

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM024995.D
 Acq On : 21 Feb 2020 20:10
 Operator : CG/JU
 Sample : L1582-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ6

Manual Integrations
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Quant Time: Feb 22 02:09:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 22 01:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	161048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	655450	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.00	164	487428	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1092120	20.00	ng/ul	0.00
78) Chrysene-d12	20.97	240	1189350	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1413714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	22570	6.74	ng/uL	0.00
5) Phenol-d5	6.54	99	80471	7.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	242869	40.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	265982	27.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	161644	17.91	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	171412	36.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	199336	35.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	351877	31.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.26	131	52300	4.95	ng/ul	0.02
44) Dimethylphthalate-d6	13.43	166	1246227	33.87	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1535689	35.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	32563	5.45	ng/ul	0.00
58) Fluorene-d10	15.00	176	1191040	36.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	222344	31.23	ng/ul	0.00
71) Anthracene-d10	16.85	188	1934890	38.81	ng/ul	0.00
79) Pyrene-d10	19.16	212	2315323	38.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.92	264	2690490	37.89	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.15	128	42882413m	1280.472	ng/ul	
34) 2-Methylnaphthalene	11.79	142	12678570	513.946	ng/ul	100
41) 1,1'-Biphenyl	12.82	154	2889568	80.304	ng/ul#	98
45) Dimethylphthalate	13.47	163	66437	1.731	ng/ul	100
48) Acenaphthylene	13.71	152	151102	3.395	ng/ul#	85
50) Acenaphthene	14.07	153	11448182	380.878	ng/ul	98
54) Dibenzofuran	14.41	168	9725999	217.074	ng/ul	98
59) Fluorene	15.06	166	7030538	190.394	ng/ul	98
70) Phenanthrene	16.80	178	12017282	201.810	ng/ul	97
72) Anthracene	16.89	178	366115	6.062	ng/ul	99
75) Carbazole	17.16	167	5139261	102.148	ng/ul	99
77) Fluoranthene	18.82	202	894107	12.231	ng/ul	97
80) Pyrene	19.19	202	471399	5.988	ng/ul#	95

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

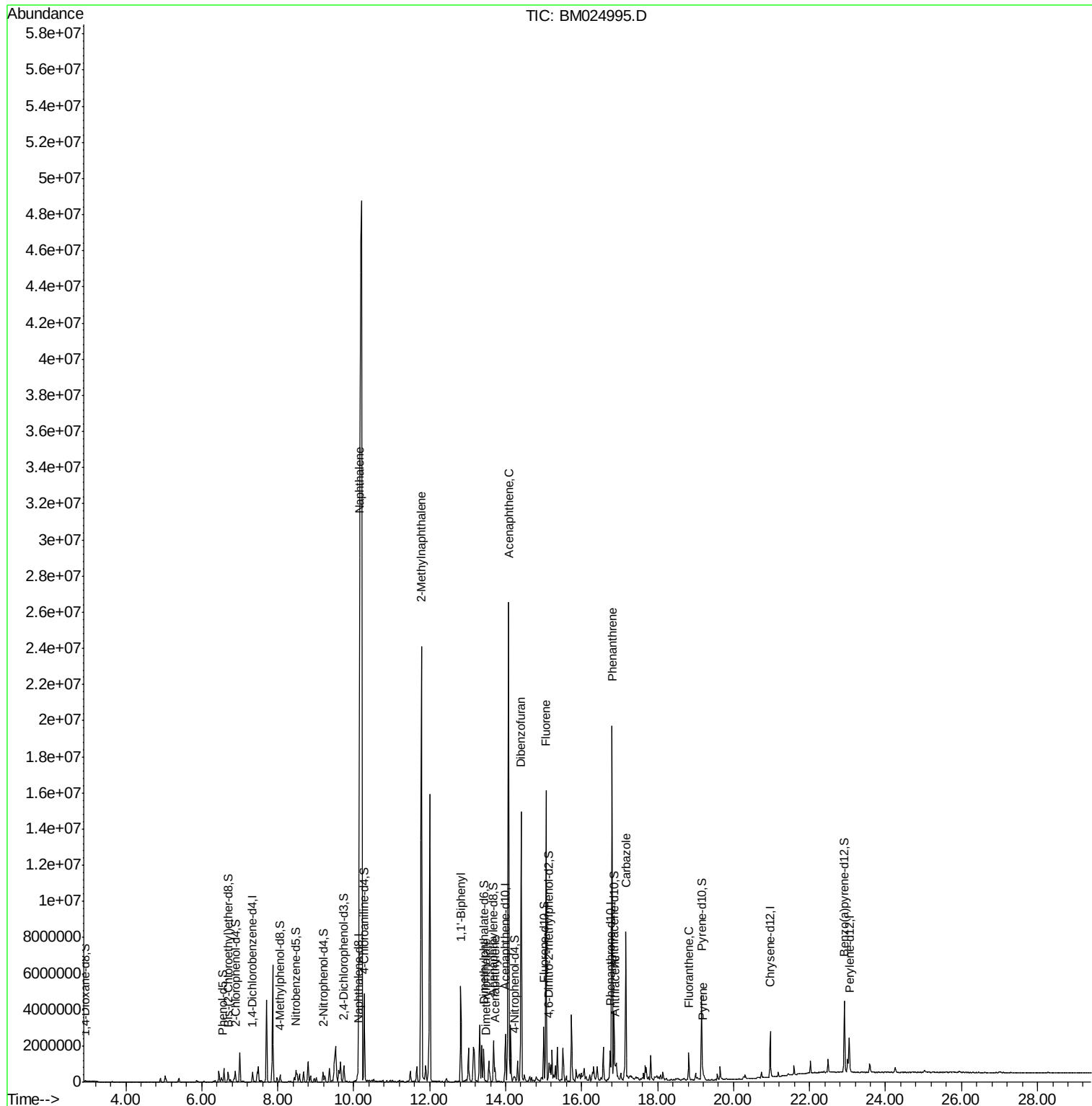
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024995.D
Acq On : 21 Feb 2020 20:10
Operator : CG/JU
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ALS Vial : 8 Sample Multiplier: 1

