

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000605.D
 Acq On : 24 Mar 2018 06:53
 Operator : JU/SJ
 Sample : J1955-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1001

Quant Time: Mar 26 01:37:04 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	184193	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	795802	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	430959	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	897944	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	638105	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	526903	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	16208	3.14	ng/uL	0.00
5) Phenol-d5	7.55	99	315096	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	192158	19.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	233431	17.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.11	113	228146	17.04	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	111634	17.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	116044	17.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.86	165	208585	17.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	249288	20.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	663269	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	853967	19.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	89392	14.14	ng/ul	0.00
57) Fluorene-d10	16.01	176	570876	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	57725	11.22	ng/ul	0.00
70) Anthracene-d10	17.85	188	818301	18.96	ng/ul	0.00
76) Pyrene-d10	20.11	212	808716	22.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	497089	19.99	ng/ul	0.00

Target Compounds

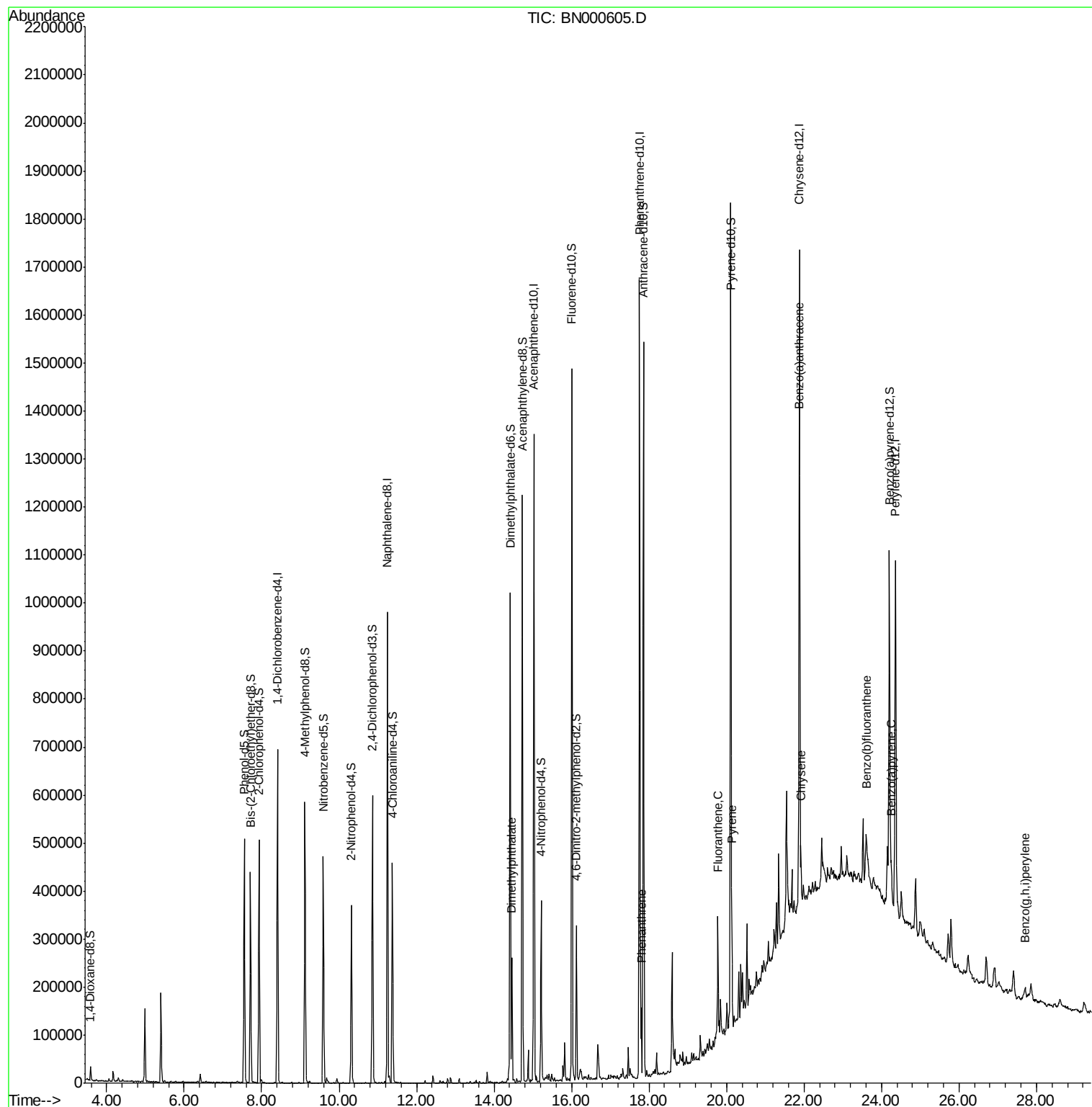
					Ovalue
44) Dimethylphthalate	14.46	163	147009	4.365 ng/ul	98
69) Phenanthrene	17.80	178	76087	1.471 ng/ul	98
74) Fluoranthene	19.78	202	139424	2.712 ng/ul#	84
77) Pyrene	20.14	202	129896	2.787 ng/ul#	77
80) Benzo(a)anthracene	21.87	228	59064	1.389 ng/ul	98
82) Chrysene	21.92	228	64574	1.620 ng/ul	96
85) Benzo(b)fluoranthene	23.61	252	70389	2.114 ng/ul#	84
88) Benzo(a)pyrene	24.25	252	47829	1.526 ng/ul#	82
91) Benzo(a,h,i)perylene	27.71	276	30290	1.079 ng/ul#	80

