

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\
 Data File : BM016164.D
 Acq On : 02 Aug 2018 20:50
 Operator : SJ/JU
 Sample : J4171-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 01:12:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 03 01:12:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	59067	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	243902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	116016	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	235434	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	228956	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	235925	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	8127	6.06	ng/uL	0.00
5) Phenol-d5	7.35	99	152367	28.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	102315	30.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	138360	31.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	123840	26.79	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	62336	35.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	70621	35.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	119513	30.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	126420	26.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	357277	33.78	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	420864	34.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	38984	21.27	ng/ul	0.00
57) Fluorene-d10	15.80	176	283897	31.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	36486	23.22	ng/ul	0.00
70) Anthracene-d10	17.55	188	235434	19.53	ng/ul	-0.09
78) Pyrene-d10	19.91	212	415405	39.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.88	264	439408	33.86	ng/ul	0.00

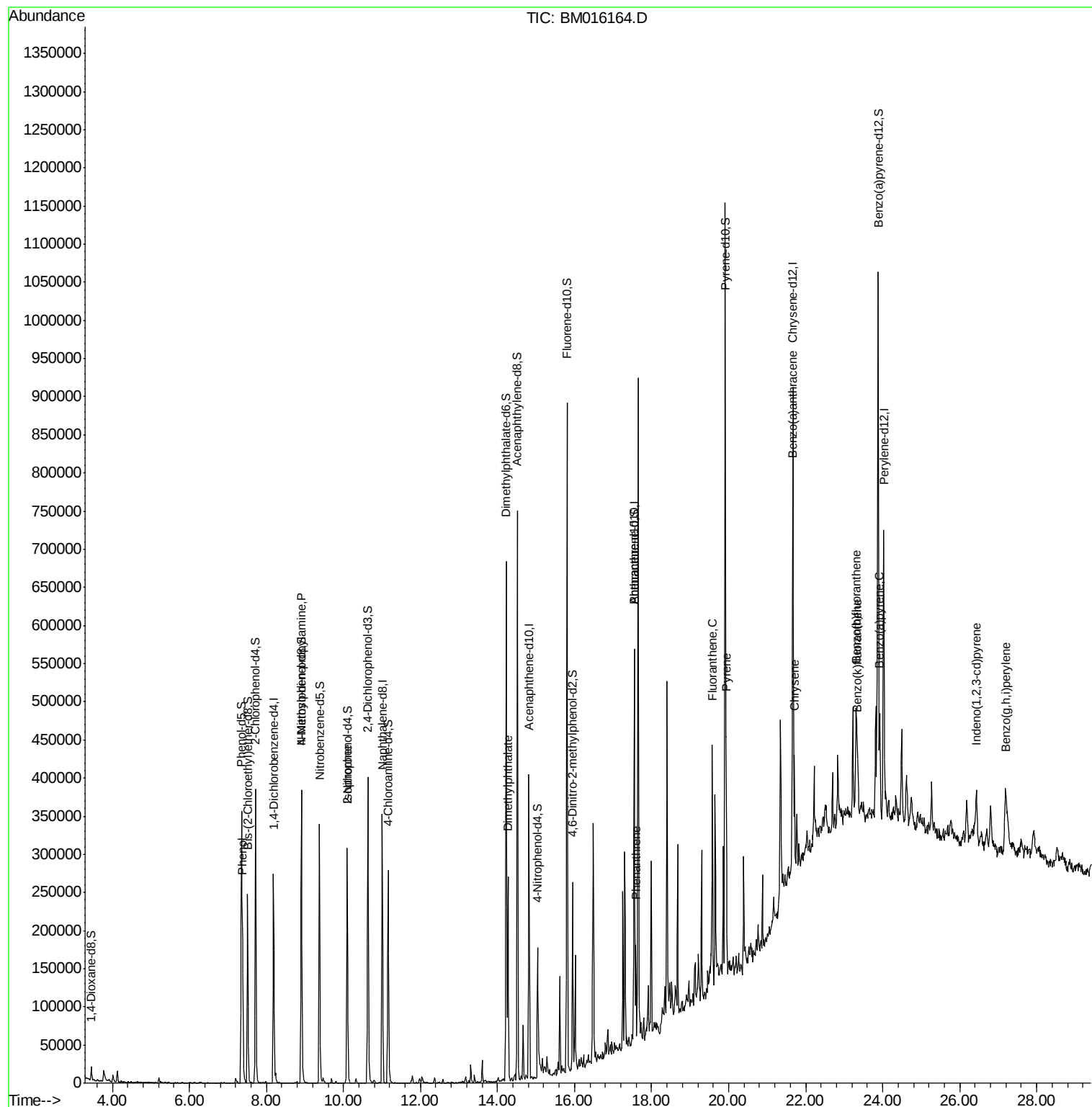
Target Compounds				Ovalue		
6) Phenol	7.37	94	80678	14.885	ng/ul#	66
15) N-Nitroso-di-n-propylamine	8.91	70	4331	1.127	ng/ul#	1
21) Isophorone	10.10	82	9537	1.104	ng/ul#	64
44) Dimethylphthalate	14.27	163	129218	12.339	ng/ul	99
69) Phenanthrene	17.59	178	61051	4.386	ng/ul	98
76) Fluoranthene	19.58	202	150100	8.592	ng/ul	96
79) Pyrene	19.94	202	154250	11.428	ng/ul	95
82) Benzo(a)anthracene	21.66	228	66253	4.476	ng/ul	96
84) Chrysene	21.71	228	67092	4.845	ng/ul	95
87) Benzo(b)fluoranthene	23.32	252	88741	5.864	ng/ul	93
88) Benzo(k)fluoranthene	23.36	252	34756	2.402	ng/ul#	92
90) Benzo(a)pyrene	23.93	252	70926	4.874	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	26.43	276	50998	2.850	ng/ul#	89
93) Benzo(g,h,i)perylene	27.18	276	48915	3.419	ng/ul	97

