

Data File : BN004176.D
Acq On : 22 Dec 2018 00:34
Operator : JU/SJ
Sample : J6476-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AA4

Quant Time: Dec 22 05:01:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	35864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	169117	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	97650	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	215811	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	230409	20.00	ng/ul	0.00
85) Perylene-d12	23.73	264	213341	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1900	3.47	ng/uL	0.00
5) Phenol-d5	6.99	99	52025	14.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	34754	18.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	42095	15.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	39391	13.33	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	25907	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	22723	14.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	39103	14.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	55501	21.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	165353	18.97	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	197902	19.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2203	1.22	ng/ul	0.02
57) Fluorene-d10	15.46	176	142349	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	1153	0.74	ng/ul	0.00
70) Anthracene-d10	17.31	188	211749	19.42	ng/ul	0.00
78) Pyrene-d10	19.61	212	219996	21.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.58	264	211568	18.28	ng/ul	0.00

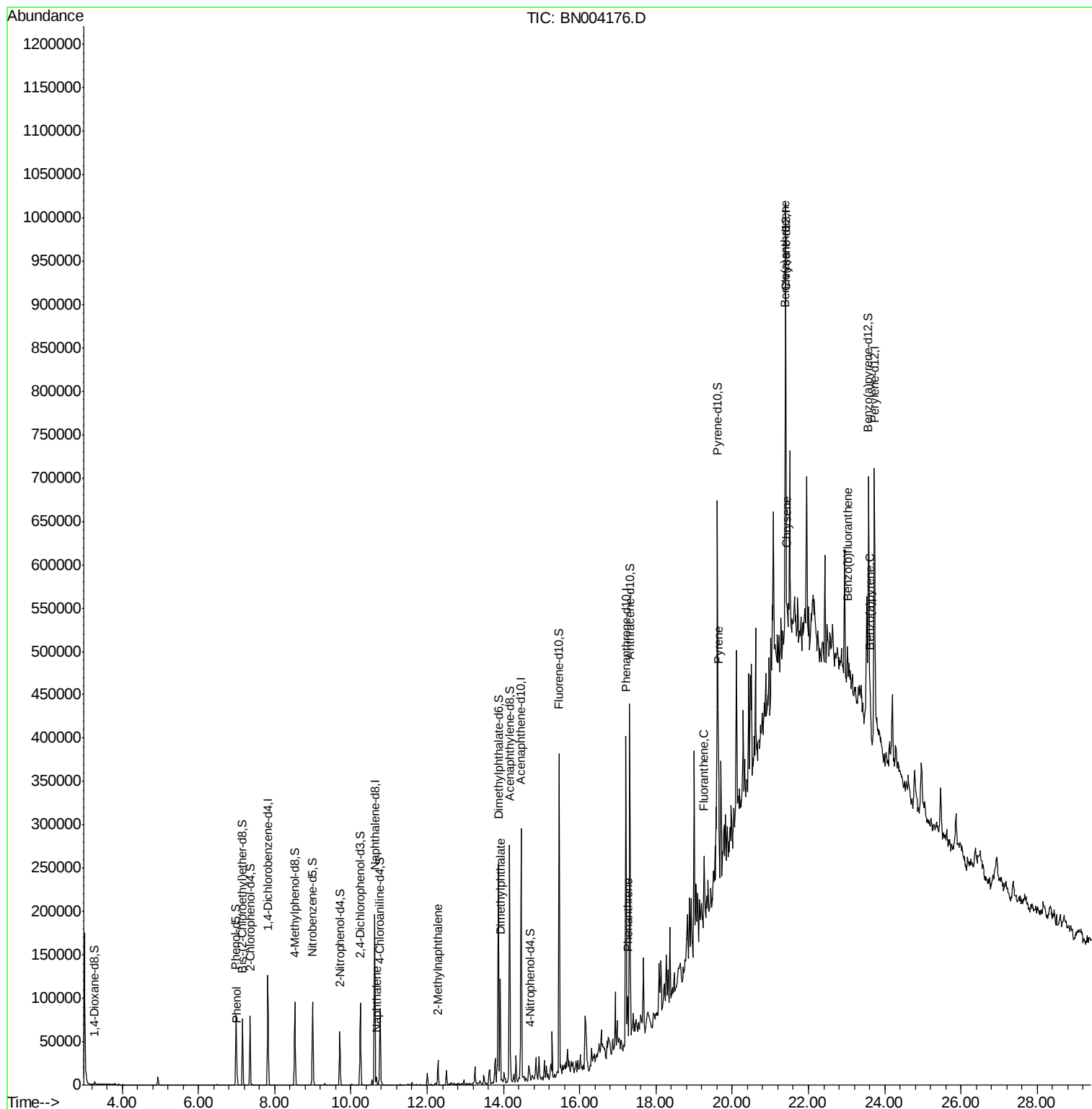
Target Compounds					Qvalue
6) Phenol	7.02	94	7283	2.046 ng/ul	93
28) Naphthalene	10.67	128	9407	1.037 ng/ul	98
34) 2-Methylnaphthalene	12.28	142	15634	2.288 ng/ul	99
44) Dimethylphthalate	13.92	163	73015	8.581 ng/ul	99
69) Phenanthrene	17.26	178	27926	2.240 ng/ul#	96
76) Fluoranthene	19.27	202	23497	1.537 ng/ul#	92
79) Pyrene	19.64	202	81198	6.308 ng/ul	98
82) Benzo(a)anthracene	21.39	228	24250	1.688 ng/ul#	68
84) Chrysene	21.44	228	32933	2.447 ng/ul#	77
87) Benzo(b)fluoranthene	23.02	252	18763	1.468 ng/ul#	44
90) Benzo(a)pyrene	23.62	252	17046	1.385 ng/ul#	51

