

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000607.D
 Acq On : 24 Mar 2018 08:01
 Operator : JU/SJ
 Sample : J1951-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 26 01:27:32 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 26 01:26:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	168178	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	747287	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	410633	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	888909	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	895077	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	804060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	20239	4.30	ng/uL	0.00
5) Phenol-d5	7.55	99	385864	24.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	237474	26.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	295635	24.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	299830	24.53	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	142486	23.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	152996	24.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.86	165	271526	24.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	333348	28.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	818610	25.23	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1074692	25.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	96438	16.01	ng/ul	0.00
57) Fluorene-d10	16.01	176	714874	25.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	65350	12.84	ng/ul	0.00
70) Anthracene-d10	17.85	188	1069383	25.03	ng/ul	0.00
76) Pyrene-d10	20.11	212	1186138	24.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	990626	26.10	ng/ul	0.00

Target Compounds

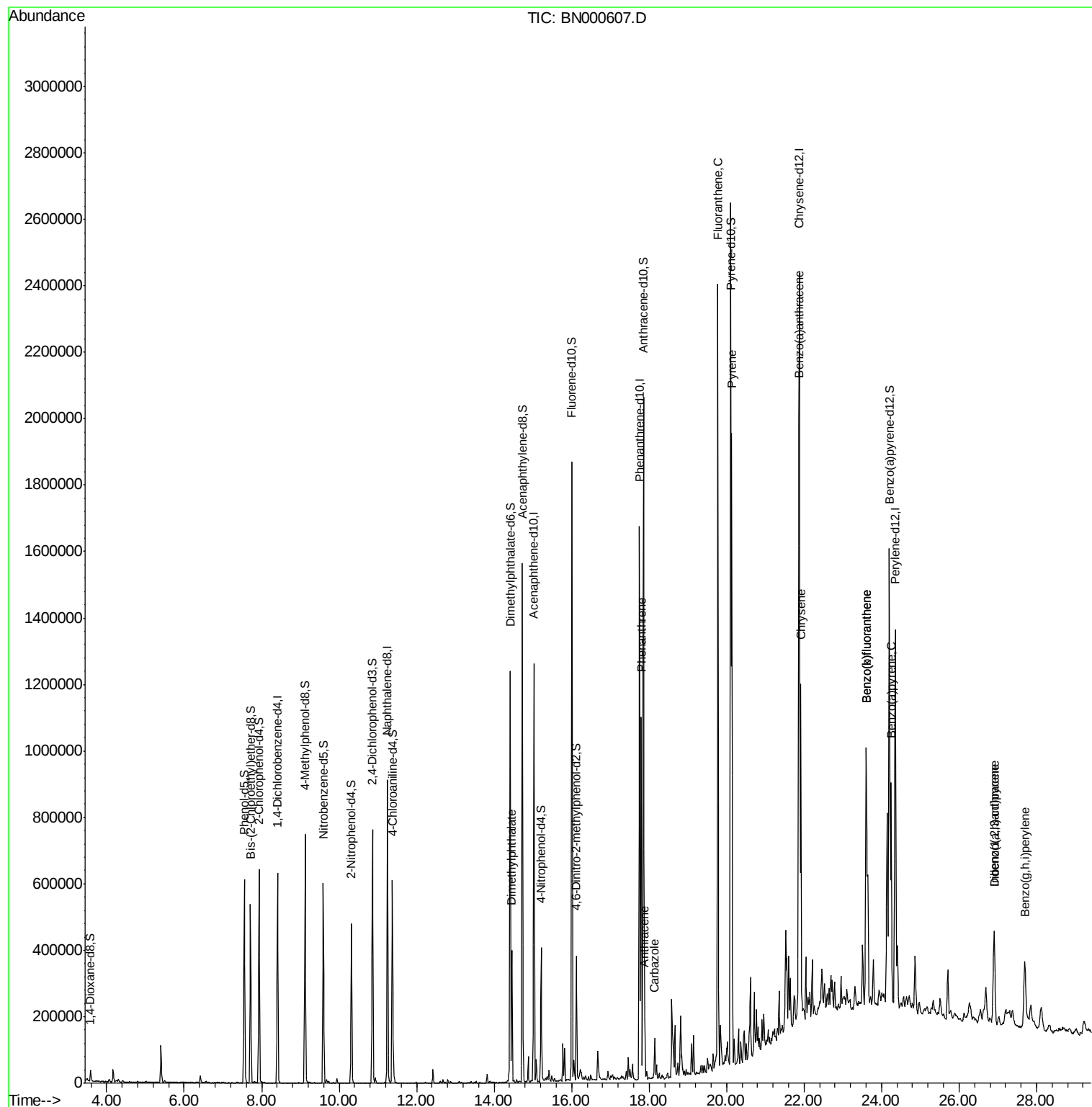
					Ovalue	
44) Dimethylphthalate	14.46	163	228127	7.109	ng/ul#	97
69) Phenanthrene	17.80	178	602002	11.756	ng/ul	100
71) Anthracene	17.88	178	116944	2.227	ng/ul	98
72) Carbazole	18.15	167	71641	1.591	ng/ul#	97
74) Fluoranthene	19.78	202	1239258	24.353	ng/ul#	81
77) Pyrene	20.14	202	1025059	15.679	ng/ul#	77
80) Benzo(a)anthracene	21.86	228	547832	9.186	ng/ul	99
82) Chrysene	21.91	228	539954	9.658	ng/ul	98
85) Benzo(b)fluoranthene	23.60	252	667345	13.135	ng/ul#	93
86) Benzo(k)fluoranthene	23.60	252	667345	13.606	ng/ul#	93
88) Benzo(a)pyrene	24.25	252	446597	9.340	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.91	276	268803	5.213	ng/ul#	87
90) Dibenzo(a,h)anthracene	26.91	278	65984	1.536	ng/ul#	79
91) Benzo(g,h,i)perylene	27.69	276	247553	5.778	ng/ul#	87