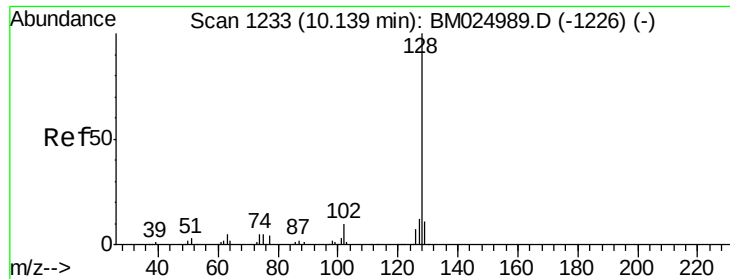
Instrument :
BNA_M
ClientSampleId :
DBDJ6

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Quant Time: Feb 22 02:09:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





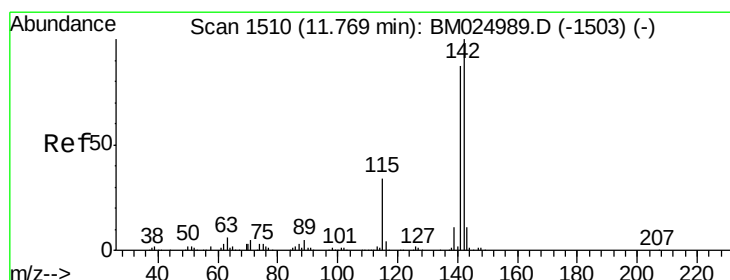
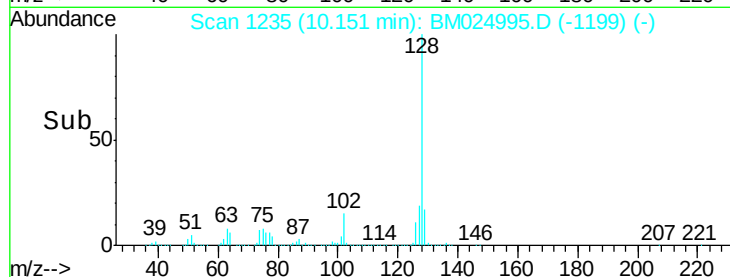
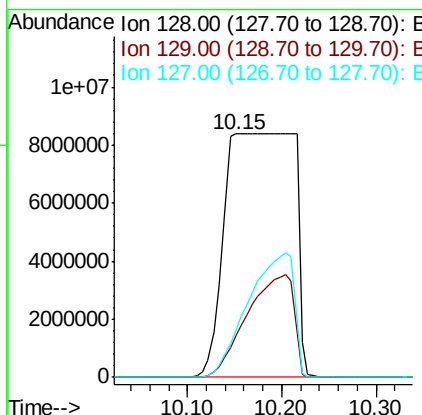
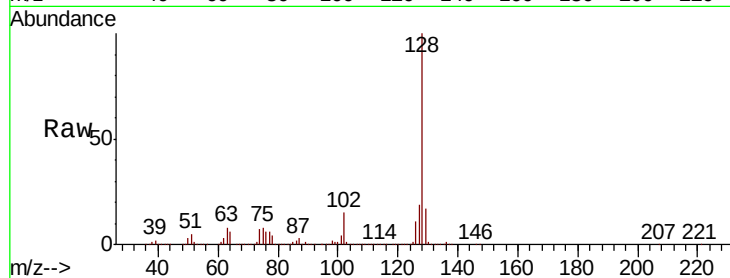
#28
Naphthalene
Concen: 1280.472 ng/ul m
RT: 10.15 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BM024995.D
Acq: 21 Feb 2020 20:10

Instrument :
BNA_M
ClientSampleId :
DBDJ6

Tot Ion:128 Resp:42882413
Ion Ratio Lower Upper
128 100
129 17.0 9.1 13.7#
127 19.3 10.4 15.6#

