

Data File : BN004175.D
Acq On : 21 Dec 2018 23:59
Operator : JU/SJ
Sample : J6476-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AA5

Quant Time: Dec 22 05:01:36 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	45692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	199750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	112232	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	235591	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	203922	20.00	ng/ul	0.01
85) Perylene-d12	23.60	264	218197	20.00	ng/ul	-0.12

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2253	3.23	ng/uL	0.00
5) Phenol-d5	6.99	99	63012	14.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	41298	16.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	55086	15.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	32788	8.71	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	29980	18.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	30119	16.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	47061	14.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	51357	16.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	179784	17.95	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	235226	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	464	0.22	ng/ul	-0.01
57) Fluorene-d10	15.46	176	159514	18.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	1609	0.95	ng/ul	0.01
70) Anthracene-d10	17.31	188	235883	19.81	ng/ul	0.00
78) Pyrene-d10	19.62	212	235846	25.85	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.60	264	213380	18.03	ng/ul	0.03

Target Compounds

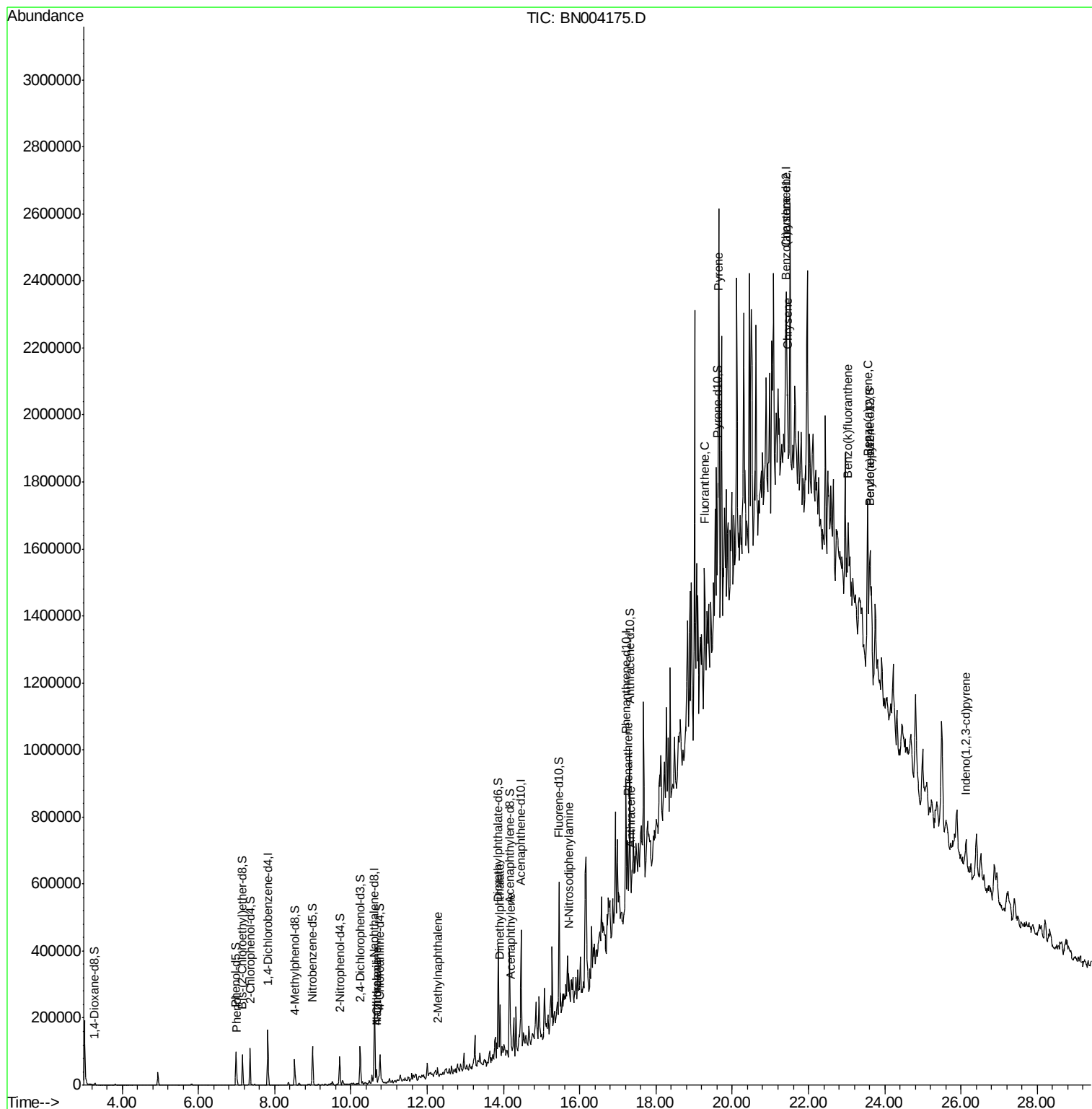
					Qvalue	
6) Phenol	7.02	94	9989	2.203	ng/ul	96
28) Naphthalene	10.67	128	31053	2.898	ng/ul	98
30) 4-Chloroaniline	10.67	127	4099	1.312	ng/ul#	4
34) 2-Methylnaphthalene	12.28	142	13800	1.710	ng/ul	93
44) Dimethylphthalate	13.91	163	51720	5.288	ng/ul	97
47) Acenaphthylene	14.19	152	15008	1.325	ng/ul#	84
64) N-Nitrosodiphenylamine	15.72	169	39252	5.505	ng/ul#	43
69) Phenanthrene	17.26	178	97874	7.190	ng/ul#	92
71) Anthracene	17.35	178	28232	2.023	ng/ul#	83
76) Fluoranthene	19.28	202	195053	11.690	ng/ul	99
79) Pyrene	19.65	202	621465	54.550	ng/ul	98
82) Benzo(a)anthracene	21.40	228	150624	11.845	ng/ul#	70
84) Chrysene	21.45	228	222959	18.719	ng/ul#	82
88) Benzo(k)fluoranthene	23.04	252	200503	16.383	ng/ul#	74
90) Benzo(a)pyrene	23.55	252	196689	15.625	ng/ul#	77
91) Indeno(1,2,3-cd)pyrene	26.13	276	51141	3.117	ng/ul	93

