

Data File : BN004394.D
Acq On : 13 Feb 2019 16:01
Operator : JU/SJ
Sample : MDL-S-ME-BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-ME-BL

Quant Time: Feb 14 06:36:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 06:33:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	26443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	126911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	83012	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	204704	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	269148	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	319515	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	3136	7.13	ng/uL	0.00
5) Phenol-d5	6.90	99	70410	29.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	40223	34.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	62832	32.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	62106	30.66	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	30104	35.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	32984	37.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	66603	33.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	103382	47.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	282642	40.15	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	319364	38.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	43087	31.97	ng/ul	0.00
58) Fluorene-d10	15.38	176	247016	39.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	36916	30.92	ng/ul	0.00
71) Anthracene-d10	17.23	188	408078	41.60	ng/ul	0.00
79) Pyrene-d10	19.53	212	506910	42.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	720546	42.97	ng/ul	0.00

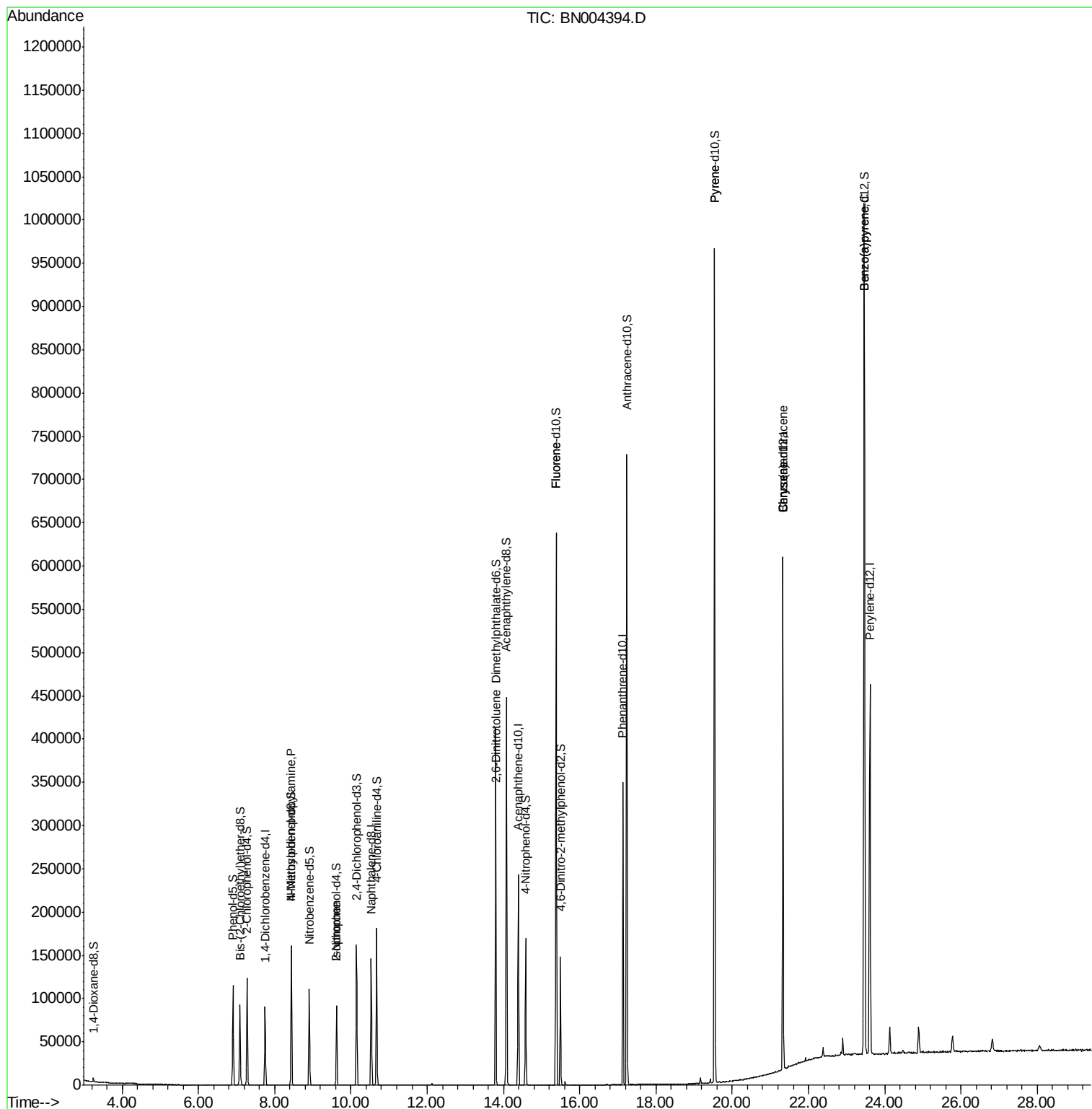
Target Compounds					Qvalue	
15) N-Nitroso-di-n-propylamine	8.44	70	1132	0.874	ng/ul#	1
21) Isophorone	9.62	82	2382	0.633	ng/ul#	62
46) 2,6-Dinitrotoluene	13.81	165	535	0.436	ng/ul#	34
59) Fluorene	15.38	166	411	0.061	ng/ul#	9
80) Pyrene	19.54	202	453	0.030	ng/ul#	1
83) Benzo(a)anthracene	21.33	228	563	0.034	ng/ul#	52
85) Chrysene	21.33	228	563	0.036	ng/ul#	50
91) Benzo(a)pyrene	23.46	252	2167	0.117	ng/ul#	76