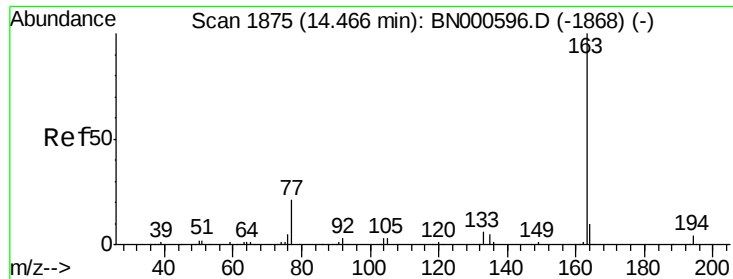
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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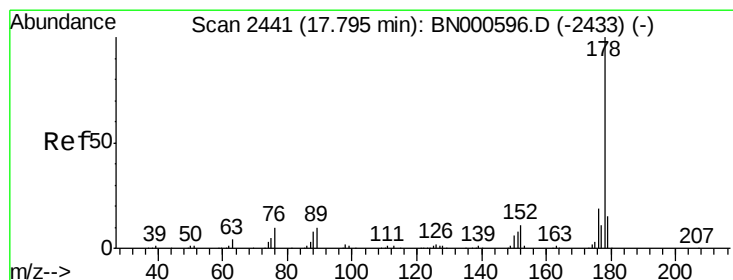
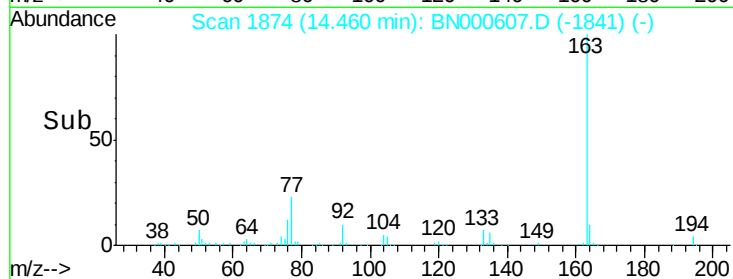
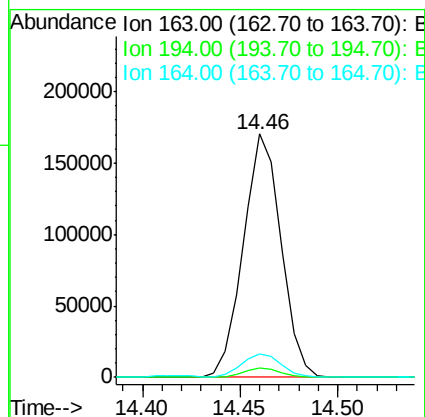
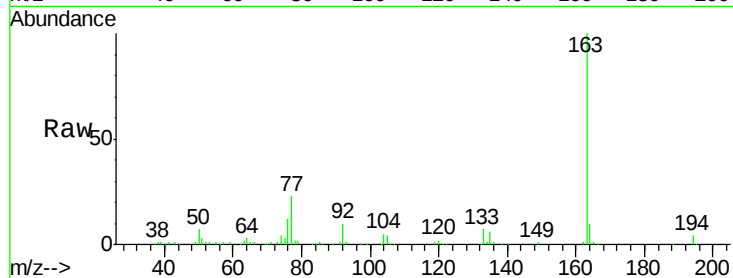




#44
 Dimethylphthalate
 Concen: 7.109 ng/ul
 RT: 14.46 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BN000607.D
 Acq: 24 Mar 2018 08:01

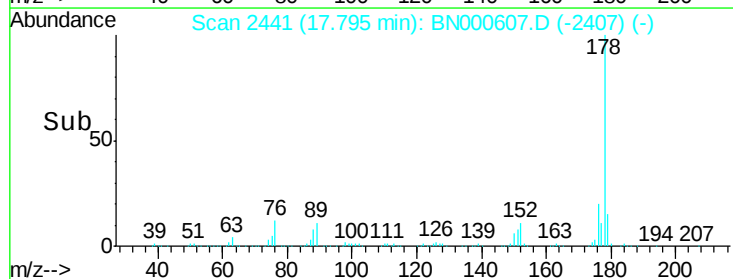
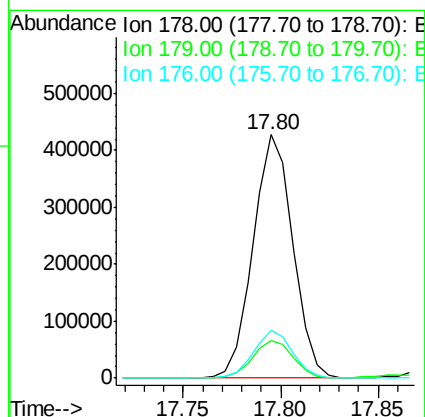
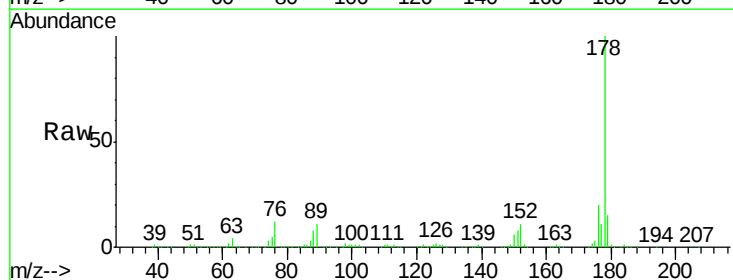
Instrument :
 BNA_N
 ClientSampled :

