

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009761.D
 Acq On : 19 Feb 2020 02:01
 Operator : CG/JU
 Sample : L1541-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD66

Manual Integrations
 APPROVED

mohammad
 2/20/2020 8:58:15 AM

Quant Time: Feb 19 10:37:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:37:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	126690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	524693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	326158	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	740080	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	774235	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	762205	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	17150	5.57	ng/uL	0.00
5) Phenol-d5	6.62	99	78126	7.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	258094	34.71	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	229498	28.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	150639	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	147924	38.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	158307	37.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	278425	34.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	35284m	3.89	ng/ul	0.04
44) Dimethylphthalate-d6	13.48	166	948278	38.92	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1112033	38.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	31414	7.06	ng/ul	0.02
58) Fluorene-d10	15.06	176	853312	40.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	157524	34.26	ng/ul	0.00
71) Anthracene-d10	16.91	188	1353332	39.89	ng/ul	0.00
79) Pyrene-d10	19.22	212	1542589	38.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1584713	41.63	ng/ul	0.00

Target Compounds

					Ovalue
41) 1,1'-Biophenyl	12.88	154	2175231	86.833	ng/ul 98
45) Dimethylphthalate	13.53	163	31659	1.245	ng/ul# 93
50) Acenaphthene	14.12	153	1066731	50.106	ng/ul 98
75) Carbazole	17.22	167	494432	13.003	ng/ul 99
77) Fluoranthene	18.88	202	64630	1.306	ng/ul 98

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

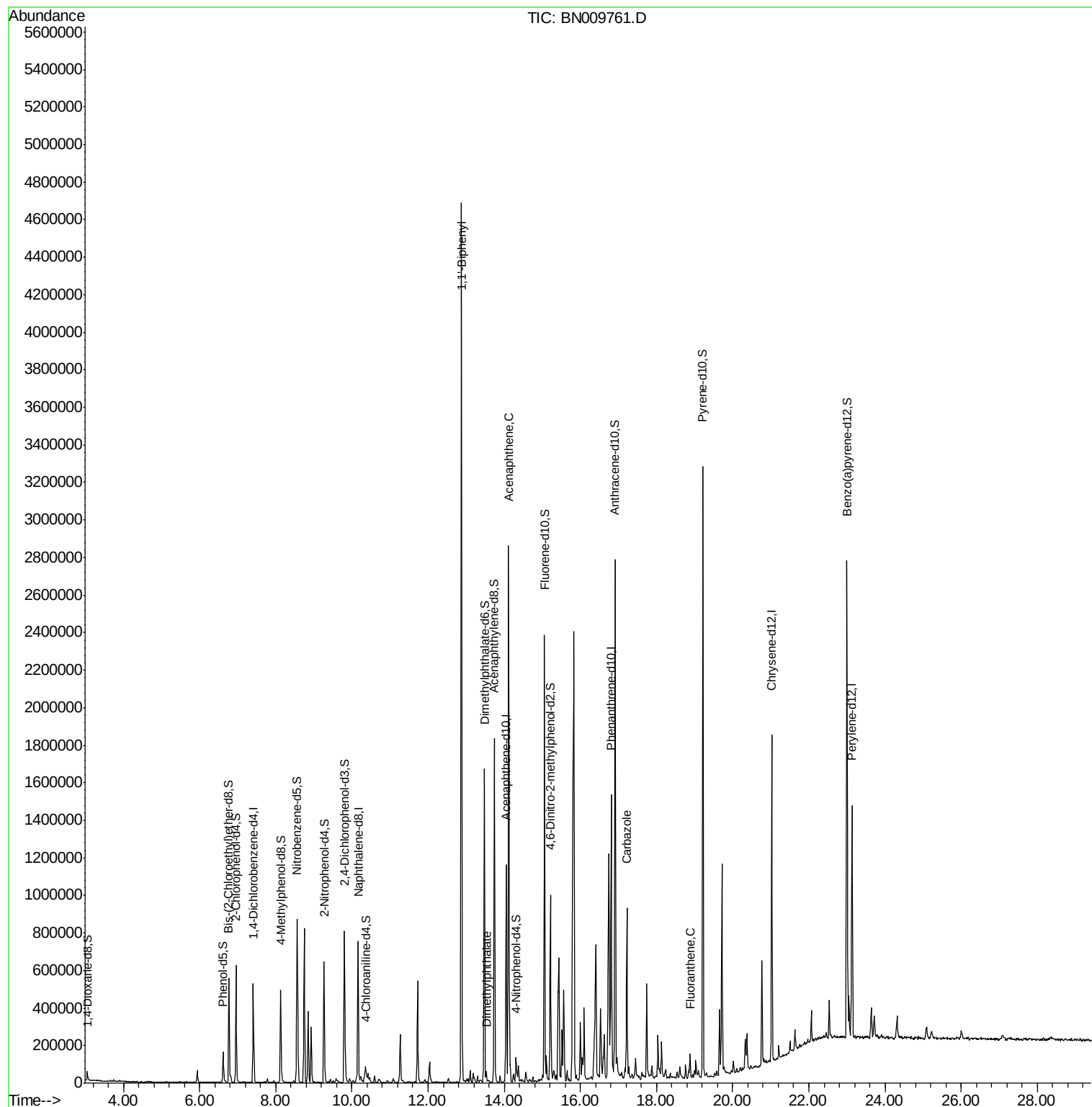
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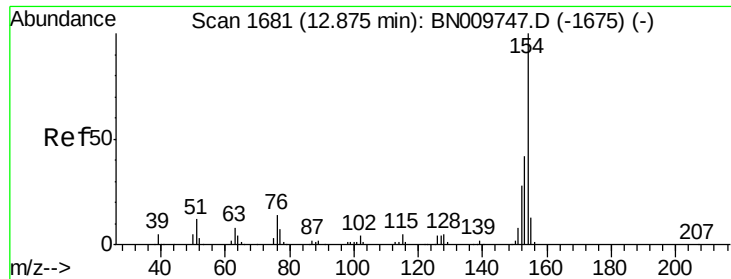
Instrument :
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Quant Time: Feb 19 10:37:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:37:25 2020
Response via : Initial Calibration