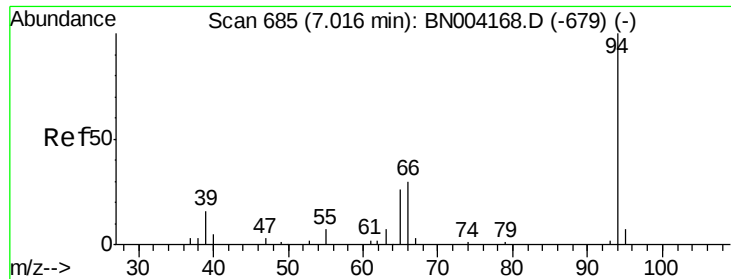
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.046 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004176.D

Acq: 22 Dec 2018 00:34

Instrument :

BNA_N

ClientSampleId :

C5AA4

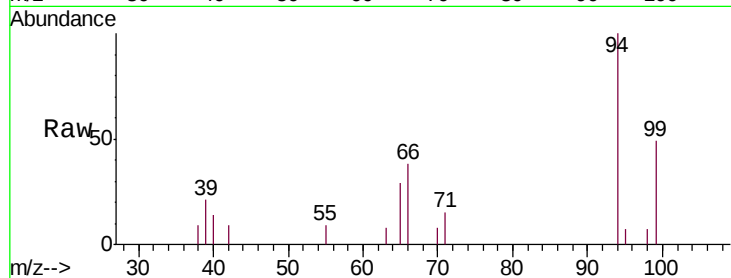
Tgt Ion: 94 Resp: 7283

Ion Ratio Lower Upper

94 100

65 29.2 21.2 31.8

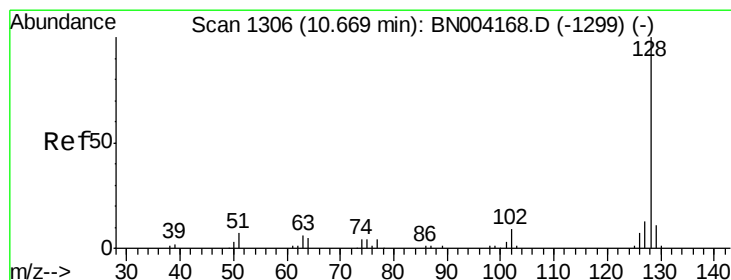
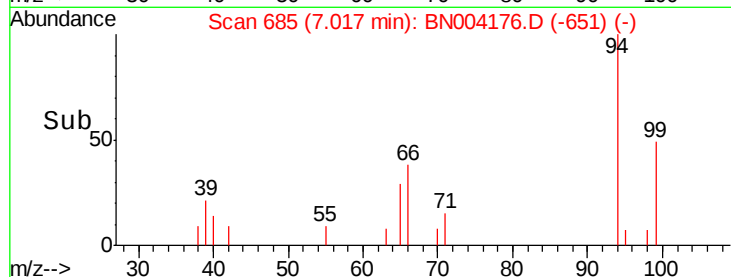
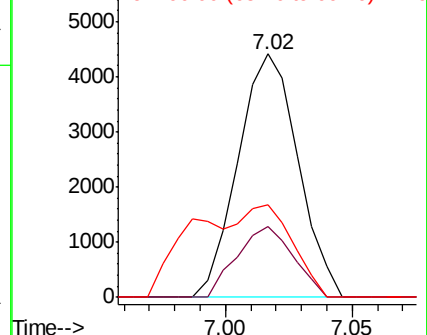
66 38.2 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN004168.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN004168.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN004168.D (-679) (-)