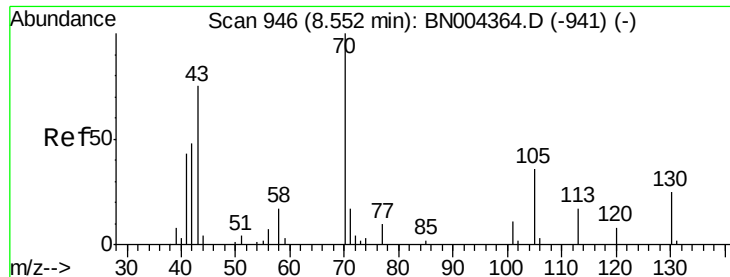
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 0.874 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. -0.11 min

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Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-BL

Tgt Ion: 70 Resp: 1132

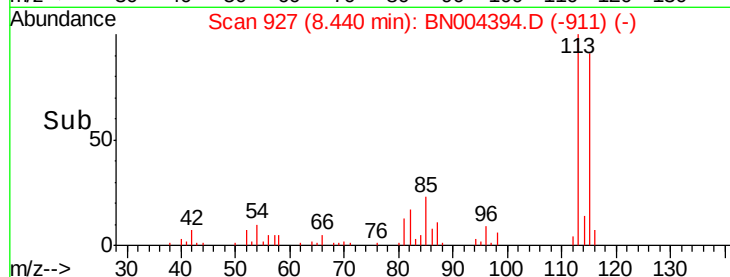
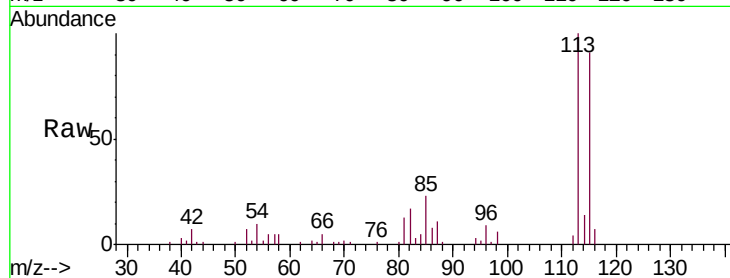
Ion Ratio Lower Upper

