

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024083.D
 Acq On : 13 Dec 2019 09:44
 Operator : JU
 Sample : K6132-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQR0

Quant Time: Dec 13 11:41:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	438617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1819511	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1065762	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	2005198	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1499840	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1748291	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	56029	5.68	ng/uL	0.00
5) Phenol-d5	6.66	99	276779	7.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	696612	31.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	757156	25.48	ng/ul	-0.01
13) 4-Methylphenol-d8	8.19	113	509783	16.81	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	443330	31.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	507191	31.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	883503	29.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	48409	1.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	2782859	33.61	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	3356174	34.58	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	68397	4.91	ng/ul	0.00
58) Fluorene-d10	15.13	176	2341208	33.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	371308	29.50	ng/ul	0.00
71) Anthracene-d10	16.98	188	3211845	33.54	ng/ul	-0.01
79) Pyrene-d10	19.29	212	3010687	38.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	3181969	34.43	ng/ul	-0.01

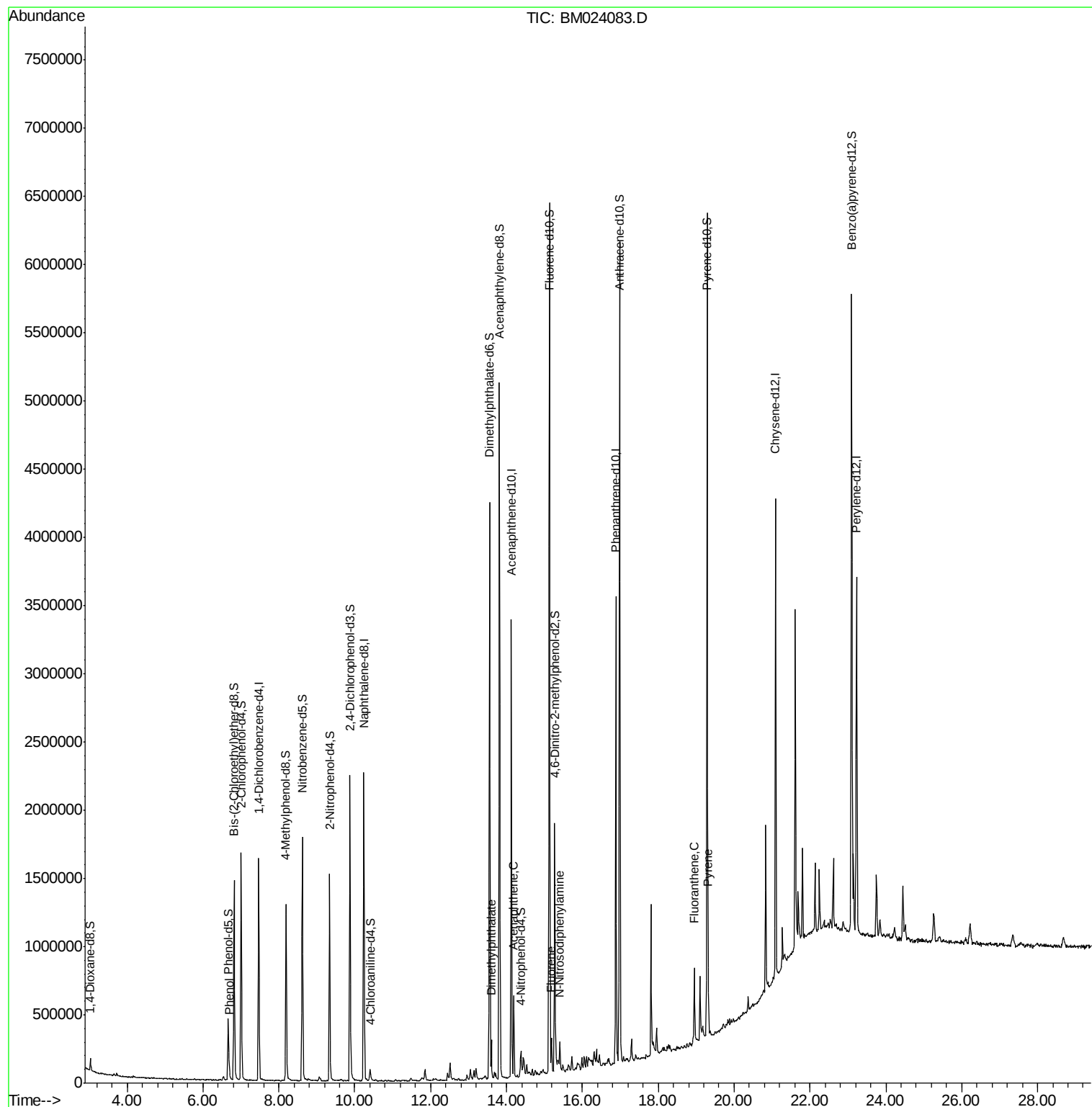
Target Compounds				Qvalue		
6) Phenol	6.69	94	49376	1.249	ng/ul	98
45) Dimethylphthalate	13.60	163	168696	2.081	ng/ul	100
50) Acenaphthene	14.19	153	233364	3.347	ng/ul	98
59) Fluorene	15.19	166	88504	1.112	ng/ul#	97
65) N-Nitrosodiphenylamine	15.40	169	74328	1.171	ng/ul	95
77) Fluoranthene	18.95	202	293171	2.413	ng/ul	99
80) Pyrene	19.32	202	296694	2.936	ng/ul	99