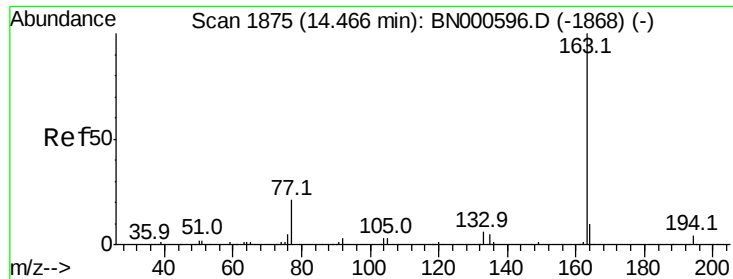
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.365 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BN000605.D

Acq: 24 Mar 2018 06:53

Instrument :

BNA_N

ClientSampled :

C1001

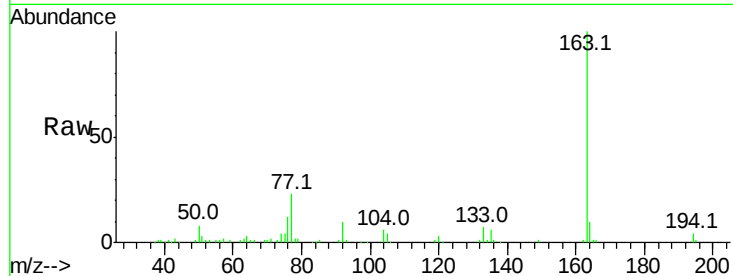
Tot Ion:163 Resp: 147009

Ion Ratio Lower Upper

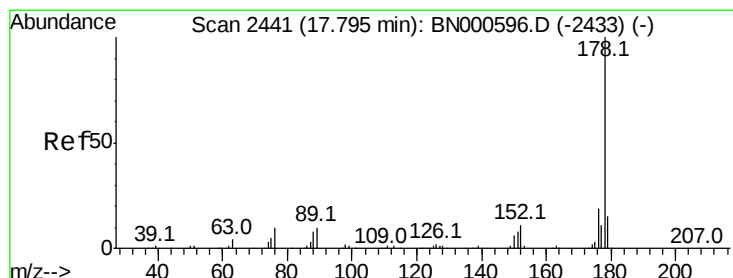
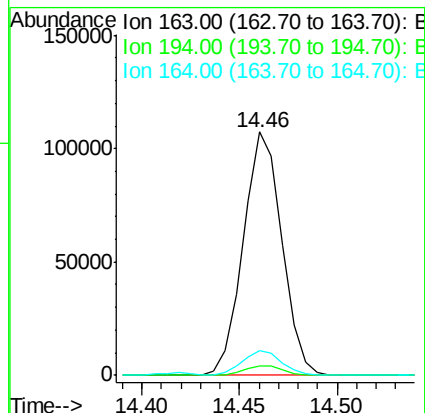
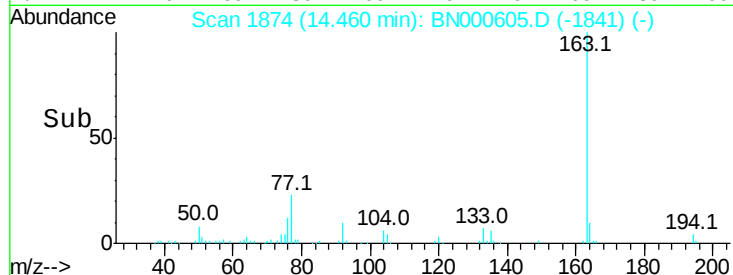
163 100

