

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002249.D
 Acq On : 08 Aug 2018 13:36
 Operator : JU/SJ
 Sample : J4268-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 02:17:45 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	242059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1004319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	492091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	887525	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	765356	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	808400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14207	2.65	ng/uL	0.00
5) Phenol-d5	6.86	99	310411	13.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	214269	15.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	267882	14.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	233968	12.74	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	135295	16.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	139764	14.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	236921	13.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	243505	12.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	678595	16.27	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	884513	17.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	54157	6.80	ng/ul	0.00
57) Fluorene-d10	15.32	176	556019	15.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	55115	9.53	ng/ul	0.00
70) Anthracene-d10	17.16	188	746676	17.25	ng/ul	0.00
78) Pyrene-d10	19.46	212	721248	18.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	718285	16.45	ng/ul	0.00

Target Compounds

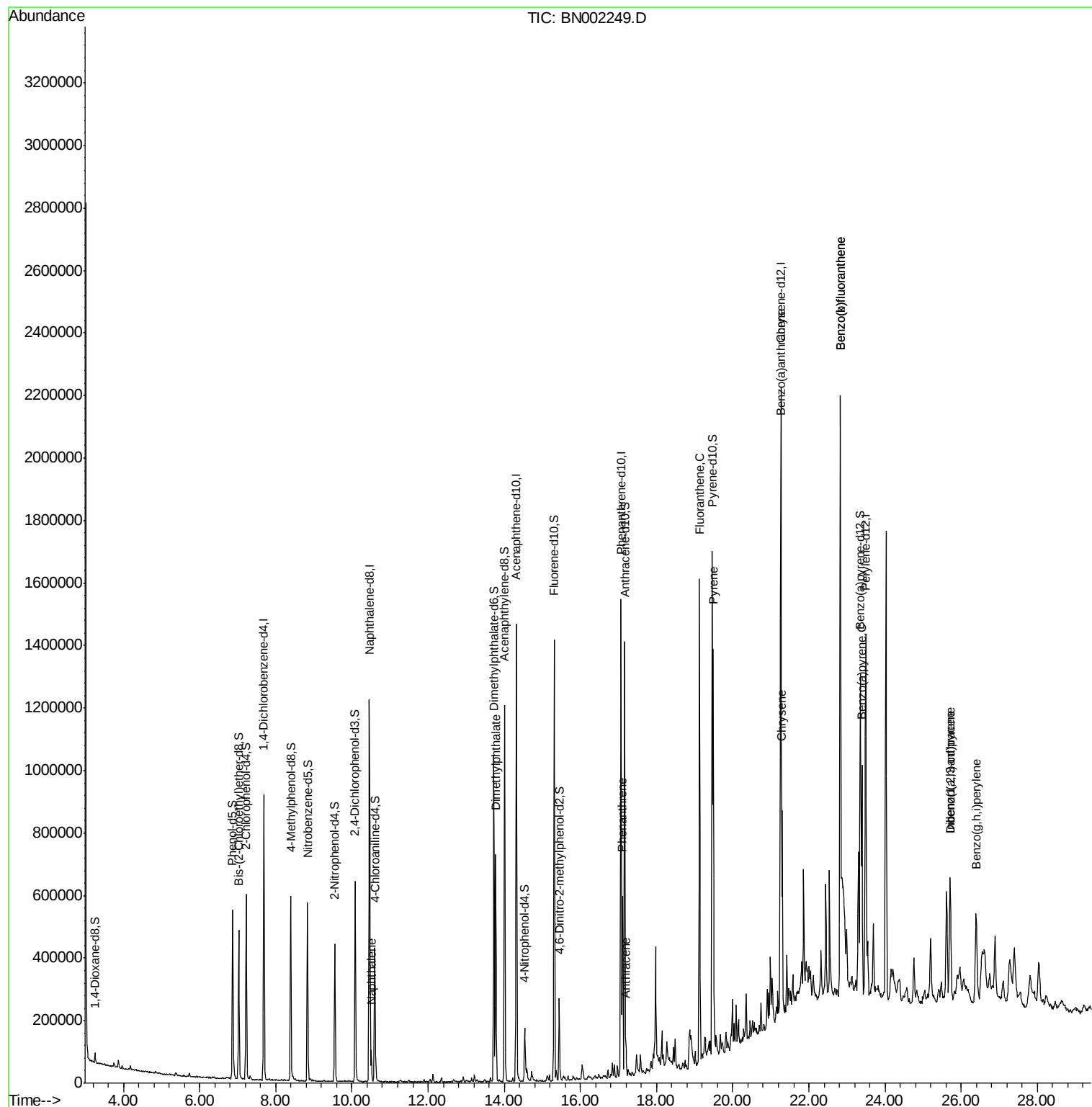
					Ovalue	
28) Naphthalene	10.51	128	83970	1.583	ng/ul	97
44) Dimethylphthalate	13.77	163	450427	11.024	ng/ul	98
69) Phenanthrene	17.11	178	342180	6.865	ng/ul	99
71) Anthracene	17.20	178	58514	1.153	ng/ul	97
76) Fluoranthene	19.13	202	904152	17.093	ng/ul	99
79) Pyrene	19.49	202	719228	14.645	ng/ul	99
82) Benzo(a)anthracene	21.25	228	358025	7.344	ng/ul	97
84) Chrysene	21.30	228	417676	9.193	ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	669603	13.458	ng/ul#	98
88) Benzo(k)fluoranthene	22.83	252	669603	14.166	ng/ul#	97
90) Benzo(a)pyrene	23.39	252	420561	8.896	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.71	276	353686	6.472	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.72	278	77482	1.694	ng/ul#	83
93) Benzo(g,h,i)perylene	26.40	276	335603	7.308	ng/ul	96