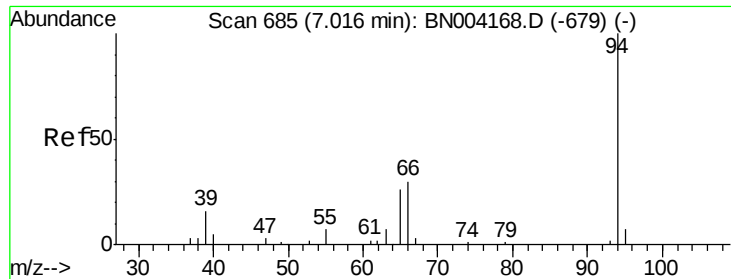
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.203 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Instrument :

BNA_N

ClientSampleId :

C5AA5

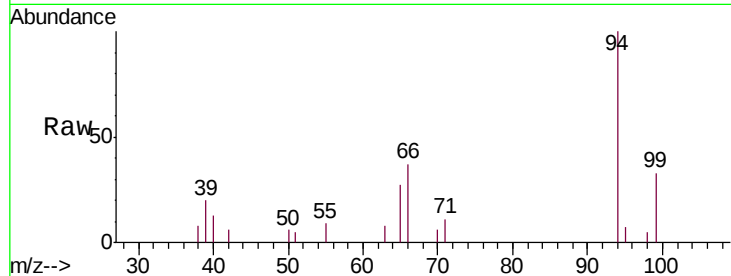
Tgt Ion: 94 Resp: 9989

Ion Ratio Lower Upper

94 100

65 27.3 21.2 31.8

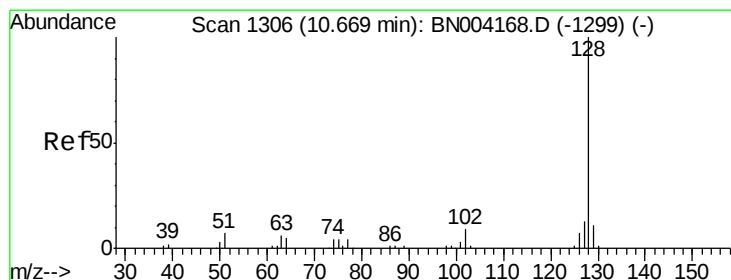
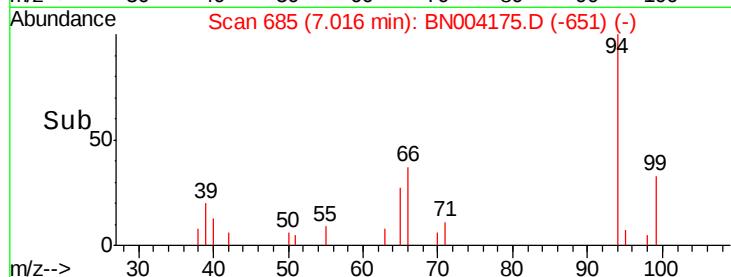
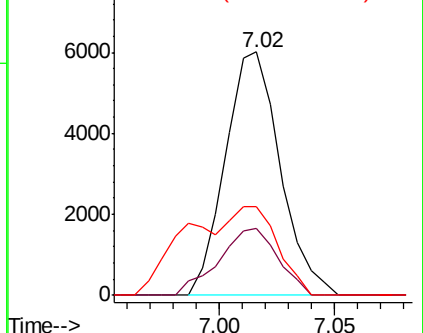
66 36.7 26.9 40.3



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: 2.898 ng/ul

RT: 10.67 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

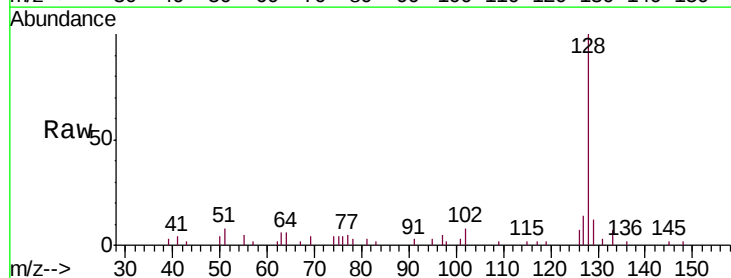
Tgt Ion: 128 Resp: 31053

Ion Ratio Lower Upper

128 100

129 11.7 8.6 12.8

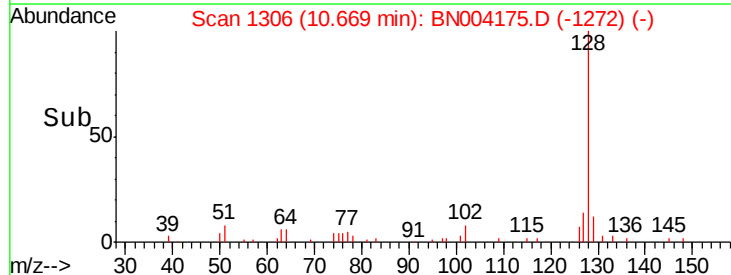
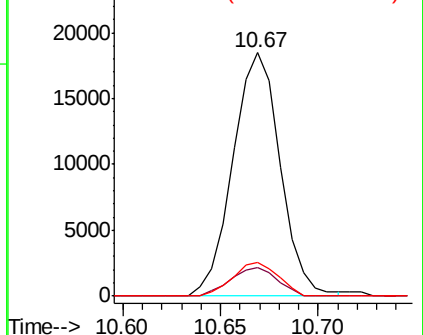
127 13.7 10.6 16.0

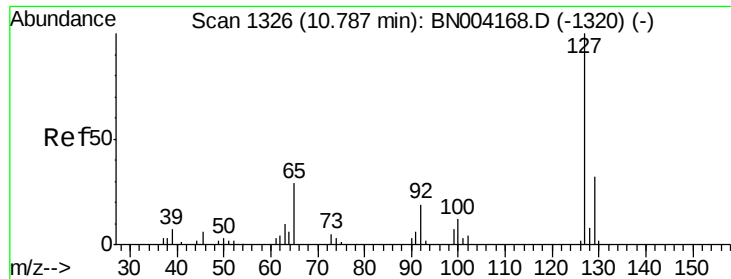


Abundance Ion 128.00 (127.70 to 128.70): BN004168.D (-1299) (-)