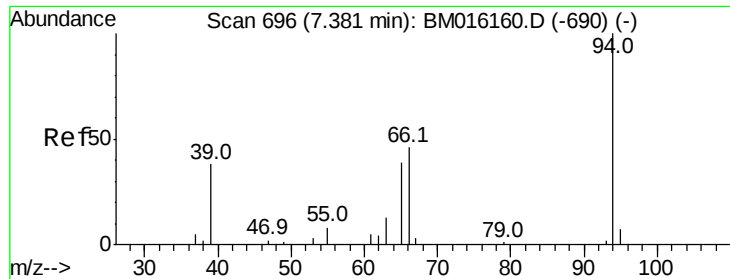
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 03 01:12:01 2018
Response via : Initial Calibration





#6

Phenol

Concen: 14.885 ng/ul

RT: 7.37 min Scan# 695

Delta R.T. -0.01 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Instrument :

BNA_M

ClientSampled :

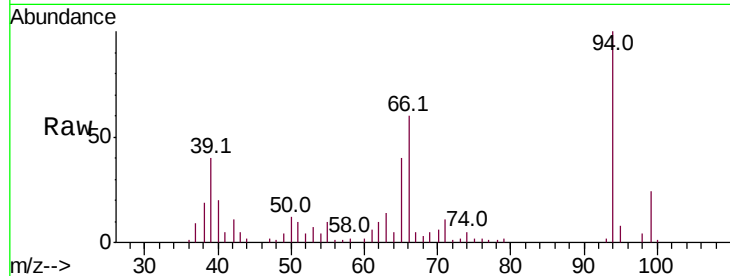
Tot Ion: 94 Resp: 80678

Ion Ratio Lower Upper

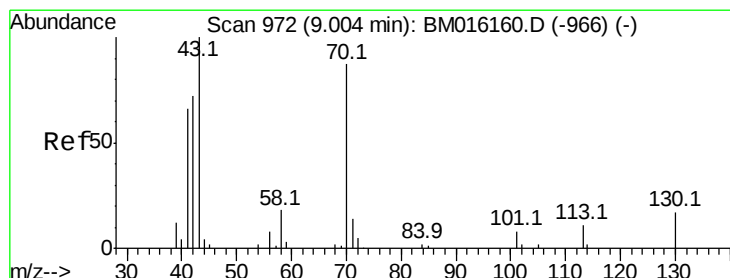
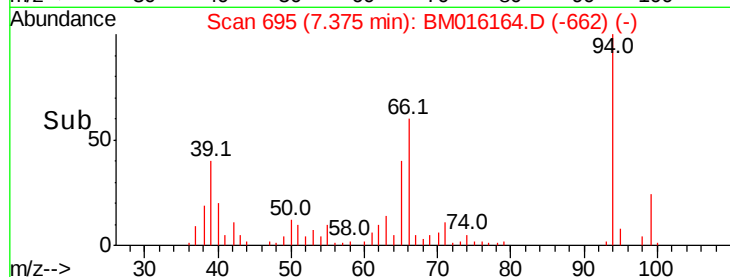
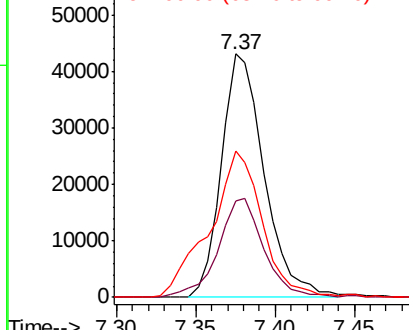
94 100

65 39.6 21.0 31.6#

66 60.3 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BMC
Ion 65.00 (64.70 to 65.70): BMC
Ion 66.00 (65.70 to 66.70): BMC



#15

N-Nitroso-di-n-propylamine

Concen: 1.127 ng/ul

RT: 8.91 min Scan# 956

Delta R.T. -0.09 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Tgt Ion: 70 Resp: 4331

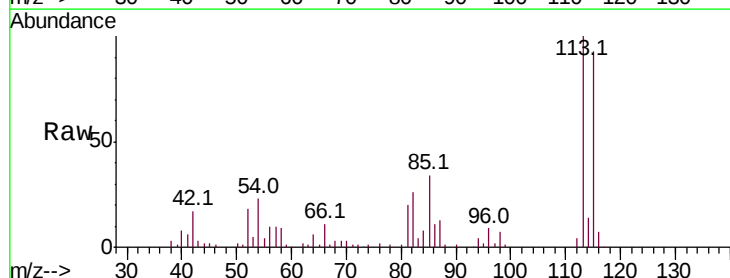
Ion Ratio Lower Upper

70 100

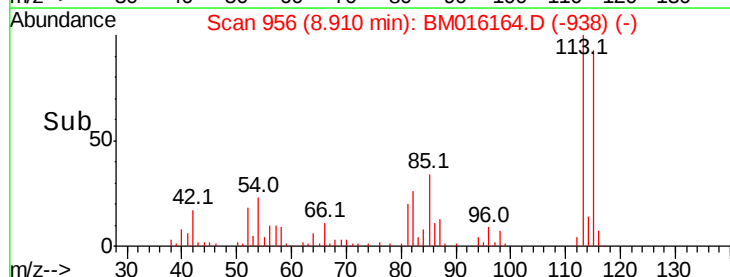
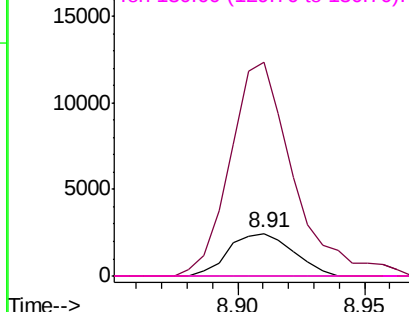
42 503.6 35.4 53.0#