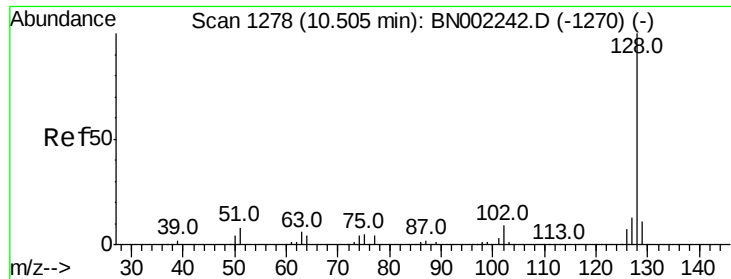
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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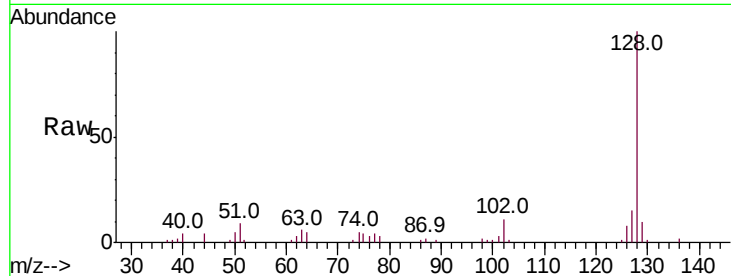




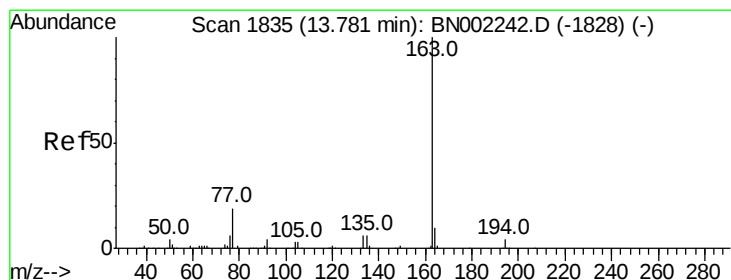
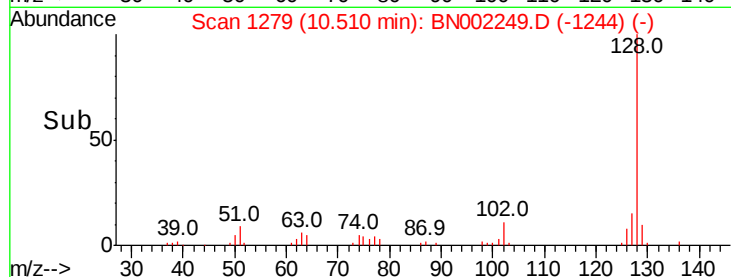
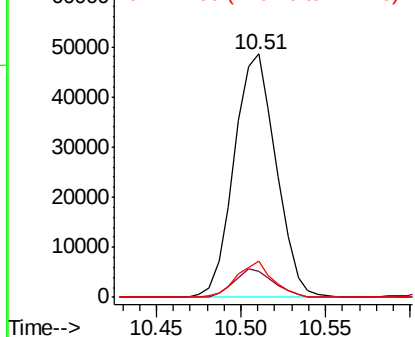
#28
Naphthalene
Concen: 1.583 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BN002249.D
Acq: 08 Aug 2018 13:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 83970
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 15.0 10.5 15.7

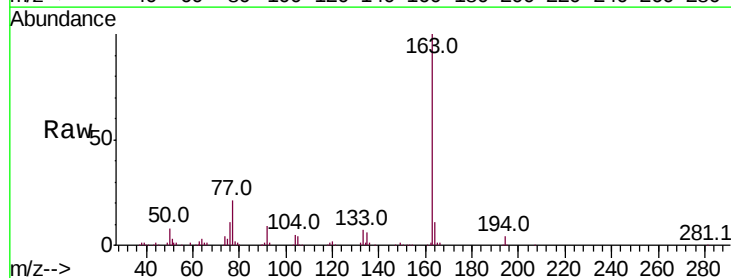


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

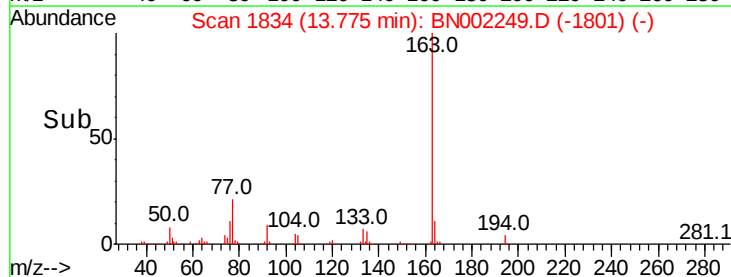
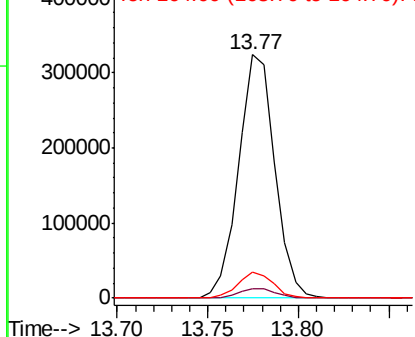


