

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM024996.D
 Acq On : 21 Feb 2020 20:46
 Operator : CG/JU
 Sample : L1582-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ7

Manual Integrations
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Quant Time: Feb 24 10:16:58 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	177936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	655443m	20.00	ng/ul	0.07
36) Acenaphthene-d10	14.00	164	535878	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1185540	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1268970	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1500583	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	24776	6.70	ng/uL	0.00
5) Phenol-d5	6.55	99	87951	7.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	252506	37.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	286739	27.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	172770	17.32	ng/ul	0.00
19) Nitrobenzene-d5	8.49	128	194283	40.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	215947	38.56	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.77	165	372499	32.97	ng/ul	0.05
29) 4-Chloroaniline-d4	10.26	131	11010m	1.04	ng/ul	0.02
44) Dimethylphthalate-d6	13.43	166	1323060	32.71	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1652321	34.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	26230	3.99	ng/ul	0.00
58) Fluorene-d10	15.00	176	1251165	34.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	229411	29.69	ng/ul	0.00
71) Anthracene-d10	16.85	188	2005334	37.05	ng/ul	0.00
79) Pyrene-d10	19.16	212	2331840	36.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.92	264	2756449	36.57	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.15	128	77067435m	2301.264	ng/ul	
34) 2-Methylnaphthalene	11.79	142	24324094m	986.026	ng/ul	
41) 1,1'-Biphenyl	12.82	154	6613556	167.179	ng/ul#	97
48) Acenaphthylene	13.71	152	396145	8.096	ng/ul#	93
50) Acenaphthene	14.07	153	17539155	530.765	ng/ul	90
54) Dibenzofuran	14.41	168	15759975	319.944	ng/ul#	82
59) Fluorene	15.07	166	10336867	254.624	ng/ul	98
70) Phenanthrene	16.80	178	12705813	196.559	ng/ul	96
72) Anthracene	16.89	178	437375	6.672	ng/ul	98
75) Carbazole	17.17	167	17978379m	329.180	ng/ul	
77) Fluoranthene	18.82	202	1146753	14.451	ng/ul	96
80) Pyrene	19.19	202	702264	8.361	ng/ul#	96

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

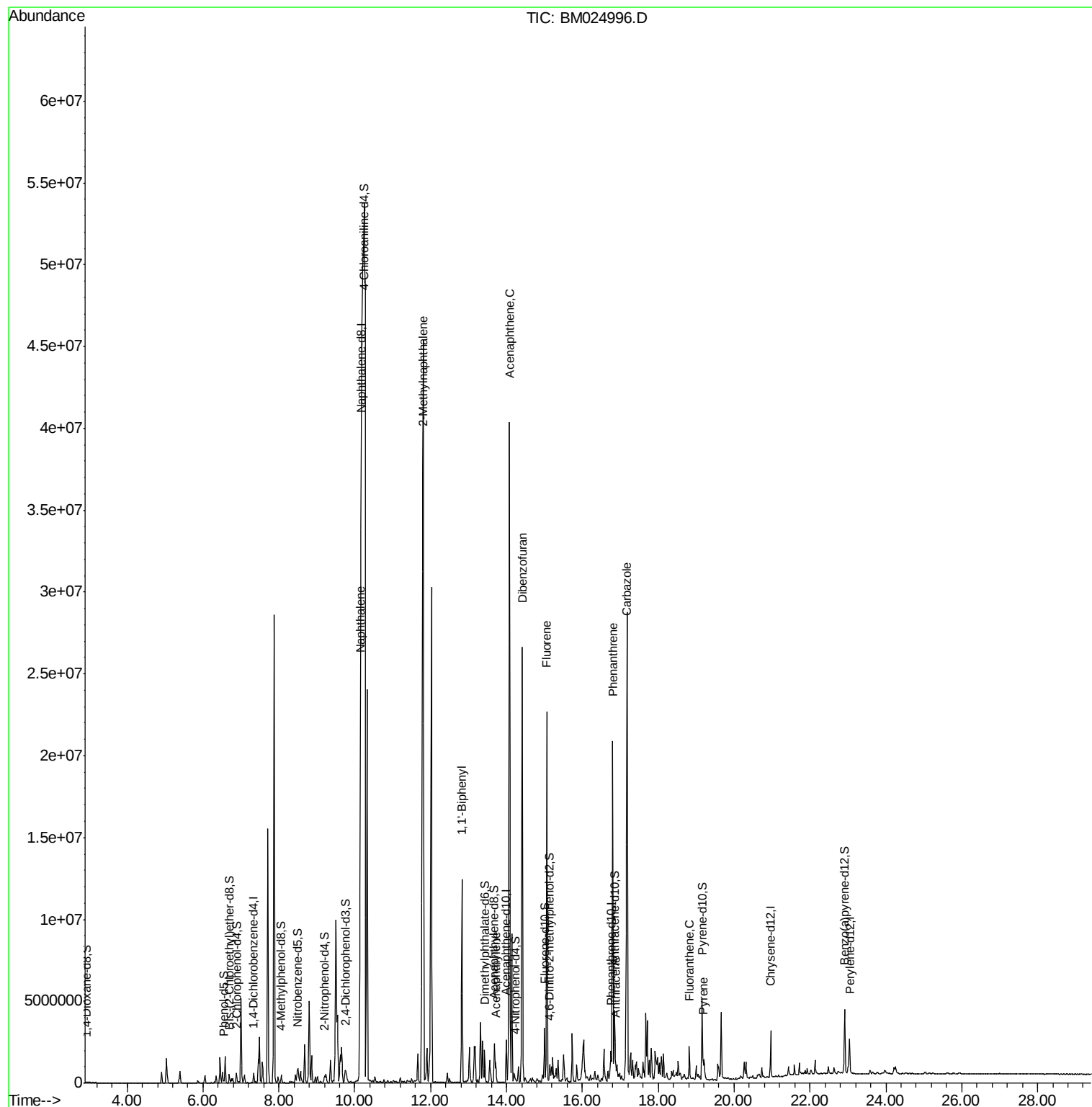
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