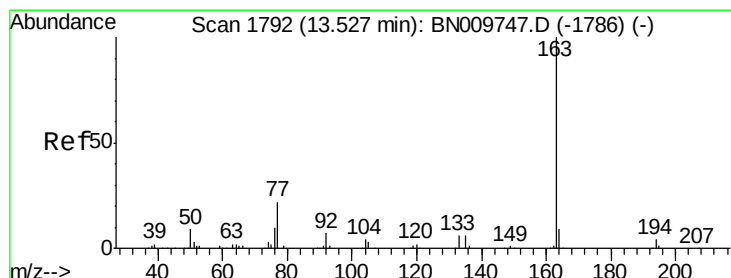
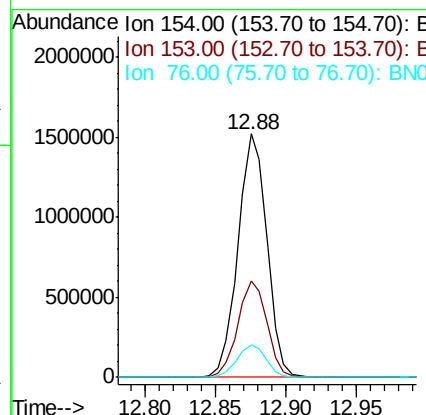
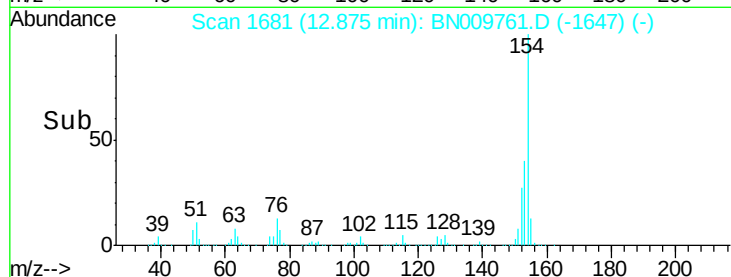
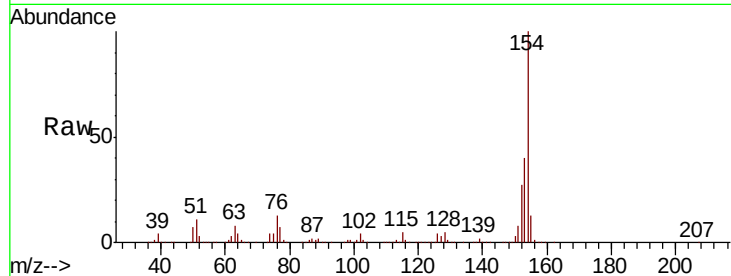
#41
 1,1'-Biphenyl
 Concen: 86.833 ng/ul
 RT: 12.88 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BN009761.D
 Acq: 19 Feb 2020 02:01

Instrument :
 BNA_N
 ClientSampleId :
 DBD66

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	33.2	49.8
76	13.4	11.0	16.4