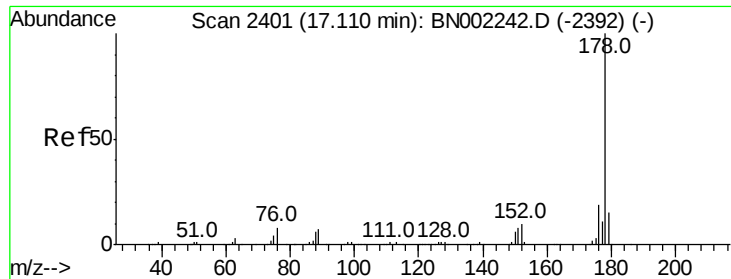
#44
Dimethylphthalate
Concen: 11.024 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN002249.D
Acq: 08 Aug 2018 13:36

Tgt Ion:163 Resp: 450427
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.6 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: 6.865 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

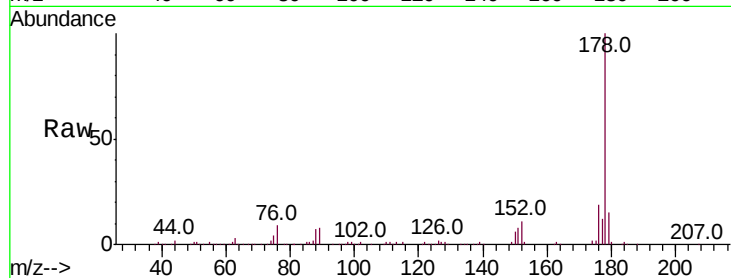
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 342180

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.2	18.4
176	18.9	15.6	23.4

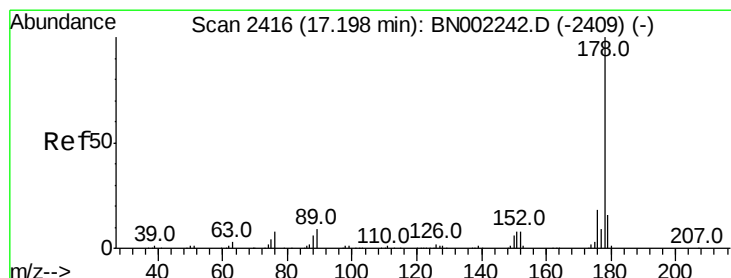
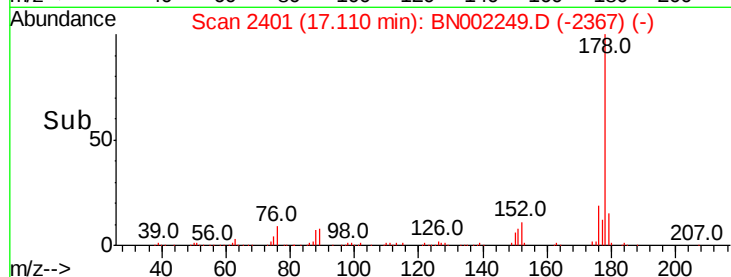
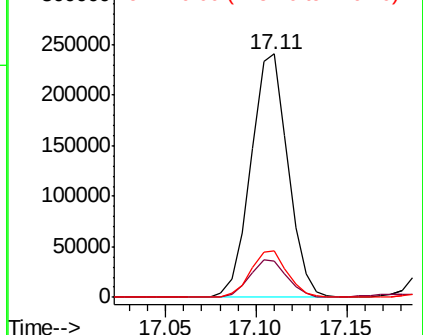


Abundance

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



#71

Anthracene

Concen: 1.153 ng/ul

RT: 17.20 min Scan# 2416

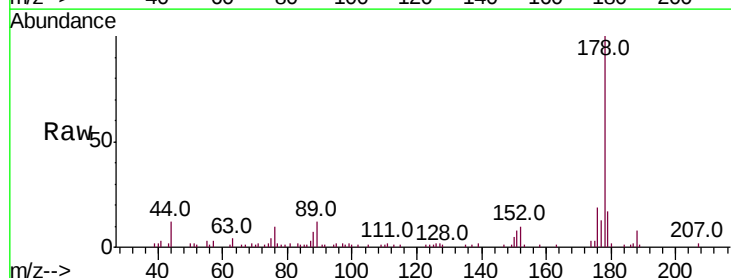
Delta R.T. -0.00 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

Tgt Ion:178 Resp: 58514

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.1	18.1
176	19.1	14.8	22.2

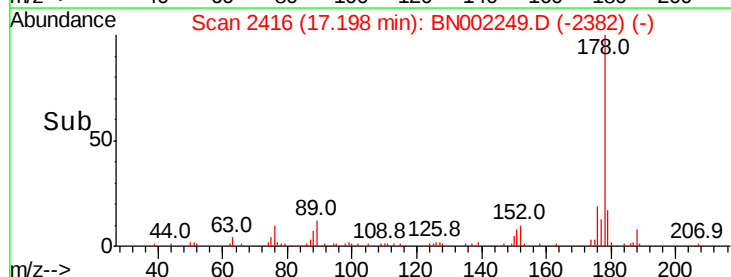
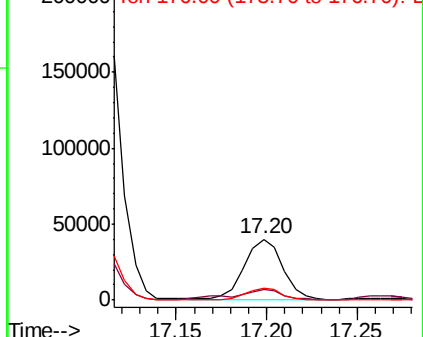