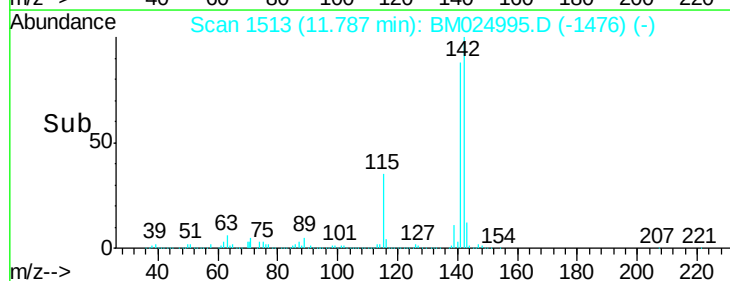
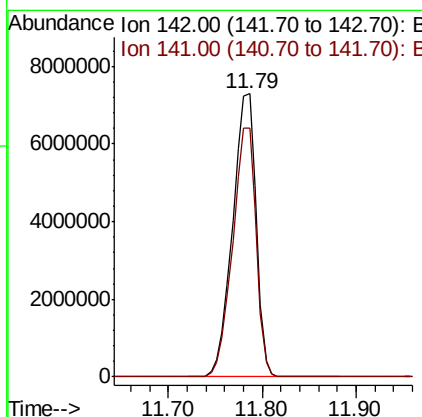
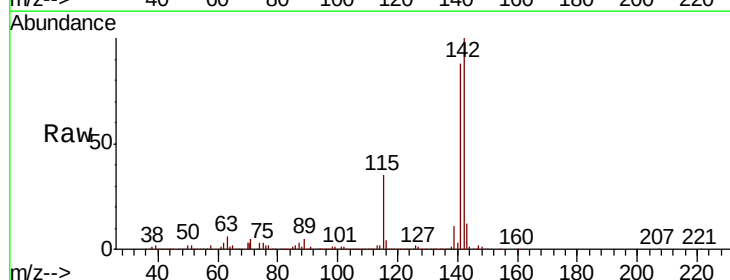
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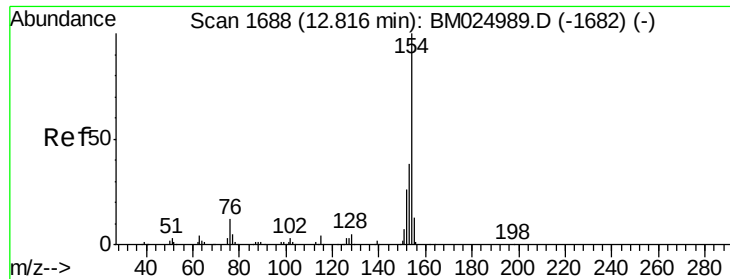
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#34
2-Methylnaphthalene
Concen: 513.946 ng/ul
RT: 11.79 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BM024995.D
Acq: 21 Feb 2020 20:10

Tgt Ion:142 Resp:12678570
Ion Ratio Lower Upper
142 100
141 88.0 70.5 105.7





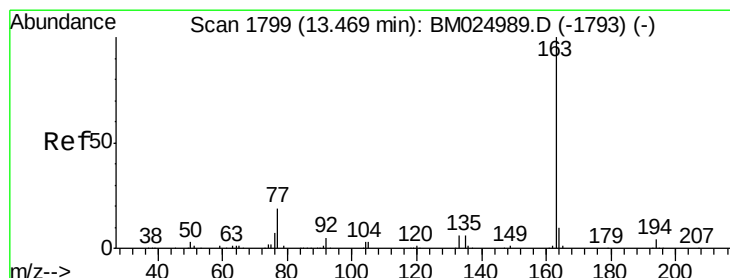
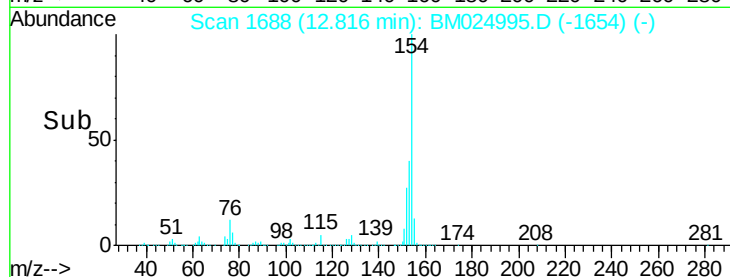
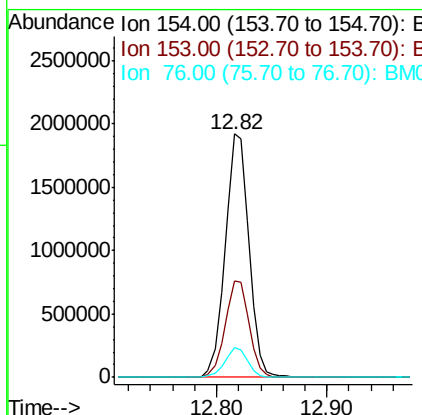
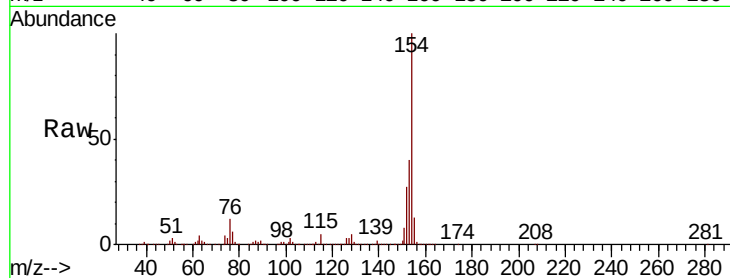
#41
 1,1'-Biphenyl
 Concen: 80.304 ng/ul
 RT: 12.82 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BM024995.D
 Acq: 21 Feb 2020 20:10