194 4.1 4.0 6.0

164 10.1 8.4 12.6



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: 1.471 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000605.D

Acq: 24 Mar 2018 06:53

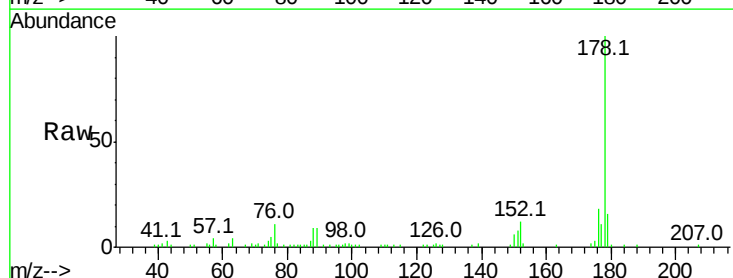
Tgt Ion:178 Resp: 76087

Ion Ratio Lower Upper

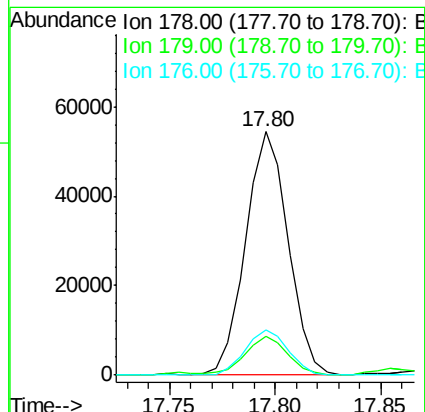
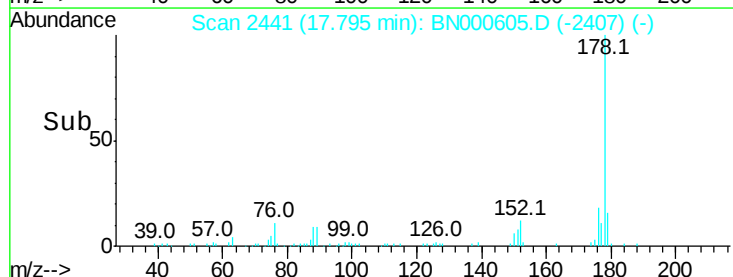
178 100

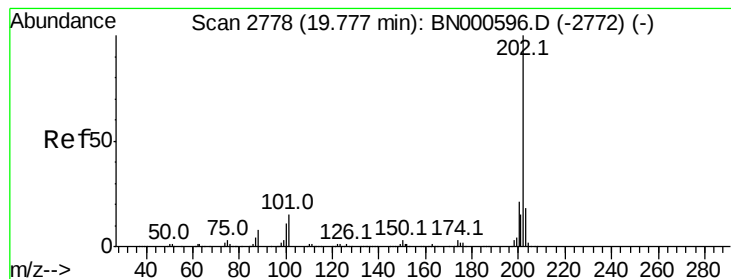
179 16.0 12.3 18.5

176 18.4 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





#74

Fluoranthene

Concen: 2.712 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000605.D

Acq: 24 Mar 2018 06:53

Instrument :

BNA_N

ClientSampleId :

