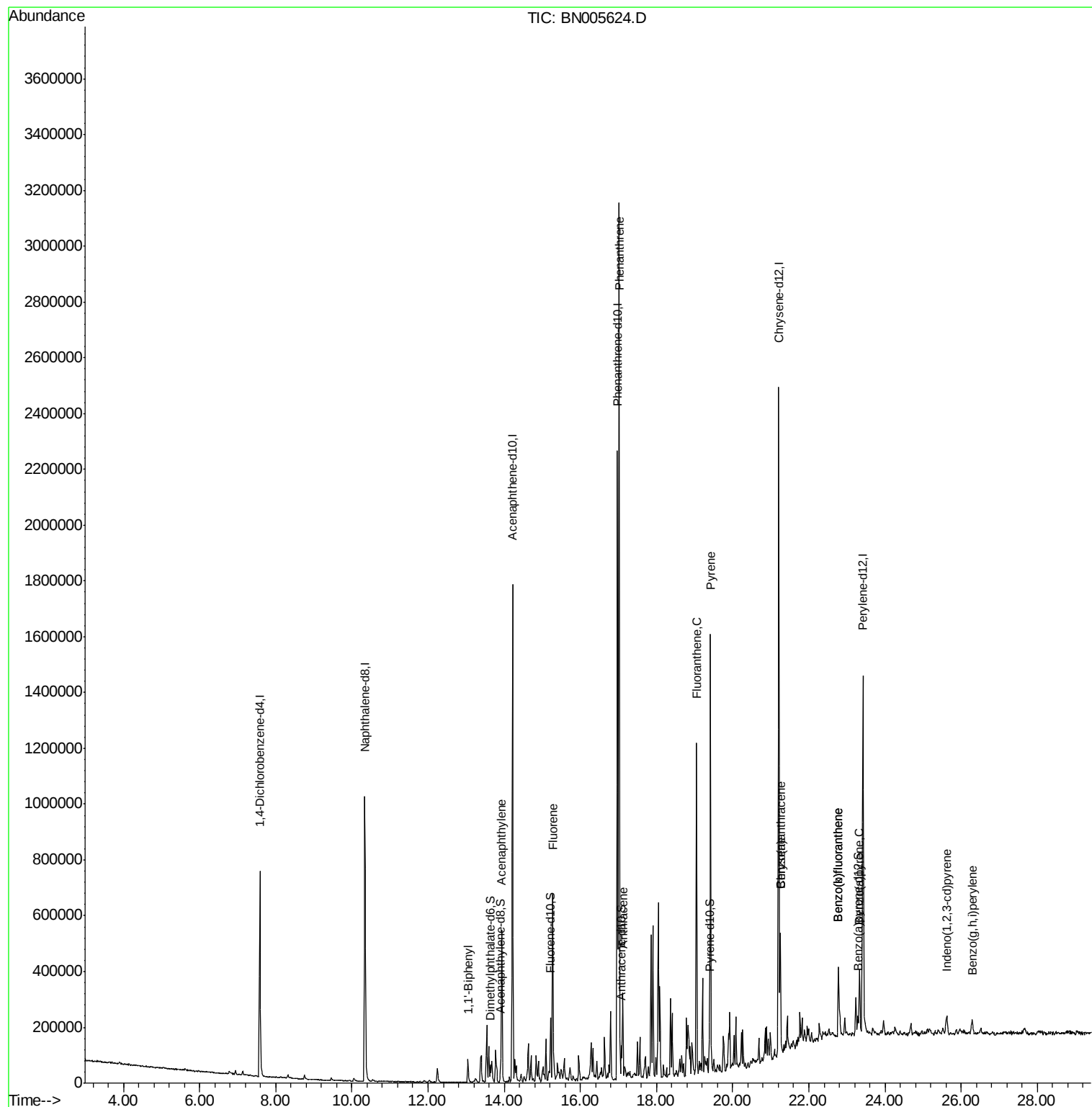
					Qvalue	
40) 1,1'-Biphenyl	13.05	154	51025	1.148	ng/ul#	96
47) Acenaphthylene	13.93	152	364968	6.981	ng/ul	98
58) Fluorene	15.27	166	320503	7.993	ng/ul	97
69) Phenanthrene	17.02	178	1902219	29.420	ng/ul	100
71) Anthracene	17.11	178	201873	3.065	ng/ul	98
76) Fluoranthene	19.05	202	703736	9.813	ng/ul#	94
79) Pyrene	19.42	202	965764	15.043	ng/ul#	94
82) Benzo(a)anthracene	21.25	228	252740	4.075	ng/ul	95
84) Chrysene	21.25	228	252414	4.385	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	163355	3.019	ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	163355	3.161	ng/ul	99
90) Benzo(a)pyrene	23.33	252	118047	2.321	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.62	276	69128	1.230	ng/ul#	92
93) Benzo(g,h,i)perylene	26.29	276	62977	1.355	ng/ul#	92

