

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004241.D
 Acq On : 27 Dec 2018 15:21
 Operator : JU/SJ
 Sample : J6441-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF025

Quant Time: Dec 28 00:31:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 00:28:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38784	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	177258	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	105714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	263587	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	287287	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	296679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2264	3.82	ng/uL	0.00
5) Phenol-d5	6.99	99	56904	14.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	37672	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	52262	17.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	49831	15.59	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	27382	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	29965	18.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	49999	17.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	67481	24.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	173106	18.34	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	207419	18.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	1716	0.88	ng/ul	0.02
57) Fluorene-d10	15.45	176	158684	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	916	0.48	ng/ul	0.00
70) Anthracene-d10	17.30	188	266390	20.00	ng/ul	0.00
78) Pyrene-d10	19.60	212	291550	22.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	308823	19.19	ng/ul	0.01

Target Compounds

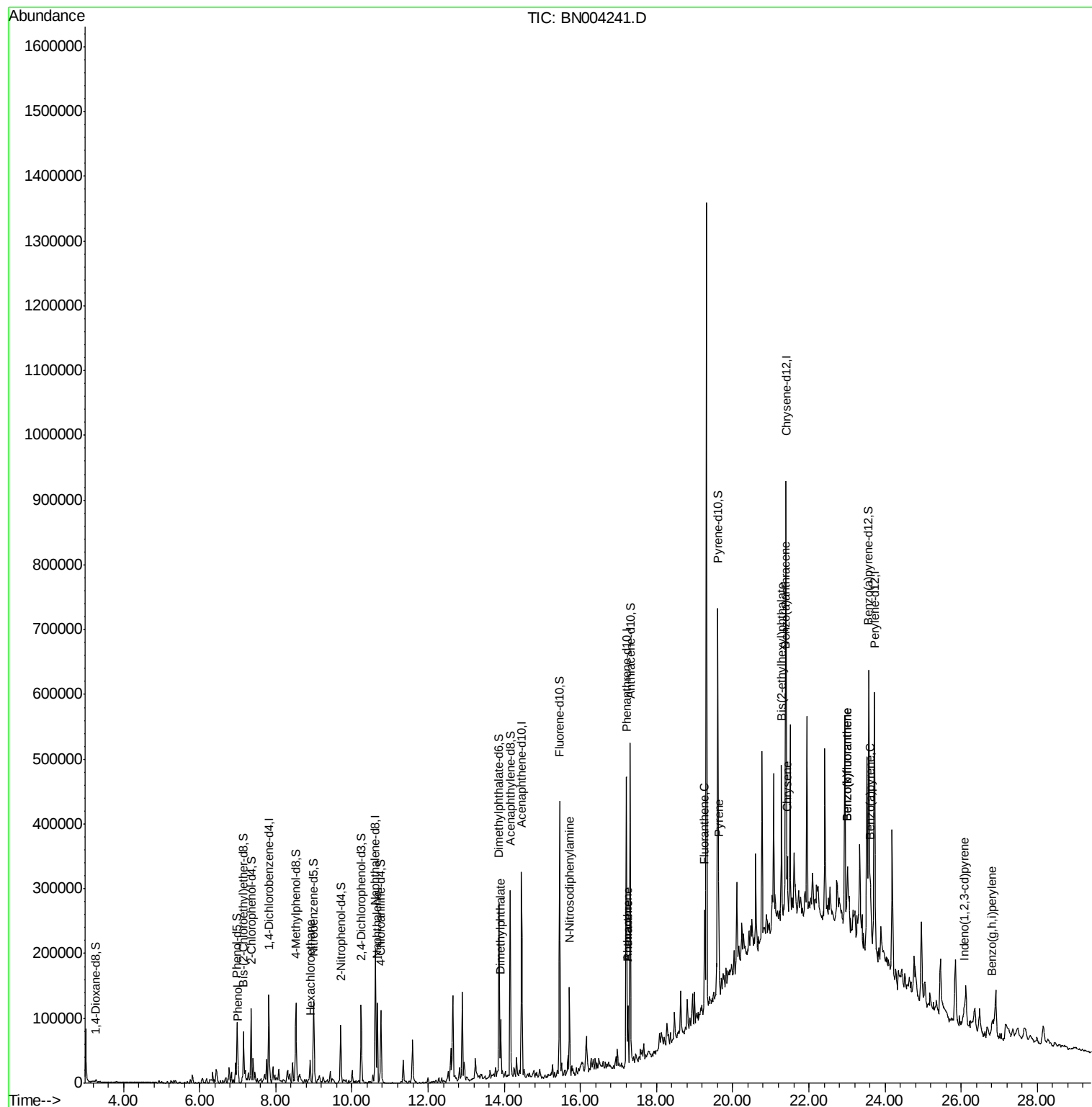
					Qvalue
6) Phenol	7.02	94	10212	2.653 ng/ul	97
17) Hexachloroethane	8.91	117	2523	2.327 ng/ul#	6
28) Naphthalene	10.67	128	103874	10.922 ng/ul	100
44) Dimethylphthalate	13.91	163	25893	2.811 ng/ul	99
64) N-Nitrosodiphenylamine	15.72	169	48419	6.069 ng/ul	100
69) Phenanthrene	17.25	178	51523	3.383 ng/ul	98
71) Anthracene	17.25	178	51523	3.300 ng/ul	99
76) Fluoranthene	19.27	202	94884	5.083 ng/ul	98
79) Pyrene	19.63	202	88194	5.495 ng/ul	100
82) Benzo(a)anthracene	21.38	228	43696	2.439 ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.28	149	74675	6.816 ng/ul	100
84) Chrysene	21.43	228	44588	2.657 ng/ul#	94
87) Benzo(b)fluoranthene	23.02	252	61012	3.433 ng/ul#	88
88) Benzo(k)fluoranthene	23.02	252	61012	3.666 ng/ul#	87
90) Benzo(a)pyrene	23.62	252	42656	2.492 ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	26.08	276	28640	1.284 ng/ul	97
93) Benzo(g,h,i)perylene	26.81	276	24931	1.335 ng/ul	97

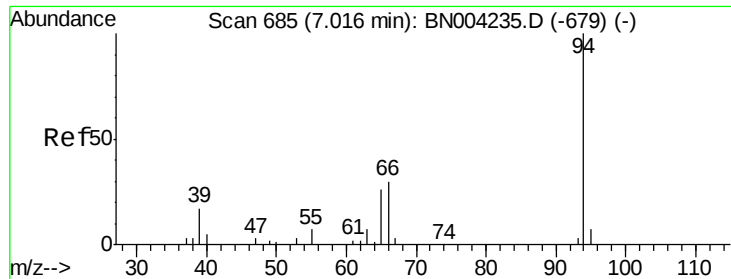
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 2.653 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