C1001

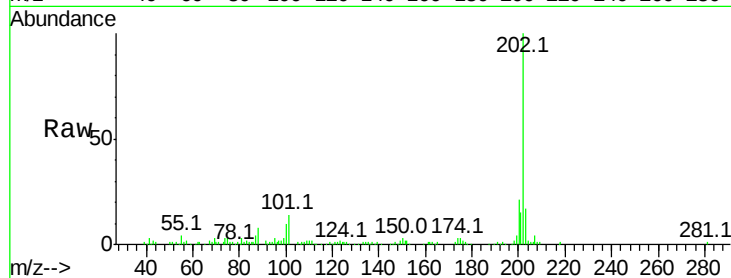
Tot Ion:202 Resp: 139424

Ion Ratio Lower Upper

202 100

101 13.9 6.1 9.1#

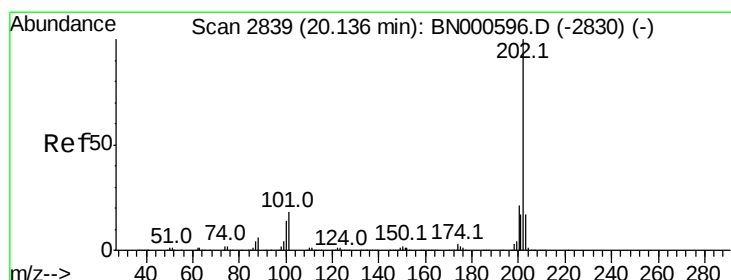
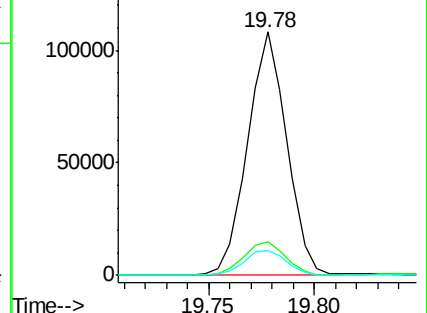
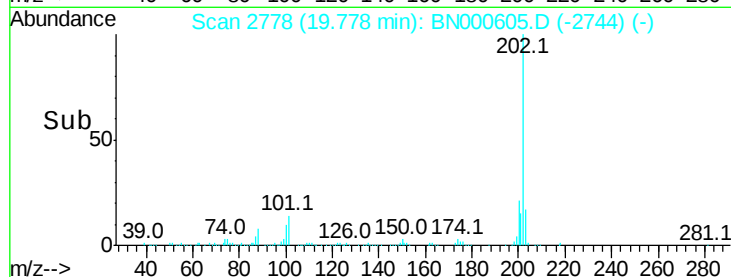
100 10.3 4.6 7.0#



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: 2.787 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000605.D

Acq: 24 Mar 2018 06:53

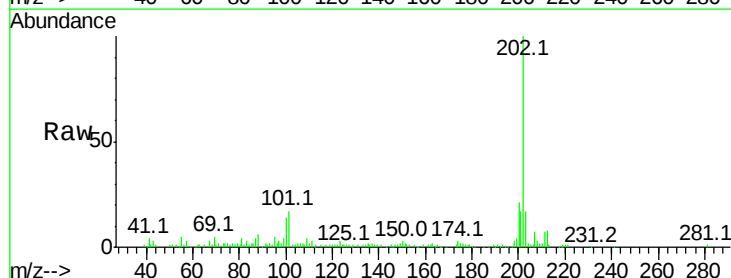
Tgt Ion:202 Resp: 129896

Ion Ratio Lower Upper

202 100

101 17.3 6.9 10.3#

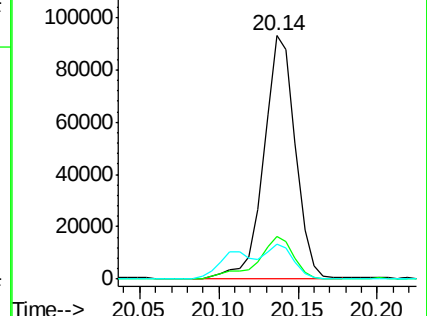
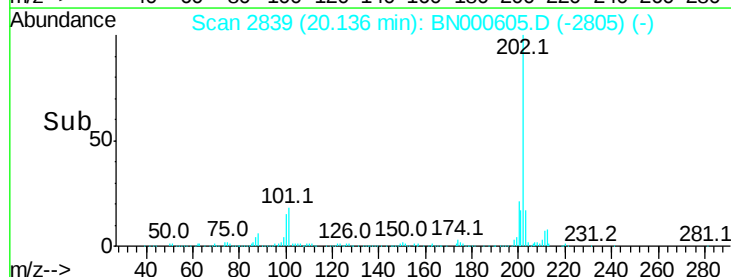
100 14.3 5.6 8.4#