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

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

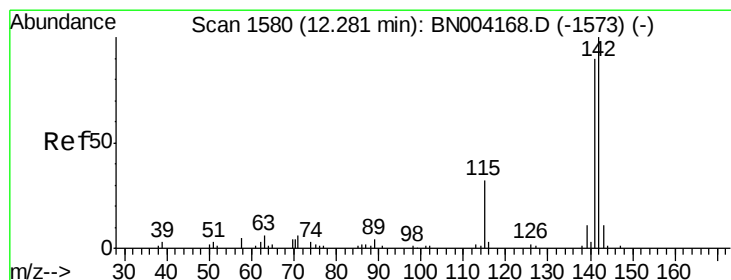
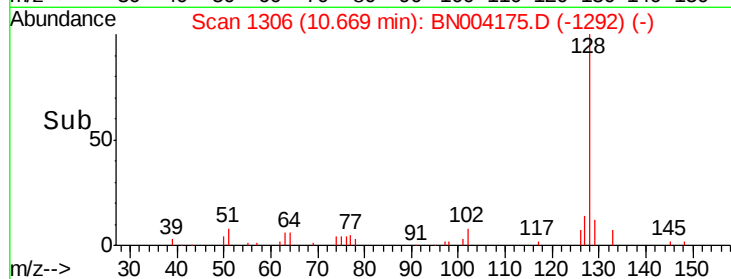
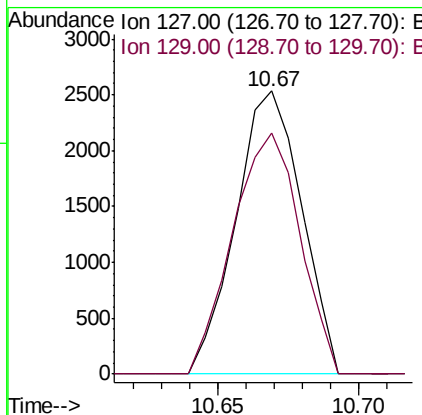
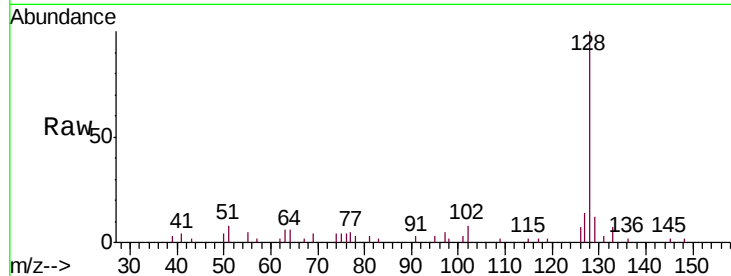




#30
 4-Chloroaniline
 Concen: 1.312 ng/ul
 RT: 10.67 min Scan# 1306
 Delta R.T. -0.12 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

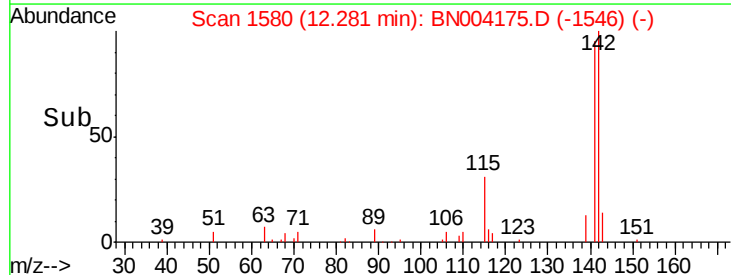
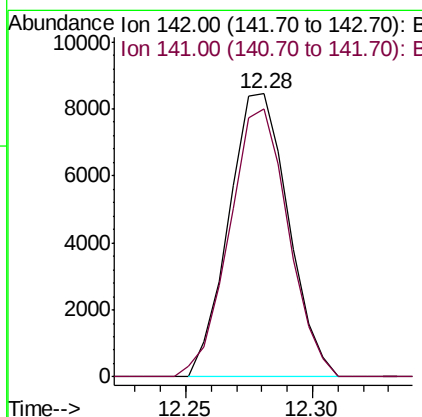
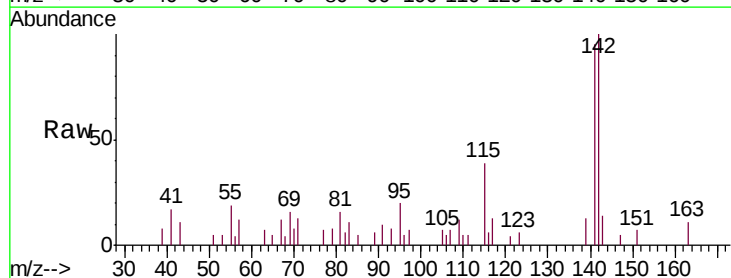
Instrument :
 BNA_N
 ClientSampleId :
 C5AA5

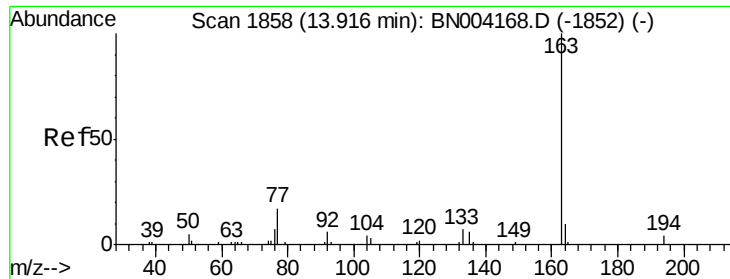
Tgt Ion:127 Resp: 4099
 Ion Ratio Lower Upper
 127 100
 129 85.2 25.5 38.3#



#34
 2-Methylnaphthalene
 Concen: 1.710 ng/ul
 RT: 12.28 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

Tgt Ion:142 Resp: 13800
 Ion Ratio Lower Upper
 142 100
 141 94.6 70.2 105.2





#44

Dimethylphthalate

Concen: 5.288 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Instrument :

BNA_N

ClientSampleId :