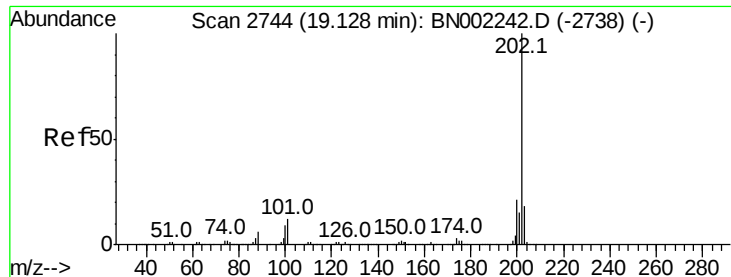
Abundance

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

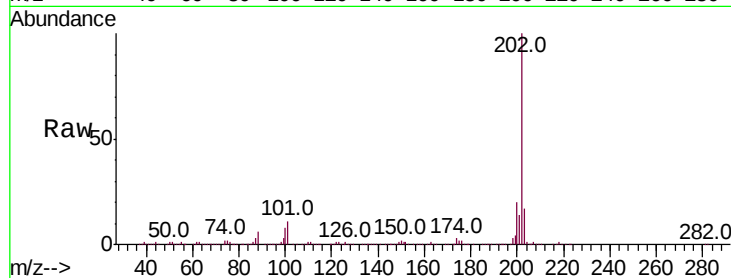




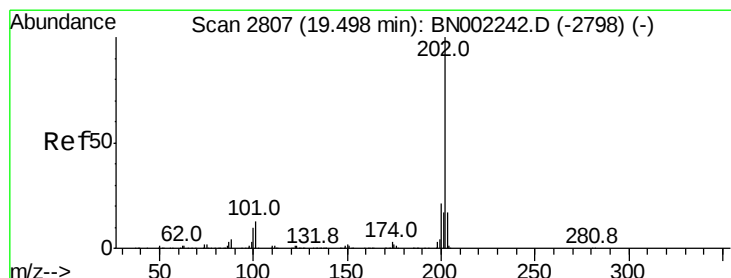
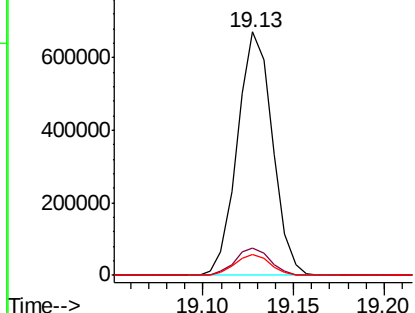
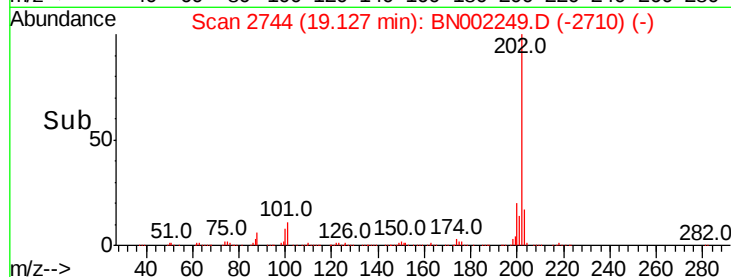
#76
 Fluoranthene
 Concen: 17.093 ng/ul
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.00 min
 Lab File: BN002249.D
 Acq: 08 Aug 2018 13:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.8	13.2
100	8.5	6.6	9.8

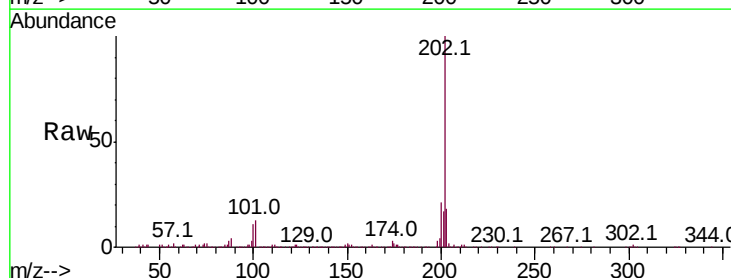


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

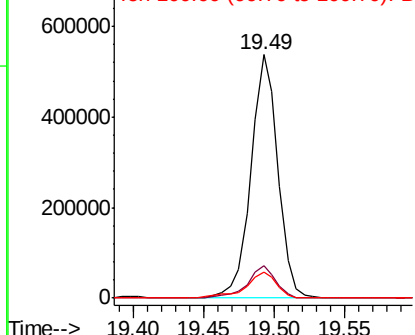
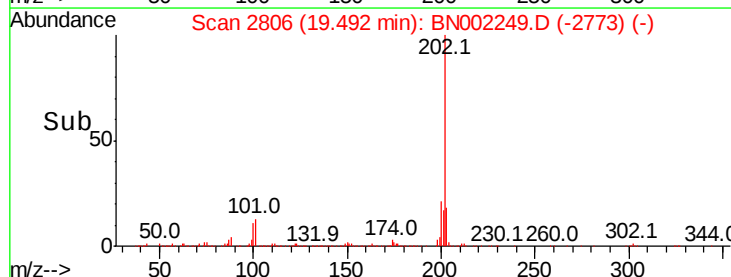