BNA_N

ClientSampleId :

BF025

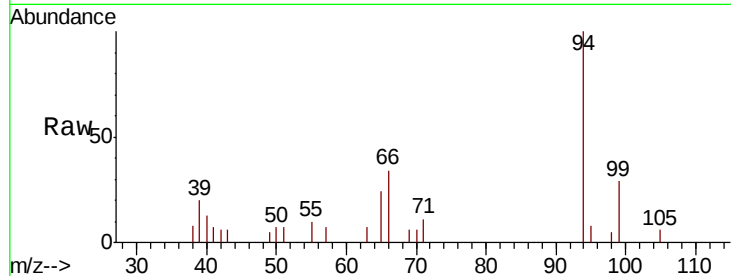
Tgt Ion: 94 Resp: 10212

Ion Ratio Lower Upper

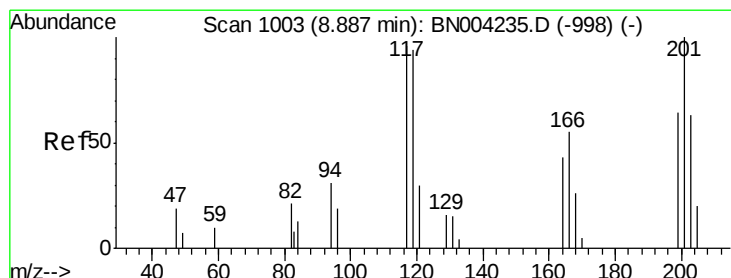
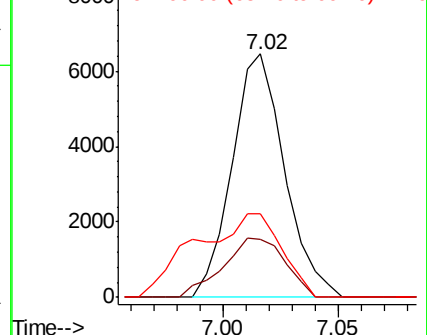
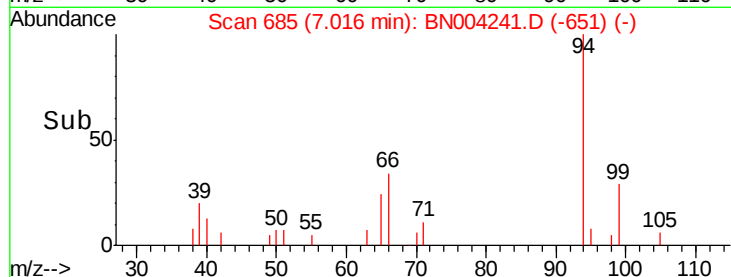
94 100

65 24.0 21.2 31.8

66 34.4 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN004241.D (-651) (-)



#17

Hexachloroethane

Concen: 2.327 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

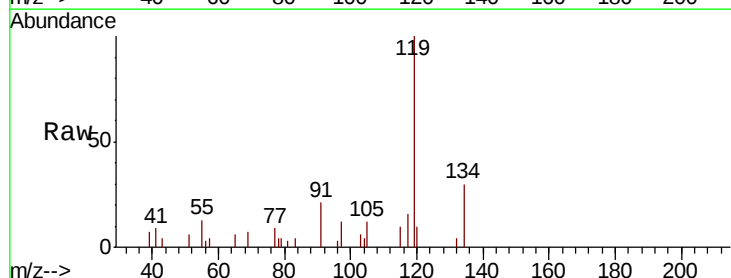
Tgt Ion: 117 Resp: 2523

Ion Ratio Lower Upper

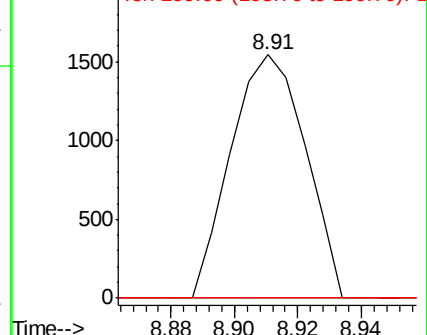
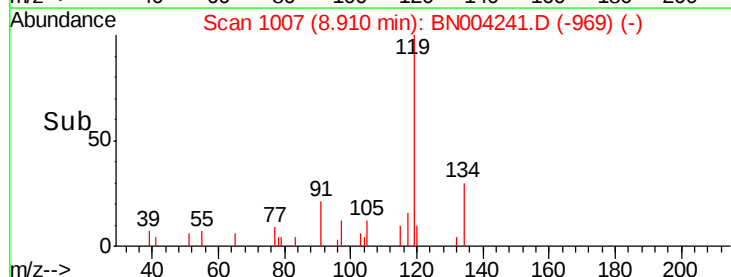
117 100

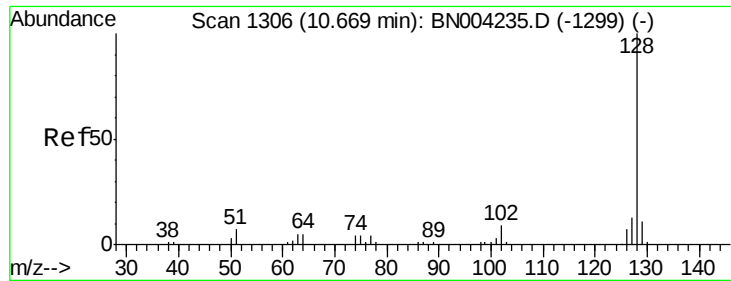
201 0.0 82.1 123.1#

199 0.0 50.6 76.0#



Abundance Ion 117.00 (116.70 to 117.70): BN004241.D (-969) (-)