C5AA5

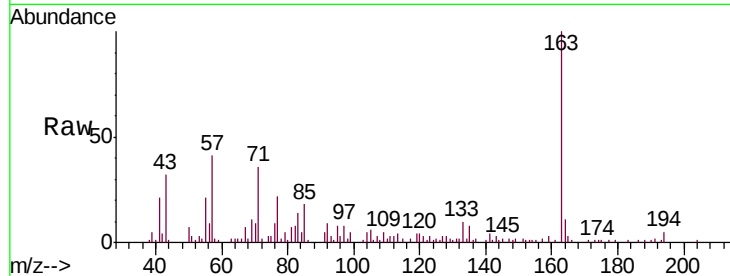
Tgt Ion:163 Resp: 51720

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

164 11.1 7.9 11.9

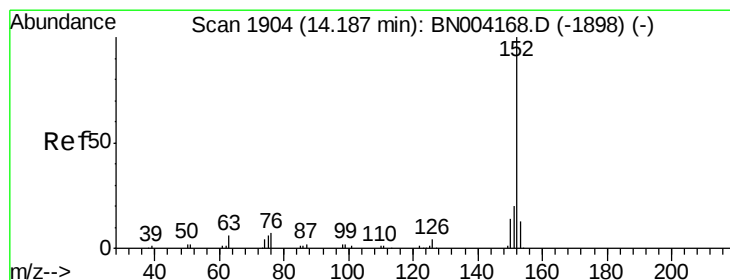
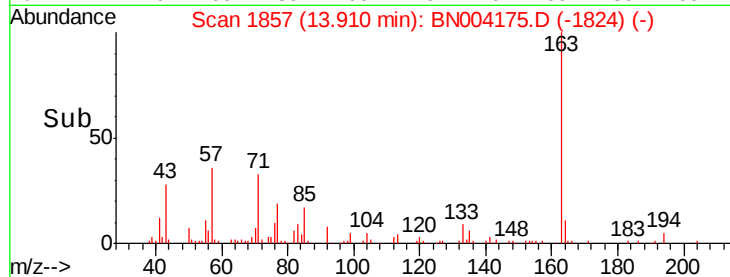
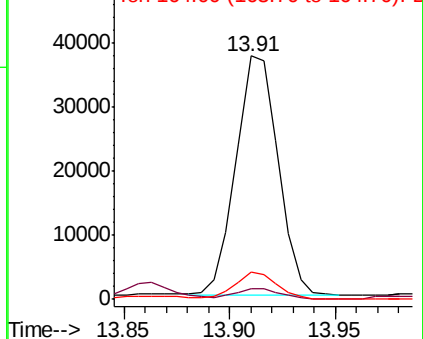


Abundance

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



#47

Acenaphthylene

Concen: 1.325 ng/ul

RT: 14.19 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

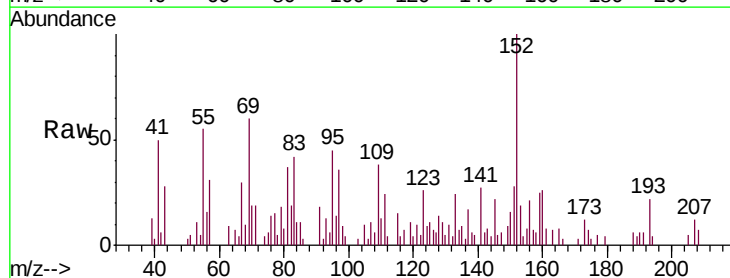
Tgt Ion:152 Resp: 15008

Ion Ratio Lower Upper

152 100

151 27.9 16.2 24.2#

153 19.2 10.6 15.8#

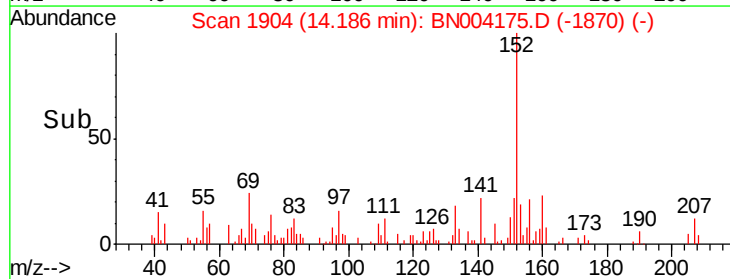
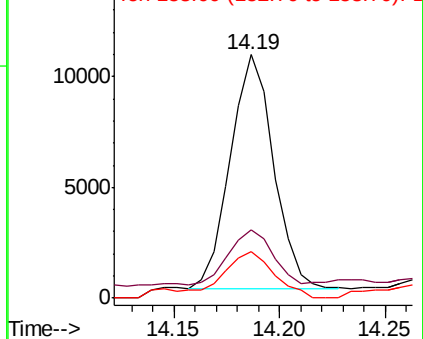


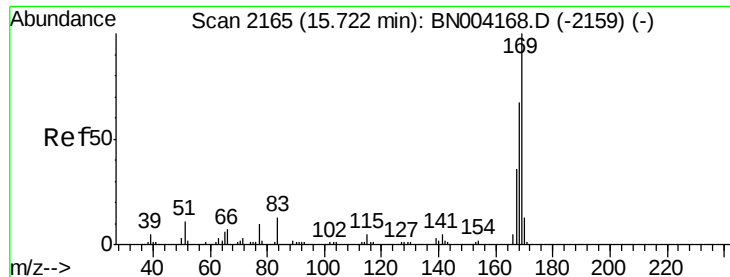
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#64

N-Nitrosodiphenylamine

Concen: 5.505 ng/ul

RT: 15.72 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Instrument :

BNA_N

ClientSampleId :