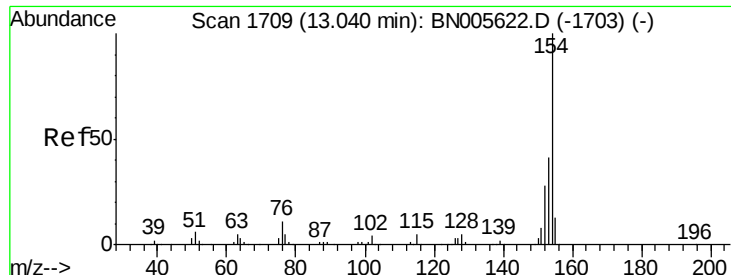
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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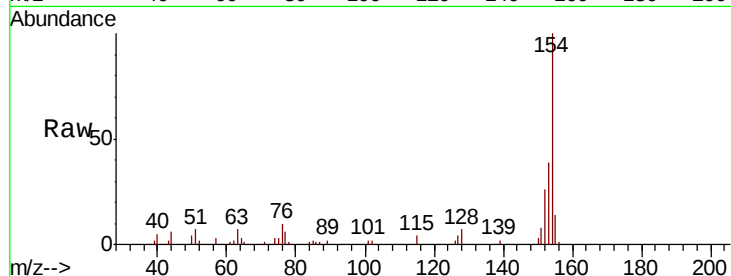




#40
 1,1'-Biphenyl
 Concen: 1.148 ng/ul
 RT: 13.05 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58MEDL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	32.6	49.0
76	9.7	10.4	15.6#

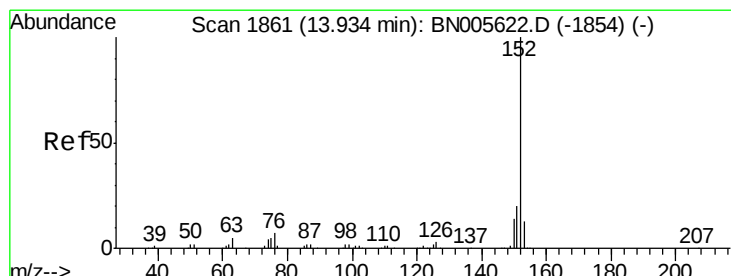
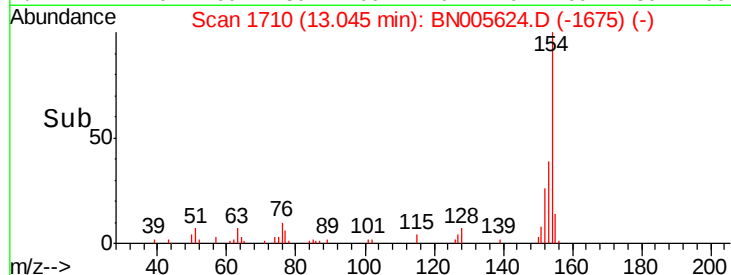
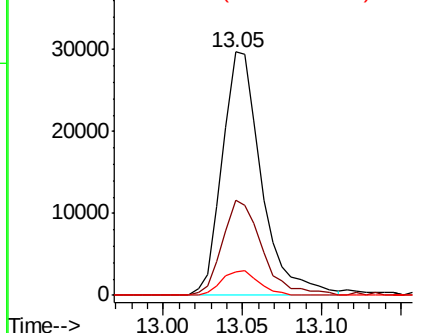


Abundance

Ion 154.00 (153.70 to 154.70): E

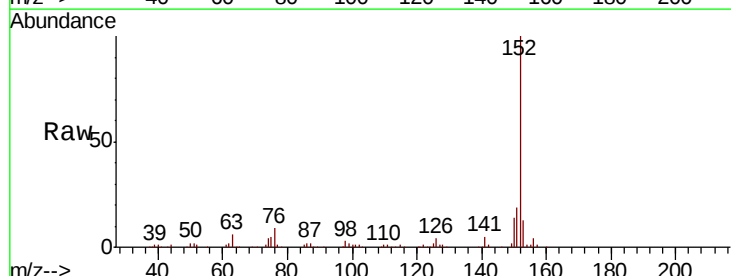
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BN0



#47
 Acenaphthylene
 Concen: 6.981 ng/ul
 RT: 13.93 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8
153	13.4	9.8	14.8

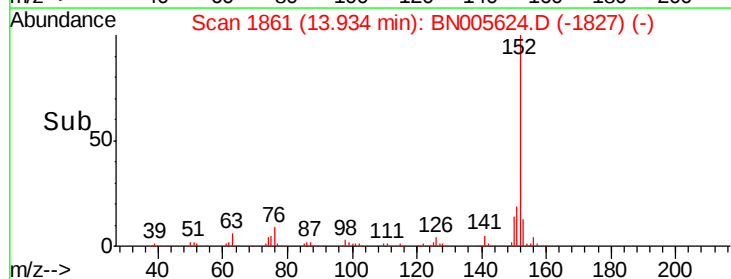
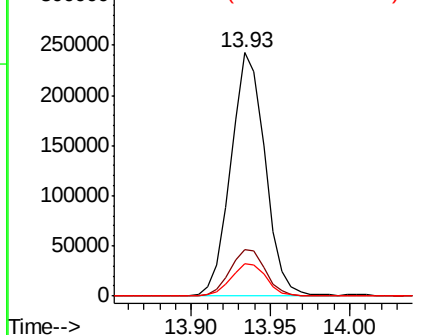