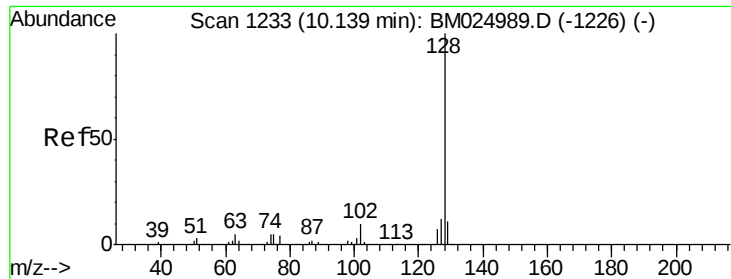
Instrument :
BNA_M
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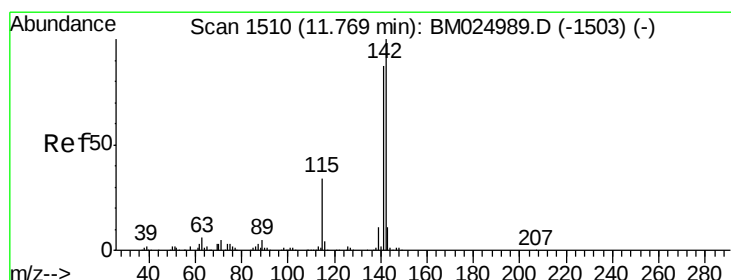
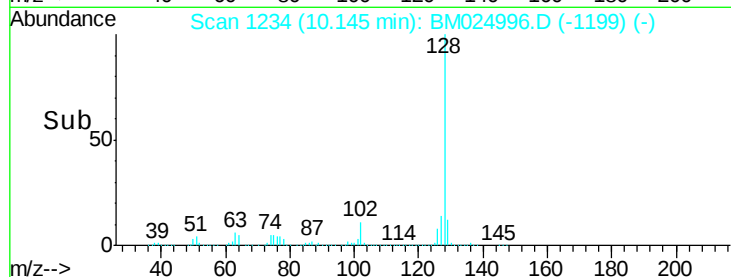
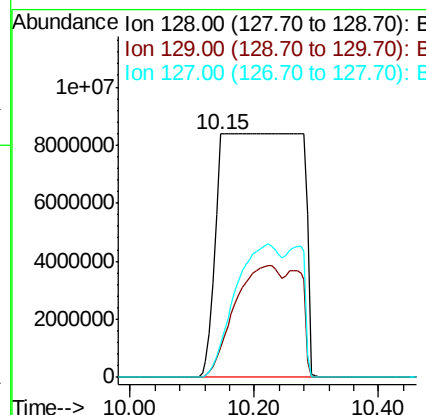
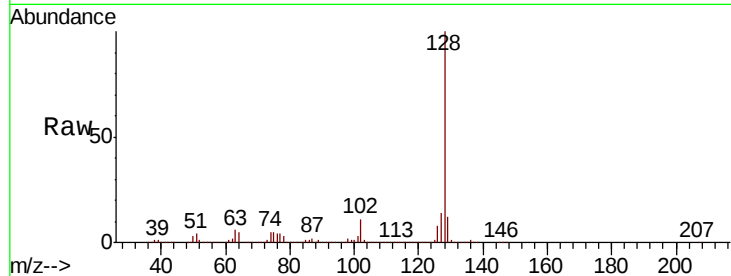
#28
Naphthalene
Concen: 2301.264 ng/ul m
RT: 10.15 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BM024996.D
Acq: 21 Feb 2020 20:46

