

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002247.D
 Acq On : 08 Aug 2018 12:25
 Operator : JU/SJ
 Sample : J4268-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 02:17:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 09 02:16:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	242747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1094617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	590377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1134673	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	769597	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	772168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16750	3.11	ng/uL	0.00
5) Phenol-d5	6.86	99	360892	15.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	266550	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	323437	17.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	269973	14.66	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	174922	19.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	184475	17.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	311922	16.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	356939	16.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1011755	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1289805	20.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	58594	6.13	ng/ul	0.00
57) Fluorene-d10	15.32	176	845036	19.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	64974	8.79	ng/ul	0.00
70) Anthracene-d10	17.16	188	1161013	20.99	ng/ul	0.00
78) Pyrene-d10	19.46	212	1028093	25.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	833236	19.98	ng/ul	0.00

Target Compounds

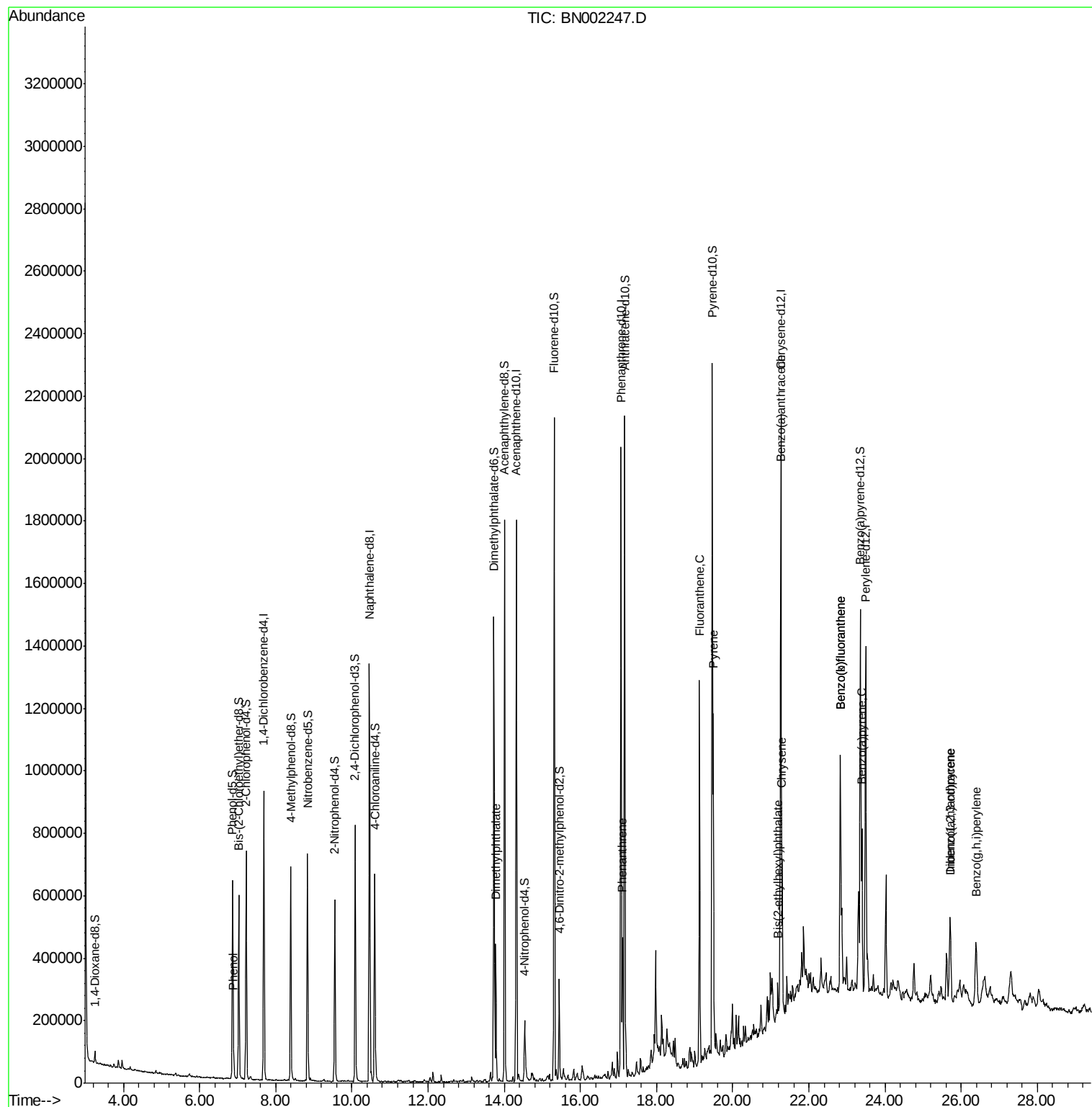
				Ovalue	
6) Phenol	6.89	94	24085	1.049	ng/ul# 87
44) Dimethylphthalate	13.77	163	274147	5.593	ng/ul 98
69) Phenanthrene	17.11	178	263857	4.141	ng/ul 99
76) Fluoranthene	19.13	202	687155	10.161	ng/ul 99
79) Pyrene	19.49	202	600176	12.153	ng/ul 99
82) Benzo(a)anthracene	21.25	228	266118	5.429	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.19	149	34193	1.030	ng/ul# 95
84) Chrysene	21.30	228	316726	6.933	ng/ul 96
87) Benzo(b)fluoranthene	22.83	252	466876	9.824	ng/ul 96
88) Benzo(k)fluoranthene	22.83	252	466876	10.341	ng/ul 95
90) Benzo(a)pyrene	23.39	252	300312	6.650	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.72	276	233475	4.473	ng/ul# 90
92) Dibenzo(a,h)anthracene	25.72	278	55510	1.271	ng/ul# 95
93) Benzo(g,h,i)perylene	26.39	276	227303	5.182	ng/ul 96