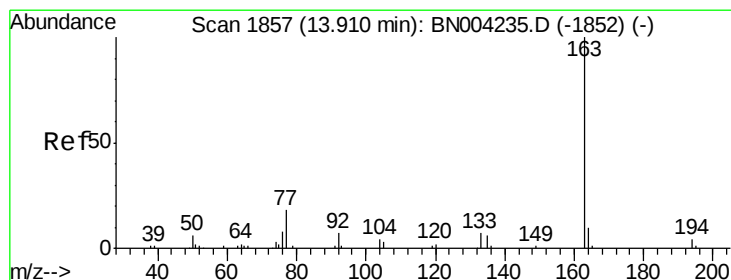
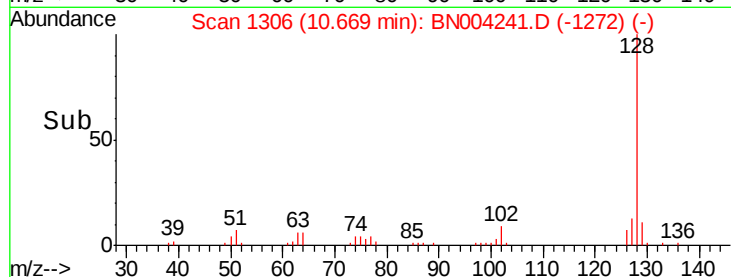
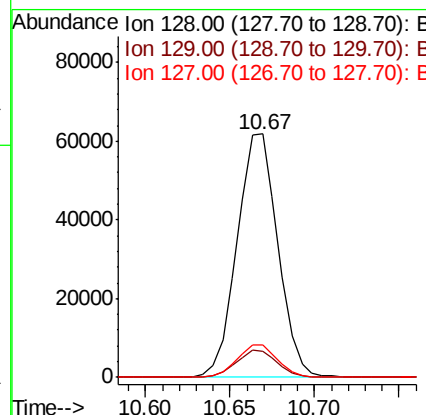
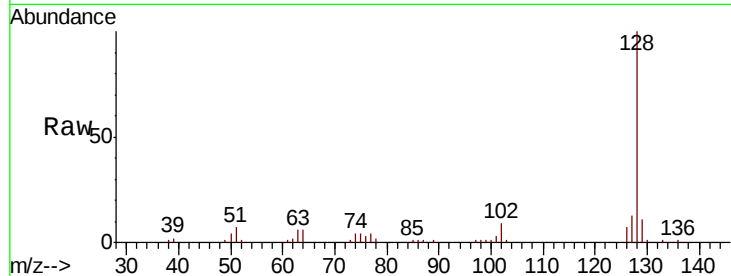




#28
Naphthalene
Concen: 10.922 ng/ul
RT: 10.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN004241.D
Acq: 27 Dec 2018 15:21

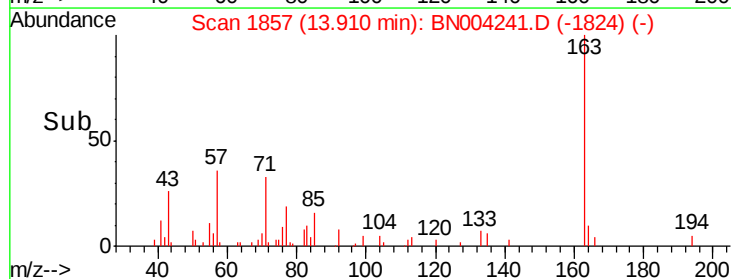
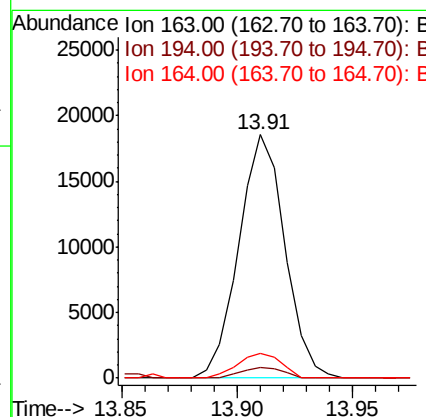
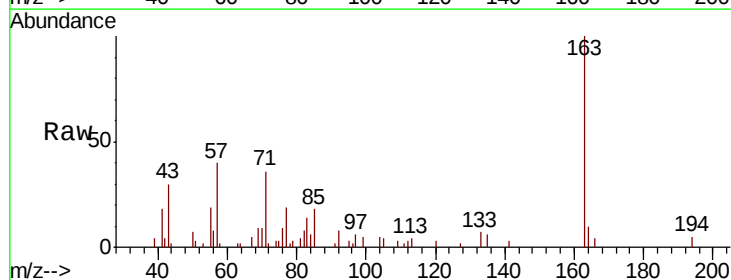
Instrument :
BNA_N
ClientSampleId :
BF025

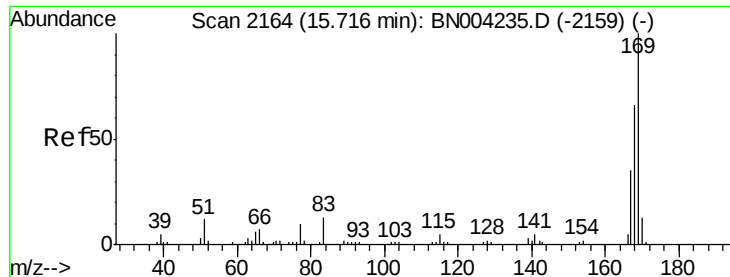
Tgt Ion:128 Resp: 103874
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.6 16.0



#44
Dimethylphthalate
Concen: 2.811 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BN004241.D
Acq: 27 Dec 2018 15:21

Tgt Ion:163 Resp: 25893
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.1 7.9 11.9





#64

N-Nitrosodiphenylamine

Concen: 6.069 ng/ul

RT: 15.72 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

BNA_N

ClientSampleId :