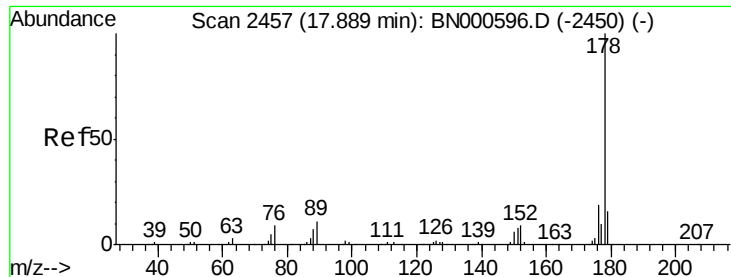
Tot Ion:163 Resp: 228127
 Ion Ratio Lower Upper
 163 100
 194 3.7 4.0 6.0#
 164 9.7 8.4 12.6



#69
 Phenanthrene
 Concen: 11.756 ng/ul
 RT: 17.80 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BN000607.D
 Acq: 24 Mar 2018 08:01

Tgt Ion:178 Resp: 602002
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 19.5 15.4 23.0

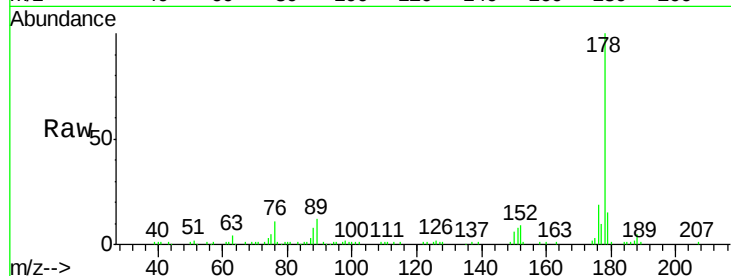




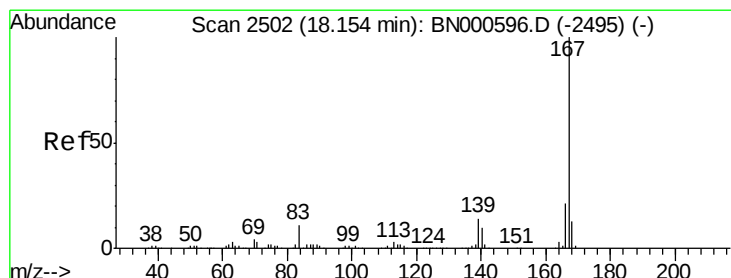
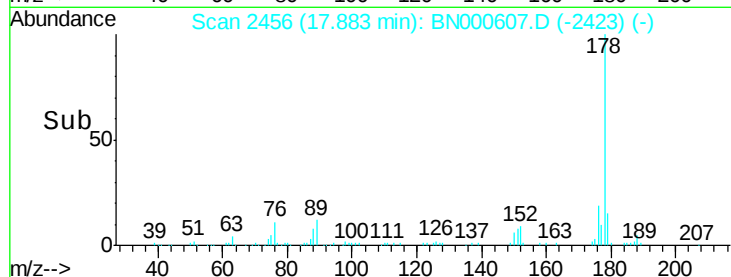
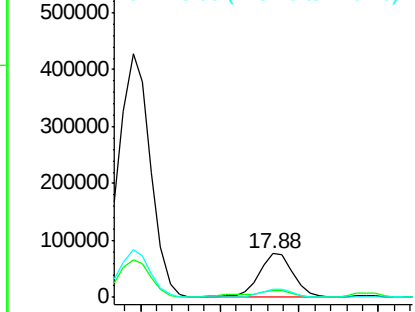
#71
 Anthracene
 Concen: 2.227 ng/ul
 RT: 17.88 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BN000607.D
 Acq: 24 Mar 2018 08:01

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:178 Resp: 116944
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.4 20.2
 176 18.8 15.4 23.0

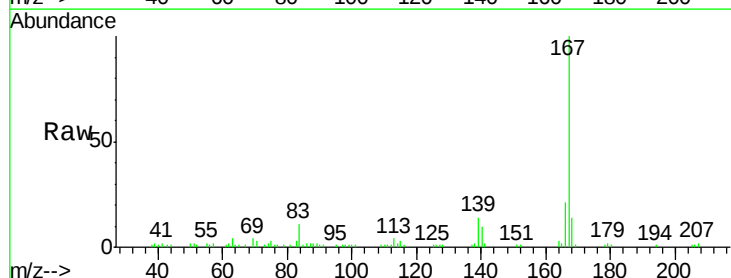


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

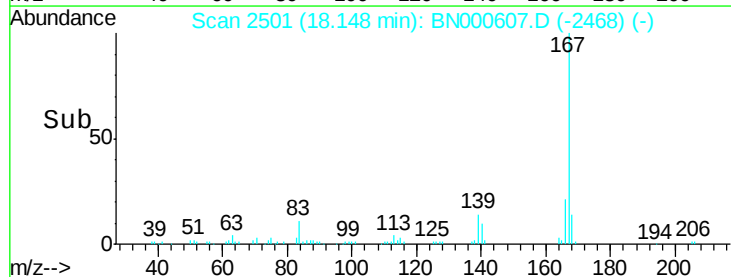
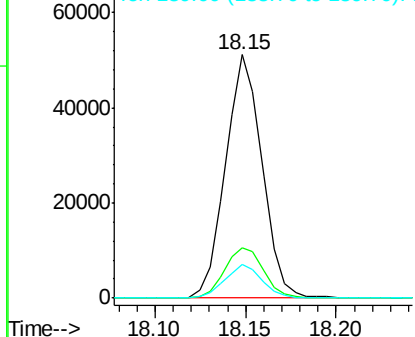