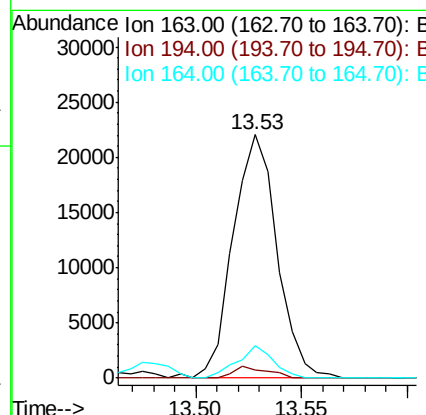
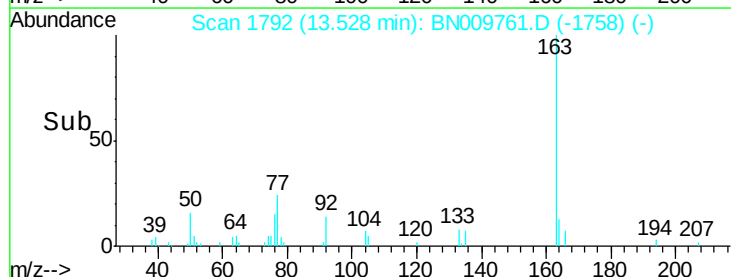
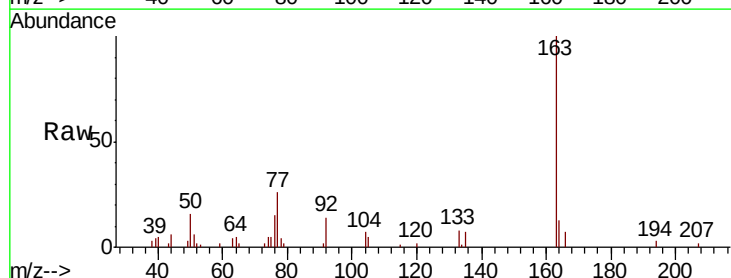
Manual Integrations
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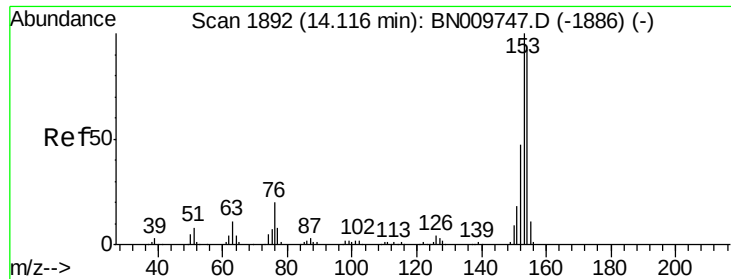
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#45
 Dimethylphthalate
 Concen: 1.245 ng/ul
 RT: 13.53 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BN009761.D
 Acq: 19 Feb 2020 02:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.0#
164	13.2	8.0	12.0#





#50

Acenaphthene

Concen: 50.106 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN009761.D

Acq: 19 Feb 2020 02:01

Instrument :

BNA_N

ClientSampleId :

DBD66

Tot Ion:153 Resp: 1066731

Ion Ratio Lower Upper

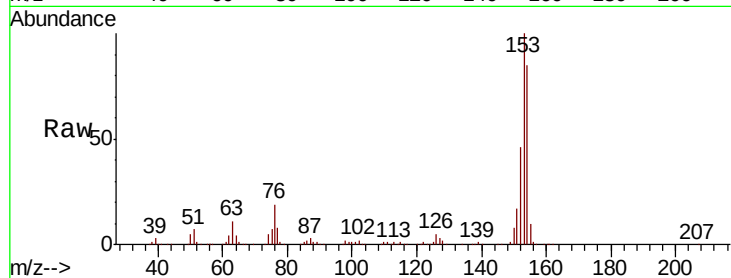
153 100

152 45.8 36.6 54.8

154 84.9 70.6 106.0

Manual Integrations
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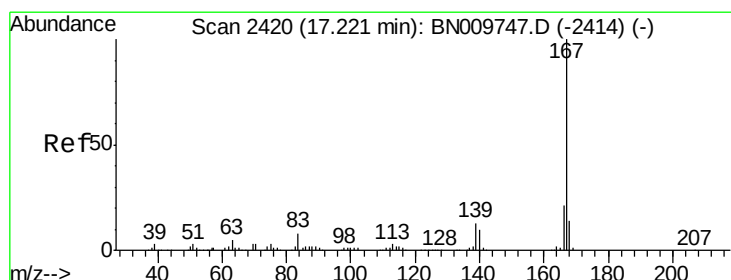
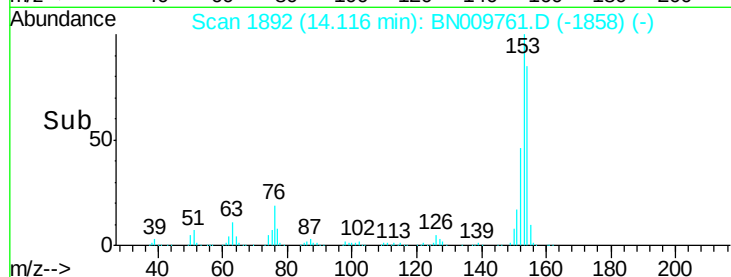
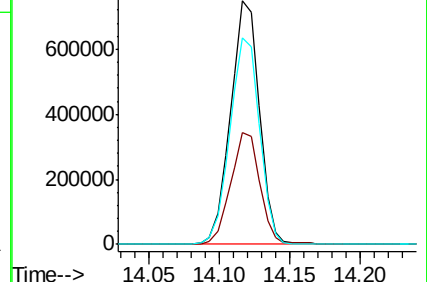
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#75