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ6

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	31.4	47.2
76	12.1	7.5	11.3

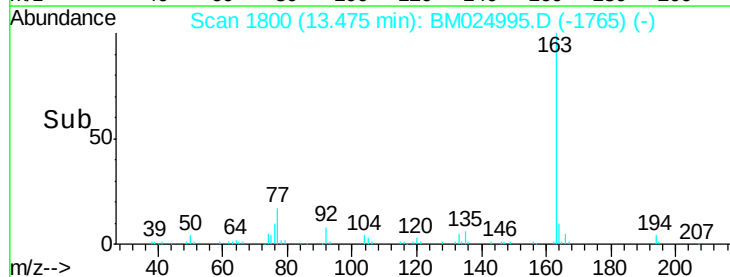
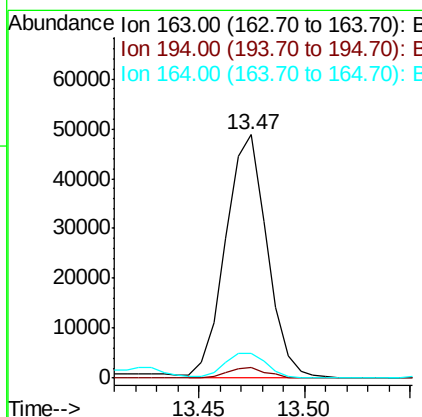
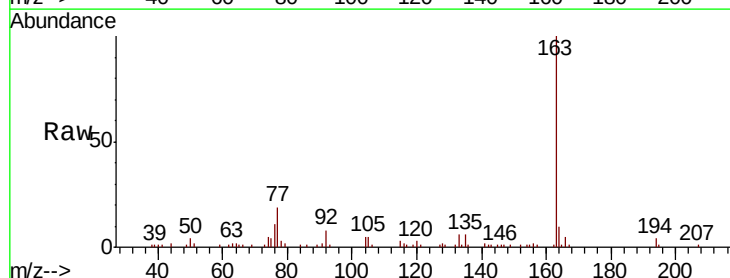
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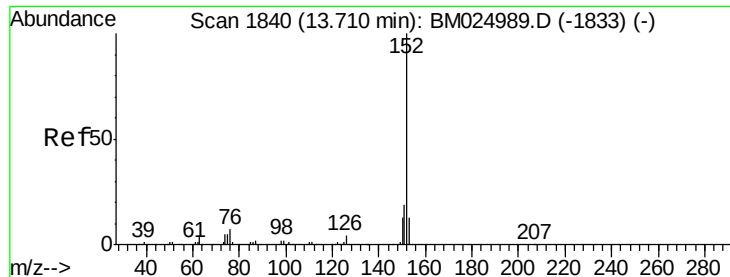
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#45
 Dimethylphthalate
 Concen: 1.731 ng/ul
 RT: 13.47 min Scan# 1800
 Delta R.T. 0.01 min
 Lab File: BM024995.D
 Acq: 21 Feb 2020 20:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	8.2	12.2





#48

Acenaphthylene

Concen: 3.395 ng/ul

RT: 13.71 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM024995.D

Acq: 21 Feb 2020 20:10

Instrument :

BNA_M

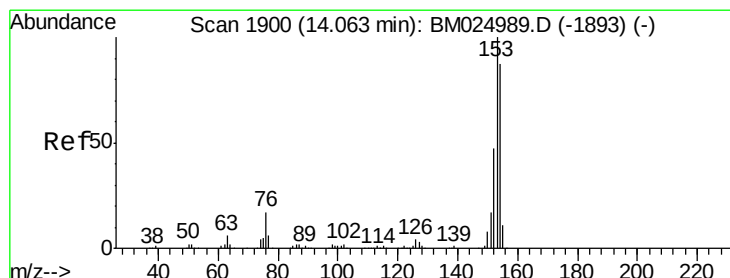
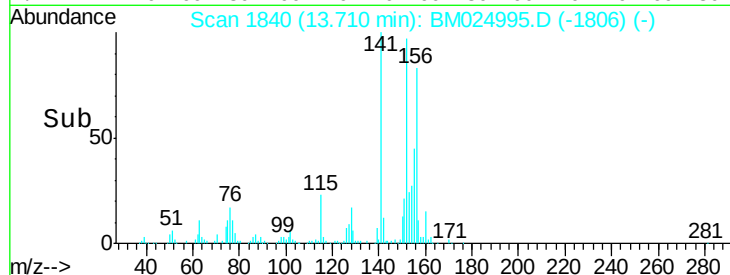
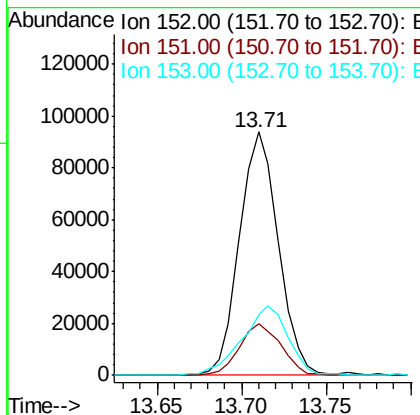
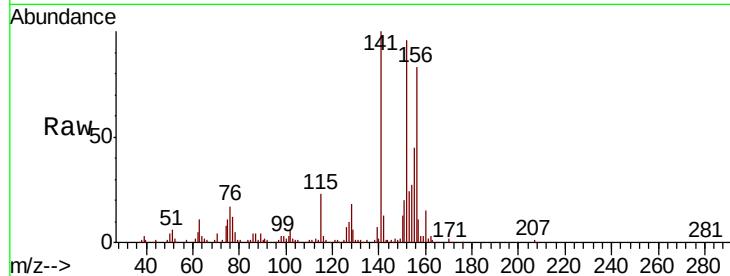
ClientSampleId :