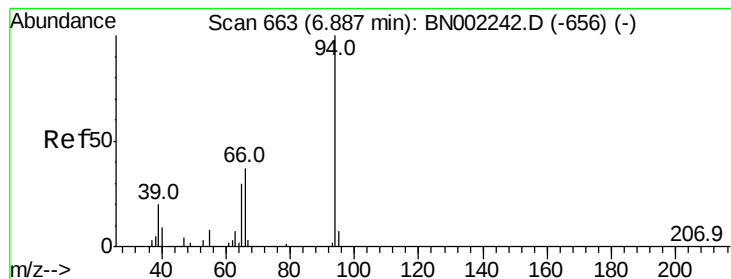
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.049 ng/ul

RT: 6.89 min Scan# 664

Delta R.T. 0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_E

ClientSampleId :

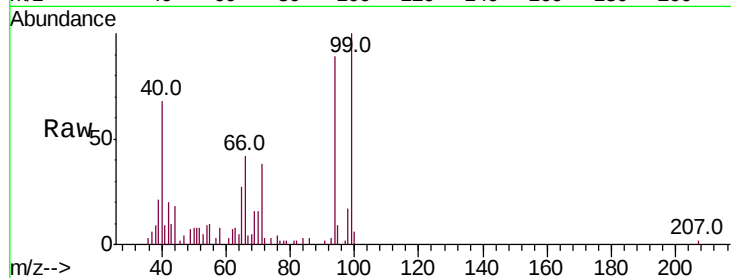
Tot Ion: 94 Resp: 24085

Ion Ratio Lower Upper

94 100

65 30.4 21.0 31.6

66 46.8 29.3 43.9#

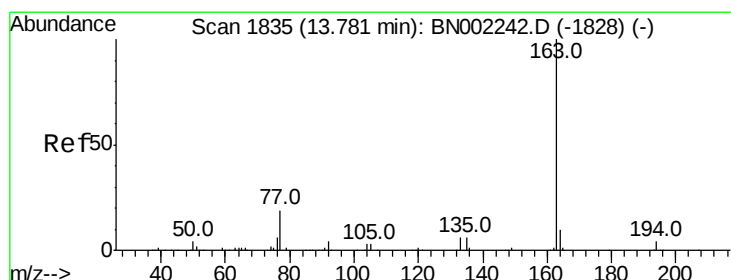
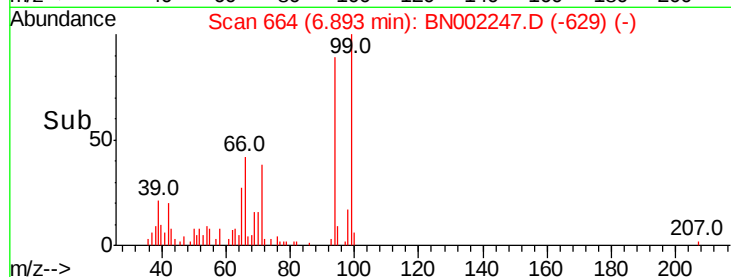
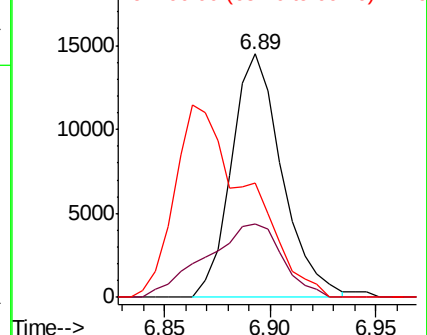


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#44

Dimethylphthalate

Concen: 5.593 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

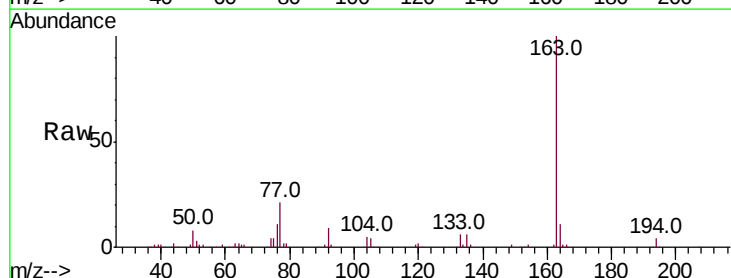
Tgt Ion:163 Resp: 274147

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 11.0 7.8 11.8

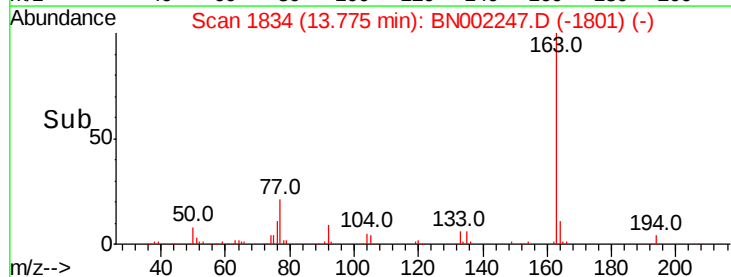
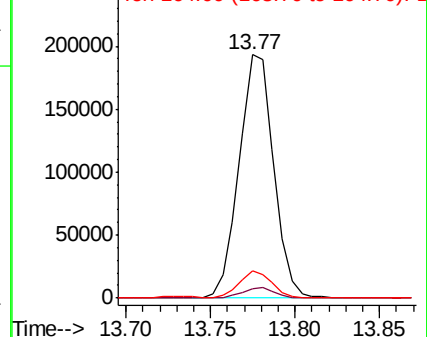