BF025

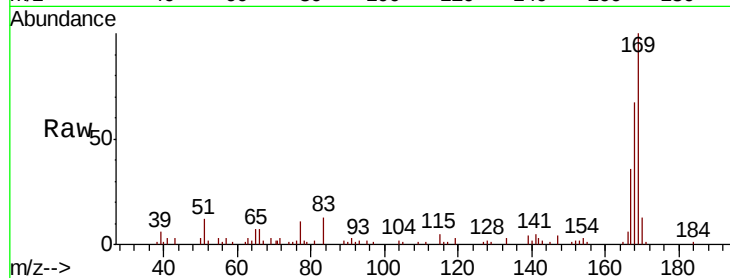
Tgt Ion:169 Resp: 48419

Ion Ratio Lower Upper

169 100

168 67.0 53.7 80.5

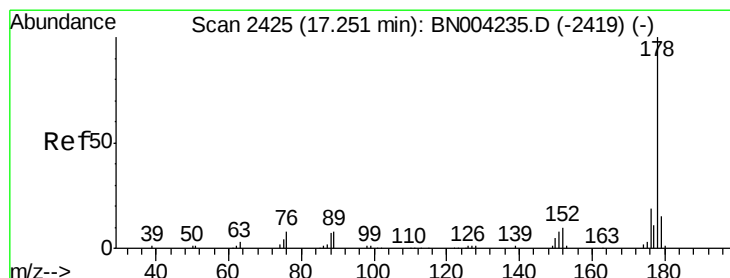
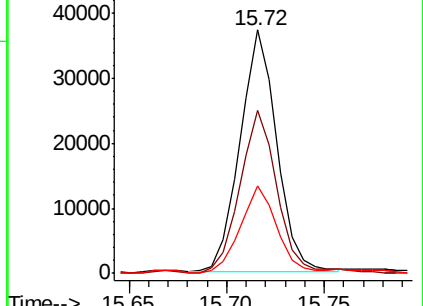
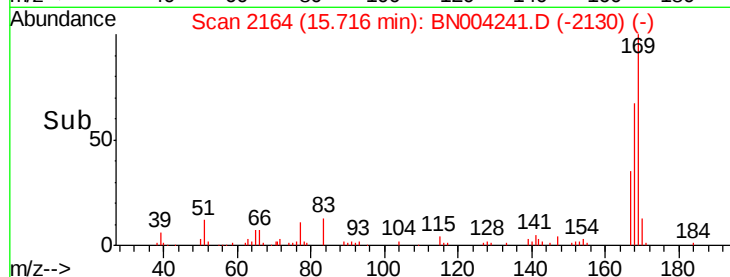
167 36.0 28.6 42.8



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: 3.383 ng/ul

RT: 17.25 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

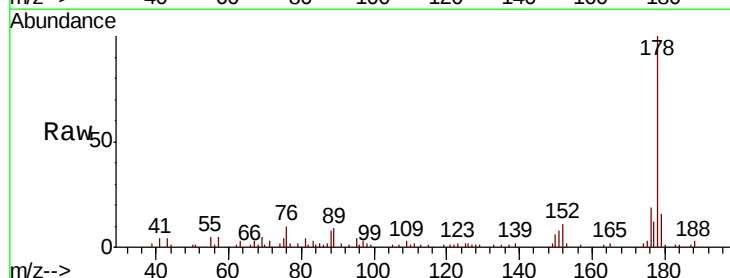
Tgt Ion:178 Resp: 51523

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

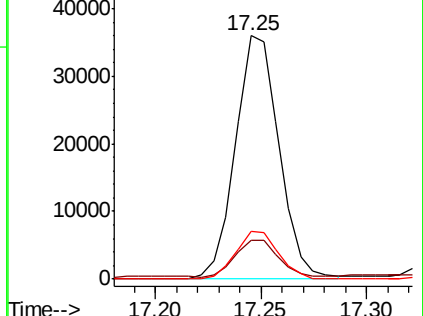
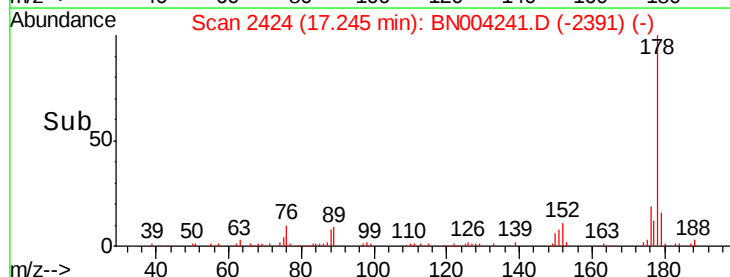
176 19.4 15.0 22.6

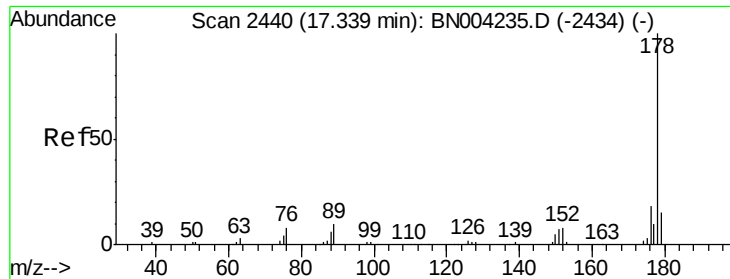


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

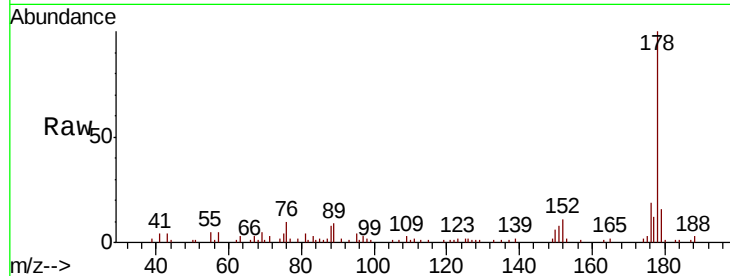




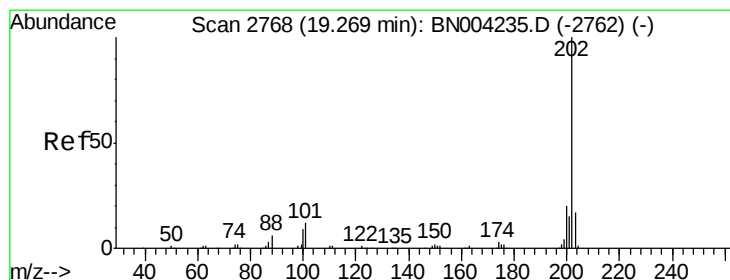
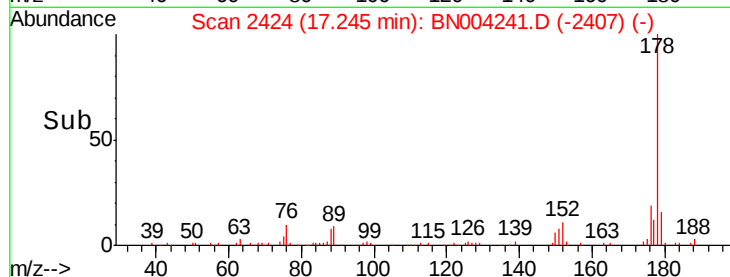
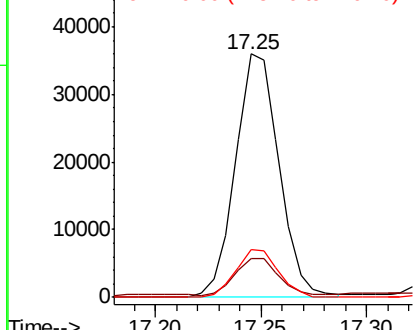
#71
 Anthracene
 Concen: 3.300 ng/ul
 RT: 17.25 min Scan# 2424
 Delta R.T. -0.10 min
 Lab File: BN004241.D
 Acq: 27 Dec 2018 15:21