#28

Naphthalene

Concen: 1.037 ng/ul

RT: 10.67 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BN004176.D

Acq: 22 Dec 2018 00:34

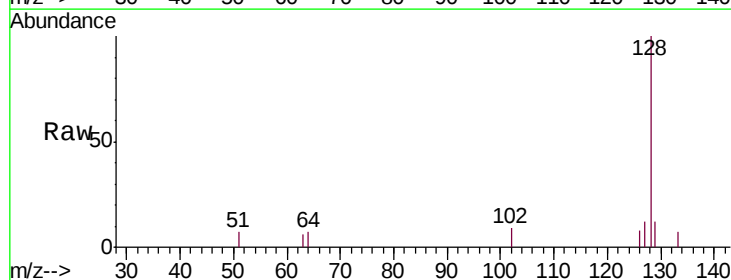
Tgt Ion: 128 Resp: 9407

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

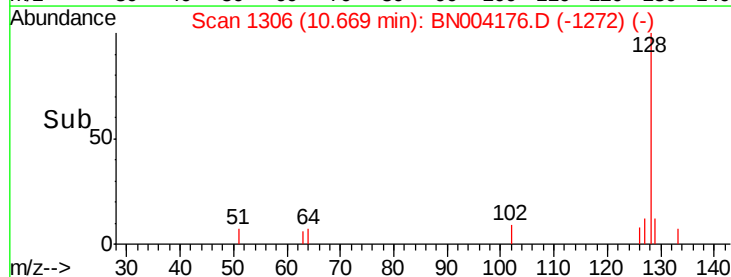
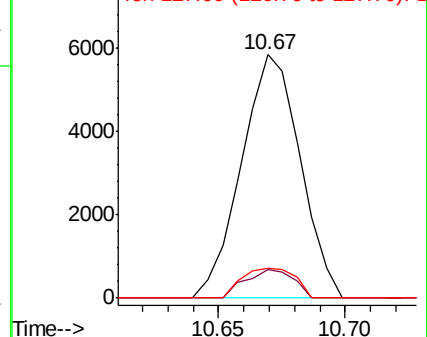
127 12.5 10.6 16.0

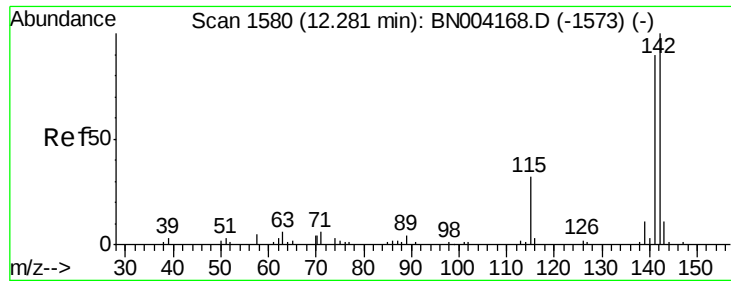


Abundance Ion 128.00 (127.70 to 128.70): BN004168.D (-1299) (-)

Ion 129.00 (128.70 to 129.70): BN004168.D (-1299) (-)

Ion 127.00 (126.70 to 127.70): BN004168.D (-1299) (-)