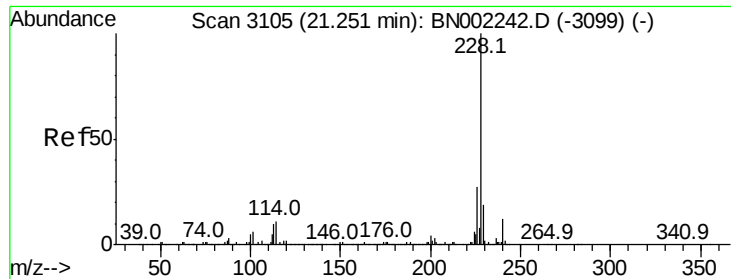
#79
 Pyrene
 Concen: 14.645 ng/ul
 RT: 19.49 min Scan# 2806
 Delta R.T. -0.01 min
 Lab File: BN002249.D
 Acq: 08 Aug 2018 13:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.8	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: 7.344 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

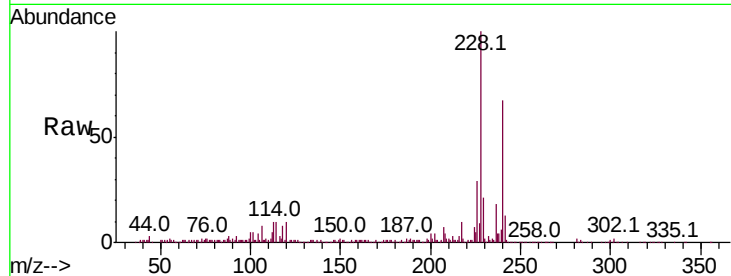
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 358025

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	28.7	21.8	32.6

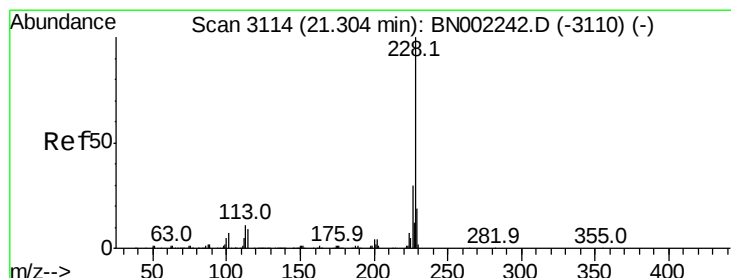
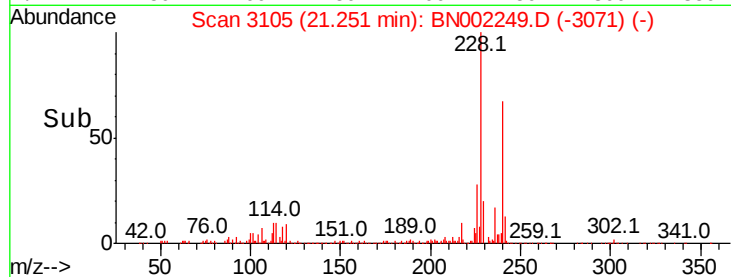
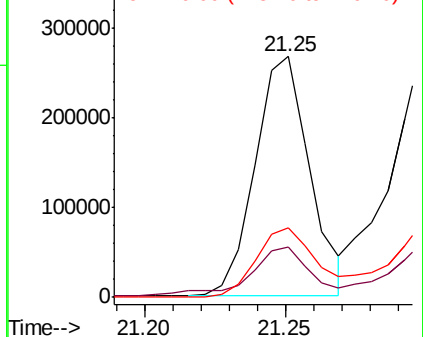


Abundance

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



#84

Chrysene

Concen: 9.193 ng/ul

RT: 21.30 min Scan# 3113

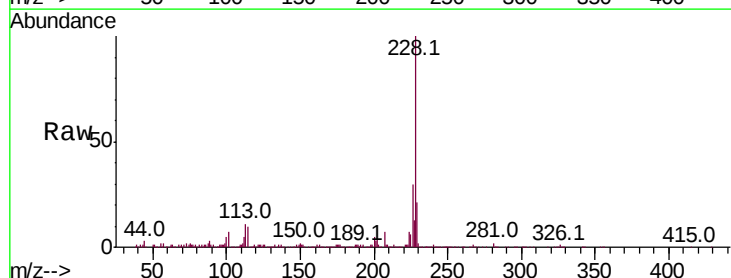
Delta R.T. -0.01 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

Tgt Ion:228 Resp: 417676

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.4	15.6	23.4

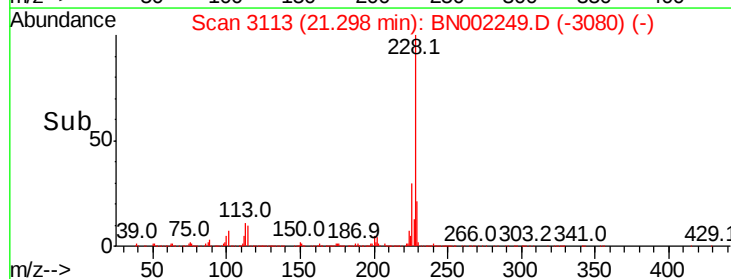
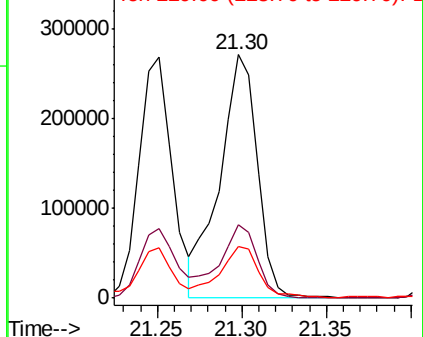