Instrument :
 BNA_N
 ClientSampleId :
 BF025

Tgt Ion:178 Resp: 51523
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.1 18.1
 176 19.4 15.2 22.8

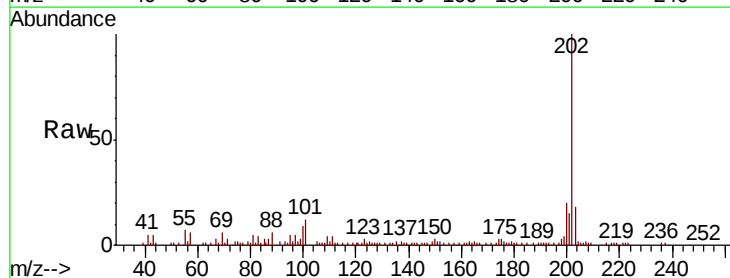


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

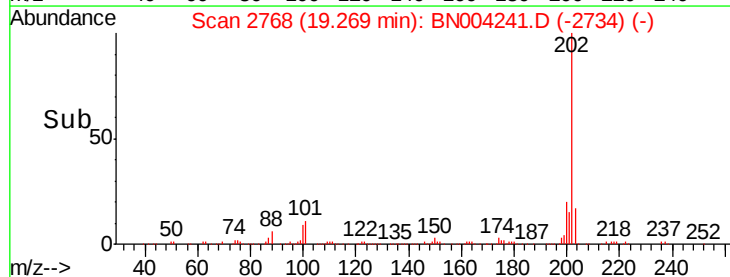
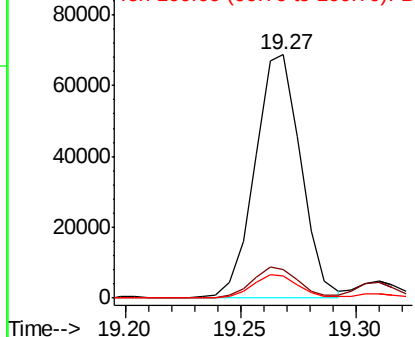


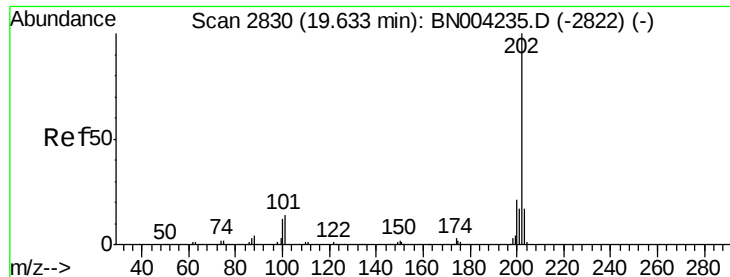
#76
 Fluoranthene
 Concen: 5.083 ng/ul
 RT: 19.27 min Scan# 2768
 Delta R.T. -0.00 min
 Lab File: BN004241.D
 Acq: 27 Dec 2018 15:21

Tgt Ion:202 Resp: 94884
 Ion Ratio Lower Upper
 202 100
 101 11.8 10.2 15.2
 100 9.1 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: 5.495 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

BNA_N

ClientSampleId :

BF025

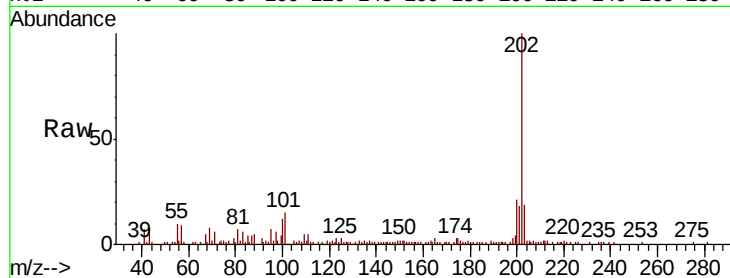
Tgt Ion:202 Resp: 88194

Ion Ratio Lower Upper

202 100

101 15.3 12.2 18.2

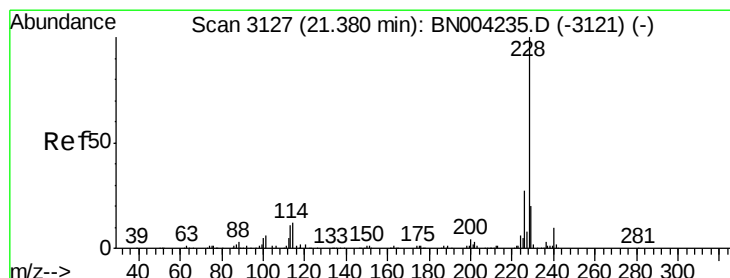
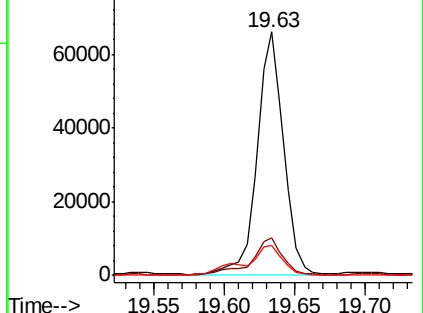
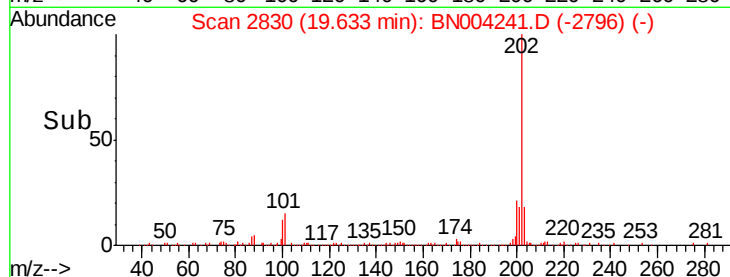
100 12.3 9.9 14.9