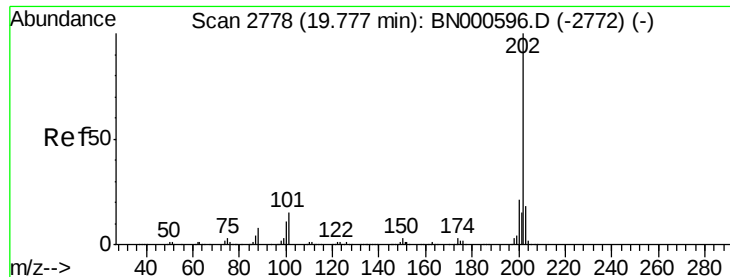
#72
 Carbazole
 Concen: 1.591 ng/ul
 RT: 18.15 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BN000607.D
 Acq: 24 Mar 2018 08:01

Tgt Ion:167 Resp: 71641
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 13.9 9.1 13.7#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 24.353 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

Instrument :

BNA_N

ClientSampleId :

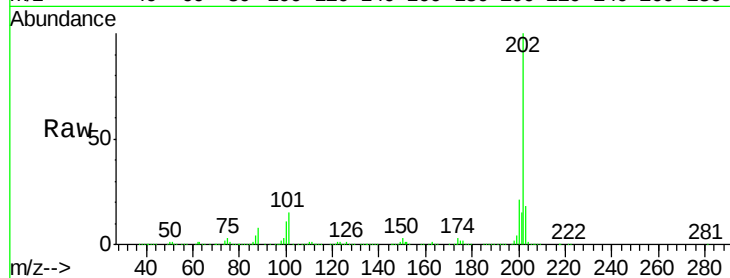
Tot Ion:202 Resp: 1239258

Ion Ratio Lower Upper

202 100

101 14.9 6.1 9.1#

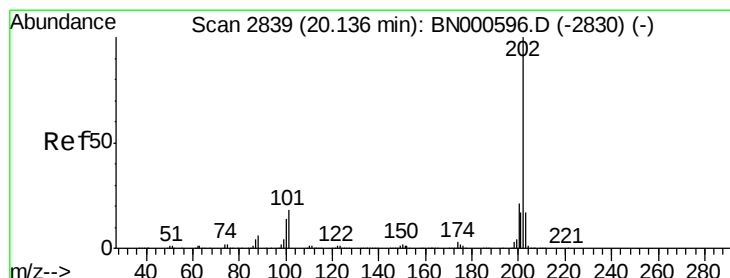
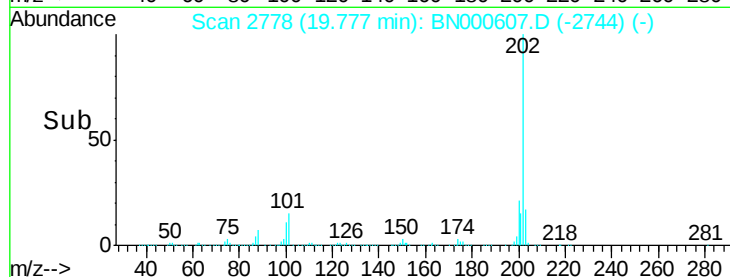
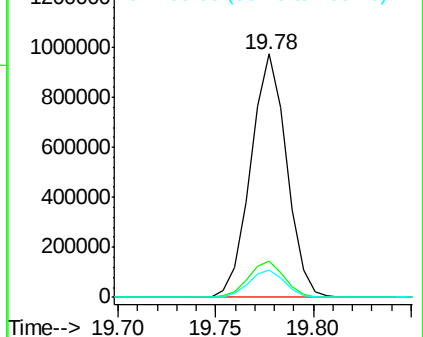
100 11.0 4.6 7.0#



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



#77

Pyrene

Concen: 15.679 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

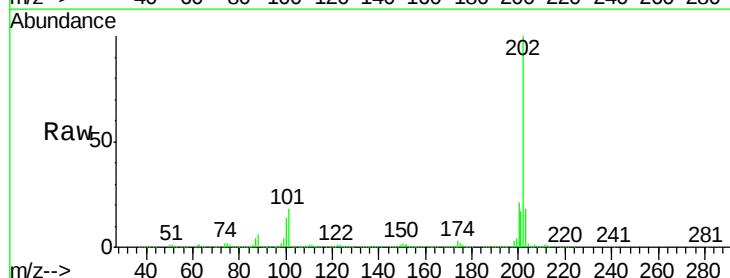
Tgt Ion:202 Resp: 1025059

Ion Ratio Lower Upper

202 100

101 17.6 6.9 10.3#

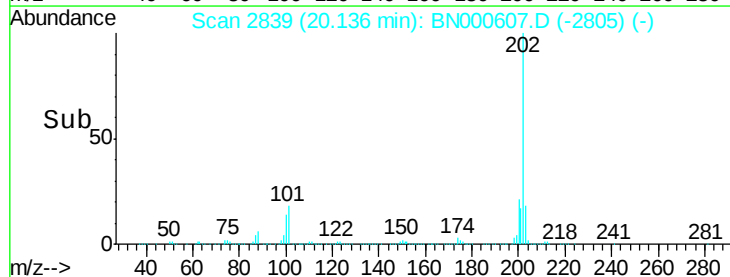
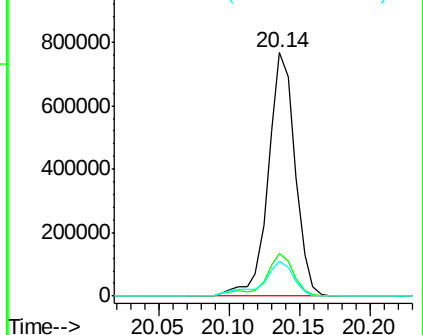
100 14.4 5.6 8.4#