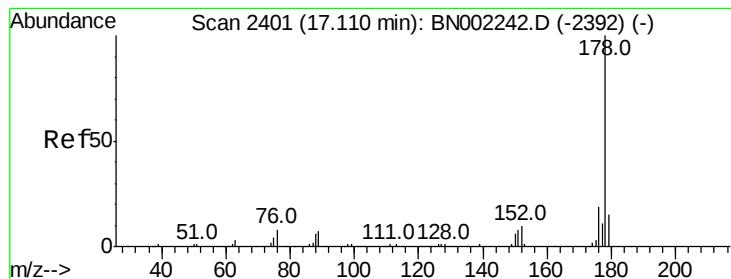
Abundance

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





#69

Phenanthrene

Concen: 4.141 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_E

ClientSampled :

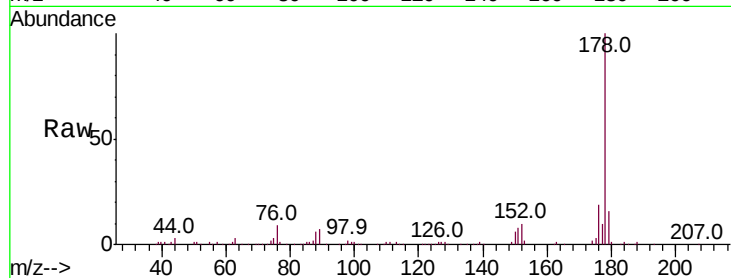
Tot Ion:178 Resp: 263857

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

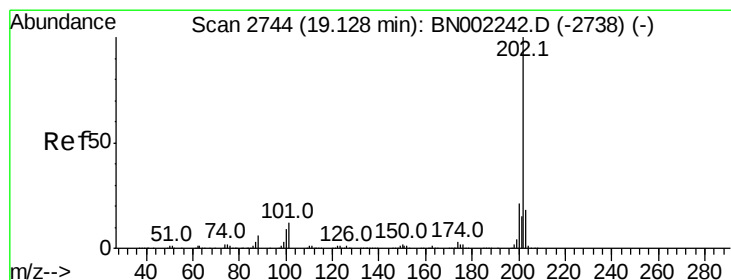
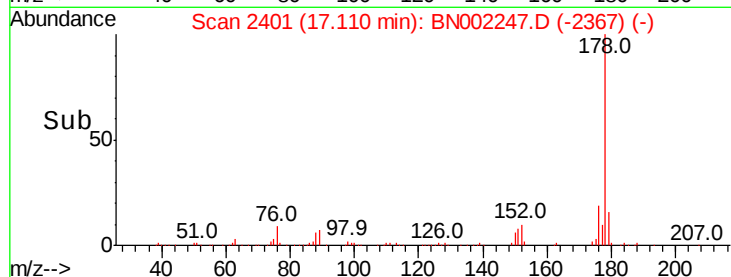
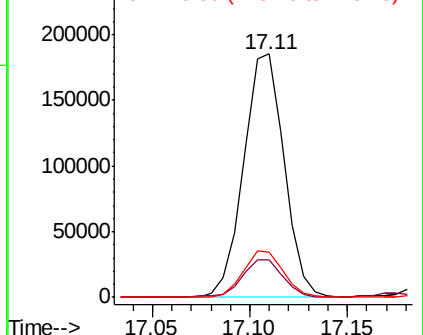
176 18.8 15.6 23.4



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: 10.161 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

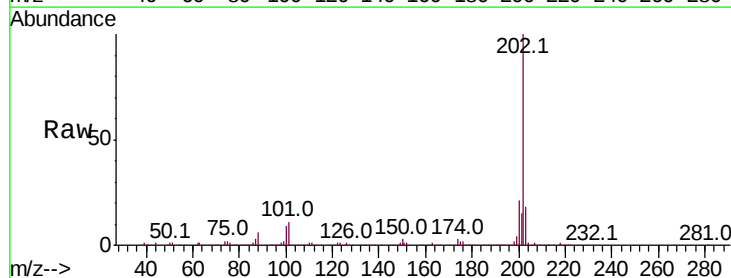
Tgt Ion:202 Resp: 687155

Ion Ratio Lower Upper

202 100

101 11.5 8.8 13.2

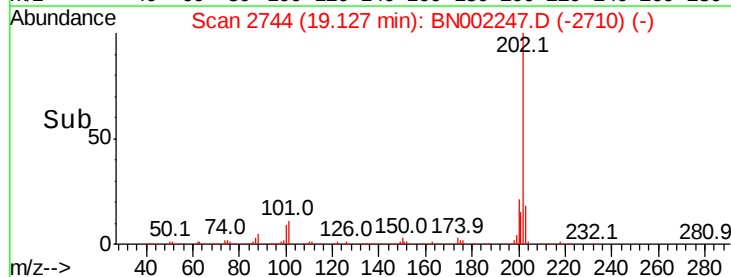
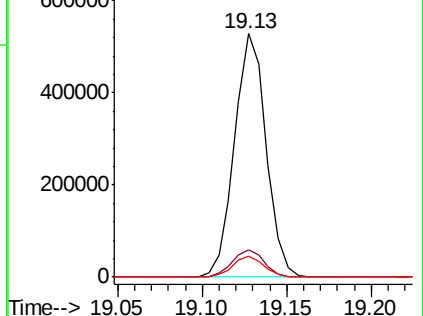
100 8.7 6.6 9.8