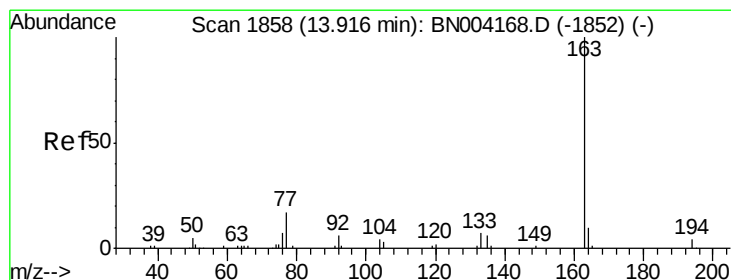
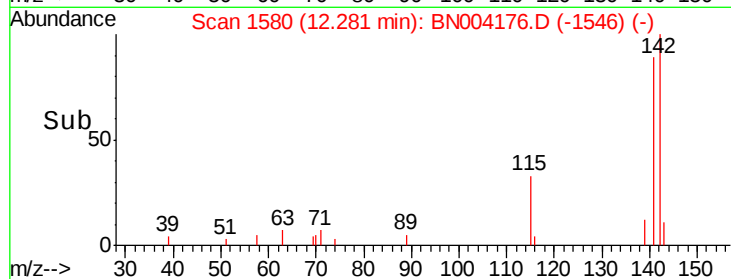
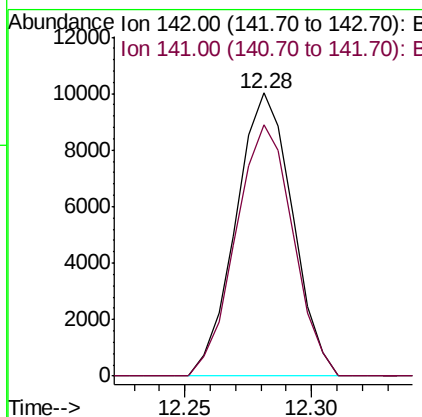
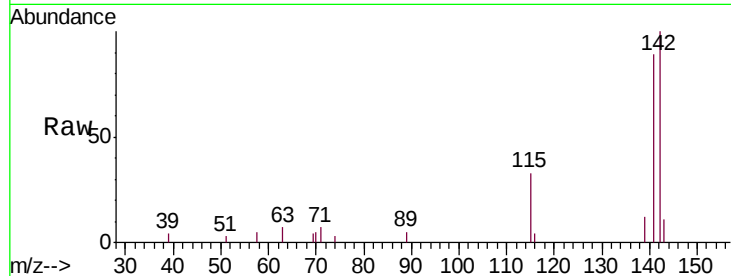




#34
 2-Methylnaphthalene
 Concen: 2.288 ng/ul
 RT: 12.28 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BN004176.D
 Acq: 22 Dec 2018 00:34

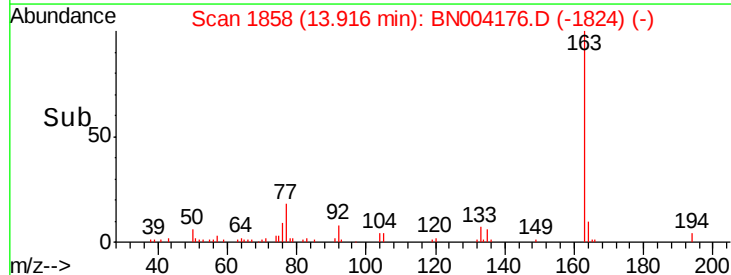
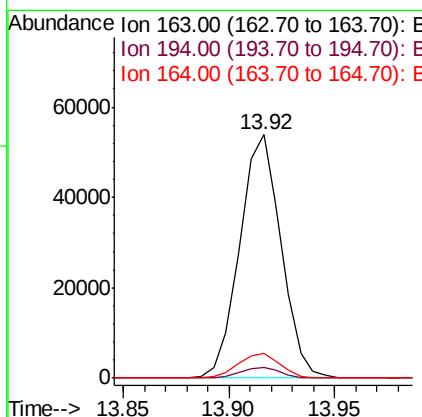
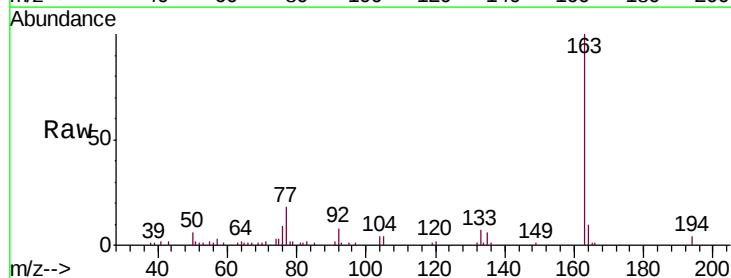
Instrument :
 BNA_N
 ClientSampled :
 C5AA4

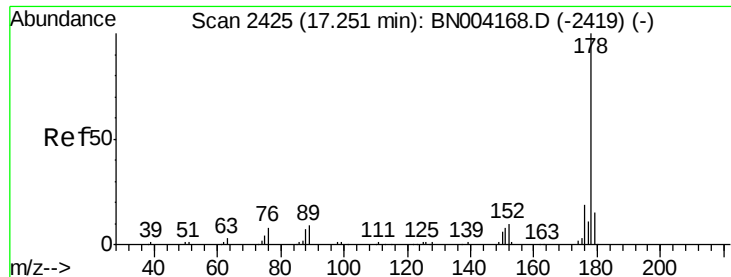
Tgt Ion:142 Resp: 15634
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.2 105.2



#44
 Dimethylphthalate
 Concen: 8.581 ng/ul
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN004176.D
 Acq: 22 Dec 2018 00:34