DBDJ6

Tot Ion:	152	Resp:	151102
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.1	22.7
153	24.9	10.1	15.1#

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#50

Acenaphthene

Concen: 380.878 ng/ul

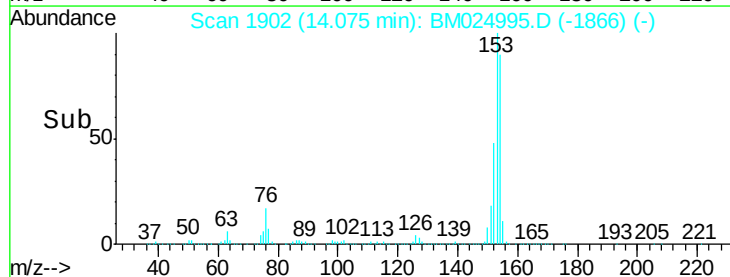
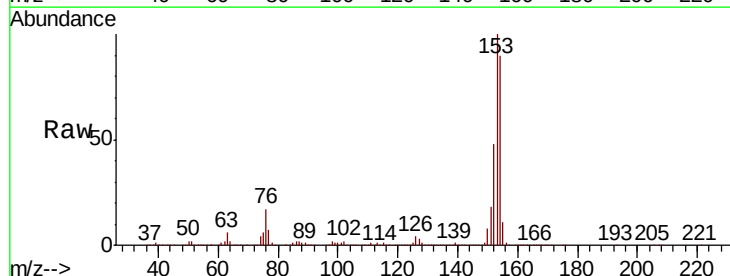
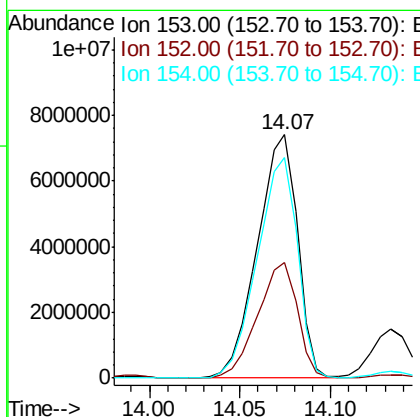
RT: 14.07 min Scan# 1902

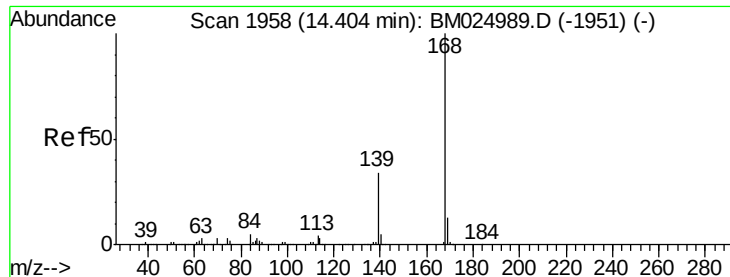
Delta R.T. 0.01 min

Lab File: BM024995.D

Acq: 21 Feb 2020 20:10

Tgt Ion:	153	Resp:	11448182
Ion Ratio	Lower	Upper	
153	100		
152	47.7	37.3	55.9
154	90.4	74.1	111.1





#54

Dibenzenofuran

Concen: 217.074 ng/ul

RT: 14.41 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM024995.D

Acq: 21 Feb 2020 20:10

Instrument :

BNA_M

ClientSampleId :