70 100

42 326.1 38.6 58.0#

101 0.0 8.4 12.6#

130 0.0 19.9 29.9#

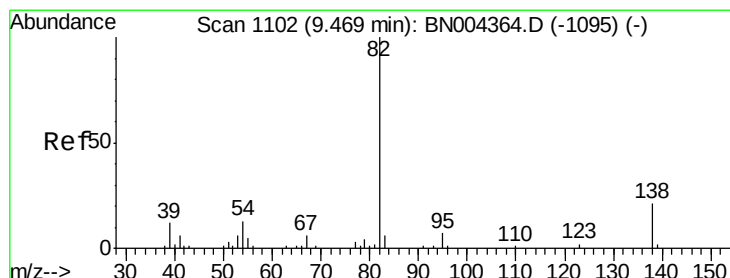
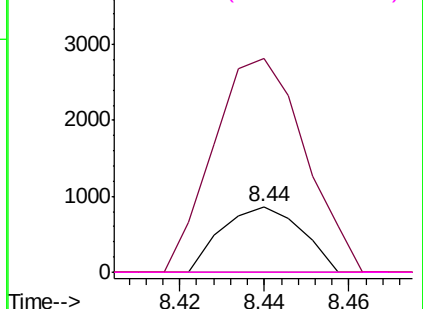


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Isophorone

Concen: 0.633 ng/ul

RT: 9.62 min Scan# 1128

Delta R.T. 0.16 min

Lab File: BN004394.D

Acq: 13 Feb 2019 16:01

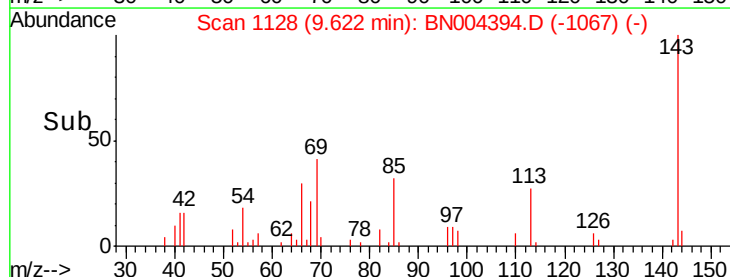
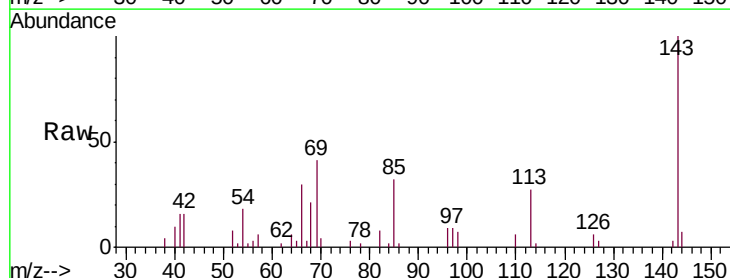
Tgt Ion: 82 Resp: 2382

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.4#

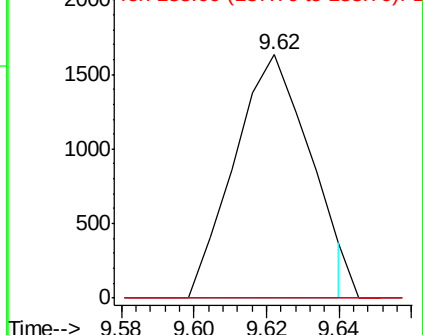
138 0.0 16.5 24.7#

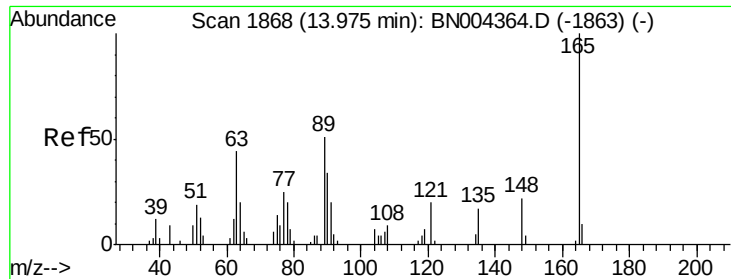


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 138.00 (137.70 to 138.70): E