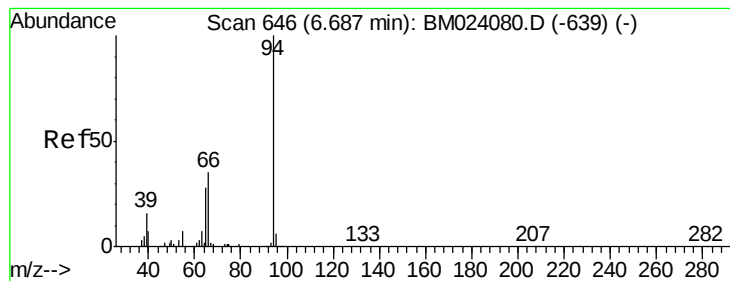
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.249 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024083.D

Acq: 13 Dec 2019 09:44

Instrument :

BNA_M

ClientSampleId :

BFQR0

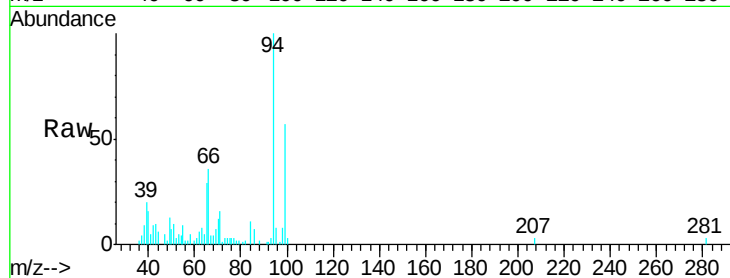
Tgt Ion: 94 Resp: 49376

Ion Ratio Lower Upper

94 100

65 28.7 21.7 32.5

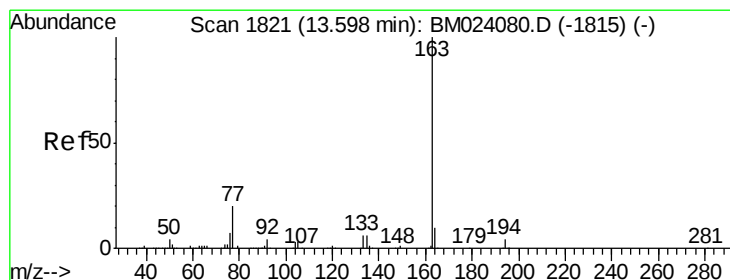
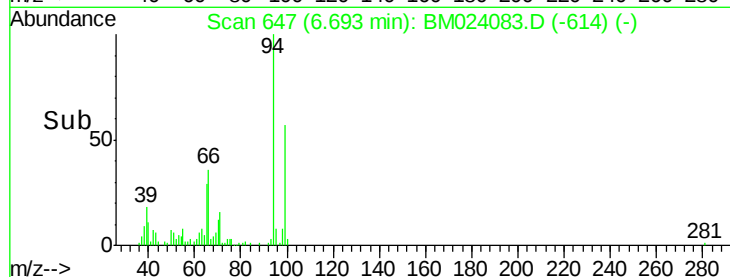
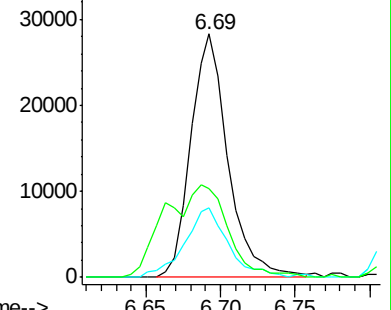
66 36.4 28.8 43.2