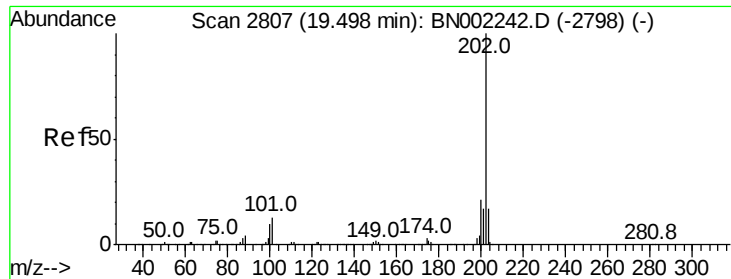


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 12.153 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_E

ClientSampleId :

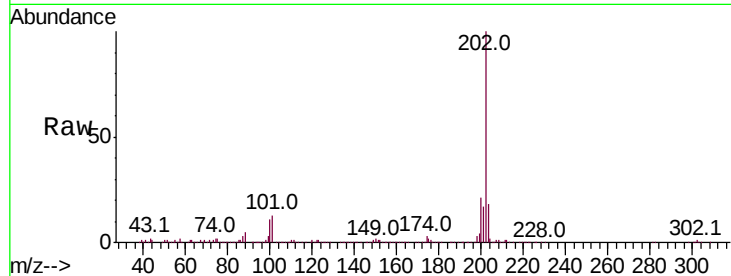
Tot Ion:202 Resp: 600176

Ion Ratio Lower Upper

202 100

101 13.2 10.2 15.2

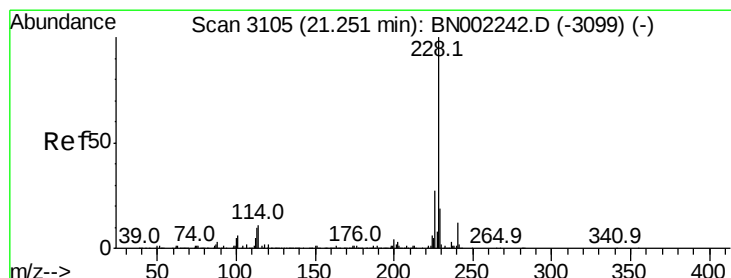
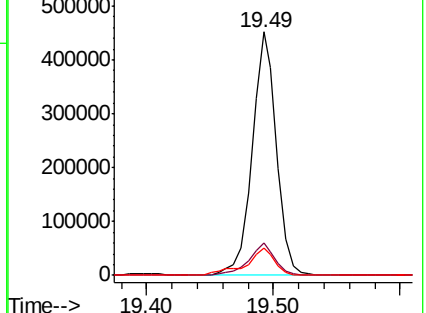
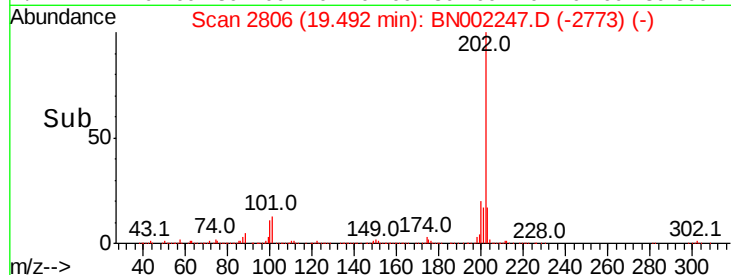
100 11.1 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 5.429 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

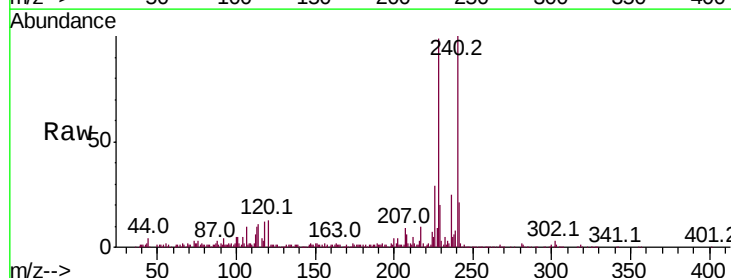
Tgt Ion:228 Resp: 266118

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

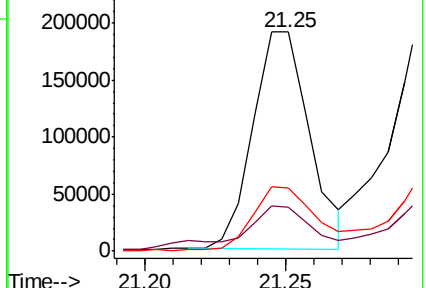
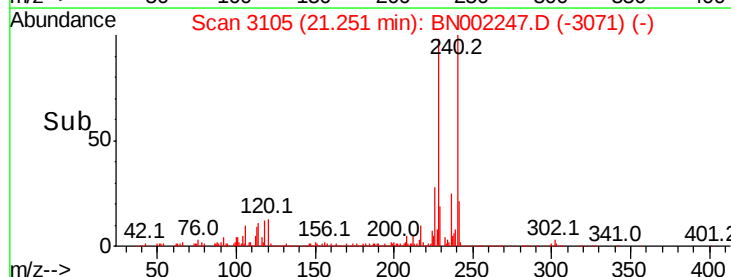
226 28.9 21.8 32.6