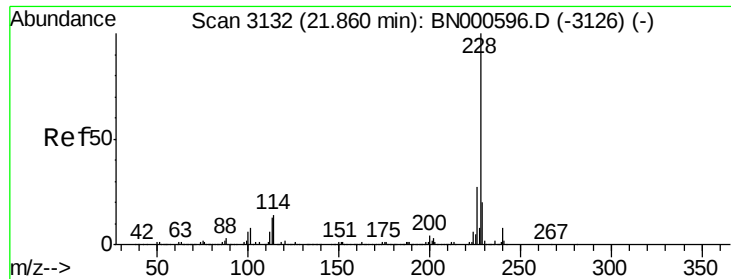


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 9.186 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

Instrument :

BNA_N

ClientSampleId :

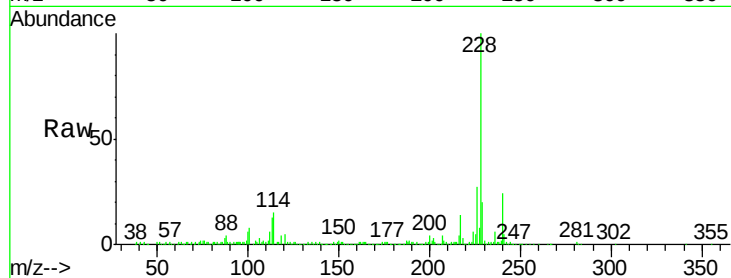
Tot Ion:228 Resp: 547832

Ion Ratio Lower Upper

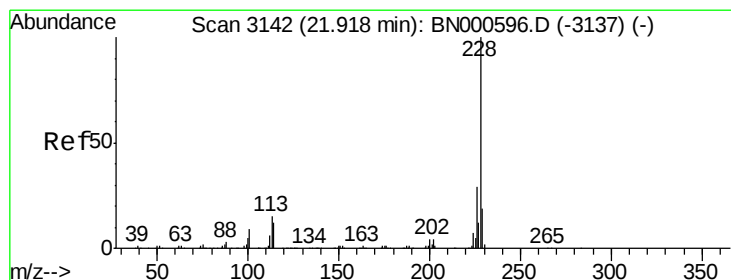
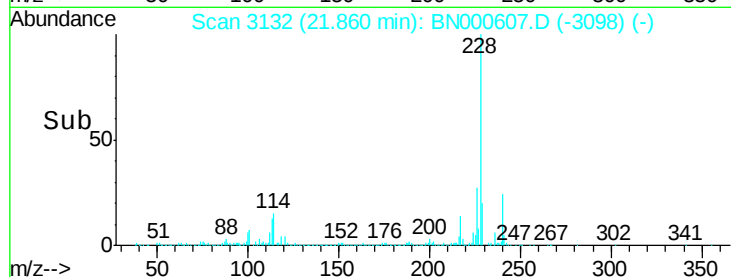
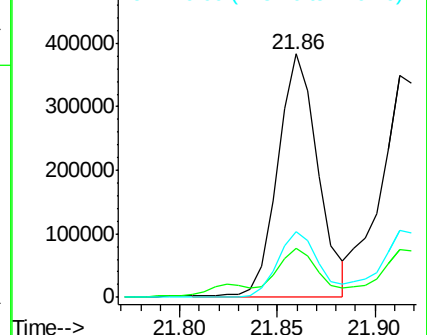
228 100

229 20.3 16.0 24.0

226 26.9 21.8 32.8



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



#82

Chrysene

Concen: 9.658 ng/ul

RT: 21.91 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

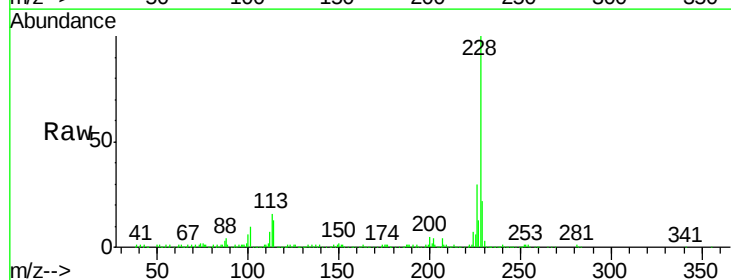
Tgt Ion:228 Resp: 539954

Ion Ratio Lower Upper

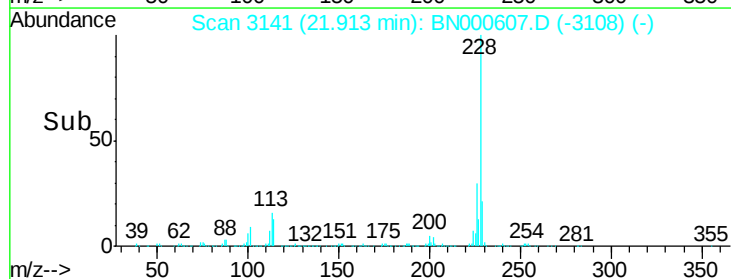
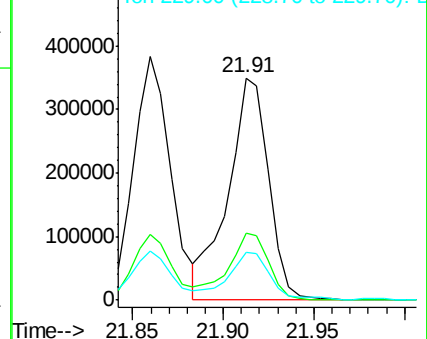
228 100