C5AA5

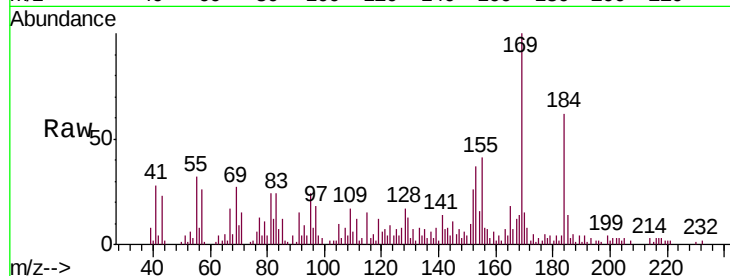
Tgt Ion:169 Resp: 39252

Ion Ratio Lower Upper

169 100

168 14.5 53.7 80.5#

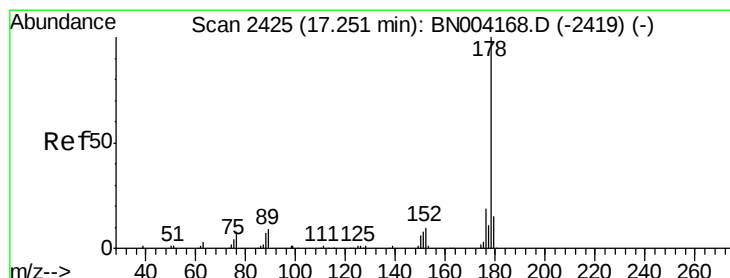
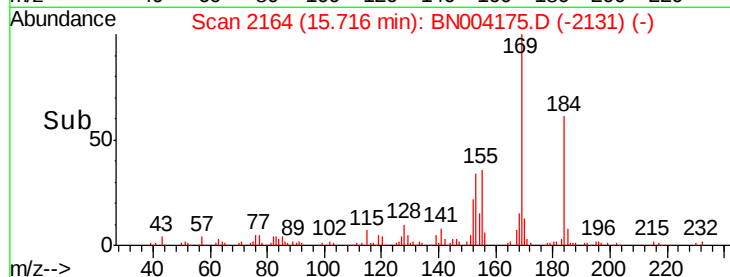
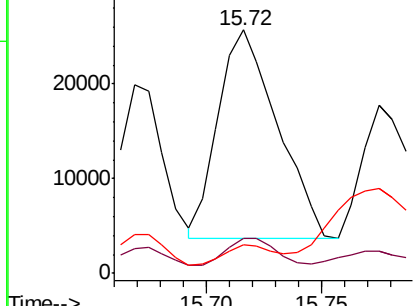
167 11.5 28.6 42.8#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 7.190 ng/ul

RT: 17.26 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

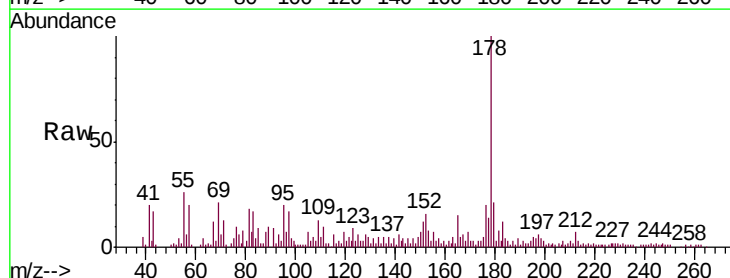
Tgt Ion:178 Resp: 97874

Ion Ratio Lower Upper

178 100

179 20.7 12.1 18.1#

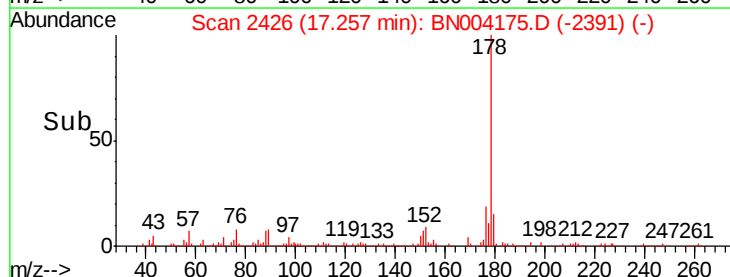
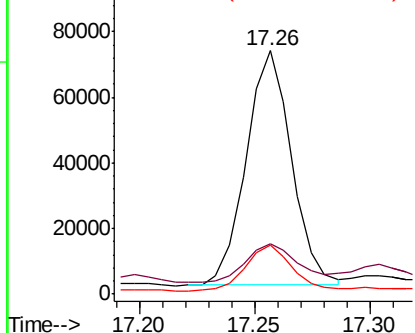
176 20.1 15.0 22.6

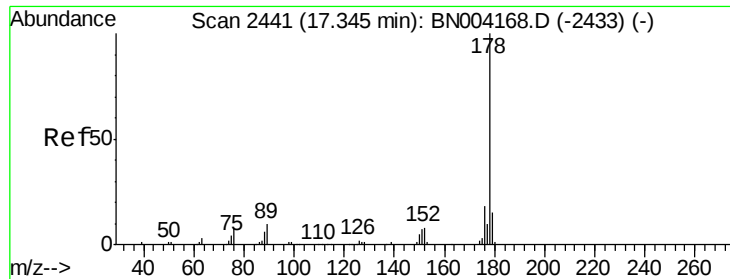


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

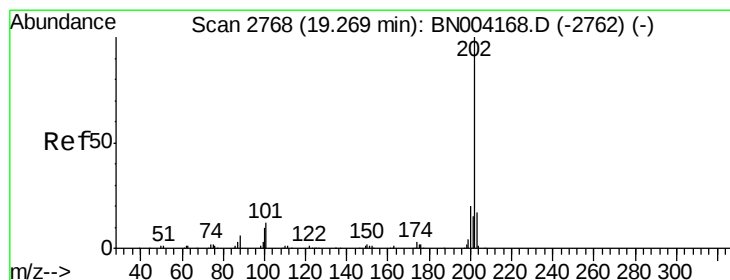
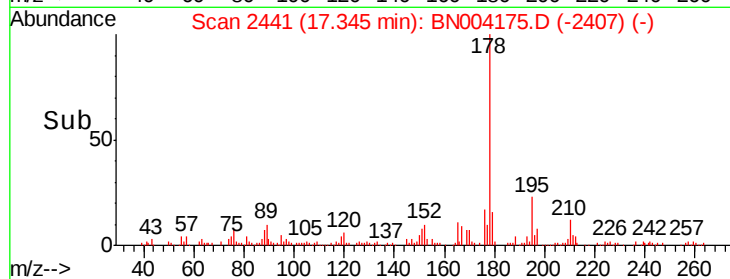
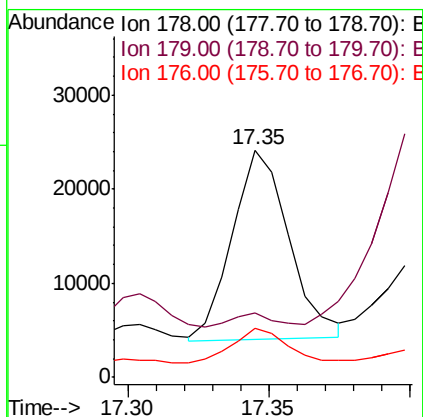
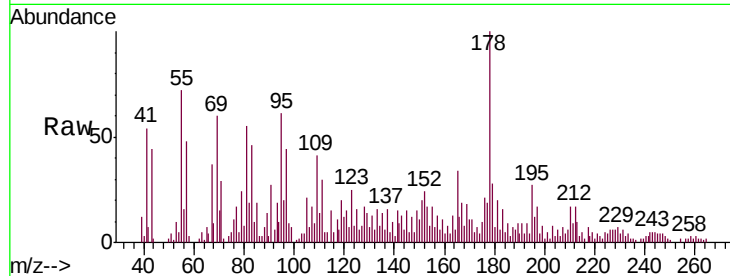