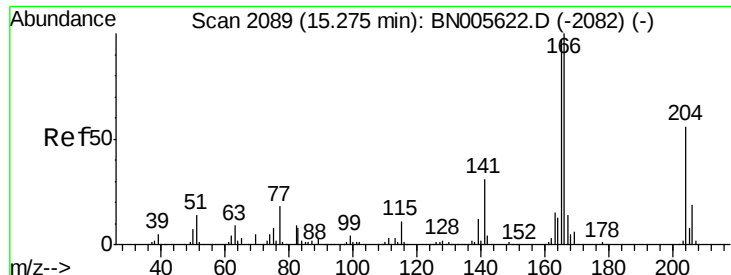
Abundance

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





#58

Fluorene

Concen: 7.993 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Instrument :

BNA_N

ClientSampleId :

GAJ58MEDL

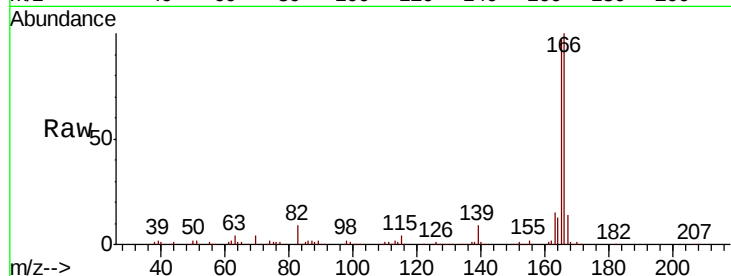
Tgt Ion:166 Resp: 320503

Ion Ratio Lower Upper

166 100

165 96.6 80.0 120.0

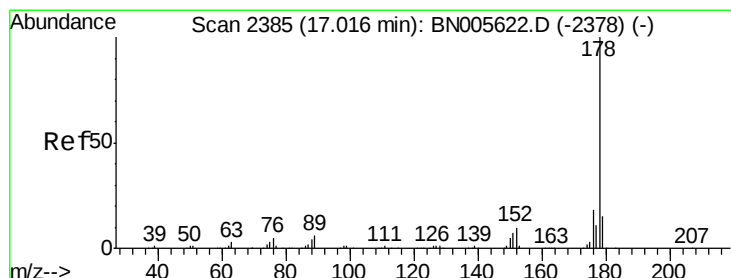
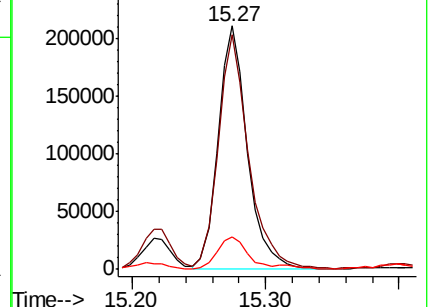
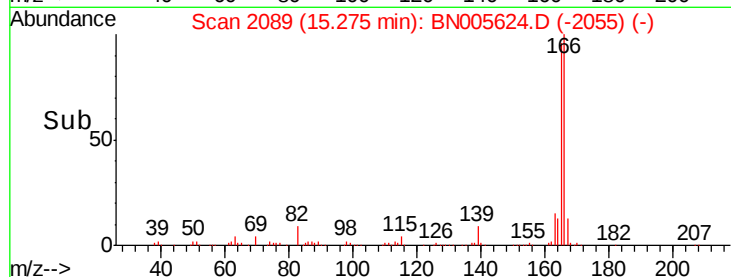
167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 29.420 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

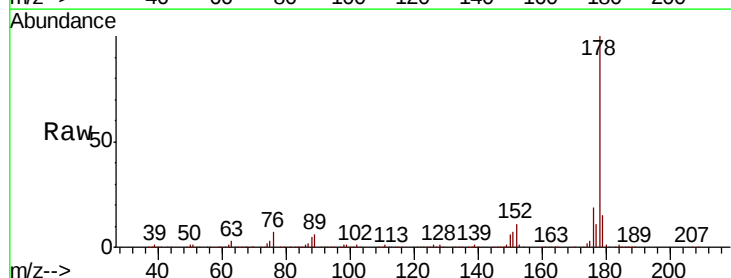
Tgt Ion:178 Resp: 1902219

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

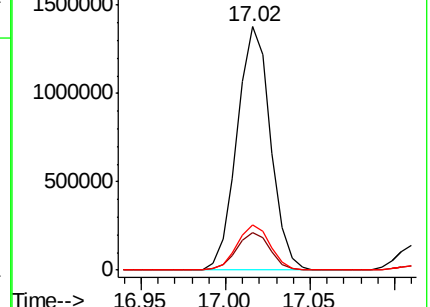
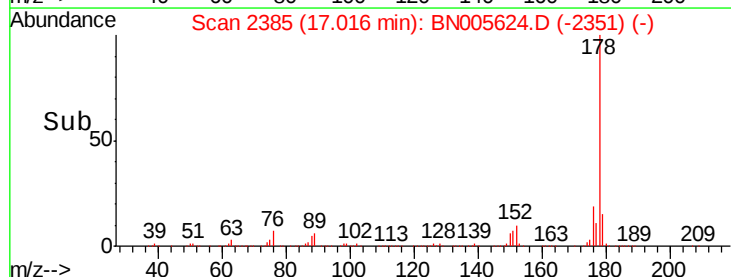
176 18.6 15.1 22.7