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: 2.439 ng/ul

RT: 21.38 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

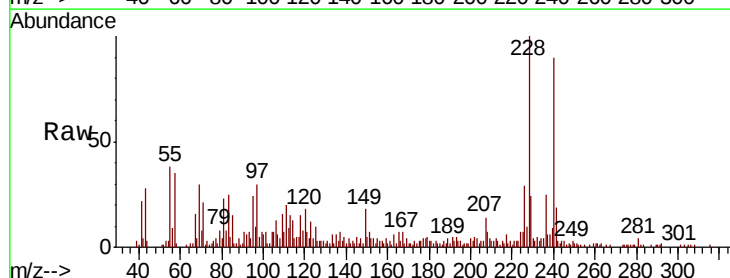
Tgt Ion:228 Resp: 43696

Ion Ratio Lower Upper

228 100

229 24.0 15.9 23.9#

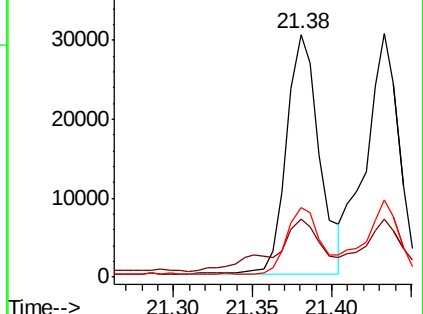
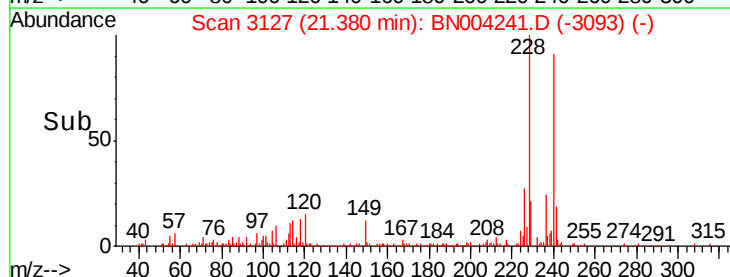
226 28.6 21.4 32.2

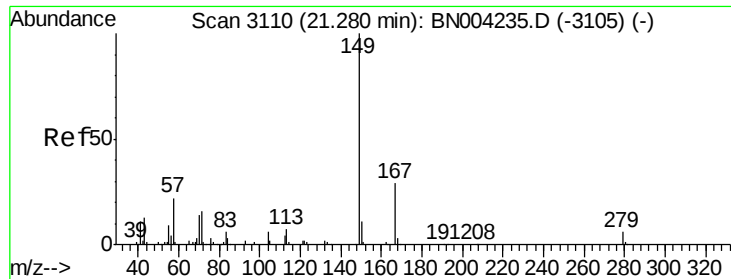


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.816 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.01 min

Lab File: BN004241.D

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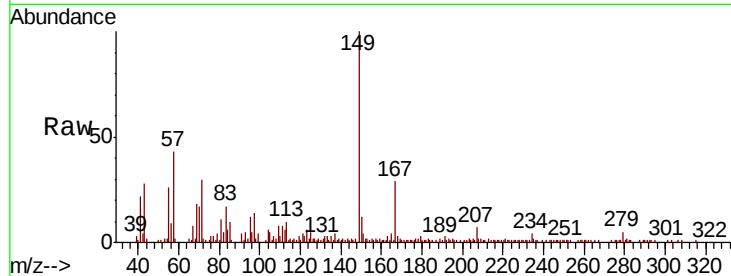
Tgt Ion:149 Resp: 74675

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

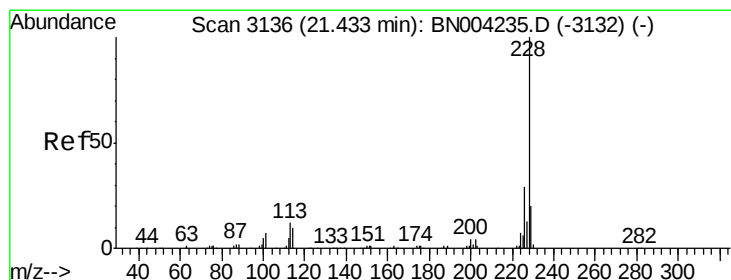
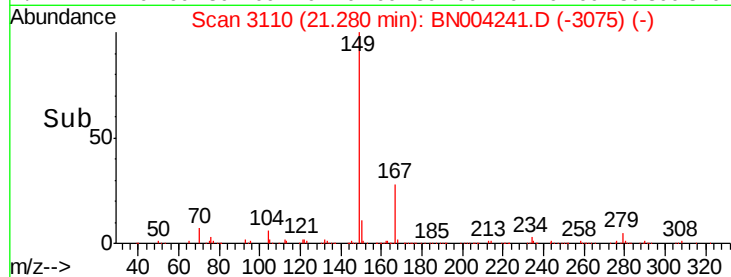
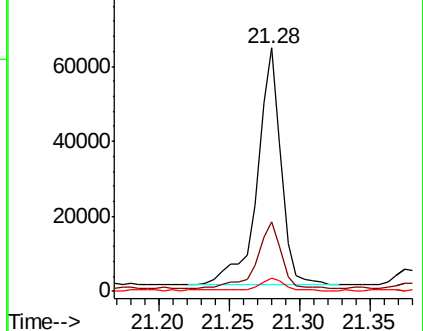
279 5.5 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 2.657 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

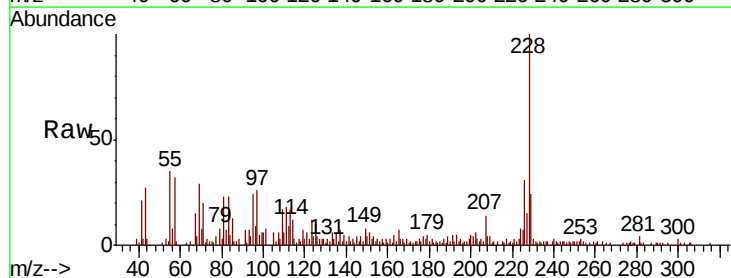
Tgt Ion:228 Resp: 44588

Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.8

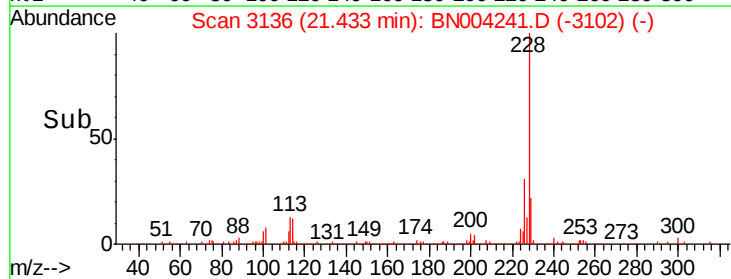
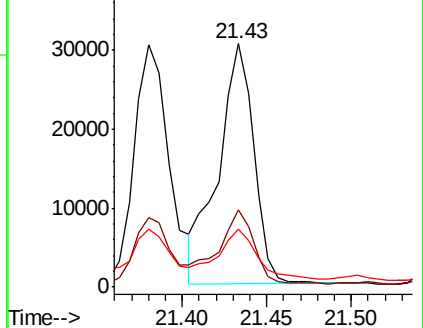
229 23.9 15.8 23.6#