Carbazole

Concen: 13.003 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN009761.D

Acq: 19 Feb 2020 02:01

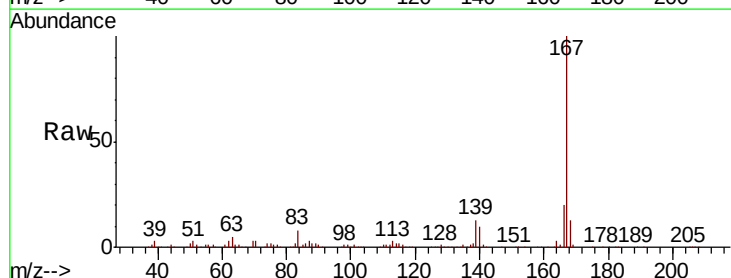
Tgt Ion:167 Resp: 494432

Ion Ratio Lower Upper

167 100

166 20.3 16.6 24.8

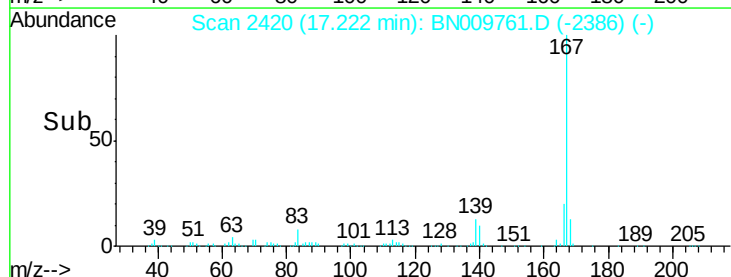
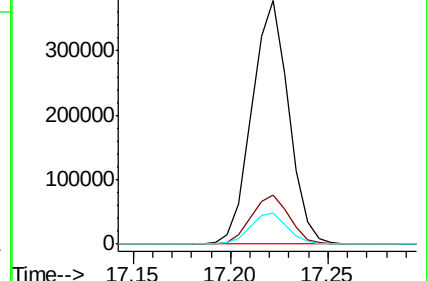
139 12.9 9.9 14.9

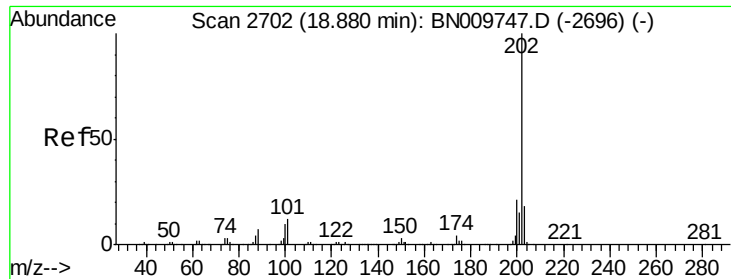


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





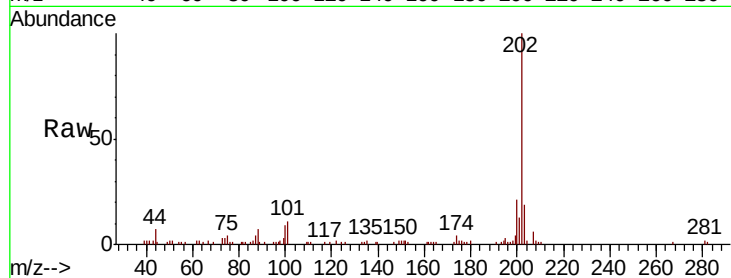
#77
 Fluoranthene
 Concen: 1.306 ng/ul
 RT: 18.88 min Scan# 2702
 Delta R.T. 0.00 min
 Lab File: BN009761.D
 Acq: 19 Feb 2020 02:01

Instrument :
 BNA_N
 ClientSampleId :
 DBD66

Tot Ion:	202	Resp:	64630
Ion Ratio	Lower	Upper	
202	100		
101	10.8	9.4	14.2
100	8.8	7.2	10.8

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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