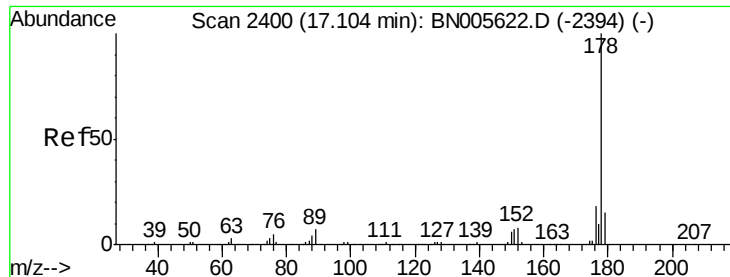


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

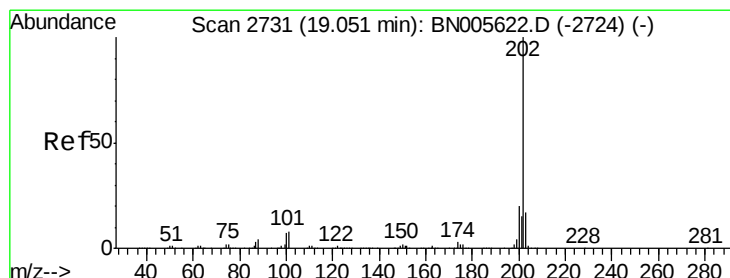
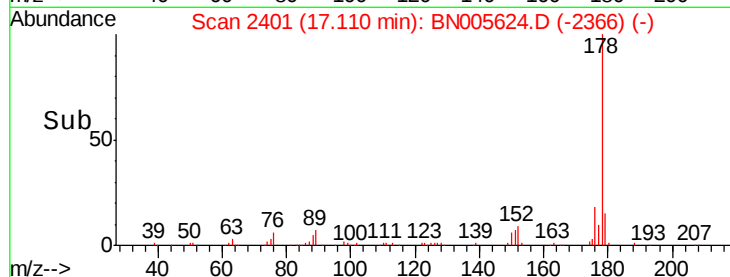
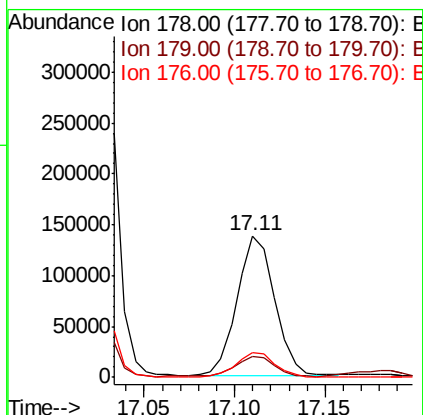
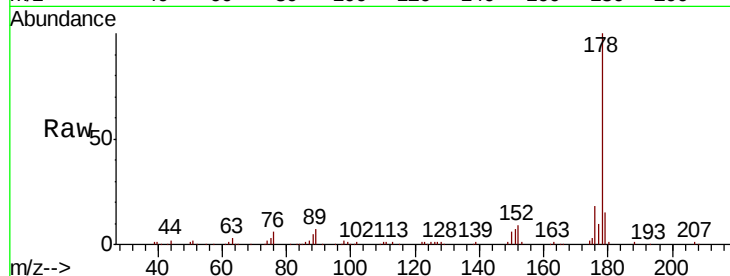




#71
 Anthracene
 Concen: 3.065 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. 0.01 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

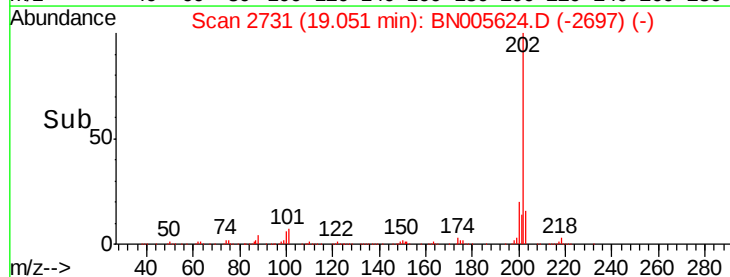
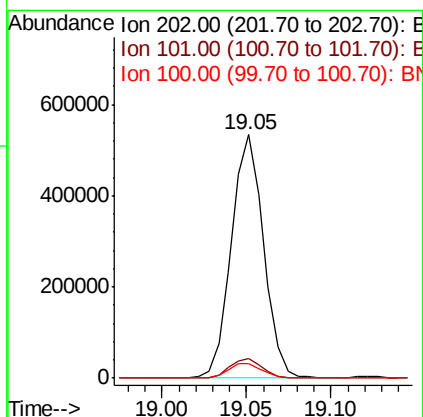
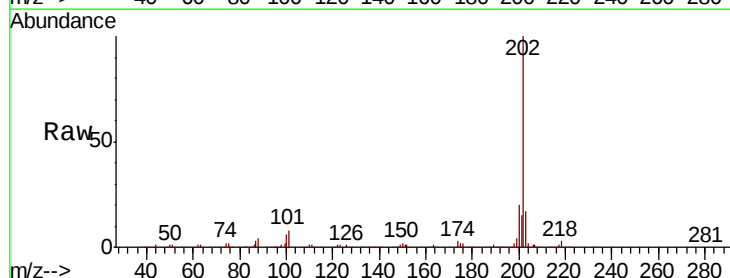
Instrument :
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 GAJ58MEDL