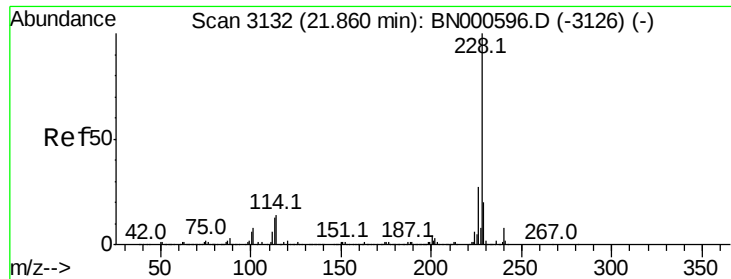


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

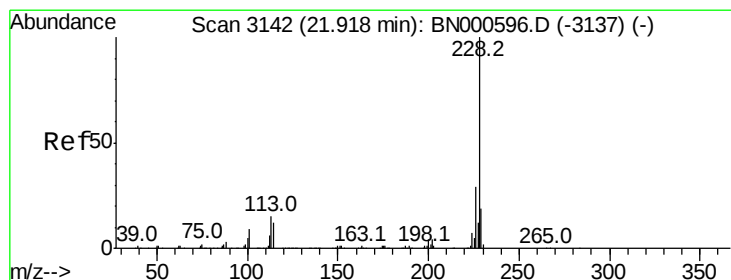
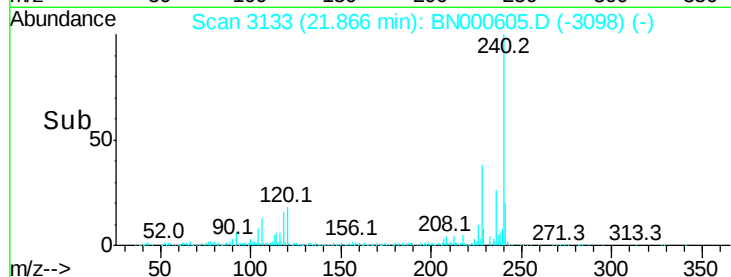
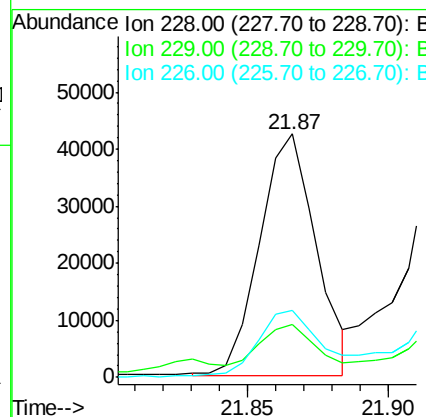
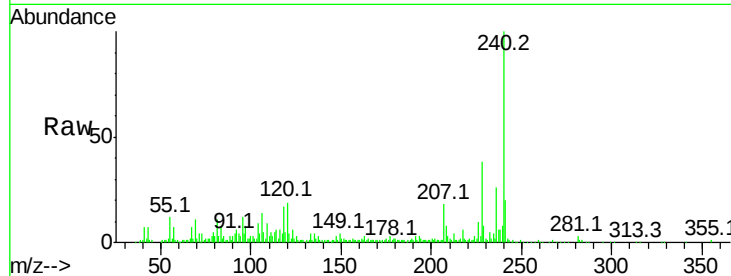




#80
Benzo(a)anthracene
Concen: 1.389 ng/ul
RT: 21.87 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BN000605.D
Acq: 24 Mar 2018 06:53

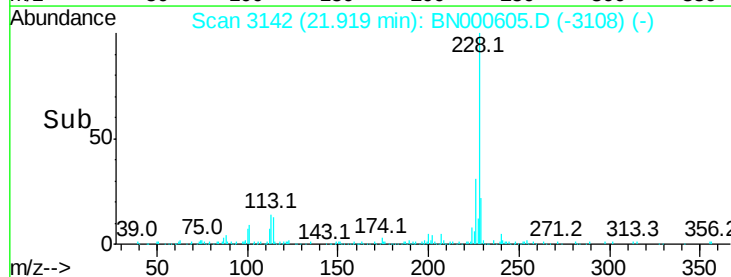
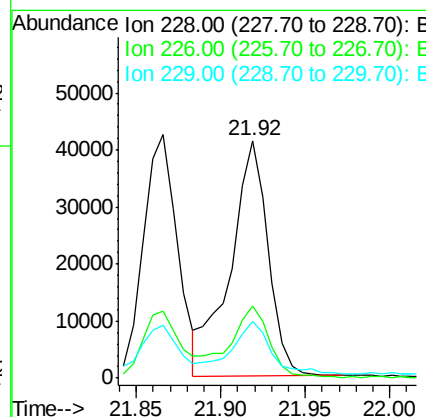
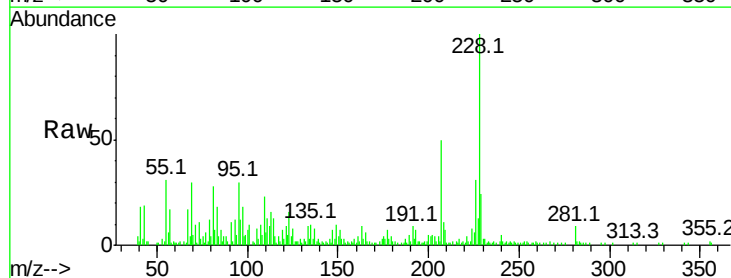
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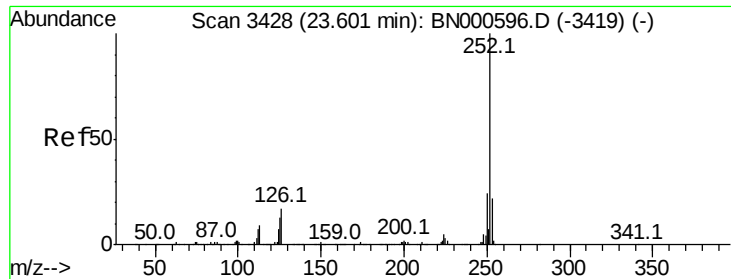
Tot Ion:228 Resp: 59064
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 27.4 21.8 32.8