DBDJ6

Tot Ion:168 Resp: 9725999

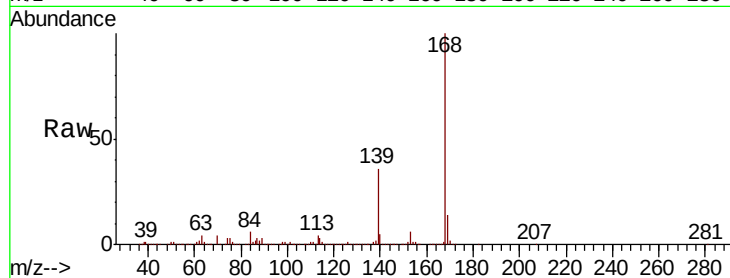
Ion Ratio Lower Upper

168 100

139 35.8 27.8 41.8

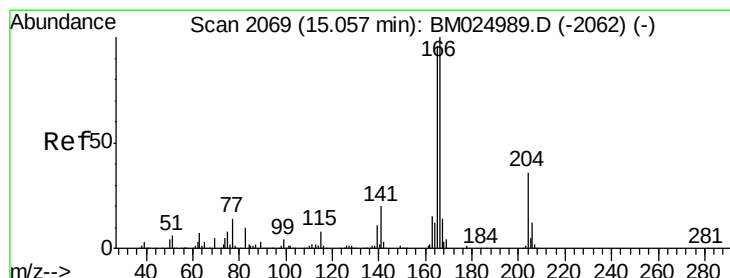
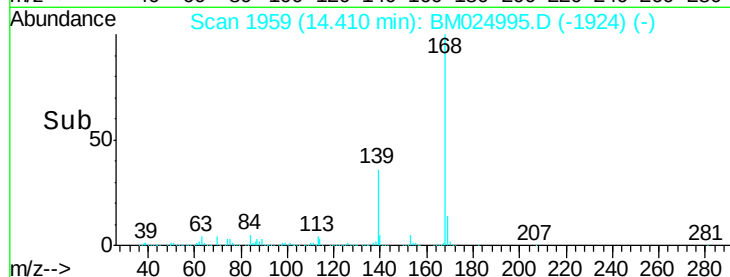
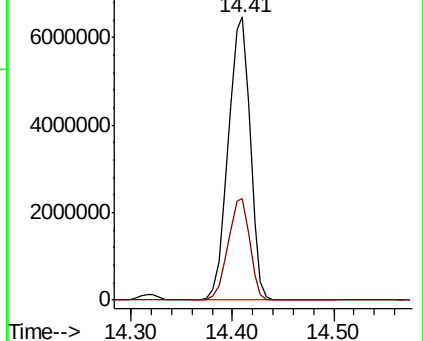
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 190.394 ng/ul

RT: 15.06 min Scan# 2070

Delta R.T. 0.01 min

Lab File: BM024995.D

Acq: 21 Feb 2020 20:10

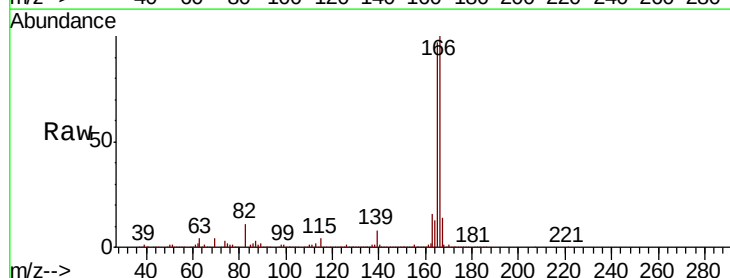
Tgt Ion:166 Resp: 7030538

Ion Ratio Lower Upper

166 100

165 97.4 75.8 113.8

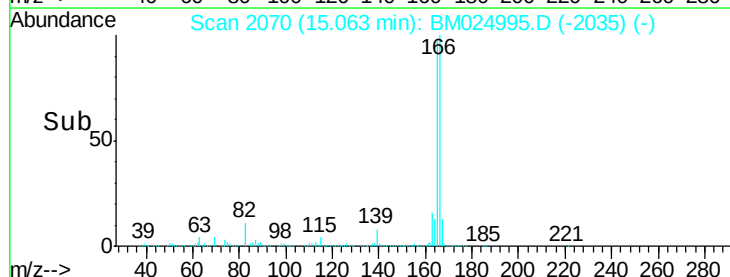
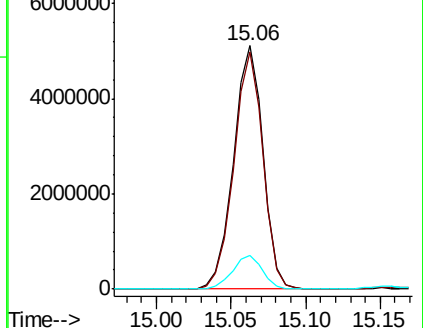
167 13.7 10.6 16.0