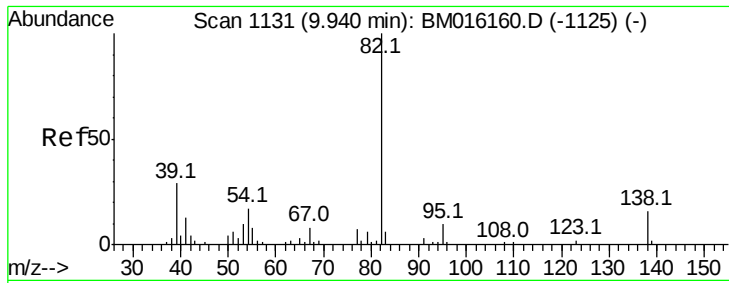
101 0.0 8.4 12.6#

130 0.0 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BMC
Ion 42.00 (41.70 to 42.70): BMC
Ion 101.00 (100.70 to 101.70): BMC
Ion 130.00 (129.70 to 130.70): BMC





#21

Isophorone

Concen: 1.104 ng/ul

RT: 10.10 min Scan# 1158

Delta R.T. 0.16 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Instrument :

BNA_M

ClientSampled :

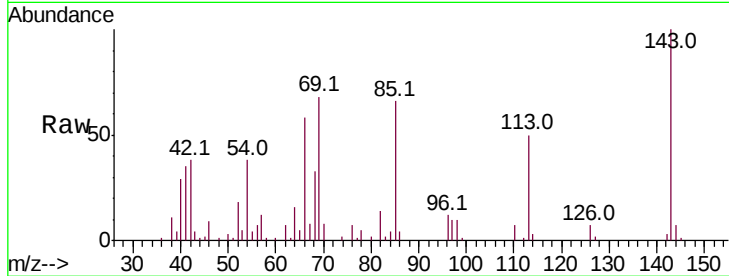
Tot Ion: 82 Resp: 9537

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

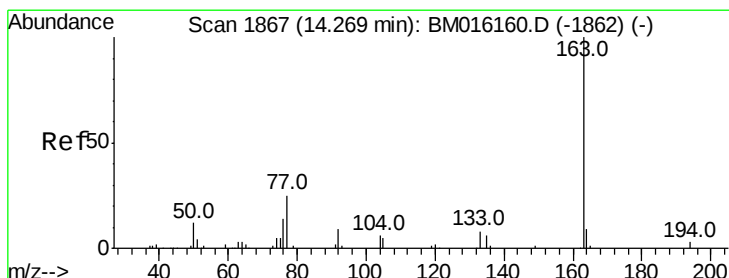
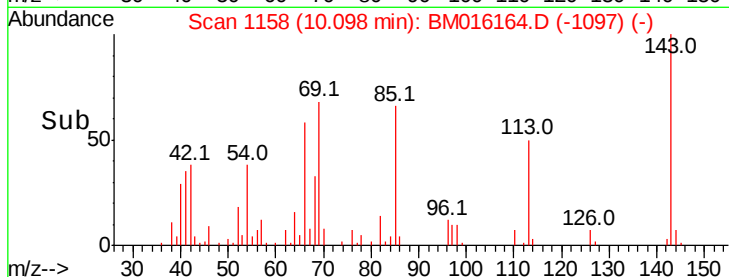
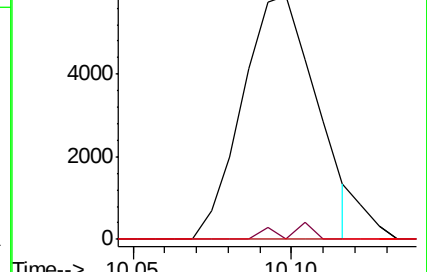
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BM016160.D (-1125) (-)

Ion 95.00 (94.70 to 95.70): BM016160.D (-1125) (-)

Ion 138.00 (137.70 to 138.70): BM016160.D (-1125) (-)