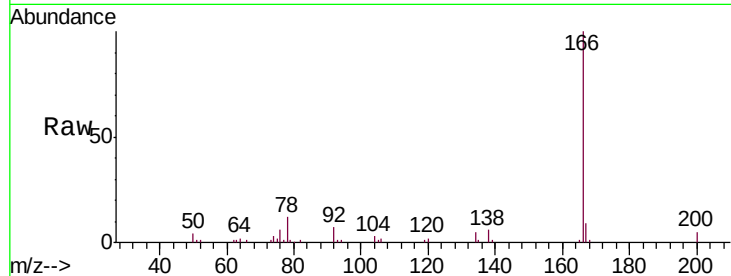




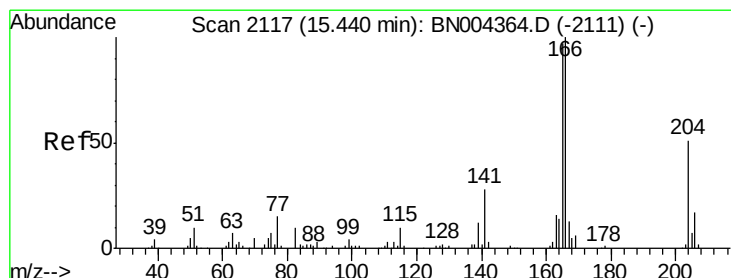
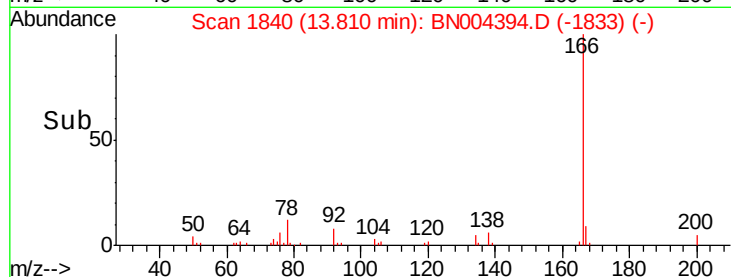
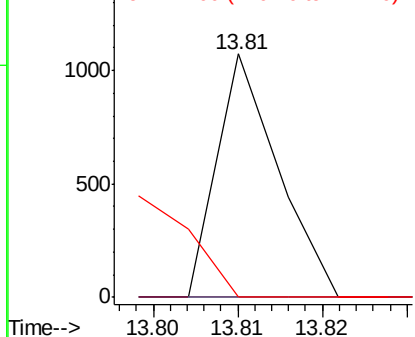
#46
 2,6-Dinitrotoluene
 Concen: 0.436 ng/ul
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.16 min
 Lab File: BN004394.D
 Acq: 13 Feb 2019 16:01

Instrument :
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Tgt Ion:165 Resp: 535
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.0 63.0#
 121 0.0 17.0 25.6#

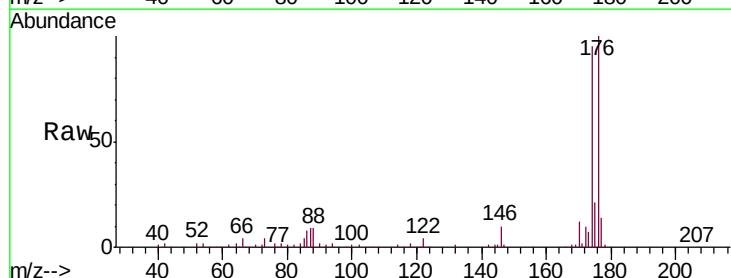


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BN
 Ion 121.00 (120.70 to 121.70): E