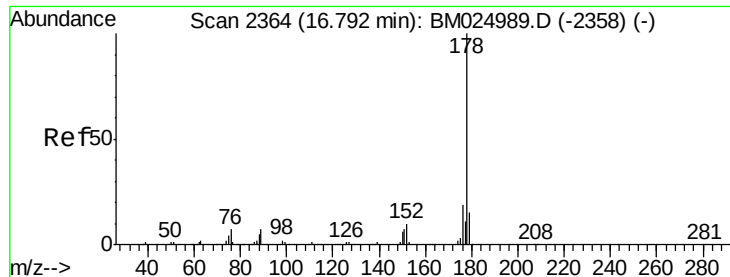


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





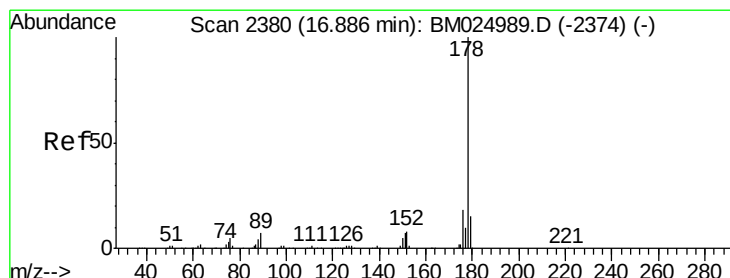
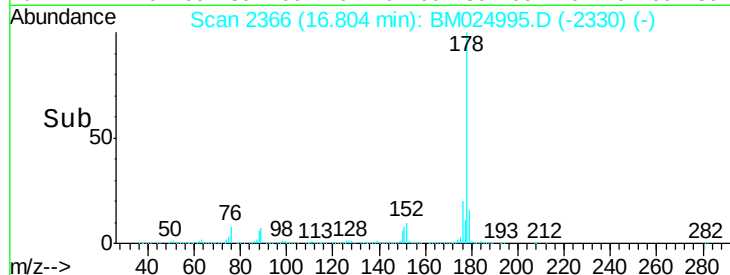
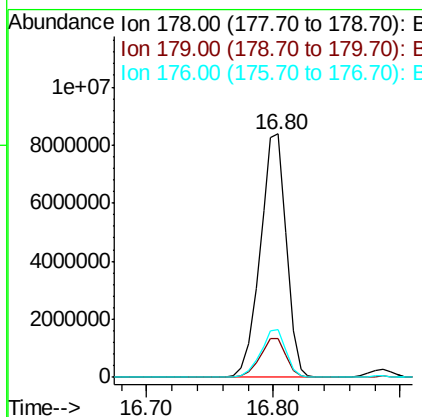
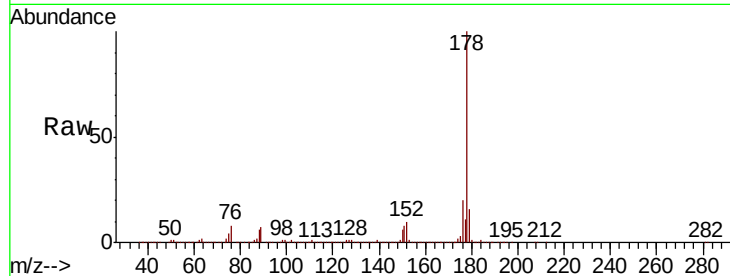
#70
Phenanthrene
Concen: 201.810 ng/ul
RT: 16.80 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BM024995.D
Acq: 21 Feb 2020 20:10

Instrument :
BNA_M
ClientSampleId :
DBDJ6

Tot Ion:178 Resp:12017282
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.2
176 19.5 14.5 21.7

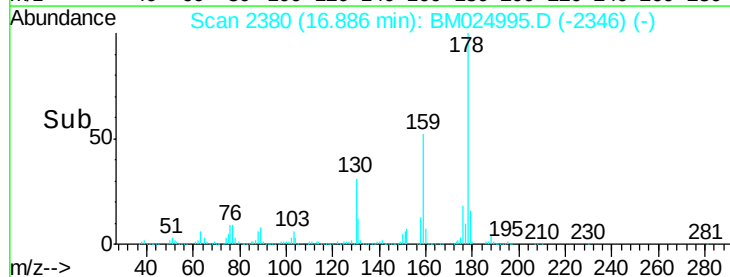
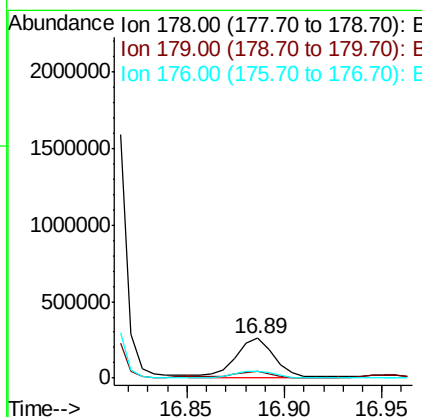
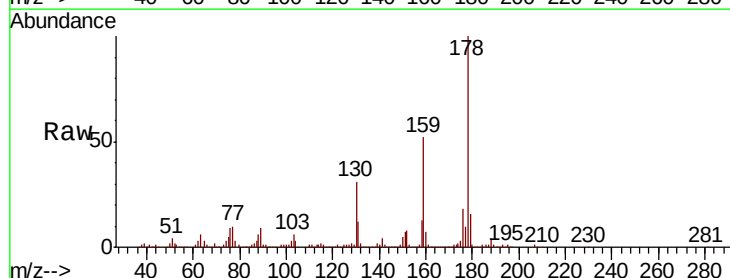
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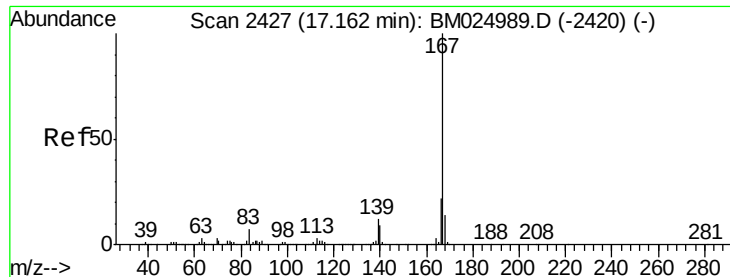
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#72
Anthracene
Concen: 6.062 ng/ul
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024995.D
Acq: 21 Feb 2020 20:10

Tgt Ion:178 Resp: 366115
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.0 14.1 21.1