Tgt Ion:163 Resp: 73015
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.0
 164 10.2 7.9 11.9





#69

Phenanthrene

Concen: 2.240 ng/ul

RT: 17.26 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BN004176.D

Acq: 22 Dec 2018 00:34

Instrument :

BNA_N

ClientSampled :

C5AA4

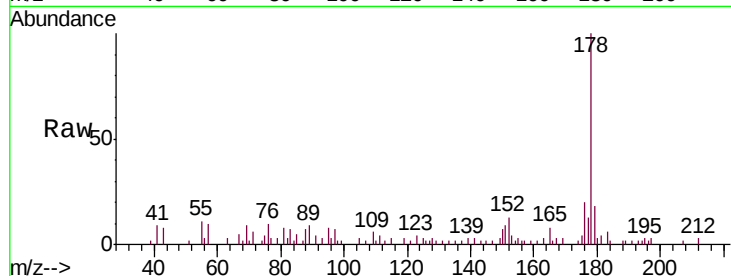
Tgt Ion:178 Resp: 27926

Ion Ratio Lower Upper

178 100

179 18.2 12.1 18.1#

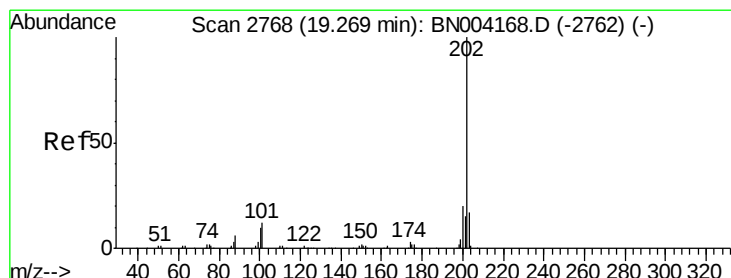
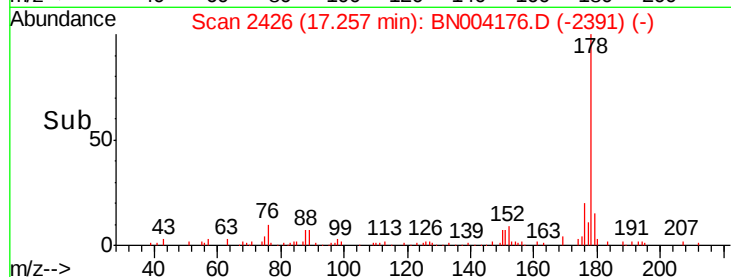
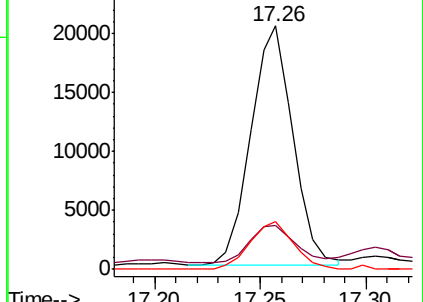
176 19.5 15.0 22.6



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: 1.537 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BN004176.D

Acq: 22 Dec 2018 00:34

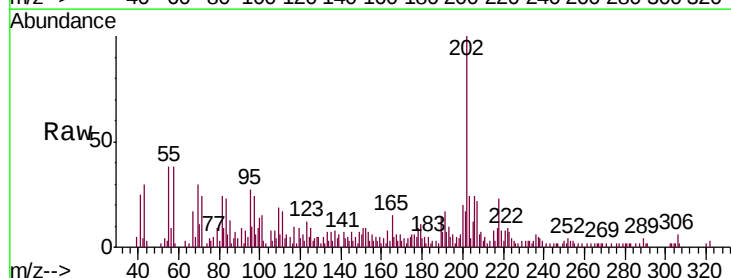
Tgt Ion:202 Resp: 23497

Ion Ratio Lower Upper

202 100

101 15.1 10.2 15.2

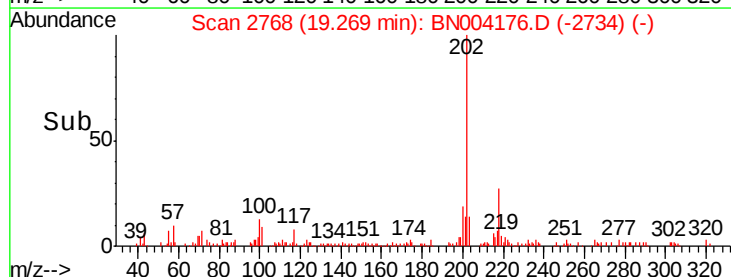
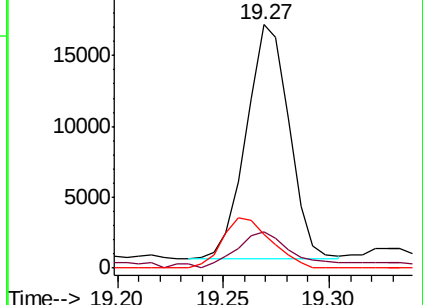
100 14.0 7.8 11.8#