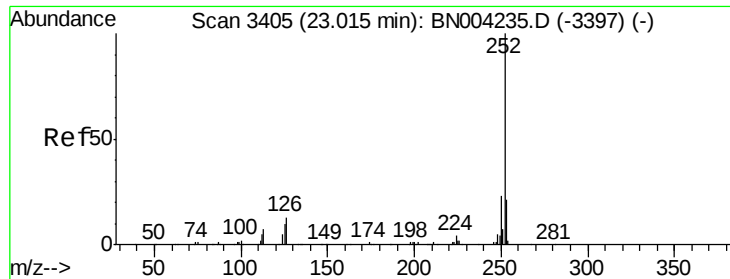


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 3.433 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

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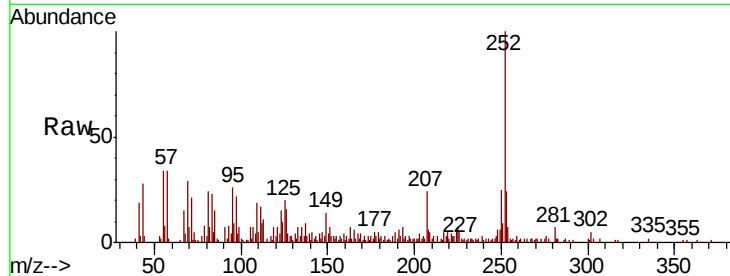
Tgt Ion:252 Resp: 61012

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

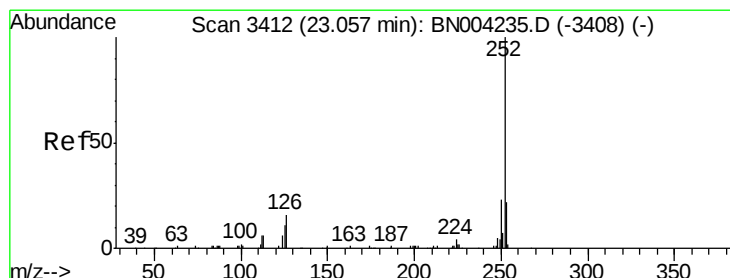
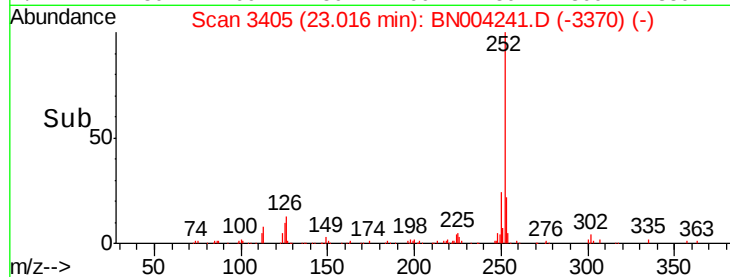
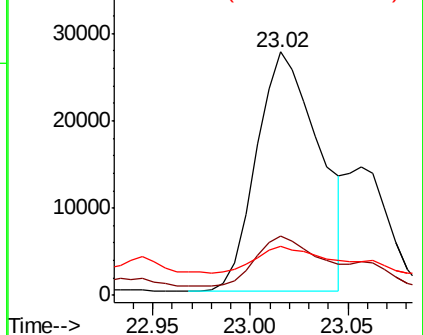
125 20.3 8.2 12.4#



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



#88

Benzo(k)fluoranthene

Concen: 3.666 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.04 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

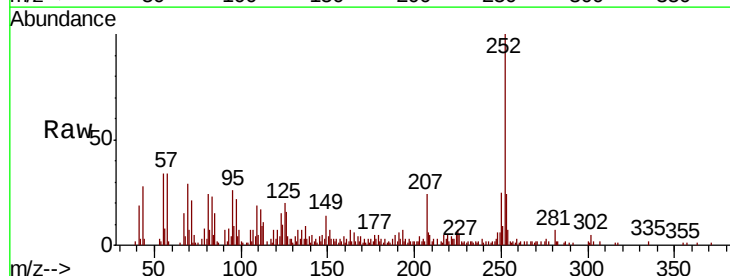
Tgt Ion:252 Resp: 61012

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

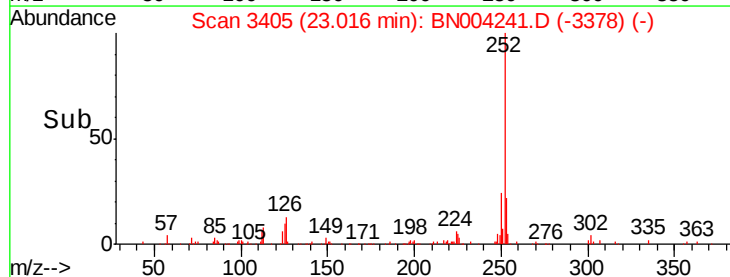
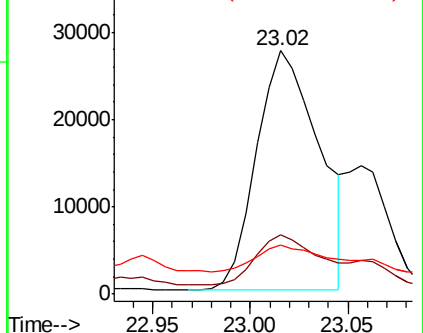
125 20.3 7.9 11.9#

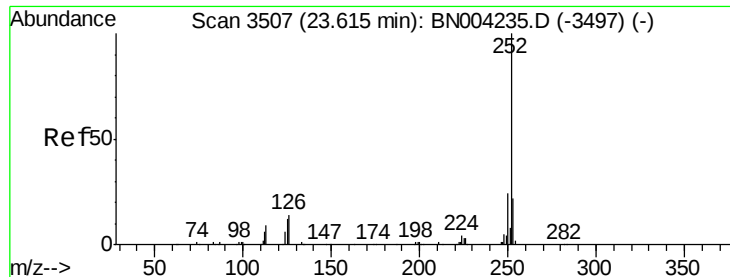


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.492 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