#44

Dimethylphthalate

Concen: 12.339 ng/ul

RT: 14.27 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

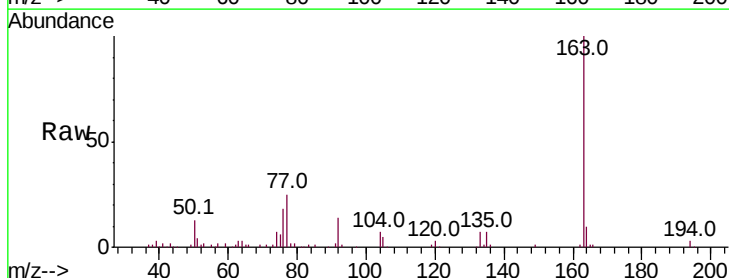
Tgt Ion:163 Resp: 129218

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

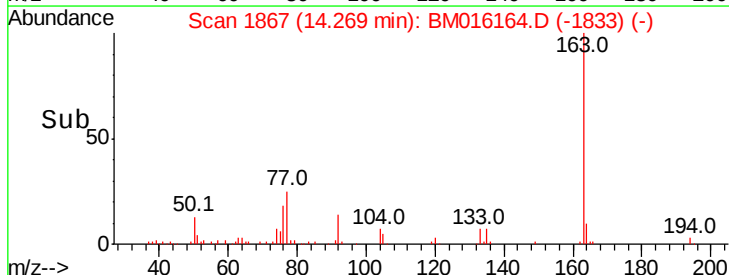
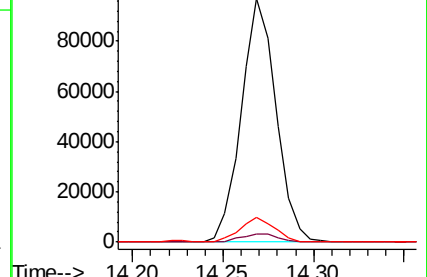
164 10.2 7.8 11.8

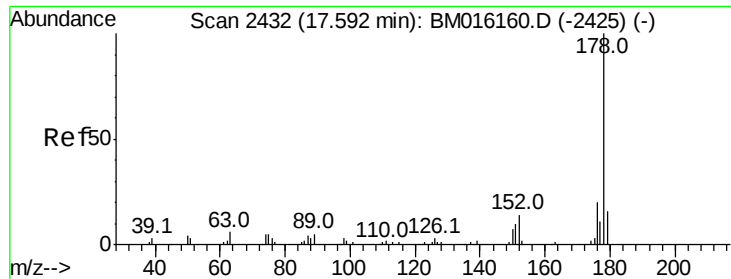


Abundance Ion 163.00 (162.70 to 163.70): BM016160.D (-1862) (-)

Ion 194.00 (193.70 to 194.70): BM016160.D (-1862) (-)

Ion 164.00 (163.70 to 164.70): BM016160.D (-1862) (-)





#69

Phenanthrene

Concen: 4.386 ng/ul

RT: 17.59 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Instrument :

BNA_M

ClientSampleId :

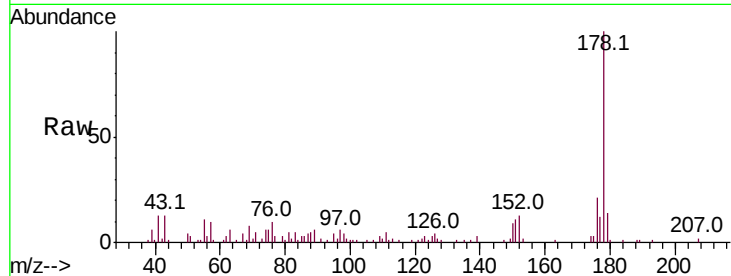
Tot Ion:178 Resp: 61051

Ion Ratio Lower Upper

178 100

179 14.3 12.2 18.4

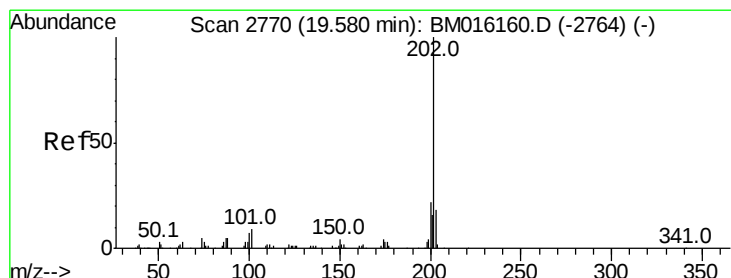
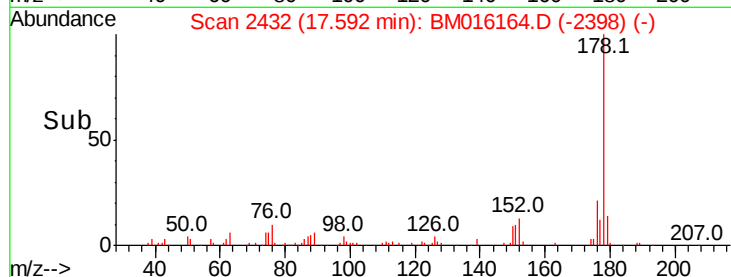
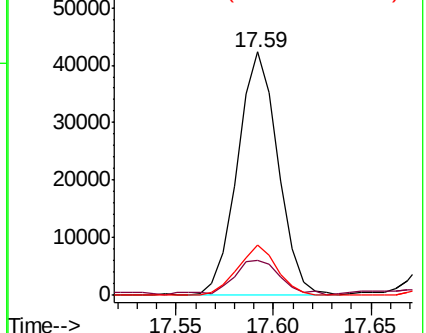
176 20.7 15.6 23.4