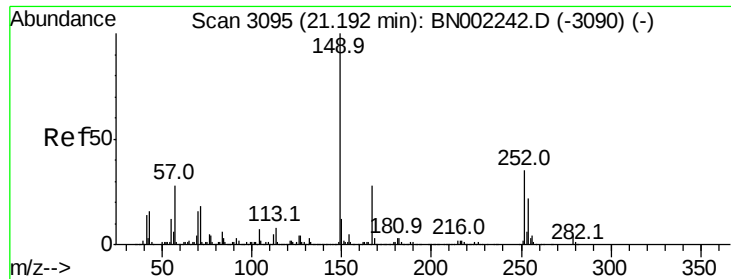


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

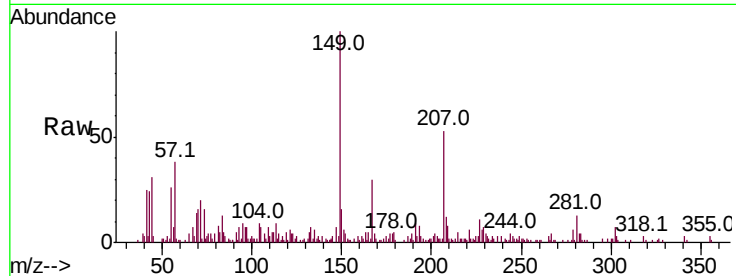




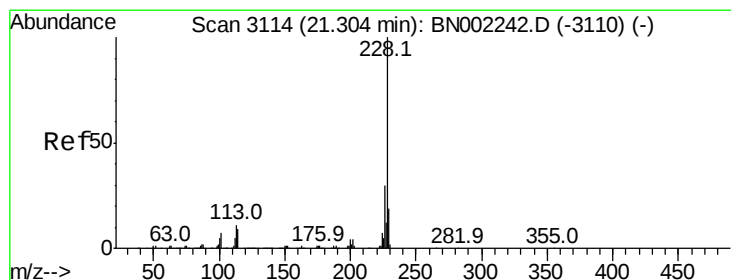
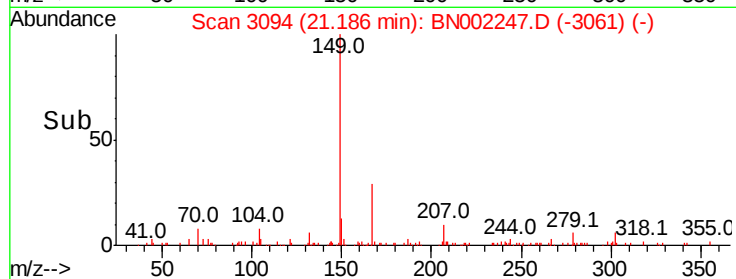
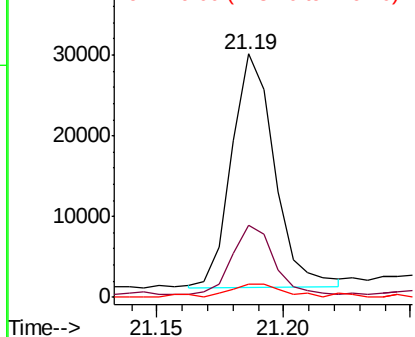
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.030 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN002247.D
 Acq: 08 Aug 2018 12:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 34193
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.6 32.4
 279 5.7 3.0 4.4#

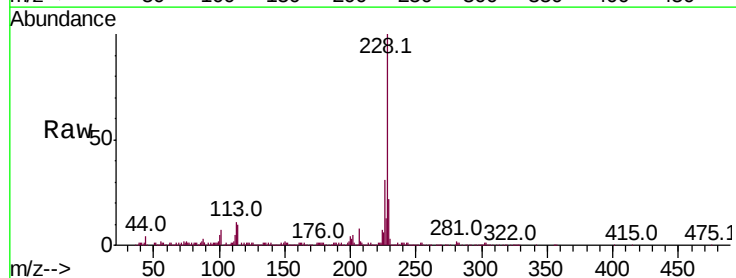


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

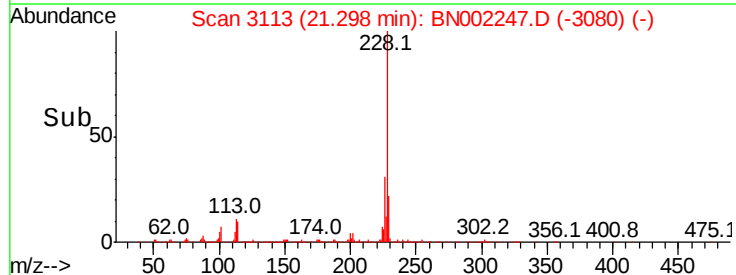
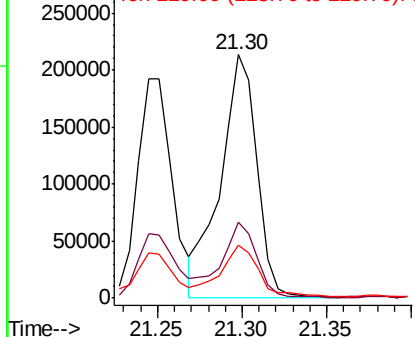