Abundance Ion 94.00 (93.70 to 94.70): BM024083.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BM024083.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BM024083.D (-614) (-)



#45

Dimethylphthalate

Concen: 2.081 ng/ul

RT: 13.60 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM024083.D

Acq: 13 Dec 2019 09:44

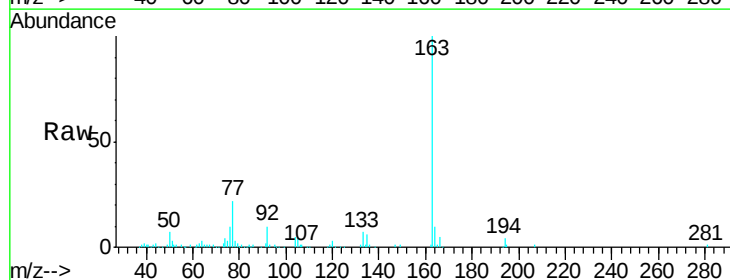
Tgt Ion: 163 Resp: 168696

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

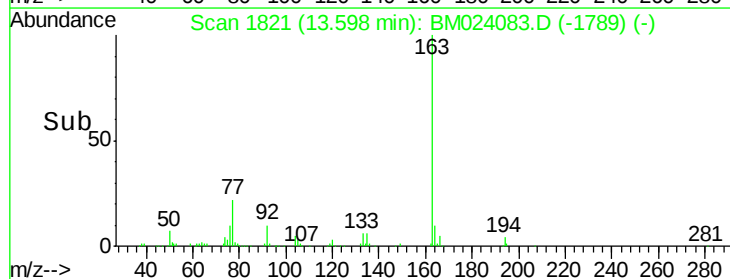
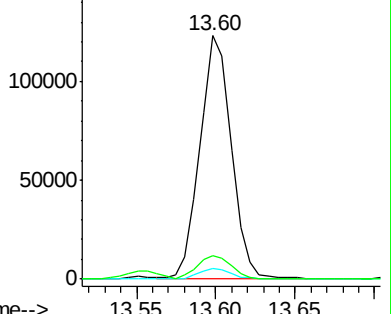
164 9.8 7.9 11.9

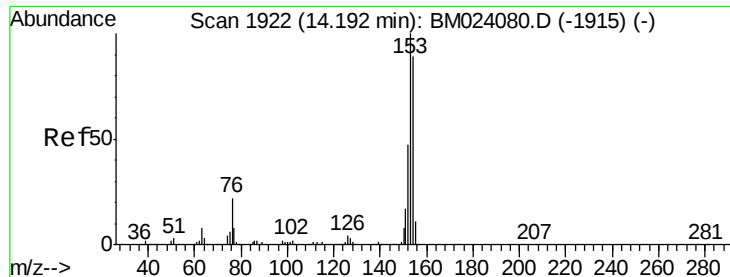


Abundance Ion 163.00 (162.70 to 163.70): BM024083.D (-1789) (-)

Ion 194.00 (193.70 to 194.70): BM024083.D (-1789) (-)

Ion 164.00 (163.70 to 164.70): BM024083.D (-1789) (-)





#50

Acenaphthene

Concen: 3.347 ng/ul

RT: 14.19 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM024083.D

Acq: 13 Dec 2019 09:44

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BNA_M

ClientSampleId :