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: 8.592 ng/ul

RT: 19.58 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

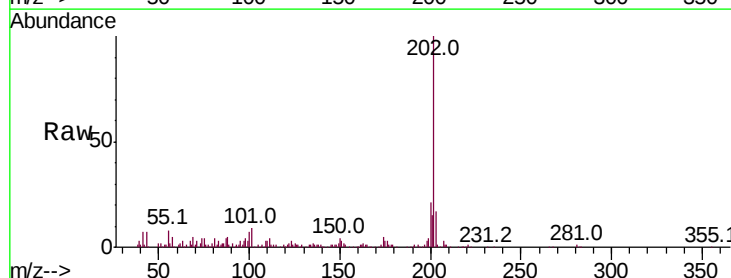
Tgt Ion:202 Resp: 150100

Ion Ratio Lower Upper

202 100

101 9.3 8.8 13.2

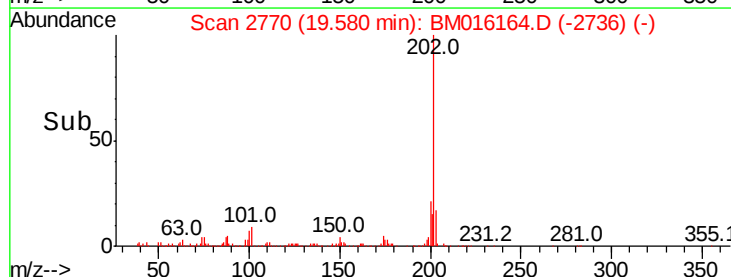
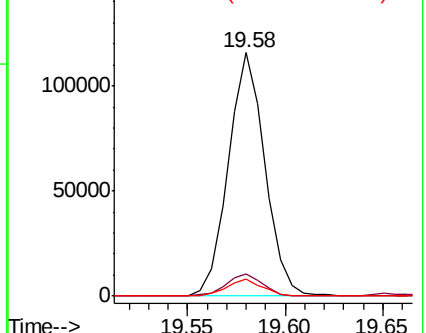
100 7.3 6.6 9.8

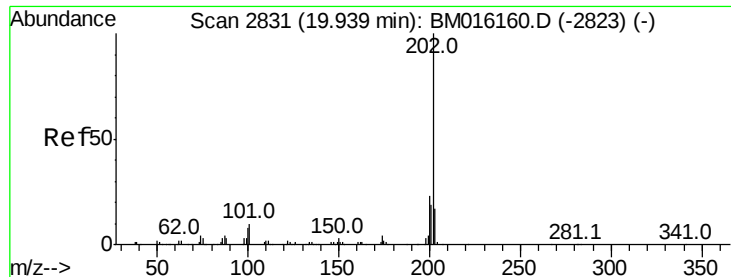


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

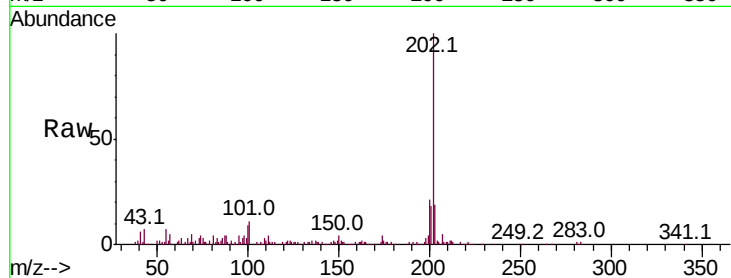




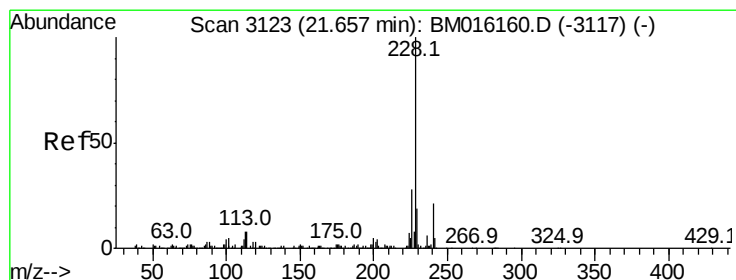
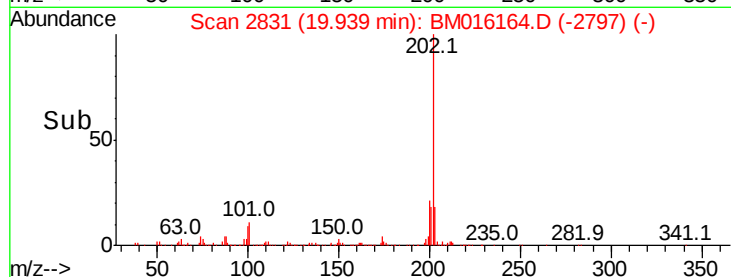
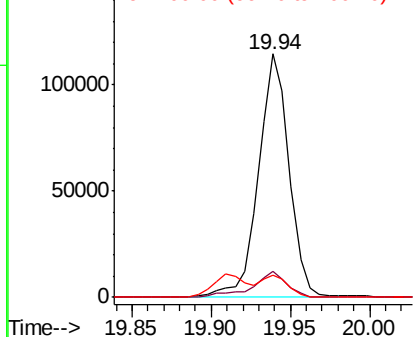
#79
Pvrene
Concen: 11.428 ng/ul
RT: 19.94 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.2	15.2
100	9.2	8.5	12.7