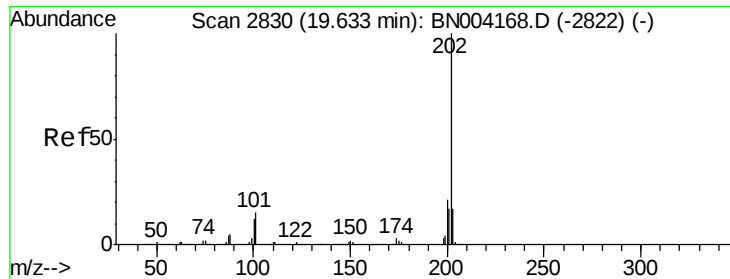


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

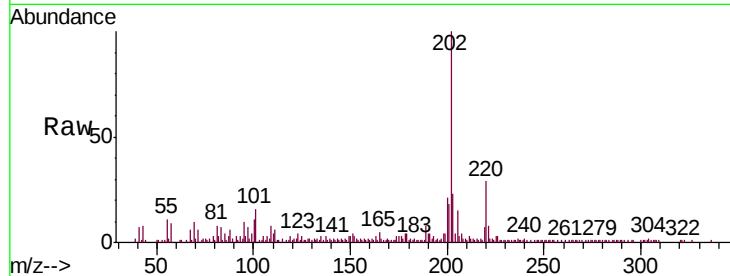




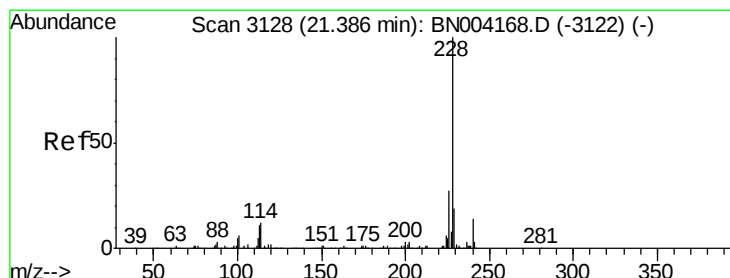
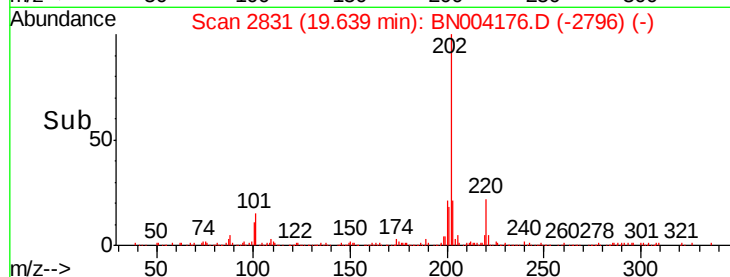
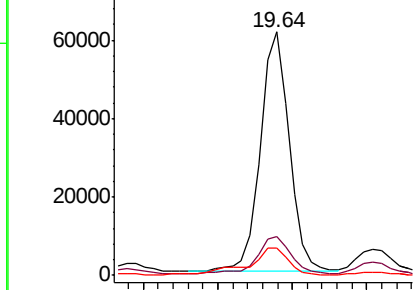
#79
 Pyrene
 Concen: 6.308 ng/ul
 RT: 19.64 min Scan# 2831
 Delta R.T. 0.01 min
 Lab File: BN004176.D
 Acq: 22 Dec 2018 00:34

Instrument :
 BNA_N
 ClientSampleId :
 C5AA4

Tgt Ion:	202	Resp:	81198
Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.2	18.2
100	11.3	9.9	14.9