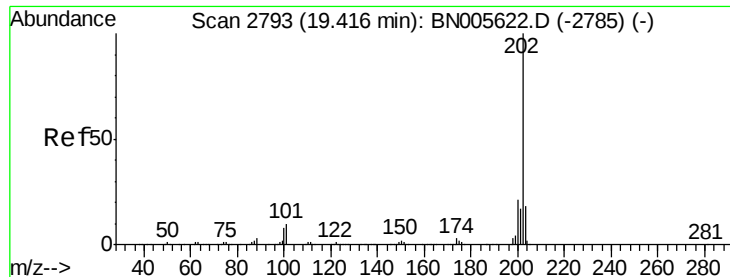
Tgt Ion:178 Resp: 201873
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.3 18.5
 176 17.7 15.1 22.7



#76
 Fluoranthene
 Concen: 9.813 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

Tgt Ion:202 Resp: 703736
 Ion Ratio Lower Upper
 202 100
 101 8.0 8.6 12.8#
 100 6.0 6.3 9.5#

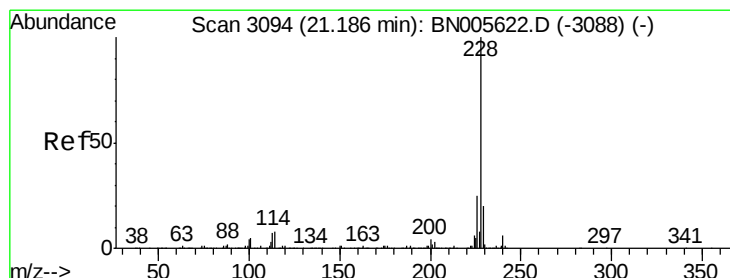
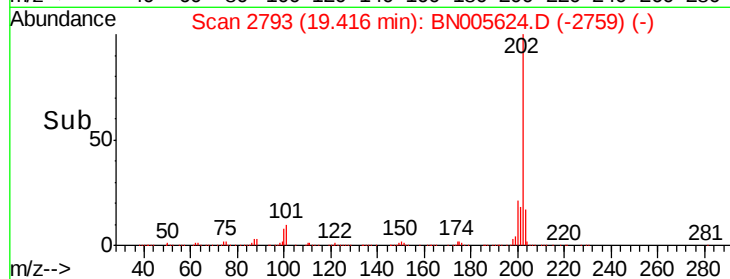
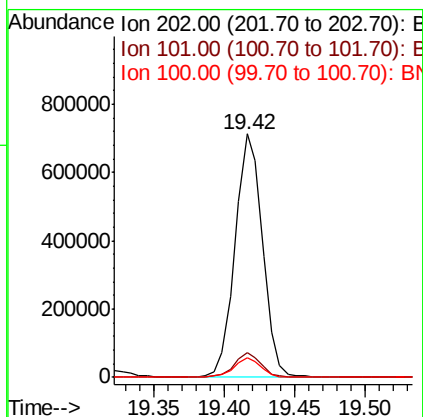
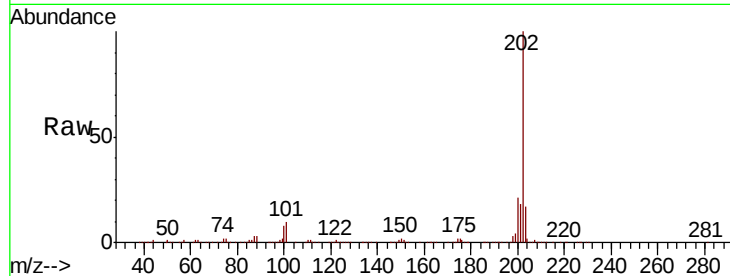




#79
 Pyrene
 Concen: 15.043 ng/u1
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