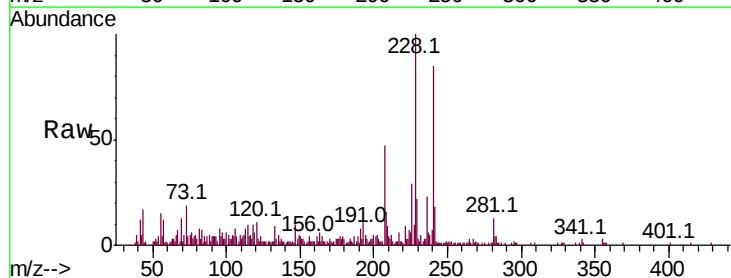


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

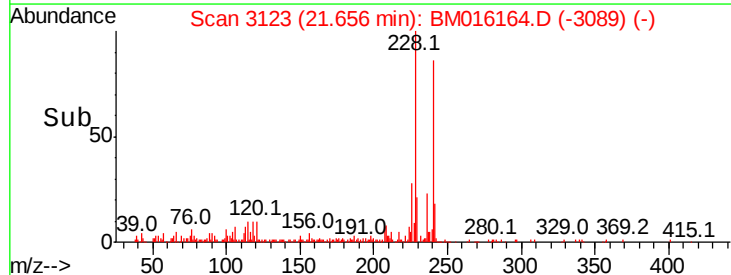
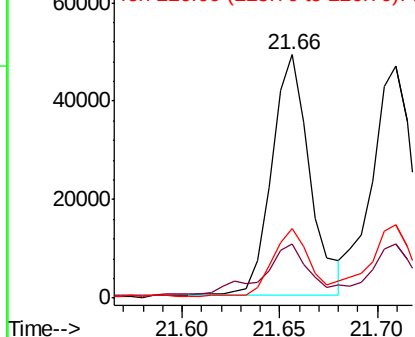


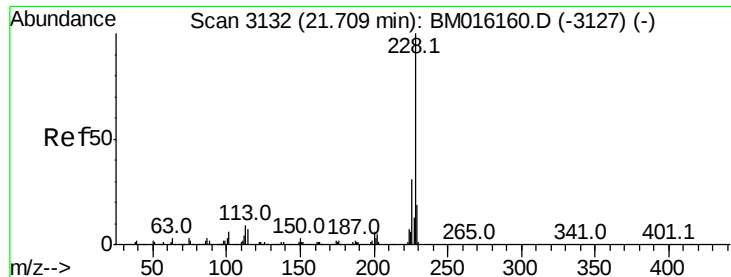
#82
Benzo(a)anthracene
Concen: 4.476 ng/ul
RT: 21.66 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	28.5	21.8	32.6



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: 4.845 ng/ul

RT: 21.71 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Instrument :

BNA_M

ClientSampleId :

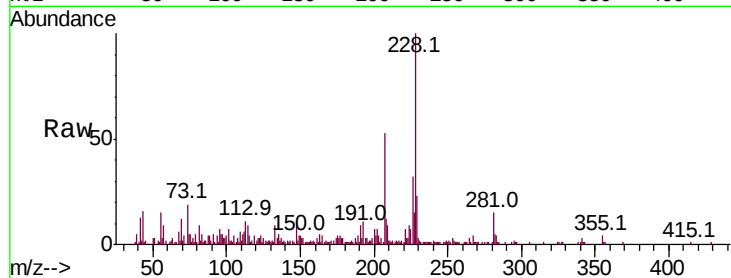
Tot Ion:228 Resp: 67092

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

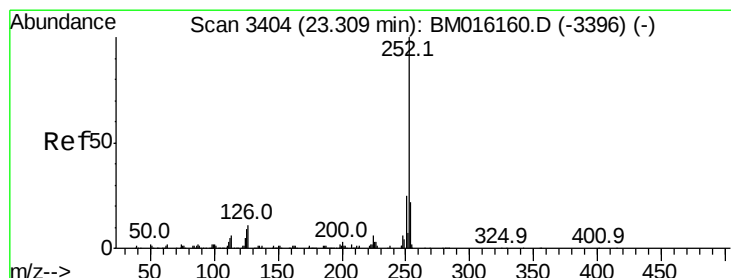
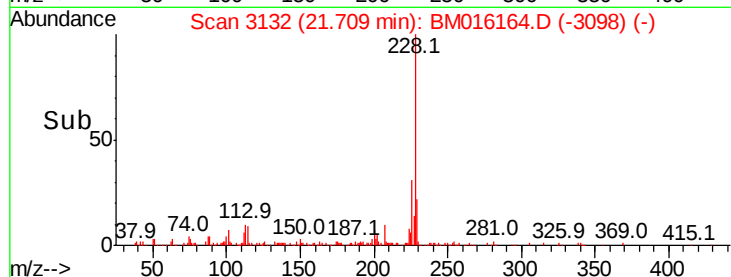
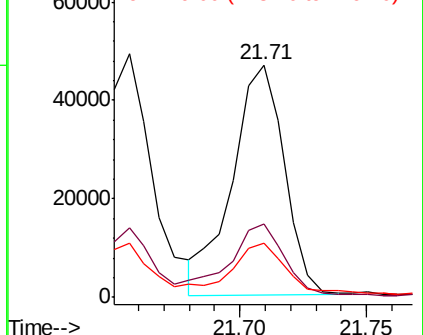
229 23.3 15.6 23.4