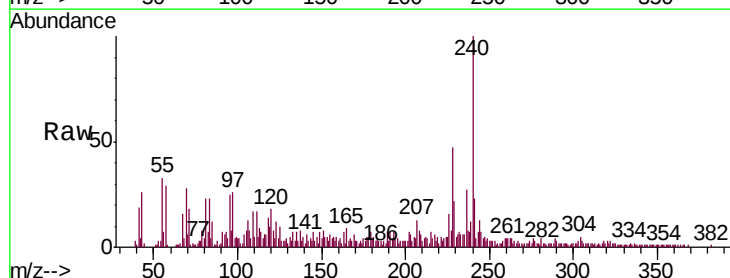


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

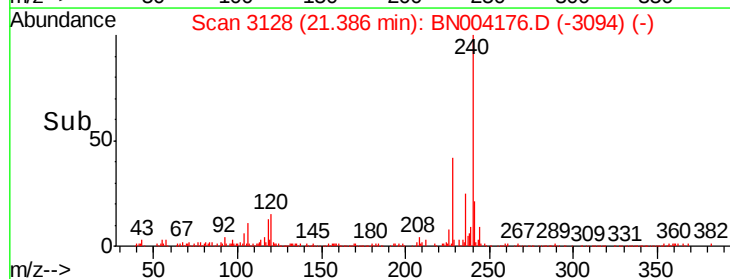
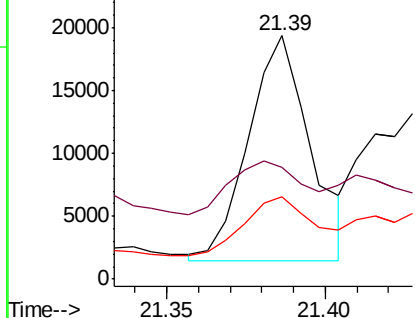


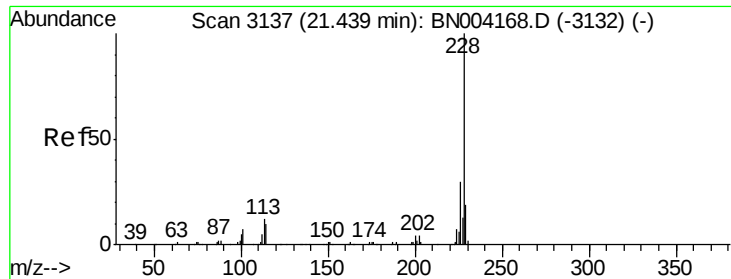
#82
 Benzo(a)anthracene
 Concen: 1.688 ng/ul
 RT: 21.39 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: BN004176.D
 Acq: 22 Dec 2018 00:34

Tgt Ion:	228	Resp:	24250
Ion	Ratio	Lower	Upper
228	100		
229	46.1	15.9	23.9#
226	33.8	21.4	32.2#



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: 2.447 ng/ul

RT: 21.44 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BN004176.D

Acq: 22 Dec 2018 00:34

Instrument :

BNA_N

ClientSampled :

C5AA4

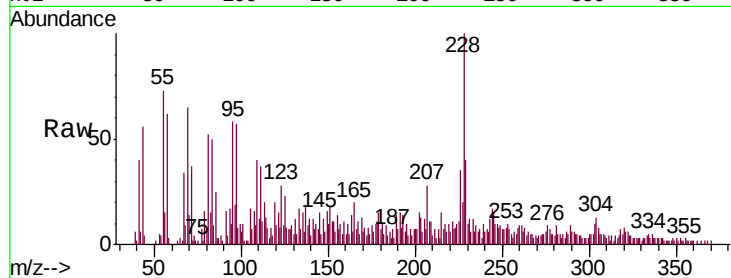
Tgt Ion:228 Resp: 32933

Ion Ratio Lower Upper

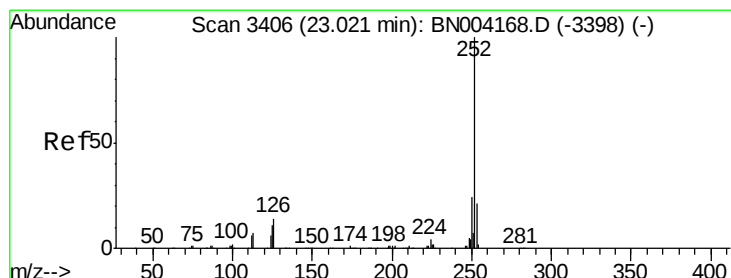
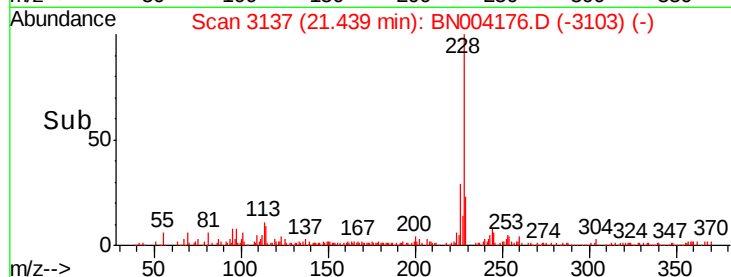
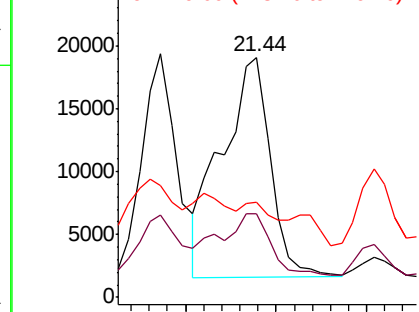
228 100