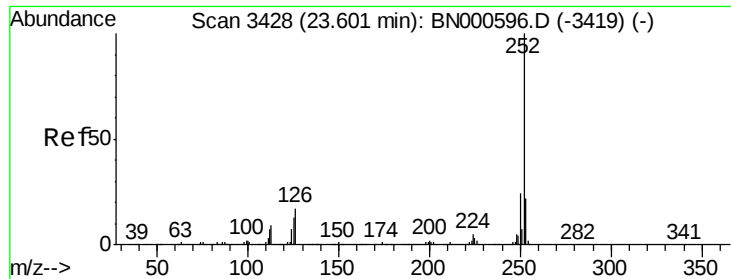
226 30.3 24.1 36.1

229 21.6 16.0 24.0



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

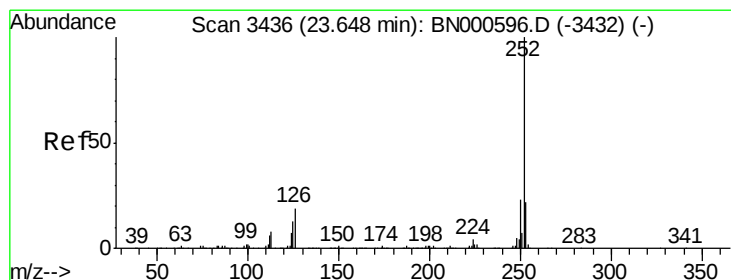
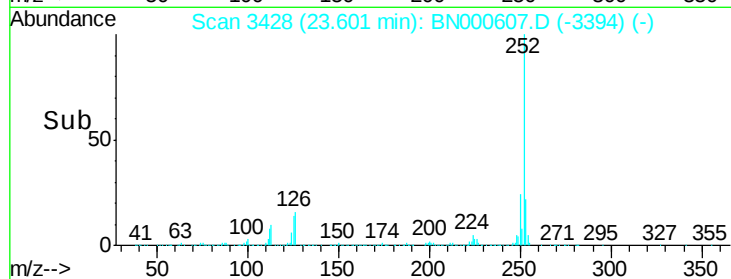
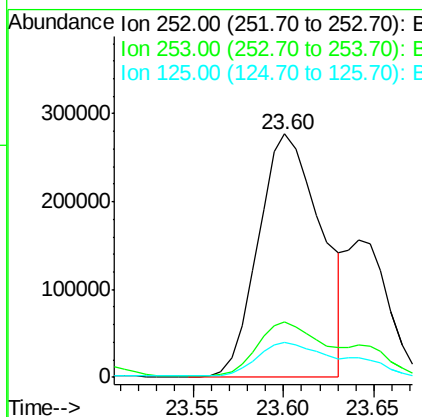
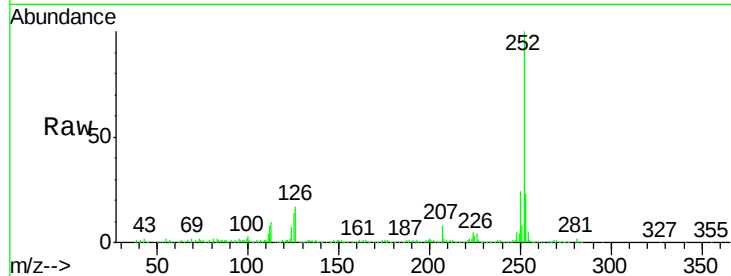




#85
Benzo(b)fluoranthene
Concen: 13.135 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. -0.00 min
Lab File: BN000607.D
Acq: 24 Mar 2018 08:01