#71
 Anthracene
 Concen: 2.023 ng/ul
 RT: 17.35 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

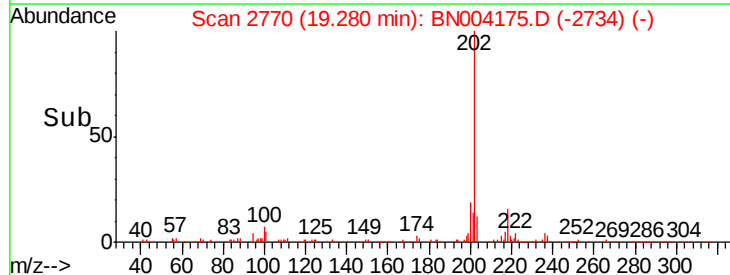
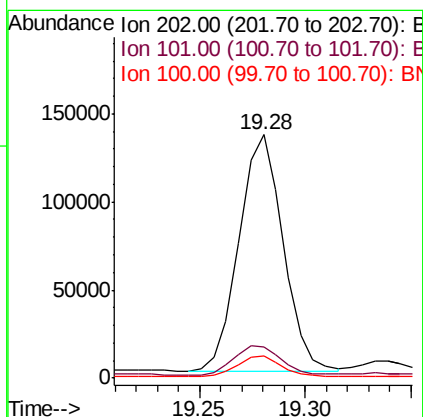
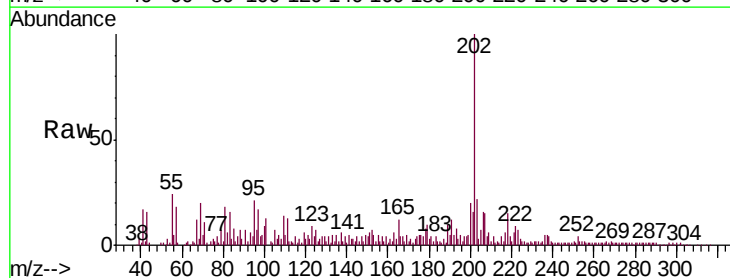
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 C5AA5

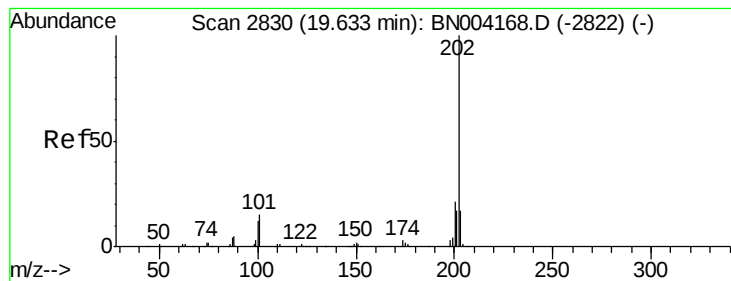
Tgt Ion:178 Resp: 28232
 Ion Ratio Lower Upper
 178 100
 179 28.5 12.1 18.1#
 176 21.4 15.2 22.8



#76
 Fluoranthene
 Concen: 11.690 ng/ul
 RT: 19.28 min Scan# 2770
 Delta R.T. 0.01 min
 Lab File: BN004175.D
 Acq: 21 Dec 2018 23:59

Tgt Ion:202 Resp: 195053
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.2 15.2
 100 9.1 7.8 11.8





#79

Pyrene

Concen: 54.550 ng/ul

RT: 19.65 min Scan# 2833

Delta R.T. 0.02 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Instrument :

BNA_N

ClientSampleId :

C5AA5

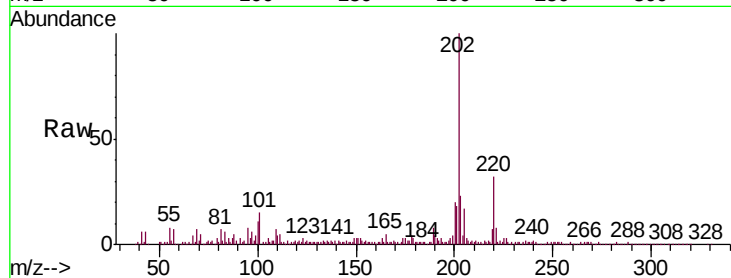
Tgt Ion:202 Resp: 621465

Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.2

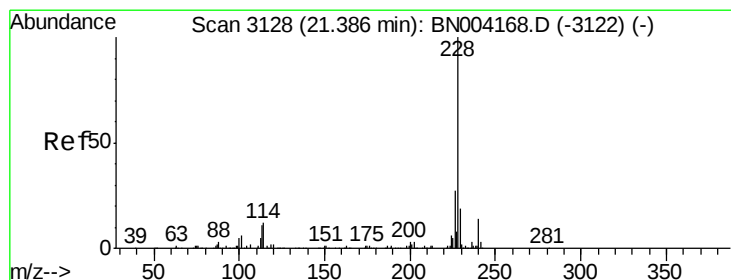
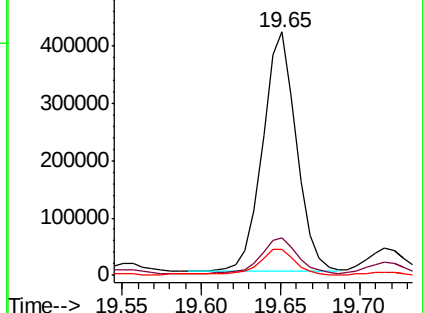
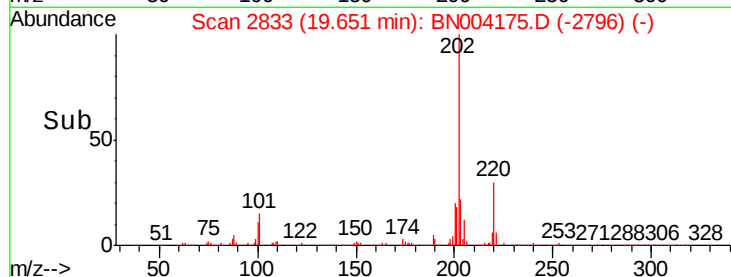
100 10.6 9.9 14.9