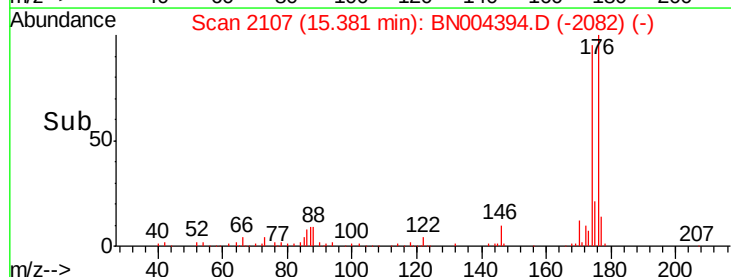
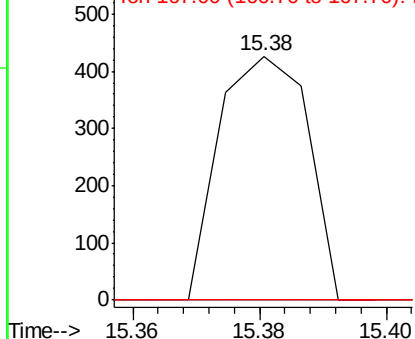


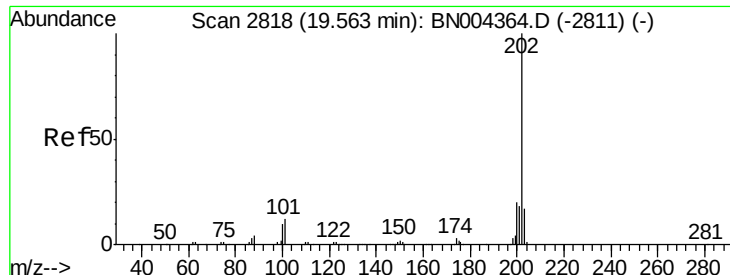
#59
 Fluorene
 Concen: 0.061 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.05 min
 Lab File: BN004394.D
 Acq: 13 Feb 2019 16:01

Tgt Ion:166 Resp: 411
 Ion Ratio Lower Upper
 166 100
 165 0.0 78.0 117.0#
 167 0.0 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

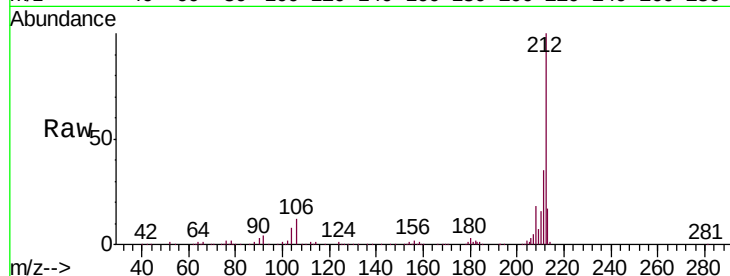




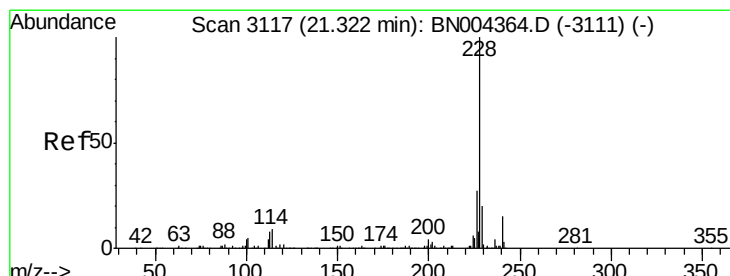
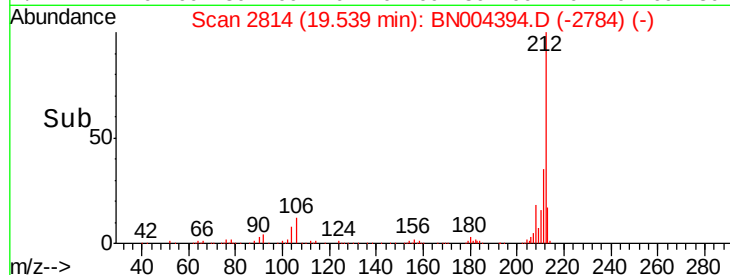
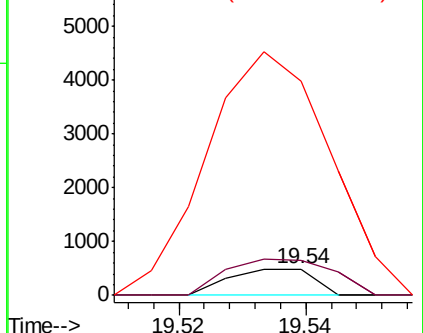
#80
 Pyrene
 Concen: 0.030 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.02 min
 Lab File: BN004394.D
 Acq: 13 Feb 2019 16:01