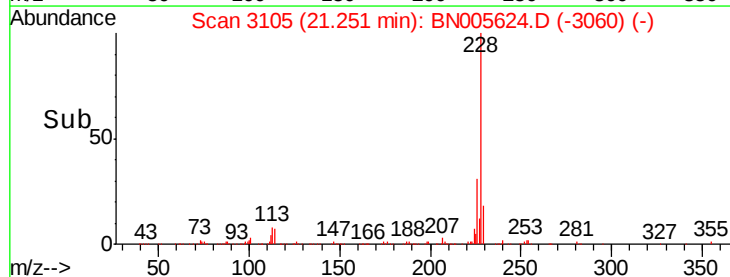
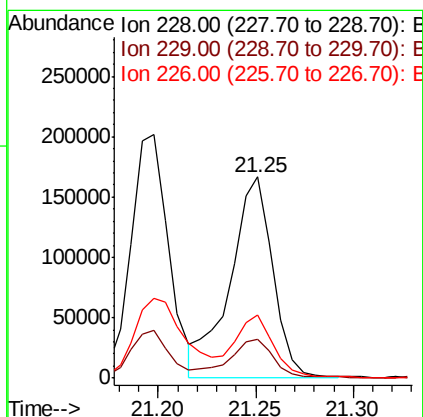
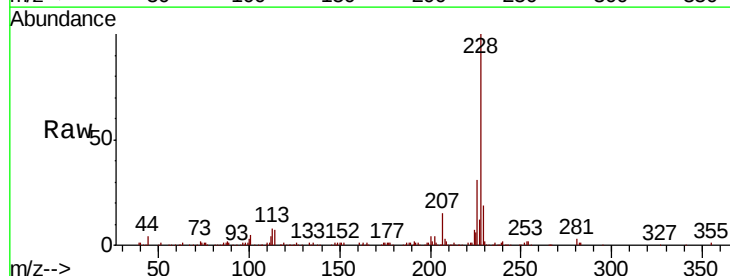
Instrument :
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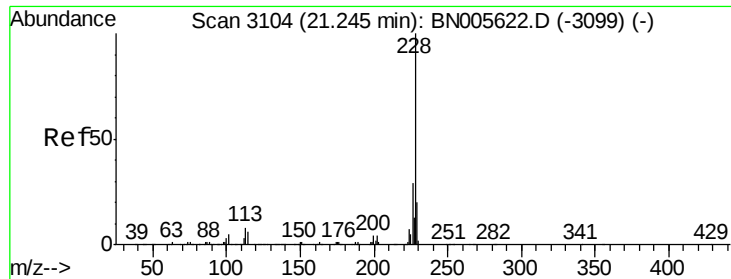
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.3	15.5#
100	8.0	7.9	11.9



#82
 Benzo(a)anthracene
 Concen: 4.075 ng/u1
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.06 min
 Lab File: BN005624.D
 Acq: 11 May 2019 13:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.8	23.6
226	31.2	21.4	32.2





#84

Chrysene

Concen: 4.385 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Instrument :

BNA_N

ClientSampled :

GAJ58MEDL

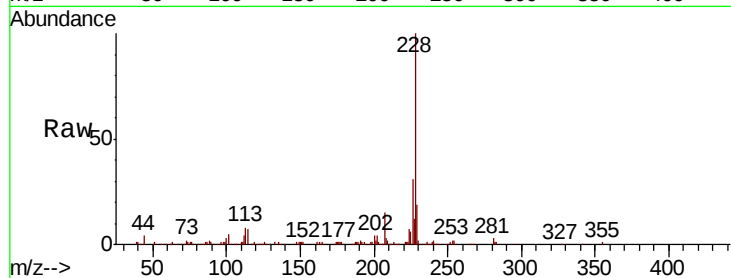
Tgt Ion:228 Resp: 252414

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

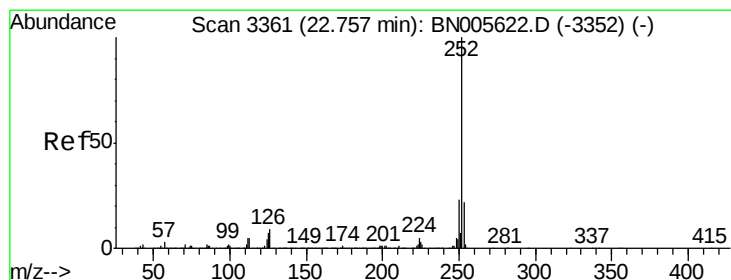
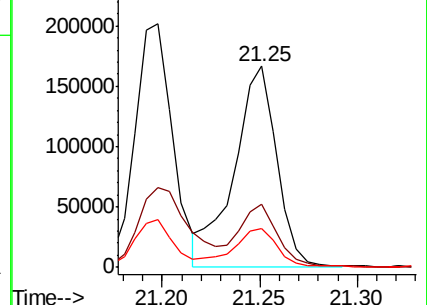
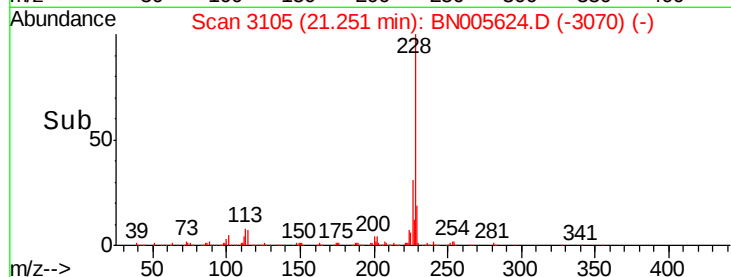
229 19.2 15.4 23.0



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: 3.019 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.02 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