BNA_N

ClientSampleId :

BF025

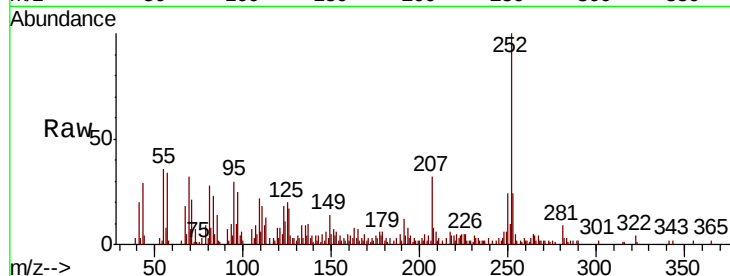
Tgt Ion:252 Resp: 42656

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

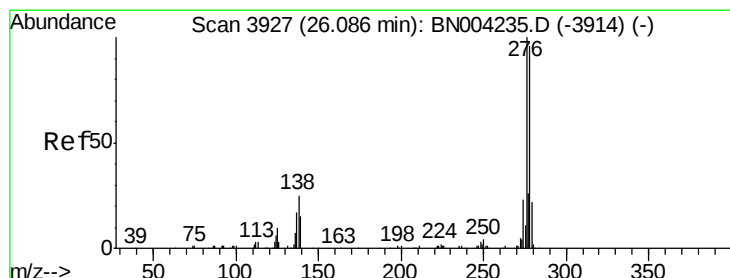
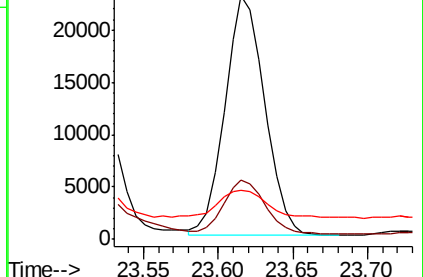
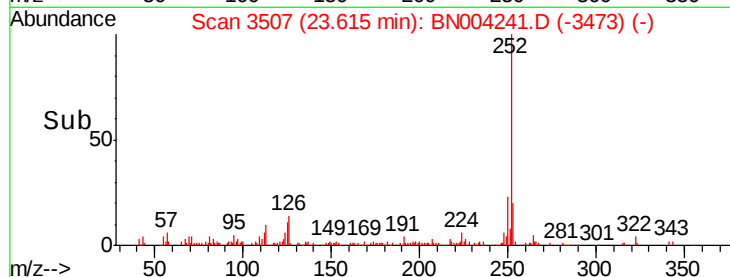
125 20.2 9.1 13.7#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.284 ng/ul

RT: 26.08 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

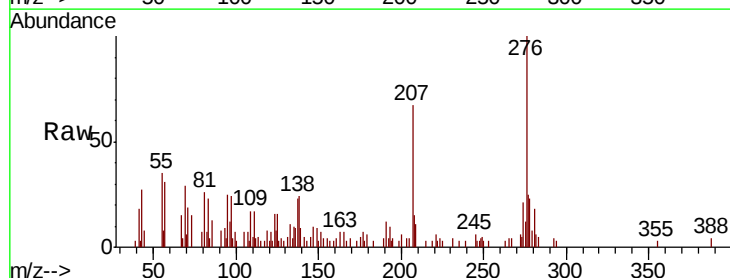
Tgt Ion:276 Resp: 28640

Ion Ratio Lower Upper

276 100

138 23.5 20.4 30.6

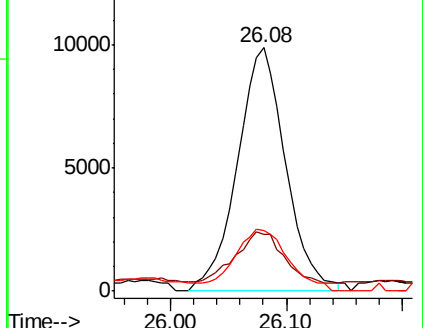
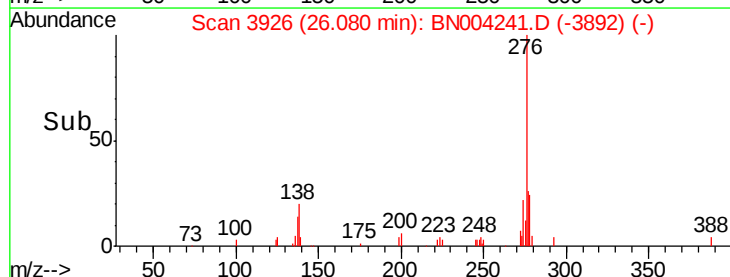
277 25.0 20.6 30.8

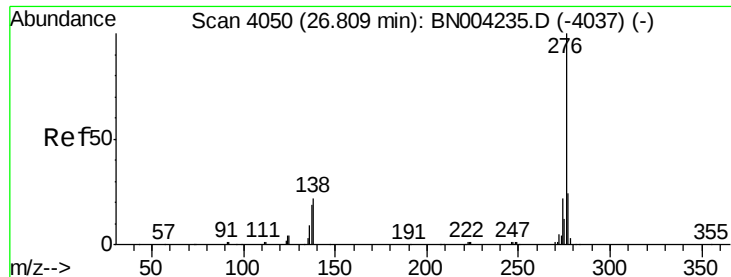


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 1.335 ng/ul

RT: 26.81 min Scan# 4050

Delta R.T. -0.00 min

Lab File: BN004241.D

Acq: 27 Dec 2018 15:21

Instrument :

BNA_N

ClientSampleId :

BF025

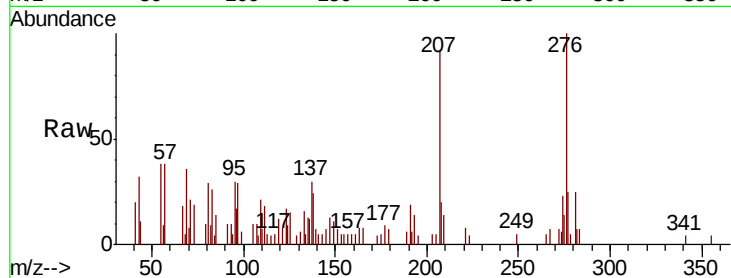
Tgt Ion: 276 Resp: 24931

Ion Ratio Lower Upper

276 100

138 24.0 18.2 27.4

277 25.3 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