BFQR0

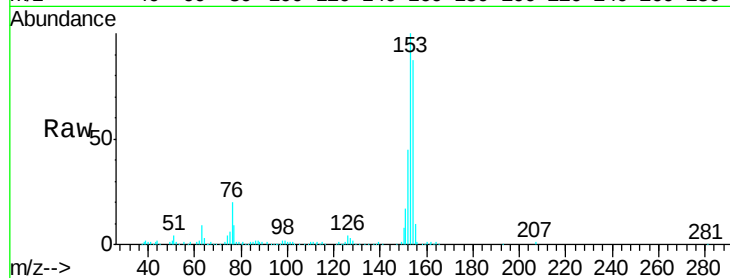
Tgt Ion:153 Resp: 233364

Ion Ratio Lower Upper

153 100

152 45.3 37.5 56.3

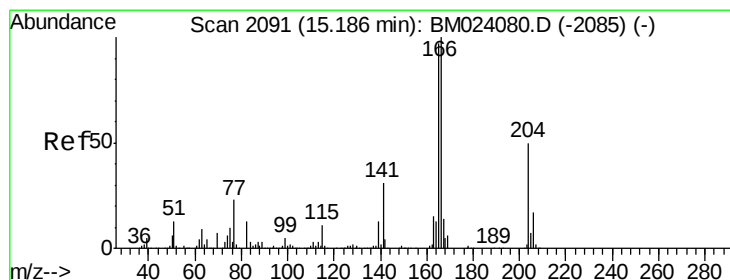
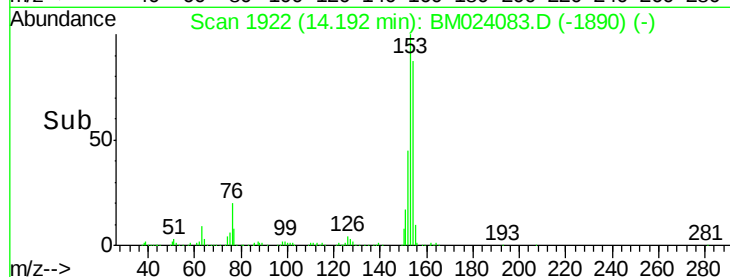
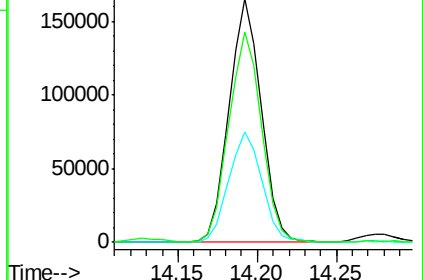
154 86.6 70.7 106.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.112 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM024083.D