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: 5.864 ng/ul

RT: 23.32 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

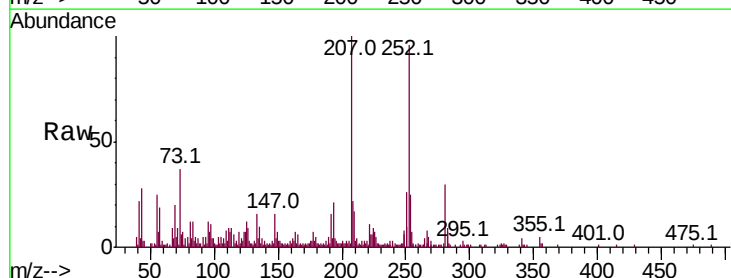
Tgt Ion:252 Resp: 88741

Ion Ratio Lower Upper

252 100

253 26.0 17.5 26.3

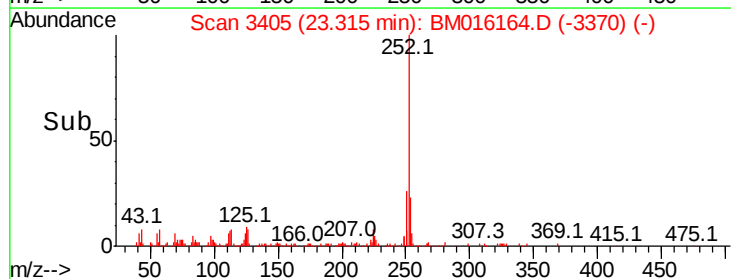
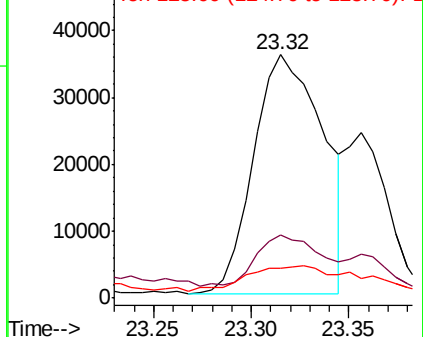
125 12.2 8.5 12.7

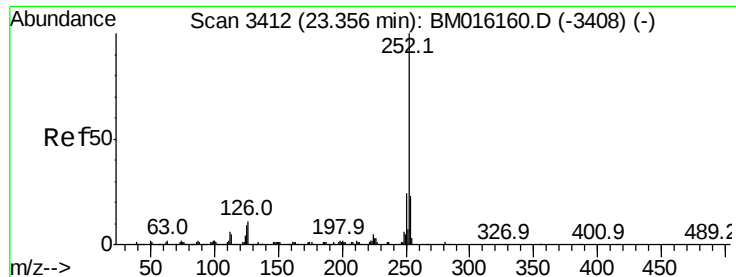


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.402 ng/ul

RT: 23.36 min Scan# 3412

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

Instrument :

BNA_M

ClientSampled :

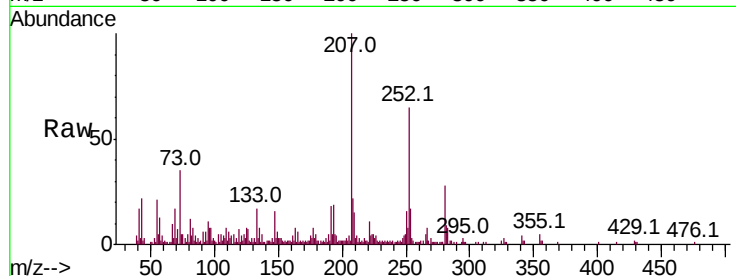
Tot Ion:252 Resp: 34756

Ion Ratio Lower Upper

252 100

253 26.4 17.3 25.9#

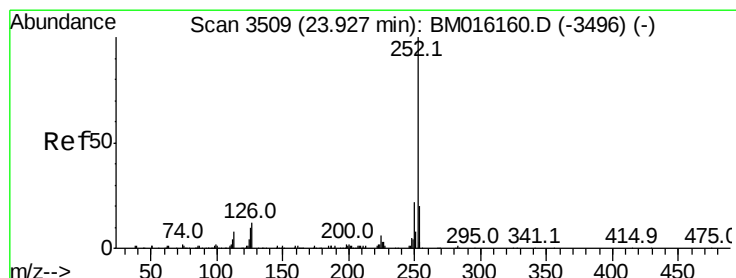
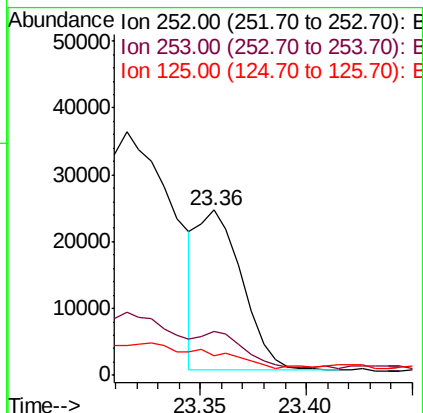
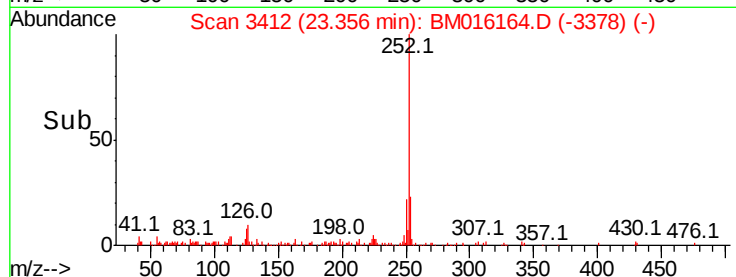
125 11.7 8.2 12.2