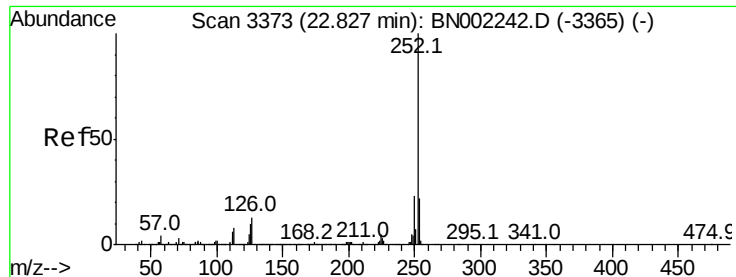
Abundance

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: 13.458 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BN002249.D

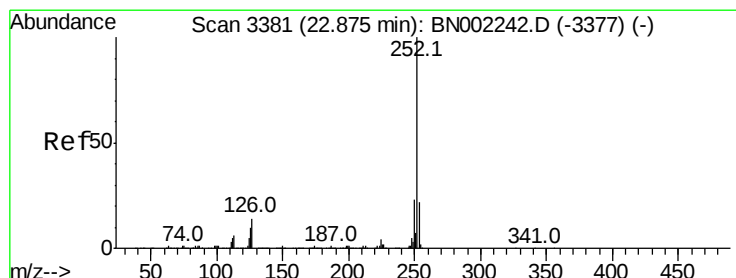
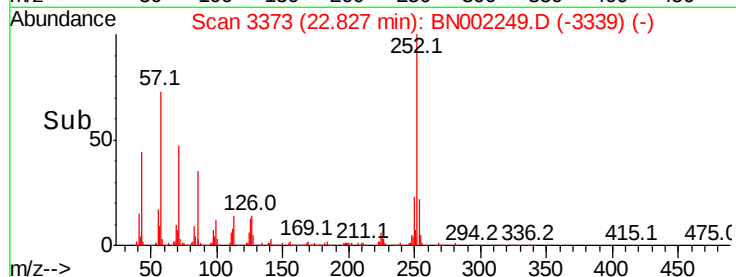
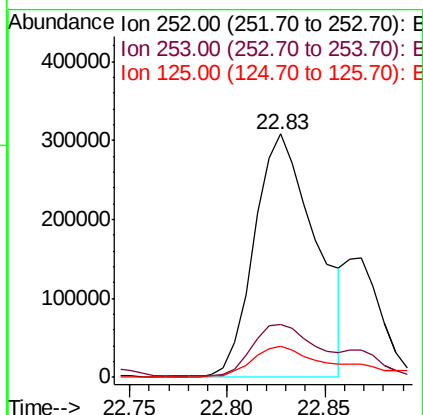
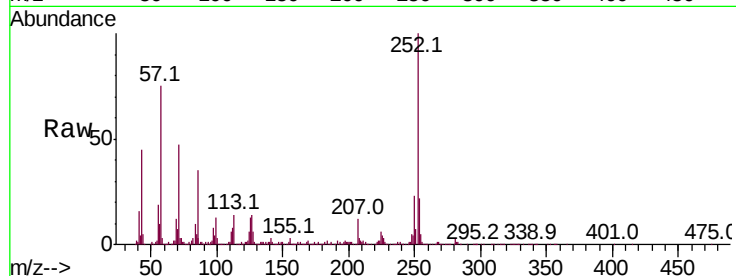
Acq: 08 Aug 2018 13:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	252	Resp:	669603
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.9	8.5	12.7#



#88

Benzo(k)fluoranthene

Concen: 14.166 ng/ul

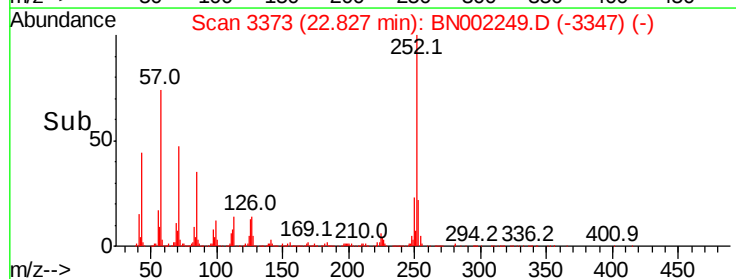
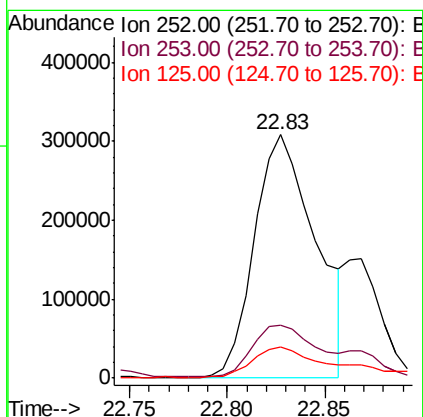
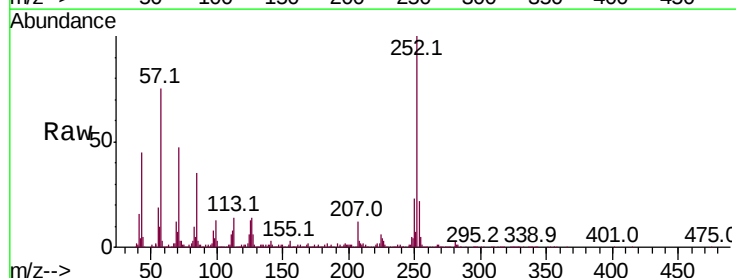
RT: 22.83 min Scan# 3373