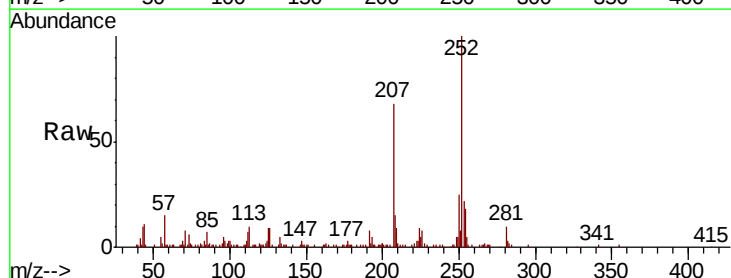
Tgt Ion:252 Resp: 163355

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

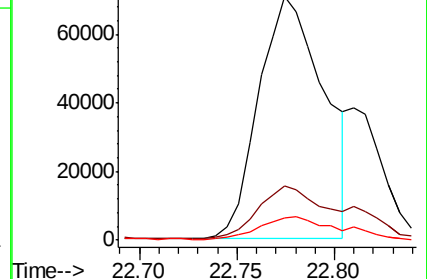
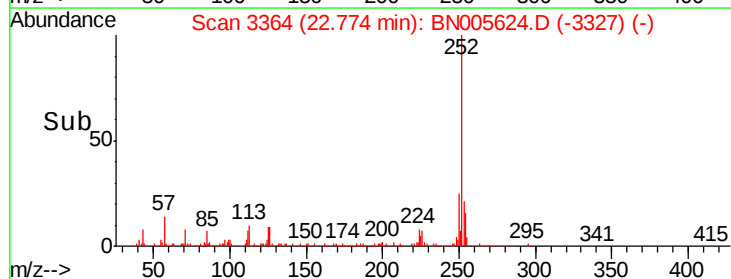
125 9.2 8.4 12.6

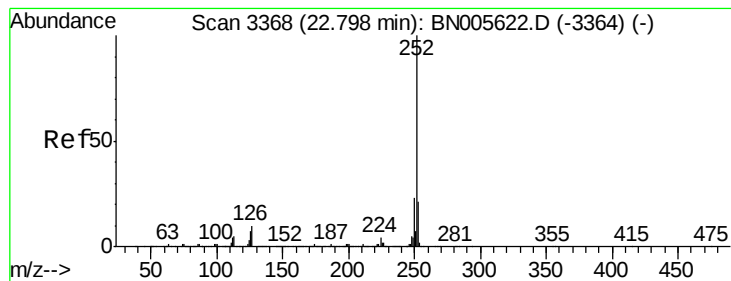


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.161 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.02 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Instrument :

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ClientSampleId :

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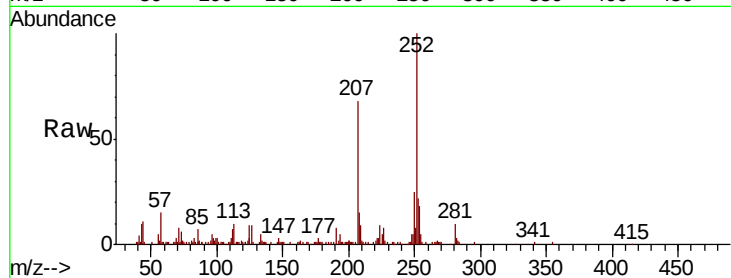
Tgt Ion:252 Resp: 163355

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

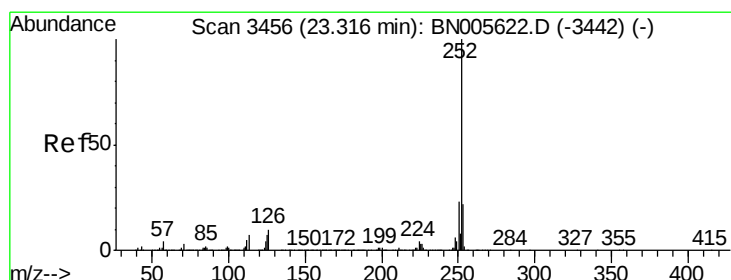
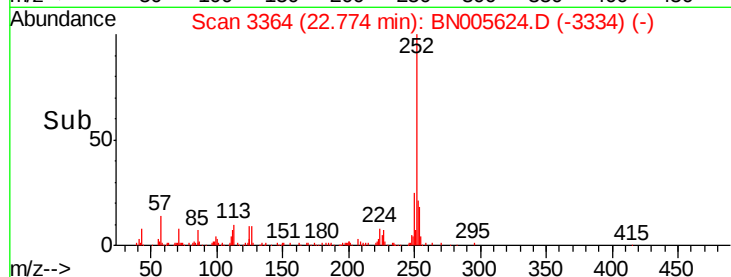
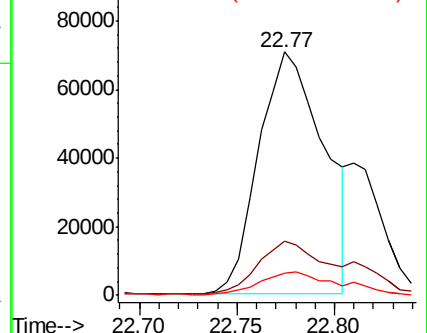
125 9.2 7.5 11.3



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: 2.321 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