Instrument :
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 MDL-S-ME-BL

Tgt Ion:202 Resp: 453
 Ion Ratio Lower Upper
 202 100
 101 133.1 9.2 13.8#
 100 814.3 7.5 11.3#

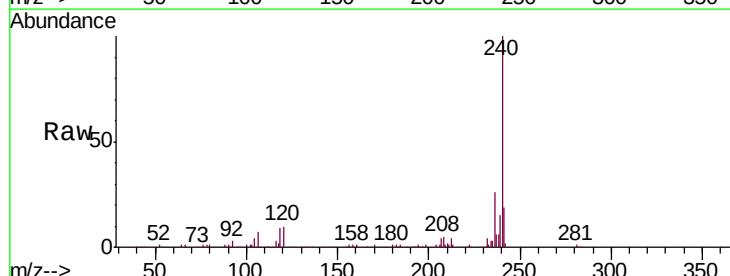


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

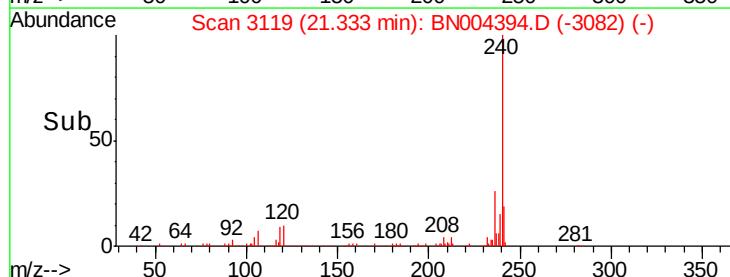
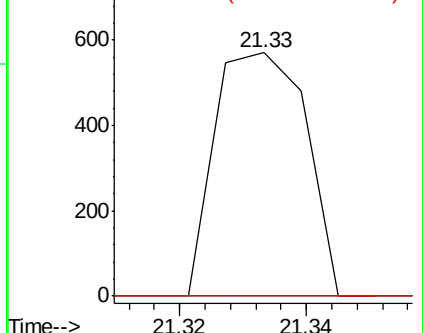


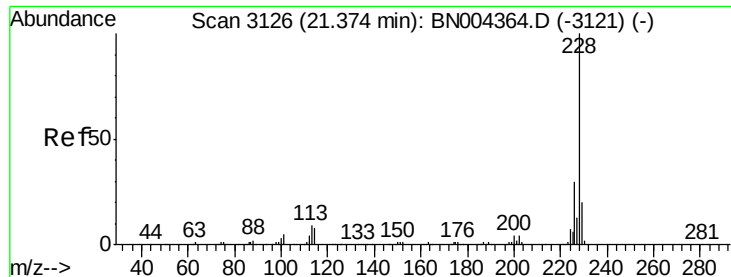
#83
 Benzo(a)anthracene
 Concen: 0.034 ng/ul
 RT: 21.33 min Scan# 3119
 Delta R.T. 0.02 min
 Lab File: BN004394.D
 Acq: 13 Feb 2019 16:01

Tgt Ion:228 Resp: 563
 Ion Ratio Lower Upper
 228 100
 229 0.0 15.4 23.2#
 226 0.0 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