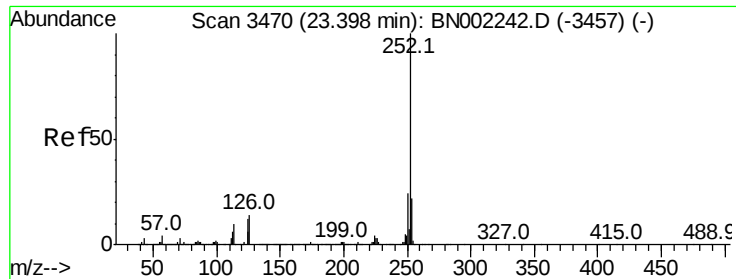
Delta R.T. -0.05 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

Tgt Ion:	252	Resp:	669603
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	12.9	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 8.896 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

Instrument :

BNA_E

ClientSampleId :

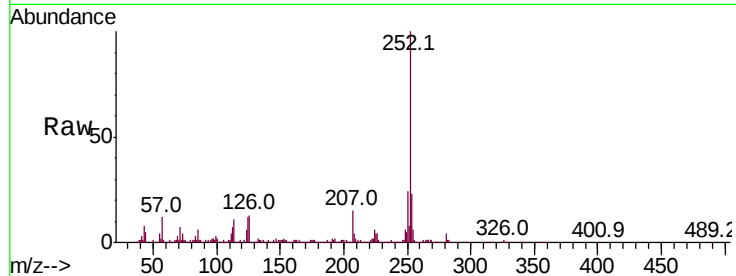
Tot Ion:252 Resp: 420561

Ion Ratio Lower Upper

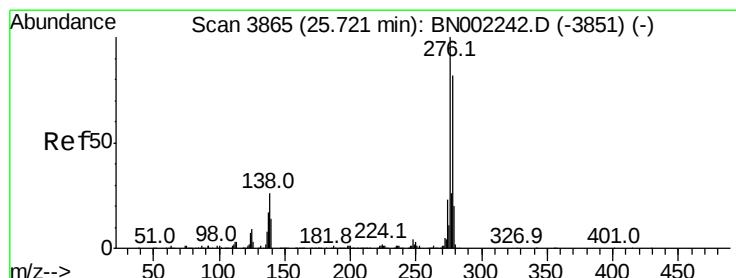
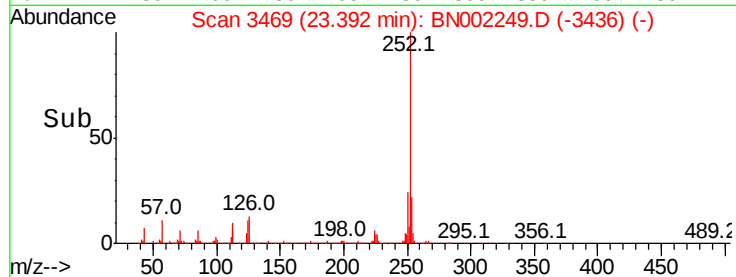
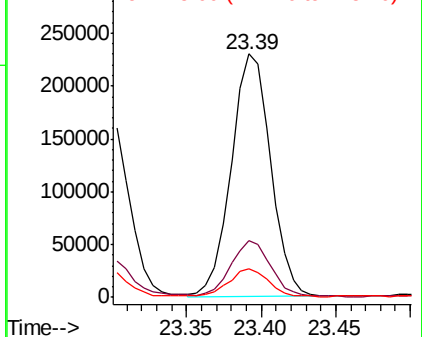
252 100

253 23.2 17.2 25.8

125 11.8 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 6.472 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. -0.01 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

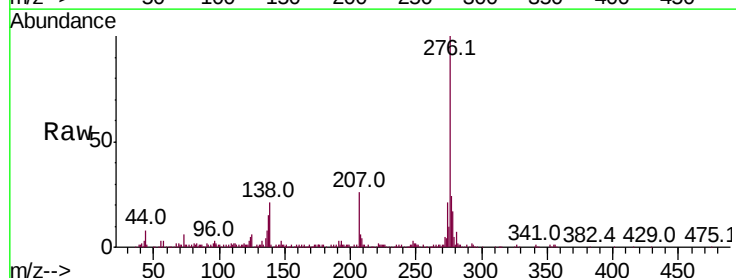
Tgt Ion:276 Resp: 353686

Ion Ratio Lower Upper

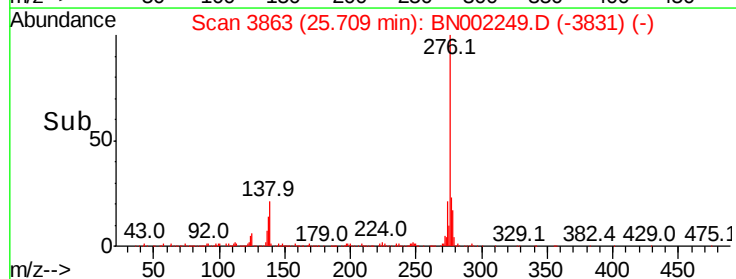
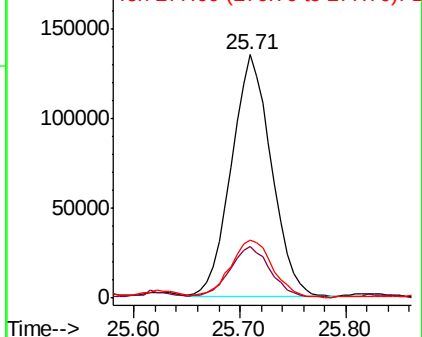
276 100