Acq: 13 Dec 2019 09:44

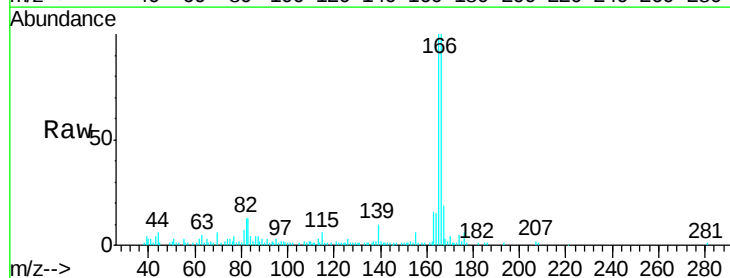
Tgt Ion:166 Resp: 88504

Ion Ratio Lower Upper

166 100

165 100.2 78.6 118.0

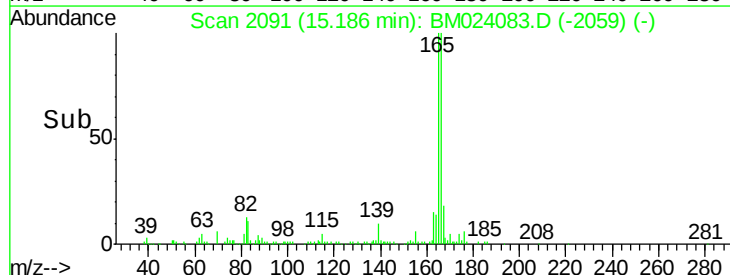
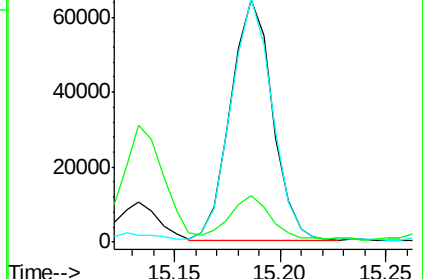
167 18.9 11.1 16.7#

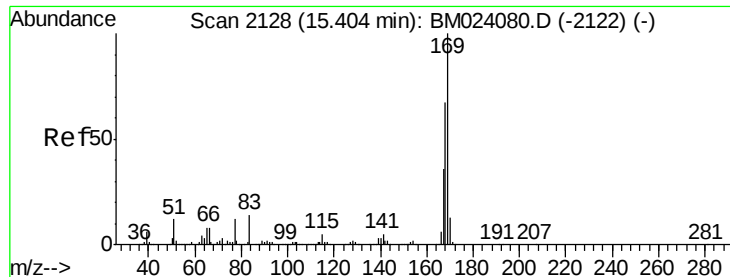


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

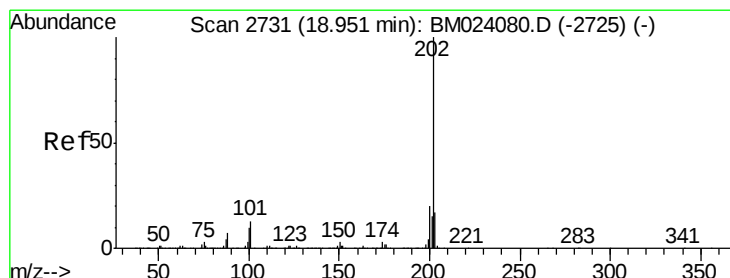
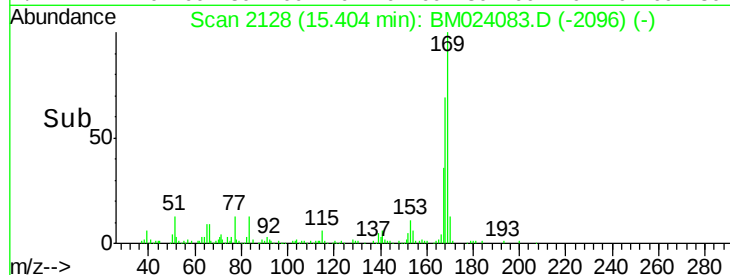
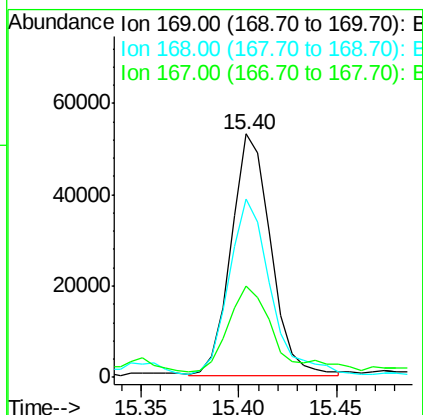
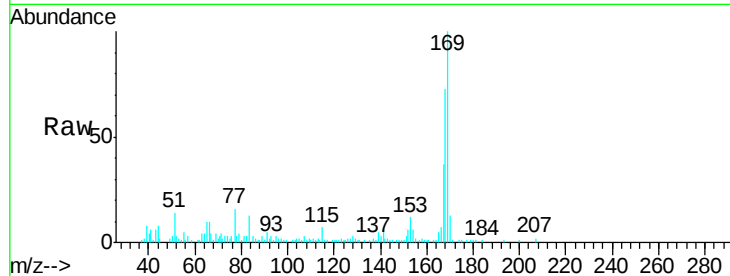