226 34.6 23.8 35.8

229 39.6 15.8 23.6#



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: 1.468 ng/ul

RT: 23.02 min Scan# 3406

Delta R.T. 0.00 min

Lab File: BN004176.D

Acq: 22 Dec 2018 00:34

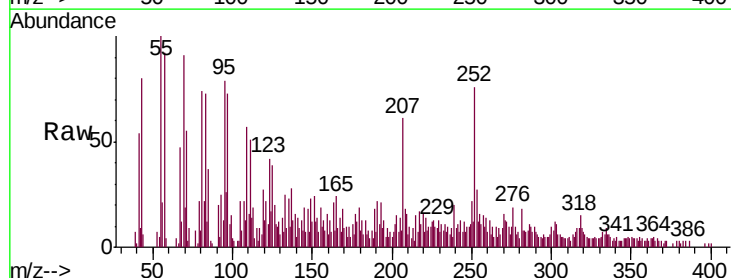
Tgt Ion:252 Resp: 18763

Ion Ratio Lower Upper

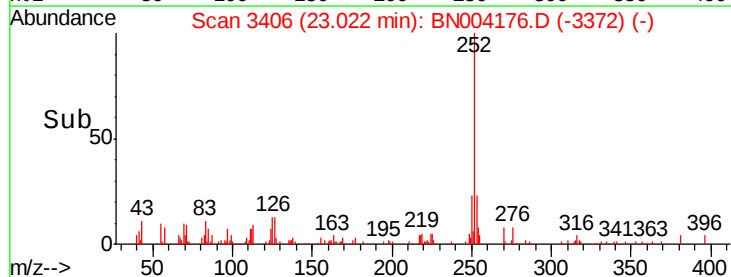
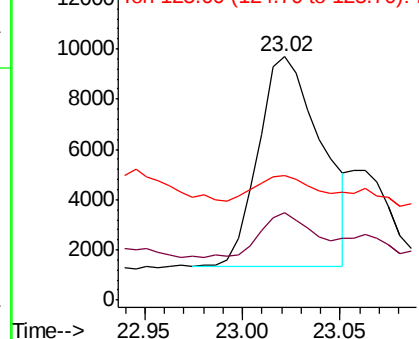
252 100

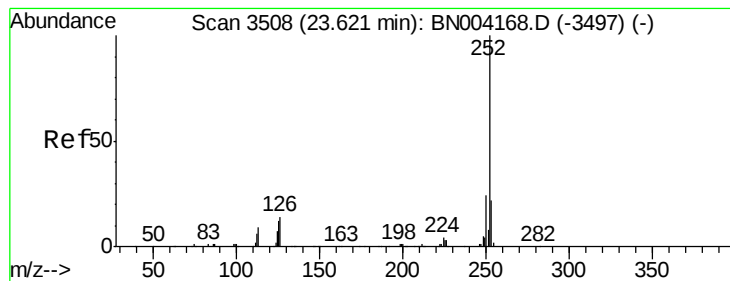
253 35.9 17.3 25.9#

125 51.3 8.2 12.4#



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: 1.385 ng/ul

RT: 23.62 min Scan# 3508

Delta R.T. 0.00 min

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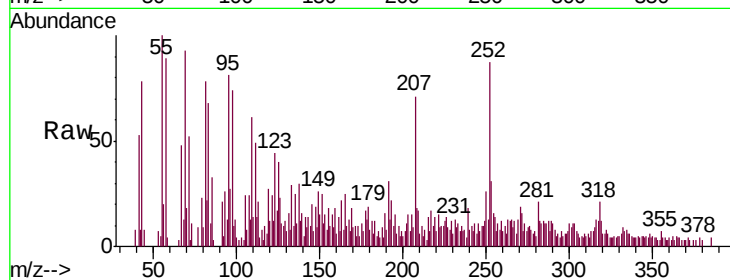
Tgt Ion: 252 Resp: 17046

Ion Ratio Lower Upper

252 100

253 35.0 17.5 26.3#

125 46.2 9.1 13.7#



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