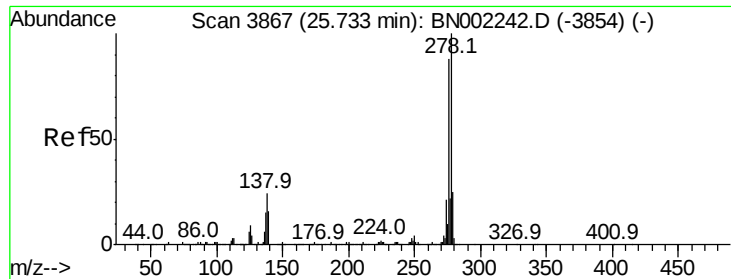
138 21.1 22.3 33.5#

277 23.7 20.2 30.2



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





#92

Dibenzo(a,h)anthracene

Concen: 1.694 ng/ul

RT: 25.72 min Scan# 3864

Delta R.T. -0.02 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

Instrument :

BNA_E

ClientSampleId :

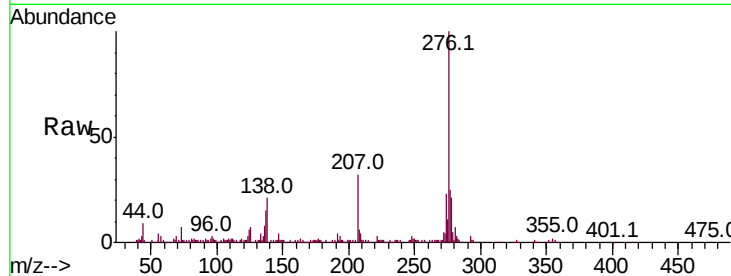
Tot Ion:278 Resp: 77482

Ion Ratio Lower Upper

278 100

139 0.0 13.9 20.9#

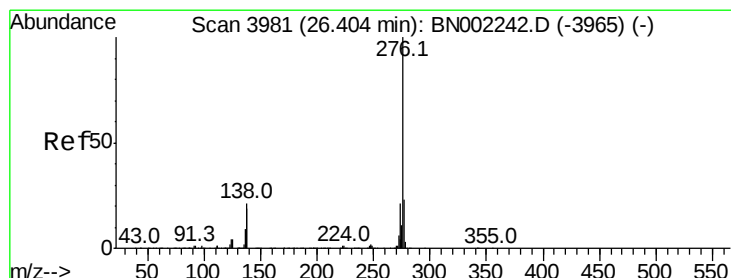
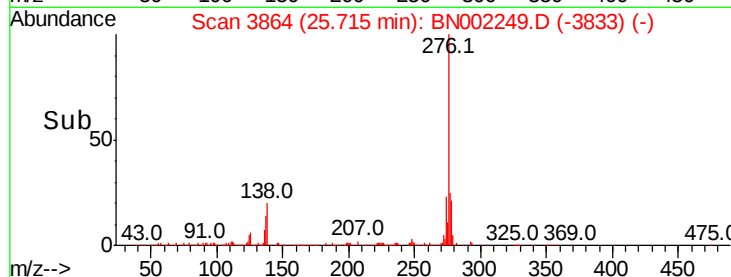
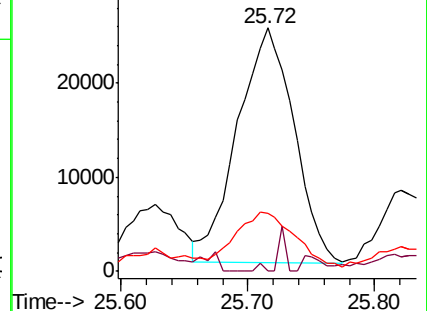
279 23.8 19.0 28.4



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: 7.308 ng/ul

RT: 26.40 min Scan# 3980

Delta R.T. -0.01 min

Lab File: BN002249.D

Acq: 08 Aug 2018 13:36

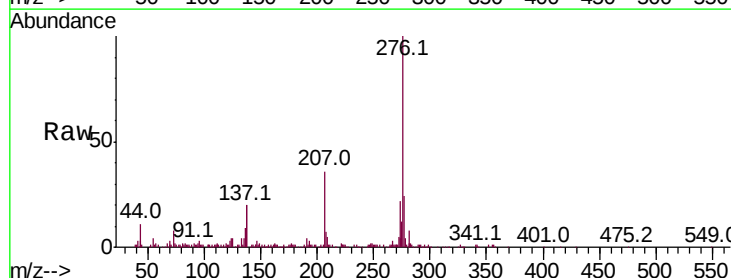
Tgt Ion:276 Resp: 335603

Ion Ratio Lower Upper

276 100

138 19.6 18.9 28.3

277 24.0 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