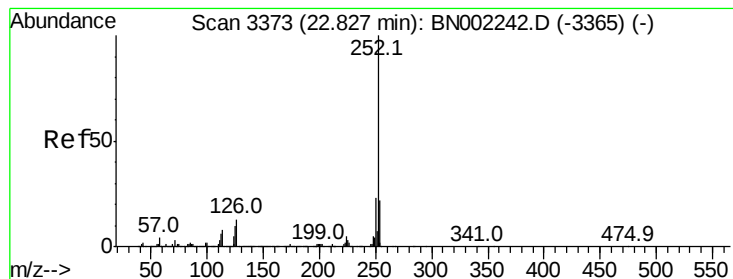
#84
 Chrysene
 Concen: 6.933 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BN002247.D
 Acq: 08 Aug 2018 12:25

Tgt Ion:228 Resp: 316726
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.0 36.0
 229 21.9 15.6 23.4



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: 9.824 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_E

ClientSampled :

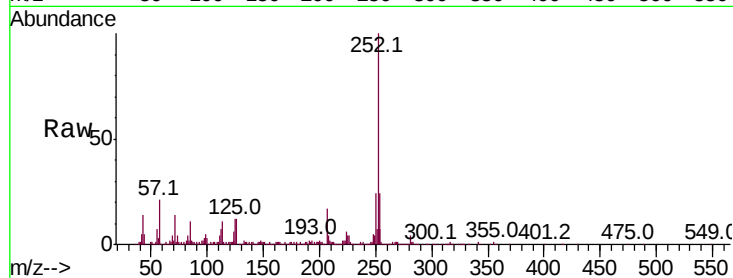
Tot Ion:252 Resp: 466876

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

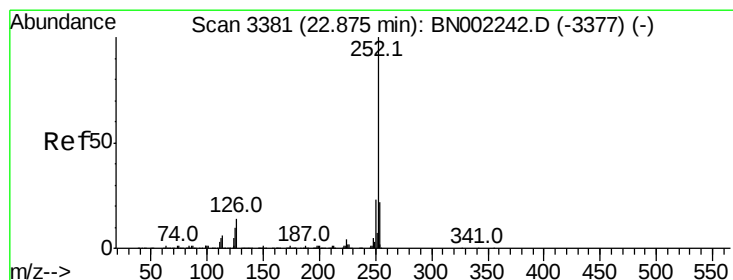
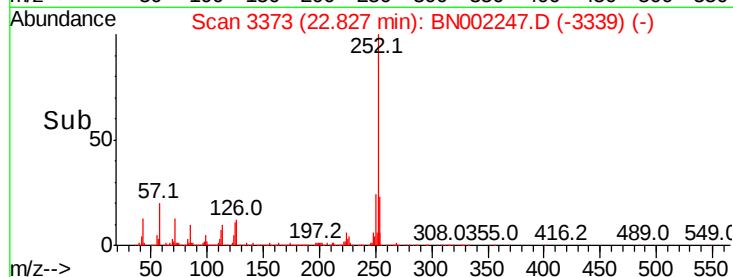
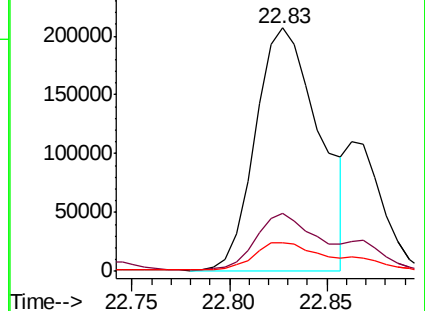
125 11.6 8.5 12.7



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: 10.341 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

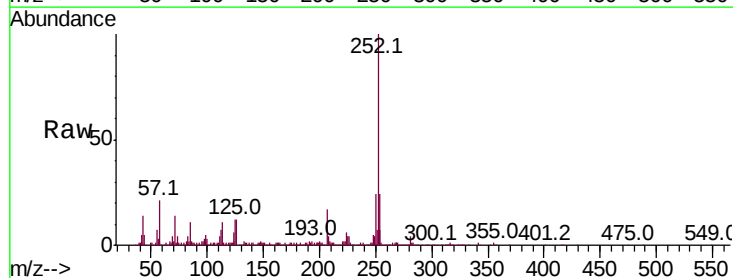
Tgt Ion:252 Resp: 466876

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

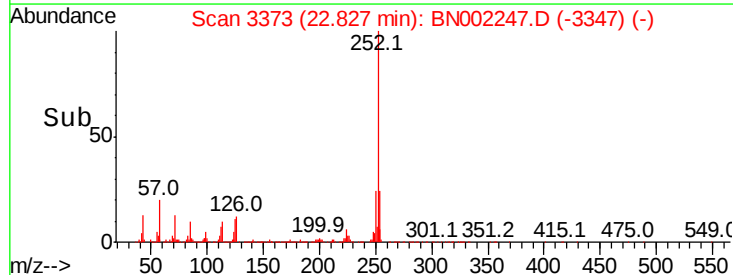
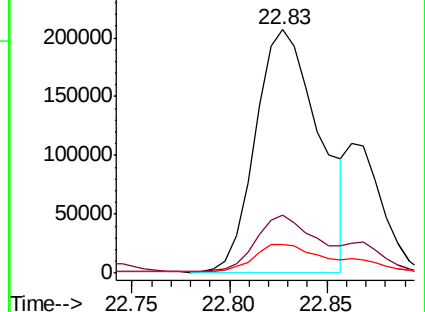
125 11.6 8.2 12.2