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: 11.845 ng/ul

RT: 21.40 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

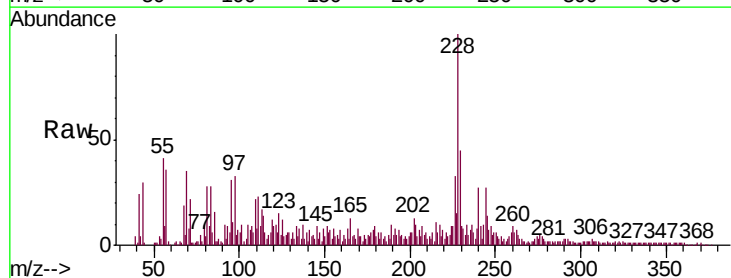
Tgt Ion:228 Resp: 150624

Ion Ratio Lower Upper

228 100

229 44.9 15.9 23.9#

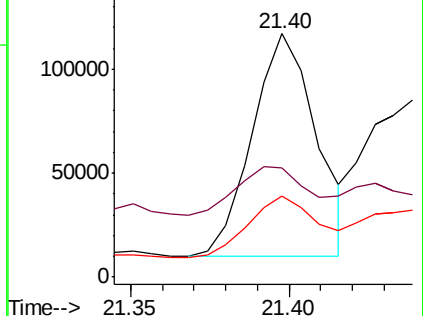
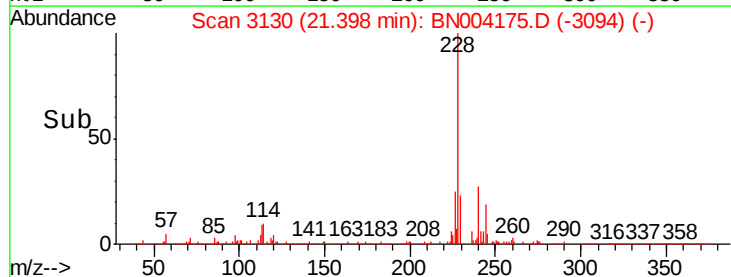
226 33.1 21.4 32.2#

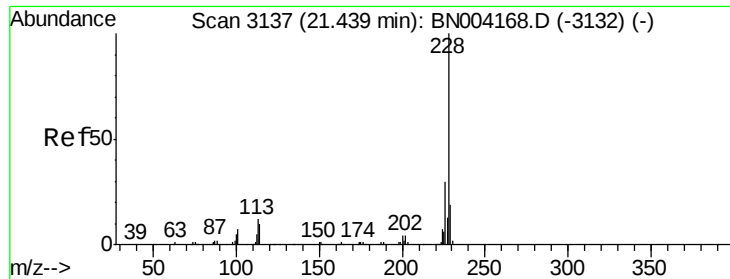


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 18.719 ng/ul

RT: 21.45 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BN004175.D

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ClientSampleId :

C5AA5

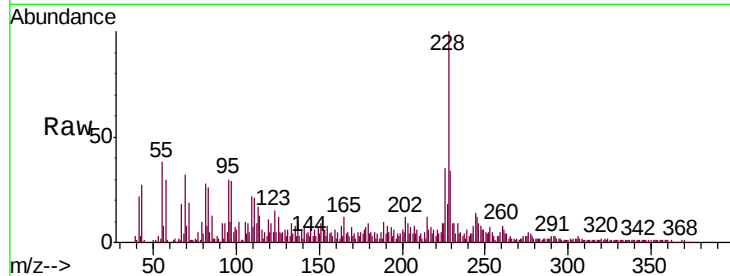
Tgt Ion:228 Resp: 222959

Ion Ratio Lower Upper

228 100

226 34.5 23.8 35.8

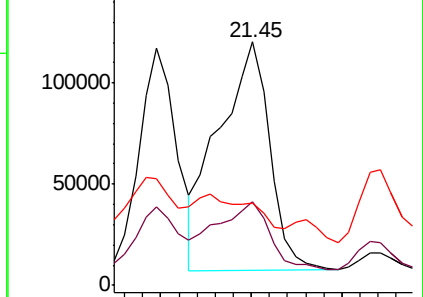
229 34.0 15.8 23.6#



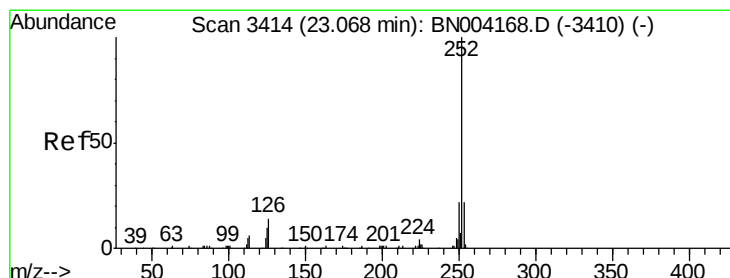
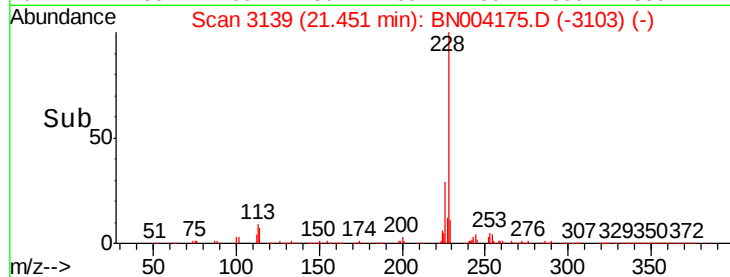
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 16.383 ng/ul