#82
Chrysene
Concen: 1.620 ng/ul
RT: 21.92 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BN000605.D
Acq: 24 Mar 2018 06:53

Tgt Ion:228 Resp: 64574
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 23.6 16.0 24.0

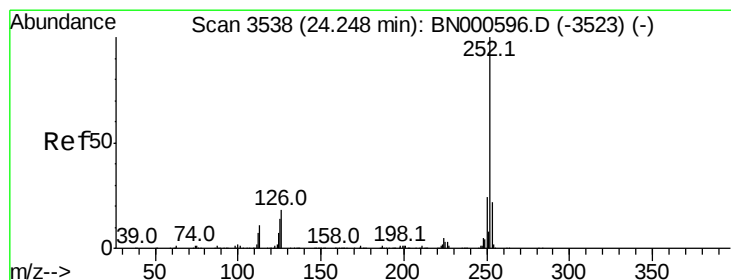
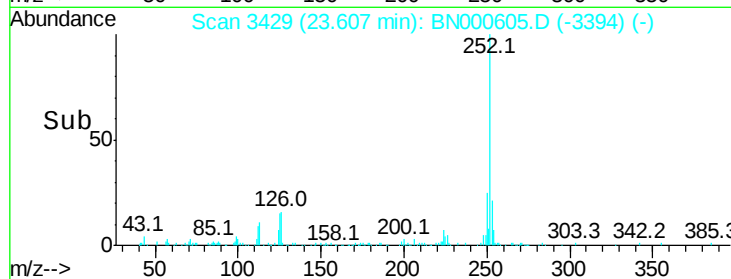
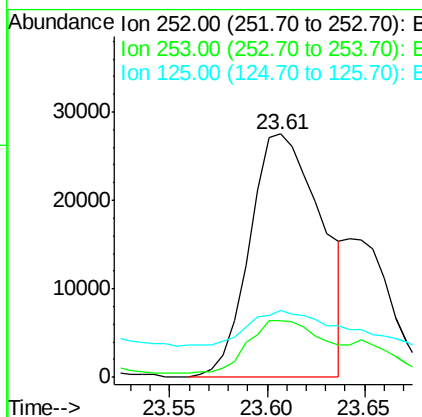
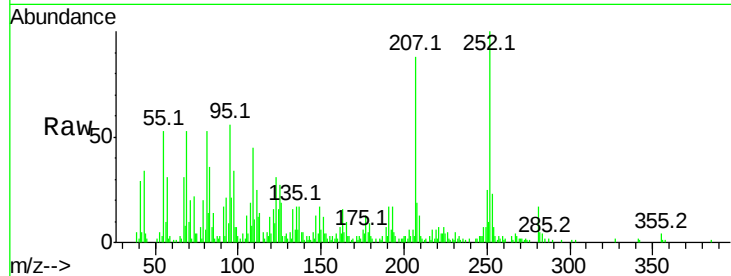




#85
Benzo(b)fluoranthene
Concen: 2.114 ng/ul
RT: 23.61 min Scan# 3429
Delta R.T. 0.01 min
Lab File: BN000605.D
Acq: 24 Mar 2018 06:53