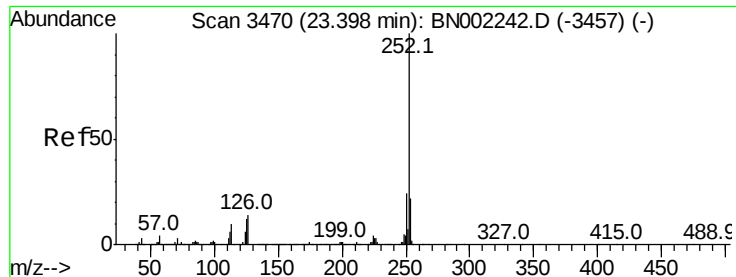


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 6.650 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Instrument :

BNA_E

ClientSampled :

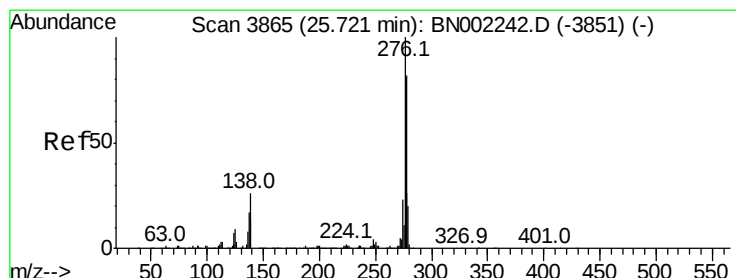
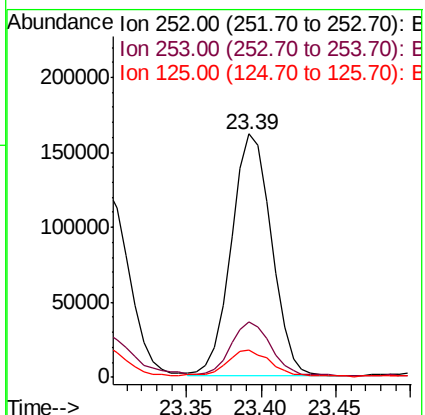
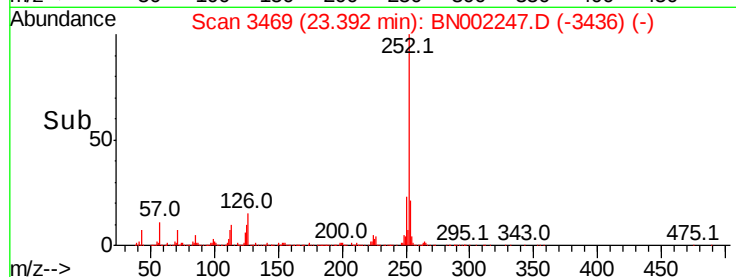
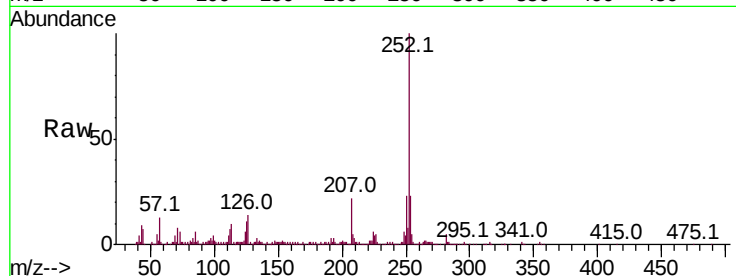
Tot Ion:252 Resp: 300312

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 11.0 9.0 13.6



#91

Indeno(1,2,3-cd)pyrene

Concen: 4.473 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

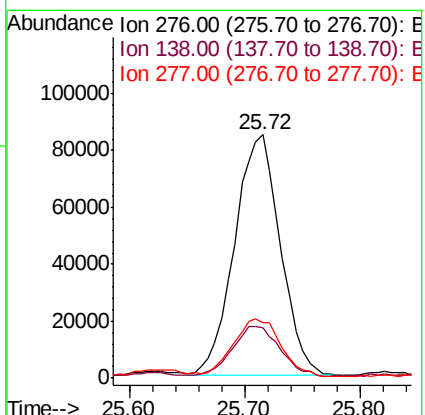
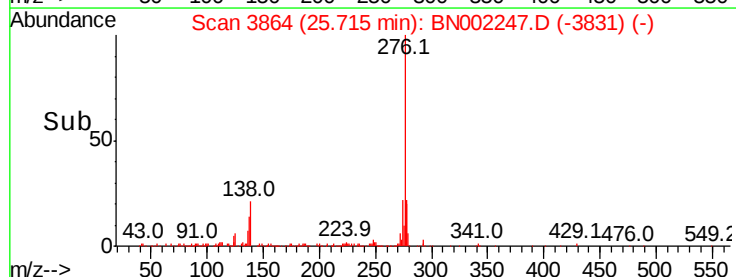
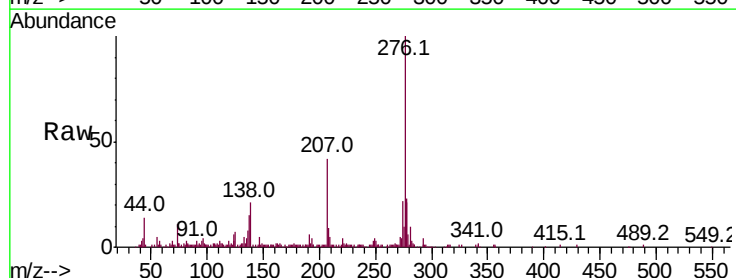
Tgt Ion:276 Resp: 233475