RT: 23.04 min Scan# 3410

Delta R.T. -0.02 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

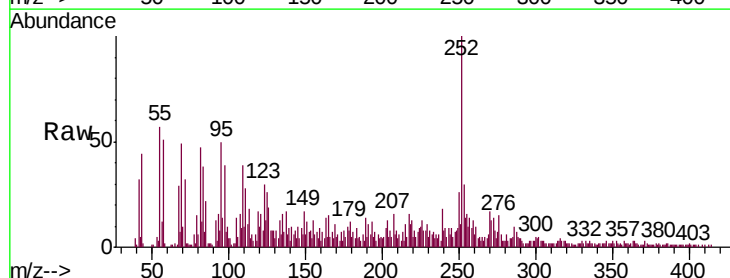
Tgt Ion:252 Resp: 200503

Ion Ratio Lower Upper

252 100

253 29.7 17.1 25.7#

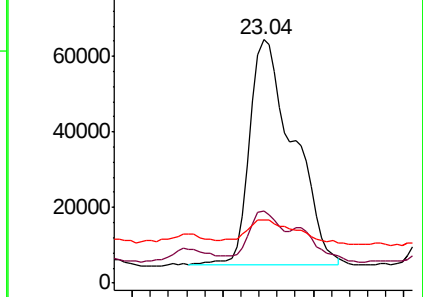
125 26.2 7.9 11.9#



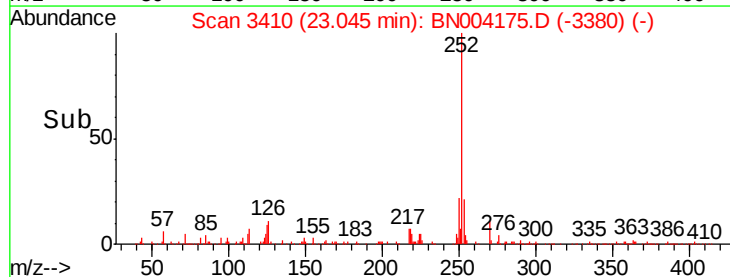
Abundance Ion 252.00 (251.70 to 252.70): E

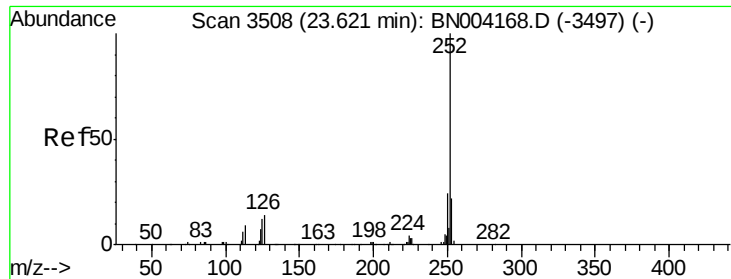
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#90

Benzo(a)pyrene

Concen: 15.625 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.07 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

Instrument :

BNA_N

ClientSampleId :

C5AA5

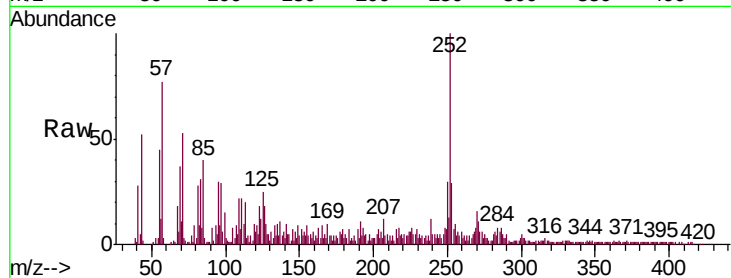
Tgt Ion:252 Resp: 196689

Ion Ratio Lower Upper

252 100

253 29.5 17.5 26.3#

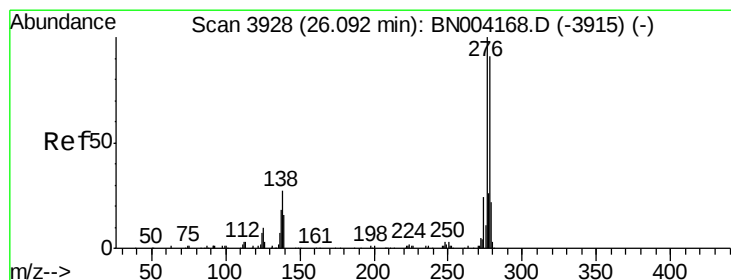
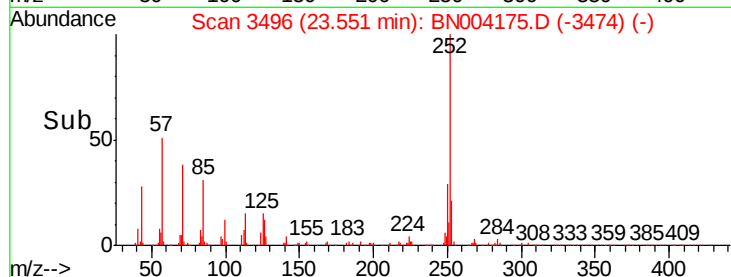
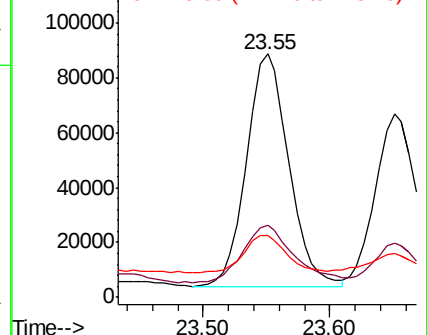
125 25.4 9.1 13.7#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.117 ng/ul

RT: 26.13 min Scan# 3935

Delta R.T. 0.04 min

Lab File: BN004175.D

Acq: 21 Dec 2018 23:59

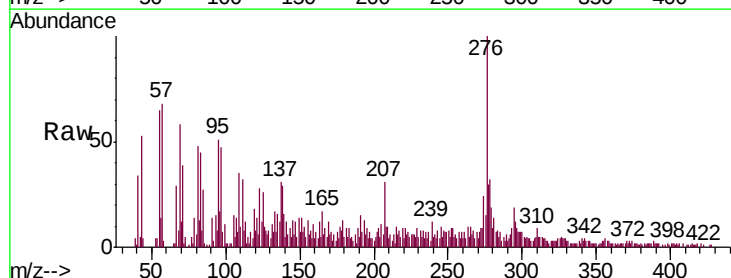
Tgt Ion:276 Resp: 51141

Ion Ratio Lower Upper

276 100

138 28.7 20.4 30.6

277 30.0 20.6 30.8



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