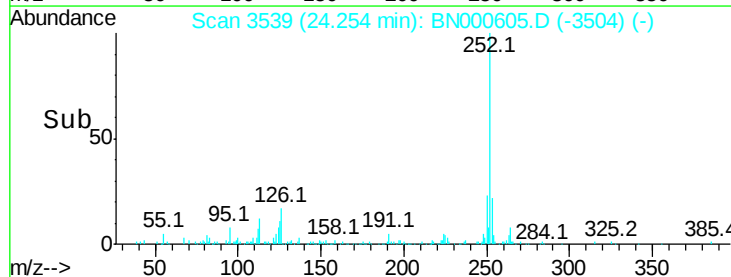
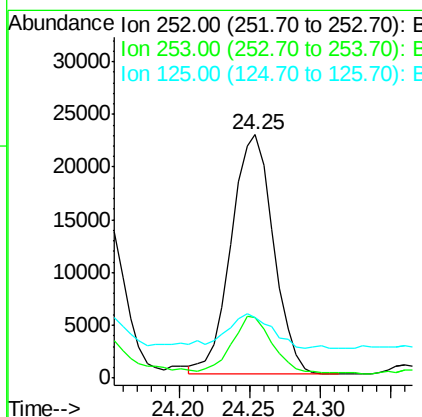
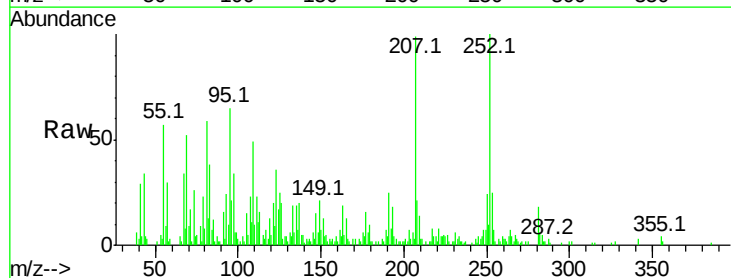
Instrument :
BNA_N
ClientSampleId :
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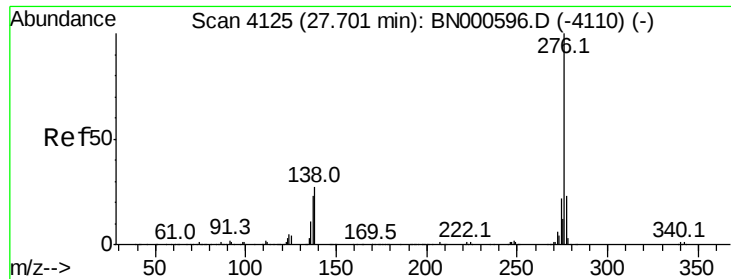
Tot Ion:252 Resp: 70389
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 27.2 4.9 7.3#



#88
Benzo(a)pyrene
Concen: 1.526 ng/ul
RT: 24.25 min Scan# 3539
Delta R.T. 0.01 min
Lab File: BN000605.D
Acq: 24 Mar 2018 06:53

Tgt Ion:252 Resp: 47829
Ion Ratio Lower Upper
252 100
253 24.9 17.2 25.8
125 24.9 5.8 8.6#





#91

Benzo(a,h,i)perylene

Concen: 1.079 ng/ul

RT: 27.71 min Scan# 4126

Delta R.T. 0.01 min

Lab File: BN000605.D

Acq: 24 Mar 2018 06:53

Instrument :

BNA_N

ClientSampleId :

C1001

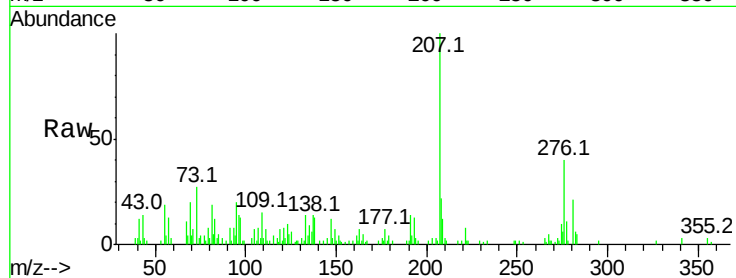
Tot Ion:276 Resp: 30290

Ion Ratio Lower Upper

276 100

138 31.2 11.2 16.8#

277 27.6 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