#65
N-Nitrosodiphenylamine
Concen: 1.171 ng/ul
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM024083.D
Acq: 13 Dec 2019 09:44

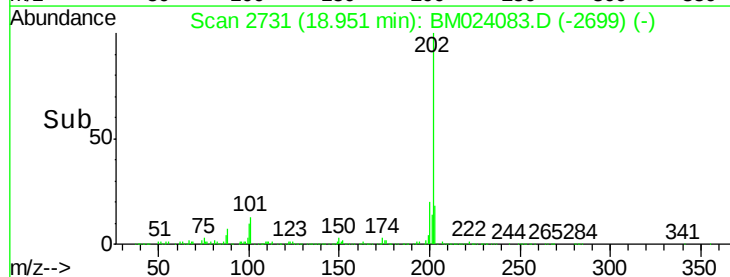
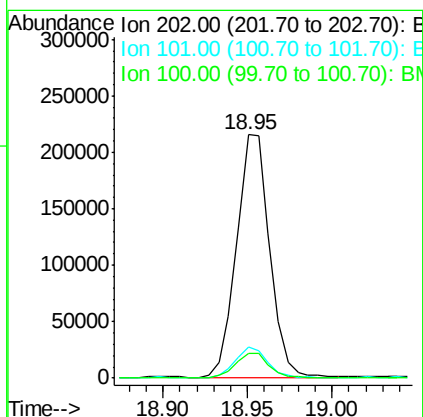
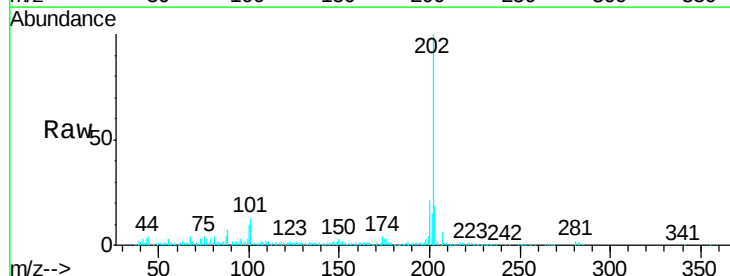
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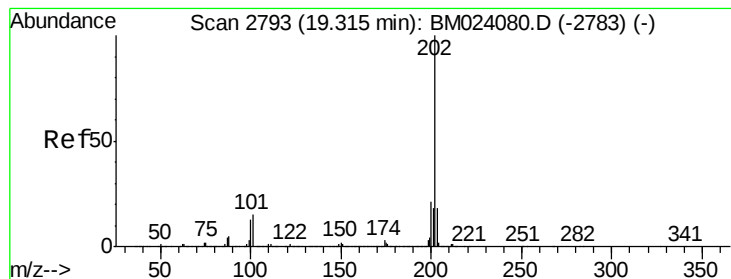
Tgt Ion:169 Resp: 74328
Ion Ratio Lower Upper
169 100
168 73.3 54.1 81.1
167 37.4 28.8 43.2



#77
Fluoranthene
Concen: 2.413 ng/ul
RT: 18.95 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM024083.D
Acq: 13 Dec 2019 09:44

Tgt Ion:202 Resp: 293171
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 10.2 7.8 11.6

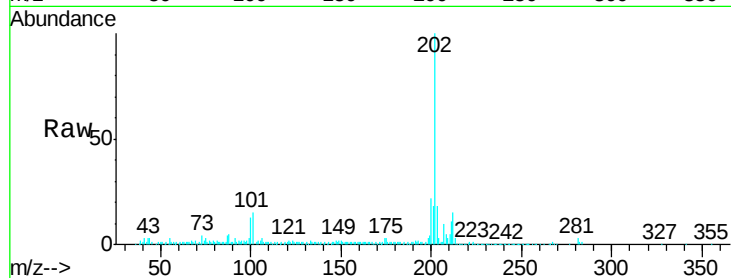




#80
 Pyrene
 Concen: 2.936 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM024083.D
 Acq: 13 Dec 2019 09:44

Instrument :
 BNA_M
 ClientSampleId :
 BFQR0

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.8	17.6
100	12.7	9.8	14.6



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