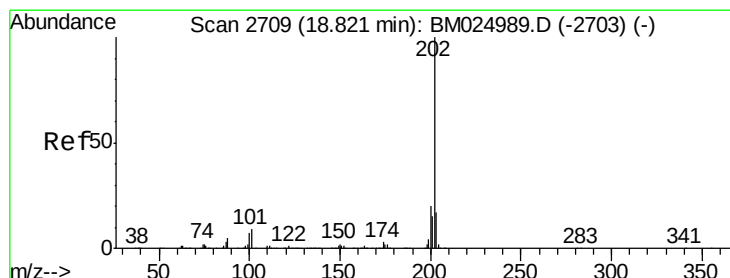
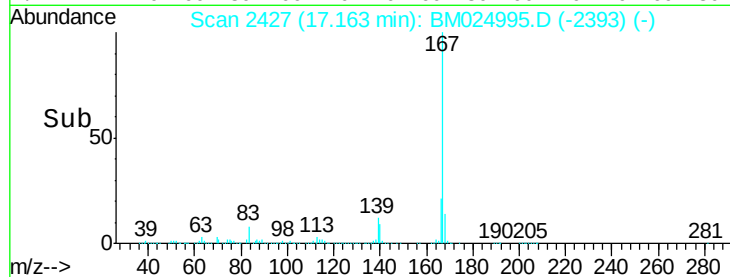
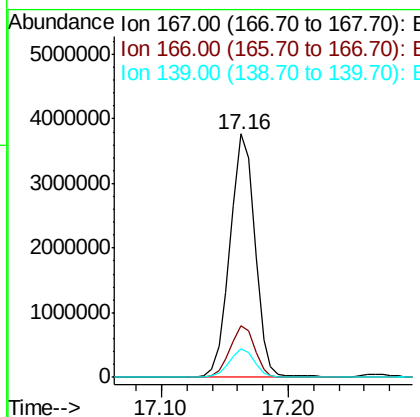
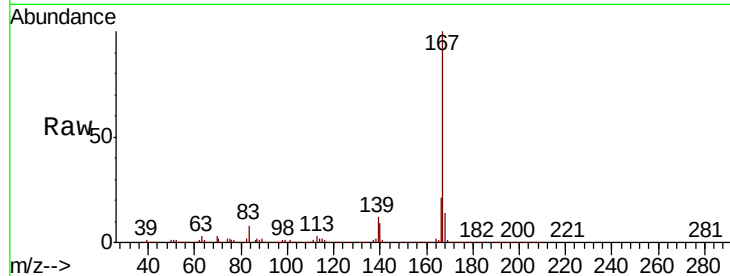
#75
 Carbazole
 Concen: 102.148 ng/ul
 RT: 17.16 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BM024995.D
 Acq: 21 Feb 2020 20:10

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ6

Tot Ion:	167	Resp:	5139261
Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.6	24.8
139	11.9	9.3	13.9

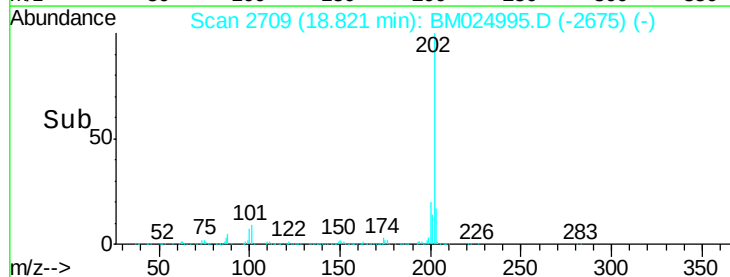
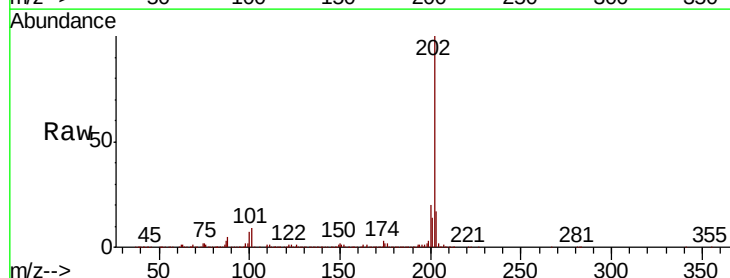
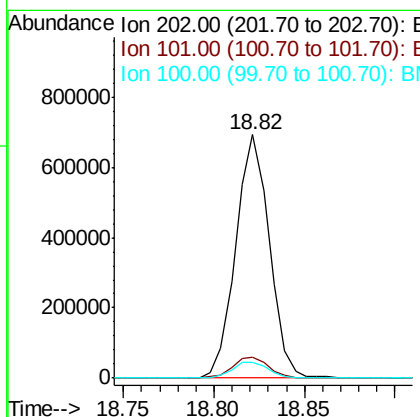
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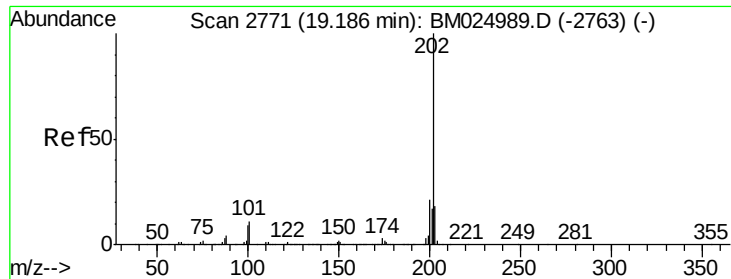
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#77
 Fluoranthene
 Concen: 12.231 ng/ul
 RT: 18.82 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BM024995.D
 Acq: 21 Feb 2020 20:10

Tgt Ion:	202	Resp:	894107
Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.1	9.1
100	6.7	4.8	7.2





#80
 Pvrene
 Concen: 5.988 ng/ul
 RT: 19.19 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BM024995.D
 Acq: 21 Feb 2020 20:10

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ6

Tot Ion:	202	Resp:	471399
Ion Ratio	Lower	Upper	
202	100		
101	10.7	7.0	10.4#
100	8.9	5.8	8.8#

Manual Integrations
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