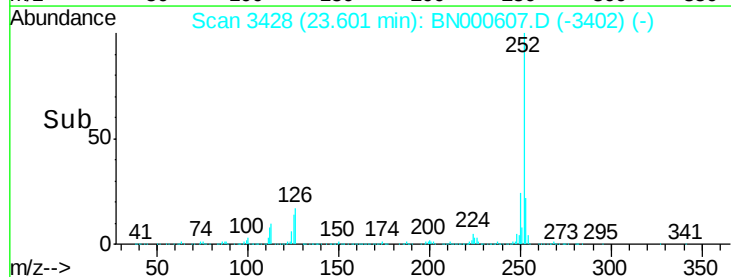
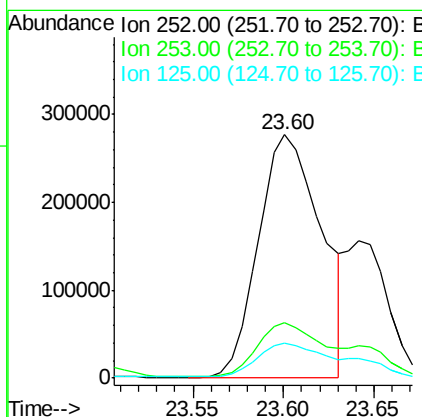
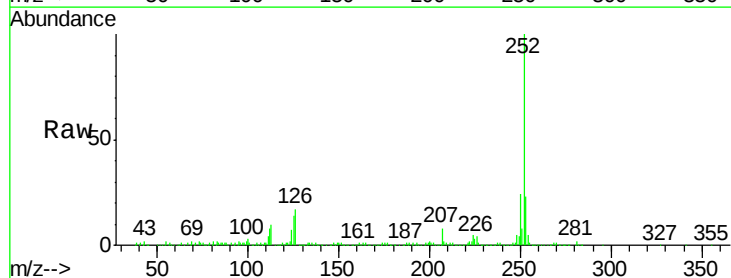
Instrument :
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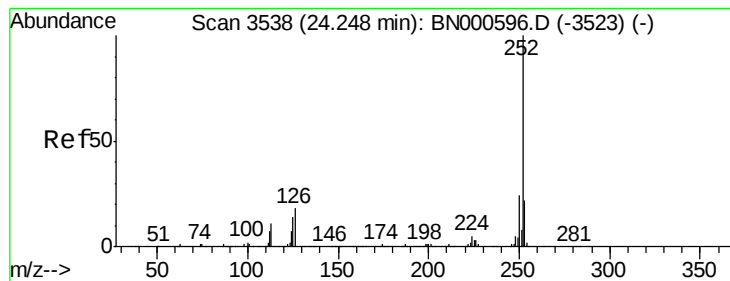
Tot Ion:252 Resp: 667345
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 14.1 4.9 7.3#



#86
Benzo(k)fluoranthene
Concen: 13.606 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BN000607.D
Acq: 24 Mar 2018 08:01

Tgt Ion:252 Resp: 667345
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 14.1 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 9.340 ng/ul

RT: 24.25 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

Instrument :

BNA_N

ClientSampleId :

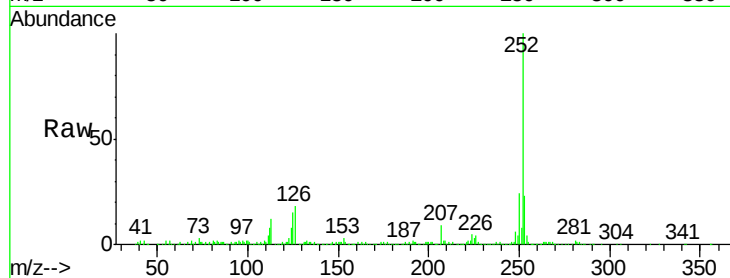
Tot Ion:252 Resp: 446597

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

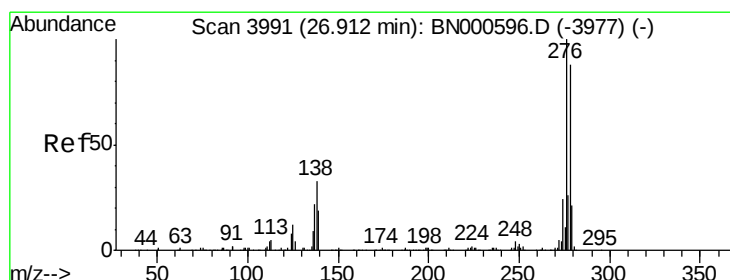
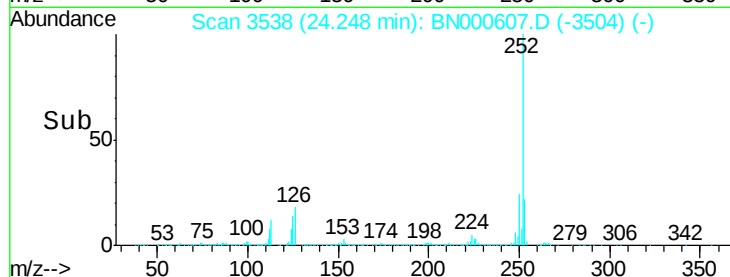
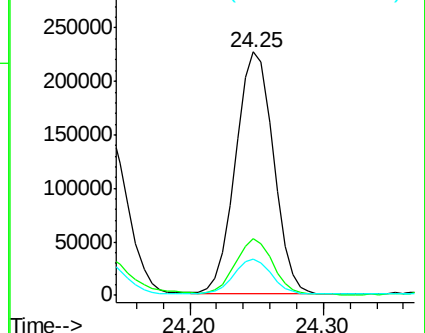
125 14.9 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.213 ng/ul