#85

Chrysene

Concen: 0.036 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. -0.04 min

Lab File: BN004394.D

Acq: 13 Feb 2019 16:01

Instrument :

BNA_N

ClientSampleId :

MDL-S-ME-BL

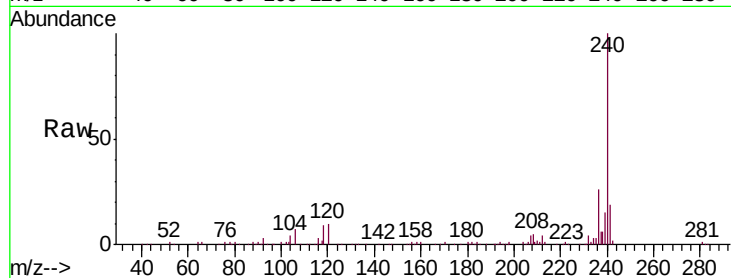
Tgt Ion:228 Resp: 563

Ion Ratio Lower Upper

228 100

226 0.0 24.0 36.0#

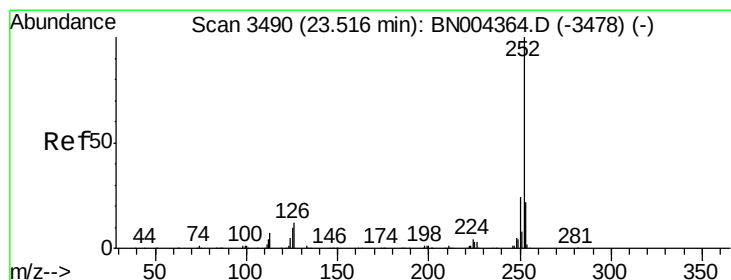
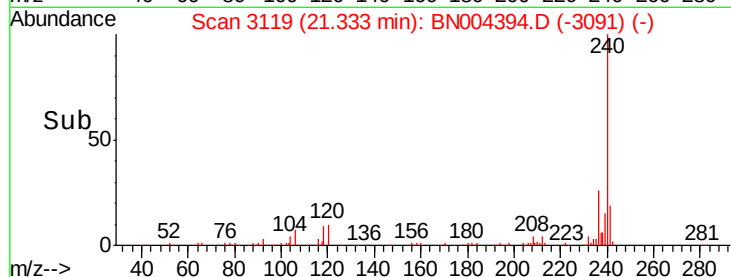
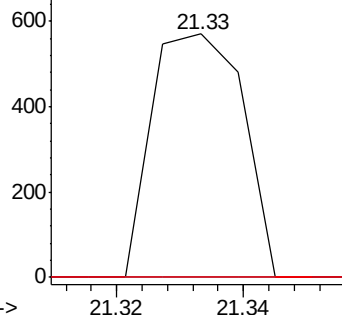
229 0.0 15.7 23.5#



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



#91

Benzo(a)pyrene

Concen: 0.117 ng/ul

RT: 23.46 min Scan# 3481

Delta R.T. -0.05 min

Lab File: BN004394.D

Acq: 13 Feb 2019 16:01

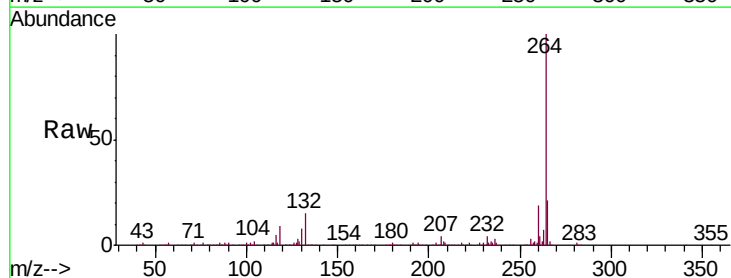
Tgt Ion:252 Resp: 2167

Ion Ratio Lower Upper

252 100

253 28.2 17.6 26.4#

125 28.2 8.4 12.6#



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