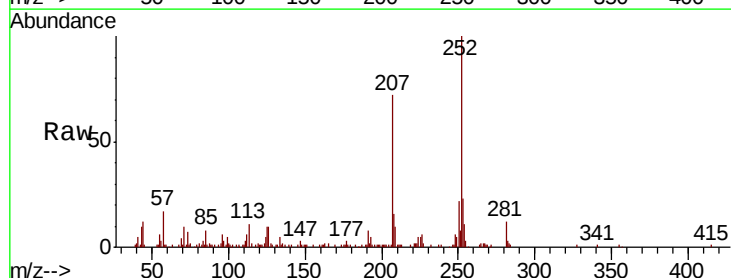
Tgt Ion:252 Resp: 118047

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

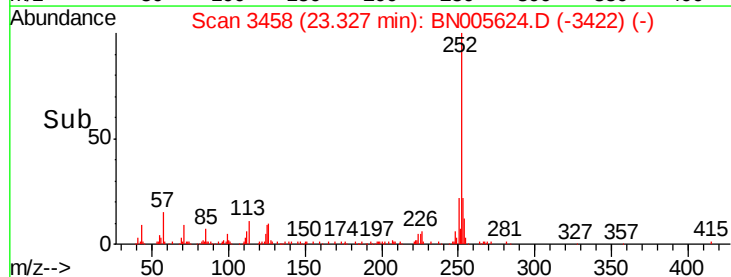
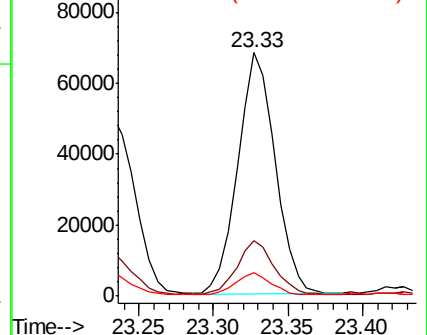
125 9.8 8.6 13.0

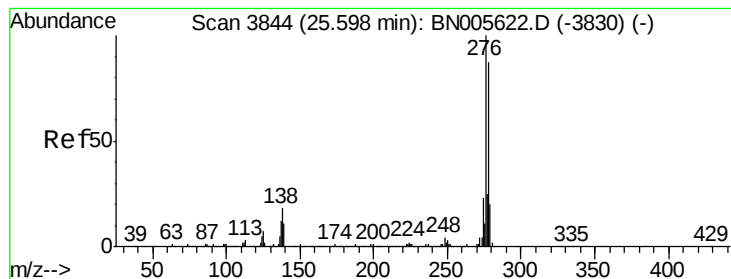


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.230 ng/ul

RT: 25.62 min Scan# 3847

Delta R.T. 0.02 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Instrument :

BNA_N

ClientSampleId :

GAJ58MEDL

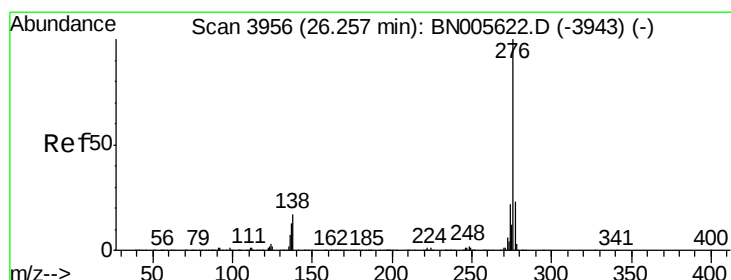
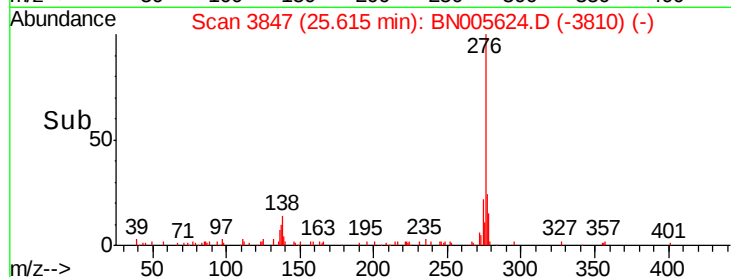
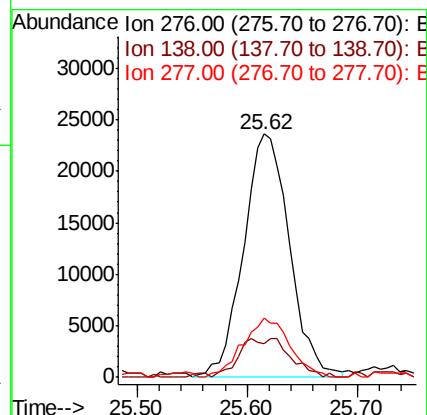
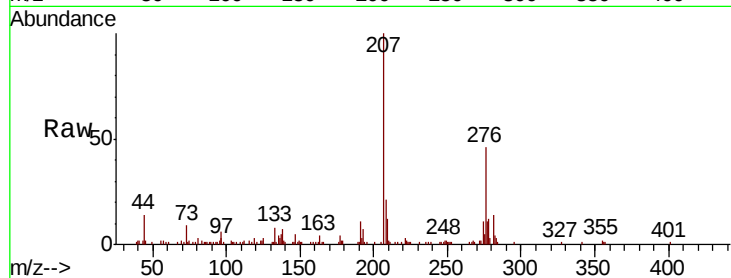
Tgt Ion:276 Resp: 69128

Ion Ratio Lower Upper

276 100

138 14.1 17.9 26.9#

277 24.6 19.7 29.5



#93

Benzo(g,h,i)perylene

Concen: 1.355 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.03 min

Lab File: BN005624.D

Acq: 11 May 2019 13:42

Tgt Ion:276 Resp: 62977

Ion Ratio Lower Upper

276 100

138 15.7 16.7 25.1#

277 25.2 18.2 27.2