RT: 26.91 min Scan# 3990

Delta R.T. -0.01 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

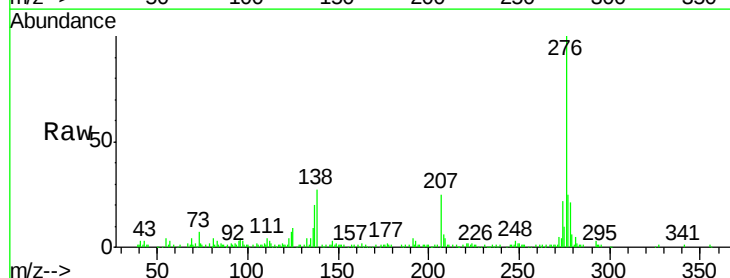
Tgt Ion:276 Resp: 268803

Ion Ratio Lower Upper

276 100

138 26.5 10.9 16.3#

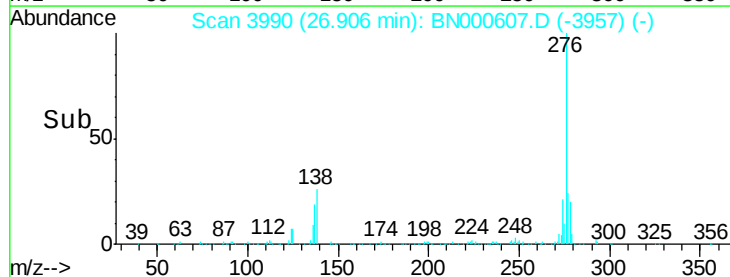
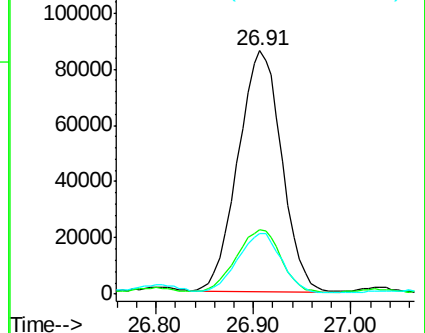
277 24.8 18.9 28.3

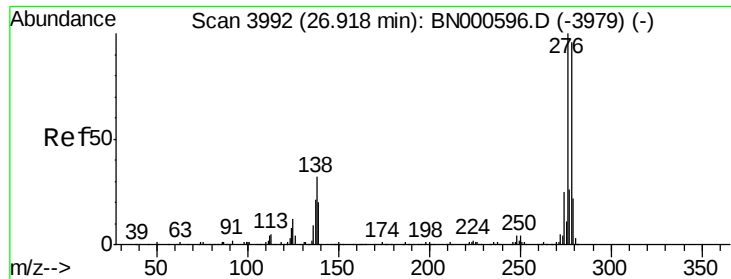


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.536 ng/ul

RT: 26.91 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

Instrument :

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ClientSampleId :

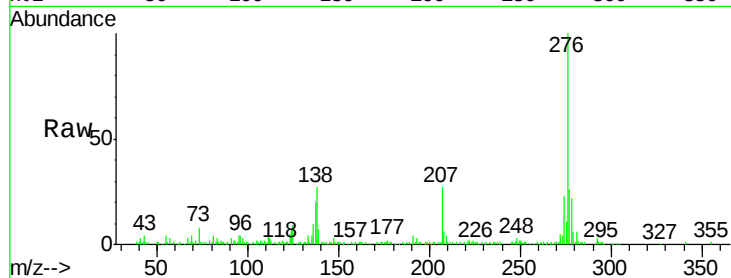
Tot Ion:278 Resp: 65984

Ion Ratio Lower Upper

278 100

139 31.9 9.0 13.4#

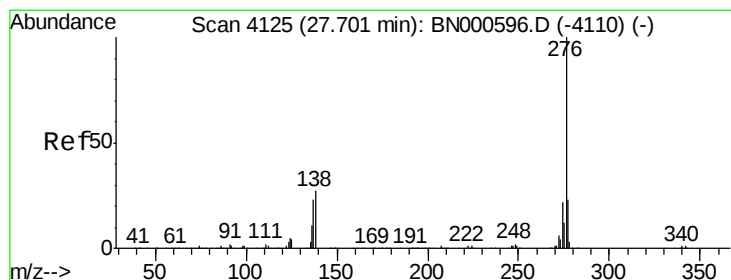
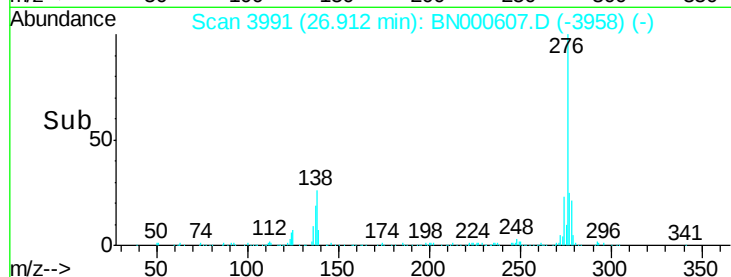
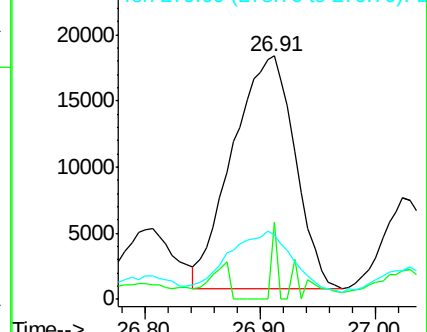
279 26.6 19.1 28.7



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



#91

Benzo(g,h,i)perylene

Concen: 5.778 ng/ul

RT: 27.69 min Scan# 4124

Delta R.T. -0.01 min

Lab File: BN000607.D

Acq: 24 Mar 2018 08:01

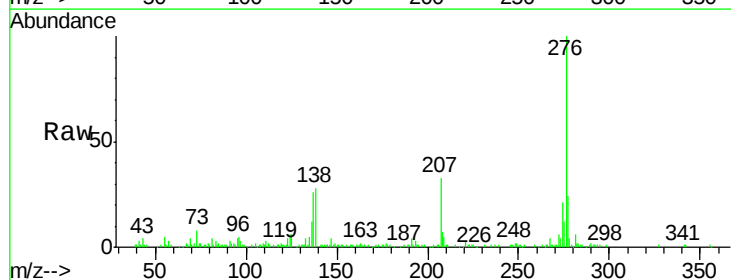
Tgt Ion:276 Resp: 247553

Ion Ratio Lower Upper

276 100

138 27.6 11.2 16.8#

277 24.3 19.0 28.6



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