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: 4.874 ng/ul

RT: 23.93 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BM016164.D

Acq: 02 Aug 2018 20:50

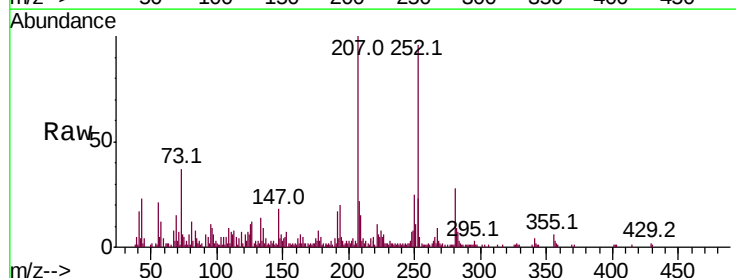
Tgt Ion:252 Resp: 70926

Ion Ratio Lower Upper

252 100

253 24.3 17.2 25.8

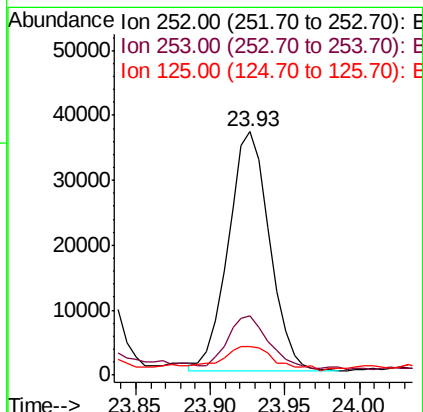
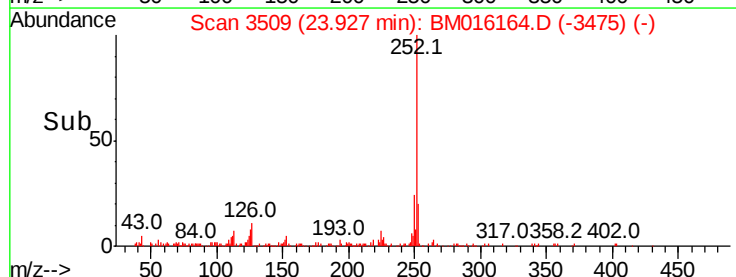
125 11.6 9.0 13.6

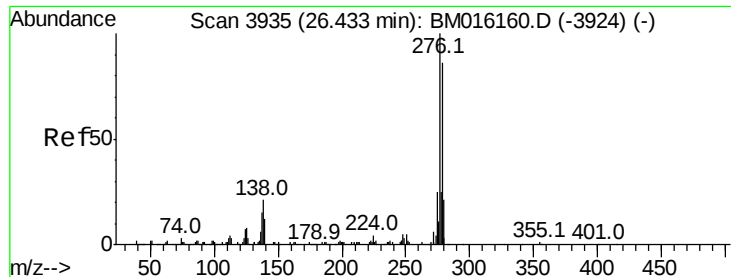


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



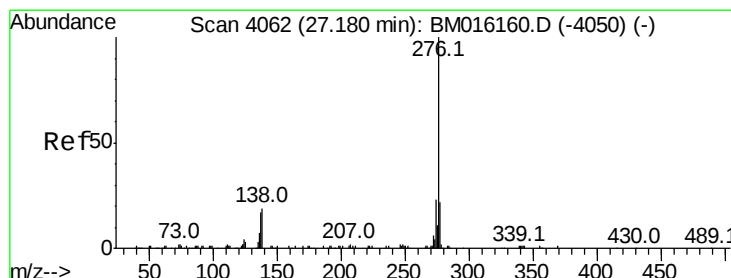
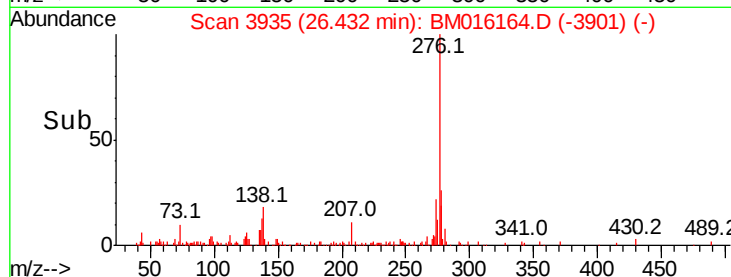
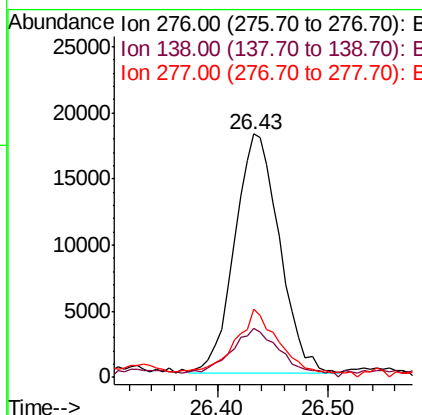
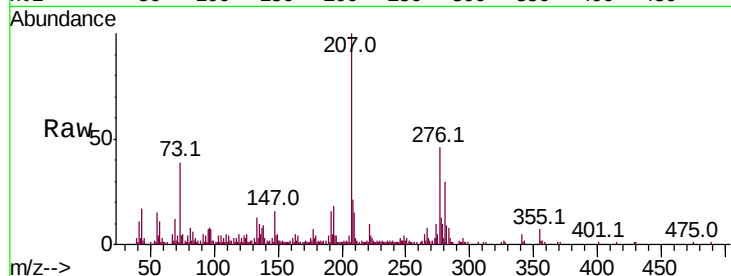


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.850 ng/ul
RT: 26.43 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	22.3	33.5#
277	28.0	20.2	30.2



#93

Benzo(g,h,i)perylene
Concen: 3.419 ng/ul
RT: 27.18 min Scan# 4062
Delta R.T. -0.00 min
Lab File: BM016164.D
Acq: 02 Aug 2018 20:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.9	28.3
277	24.9	19.2	28.8