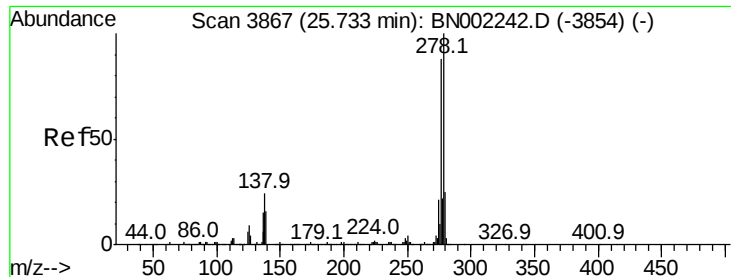
Ion Ratio Lower Upper

276 100

138 20.8 22.3 33.5#

277 22.7 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 1.271 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

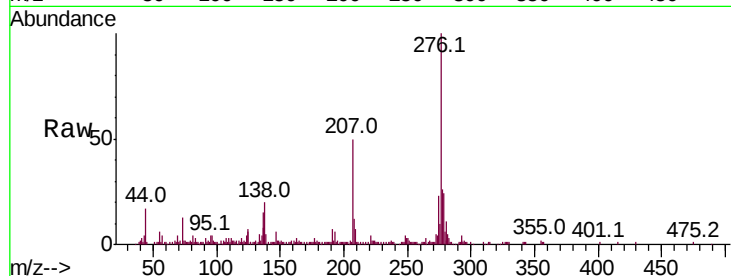
Instrument :

BNA_E

ClientSampleId :

Tot Ion:278 Resp: 55510

Ion	Ratio	Lower	Upper
278	100		
139	21.0	13.9	20.9#
279	25.0	19.0	28.4

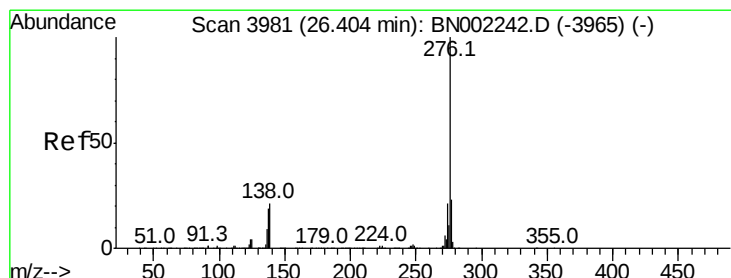
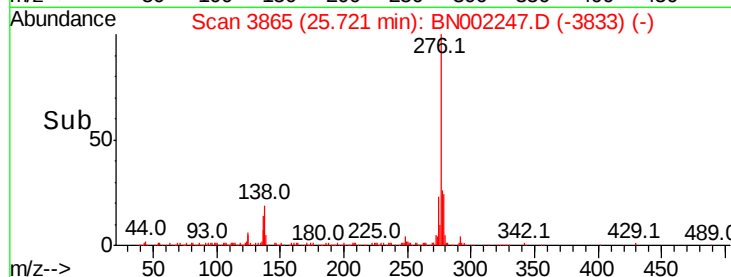
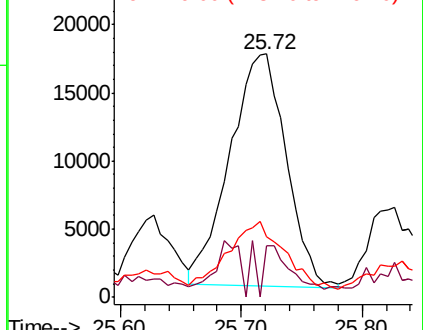


Abundance

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: 5.182 ng/ul

RT: 26.39 min Scan# 3979

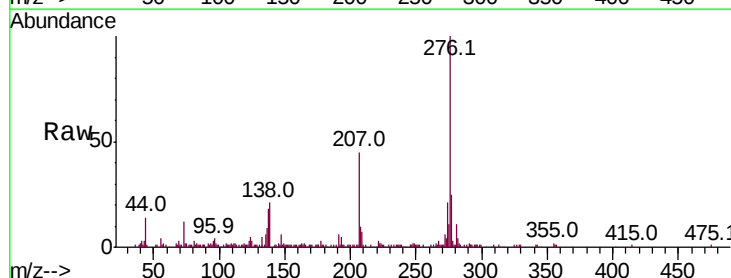
Delta R.T. -0.01 min

Lab File: BN002247.D

Acq: 08 Aug 2018 12:25

Tgt Ion:276 Resp: 227303

Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.9	28.3
277	24.9	19.2	28.8



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