Instrument :
BNA_M
ClientSampled :
DBDJ7

Tot Ion:128 Resp:77067435
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.9 10.4 15.6

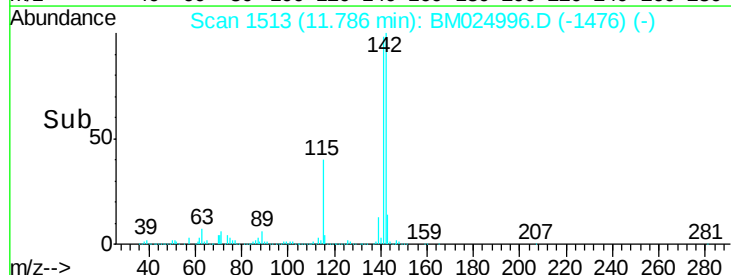
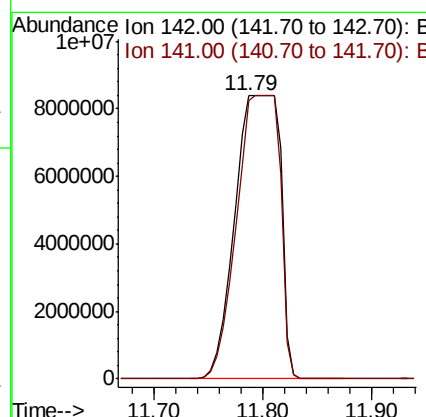
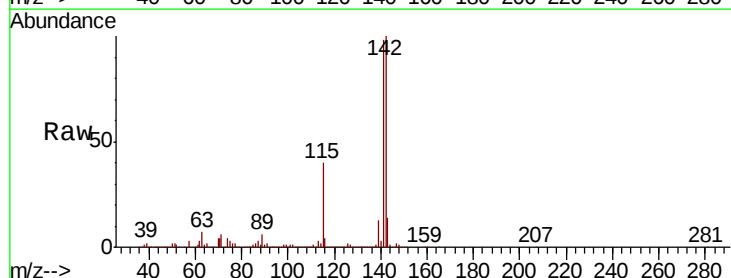
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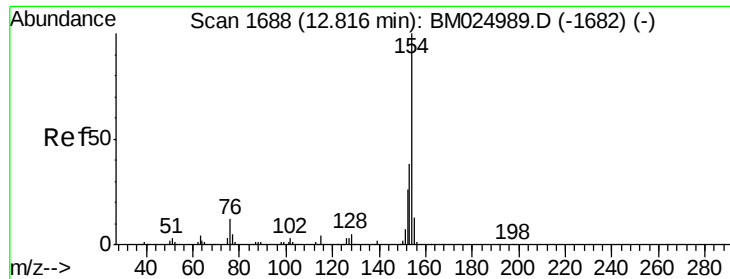
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#34
2-Methylnaphthalene
Concen: 986.026 ng/ul m
RT: 11.79 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BM024996.D
Acq: 21 Feb 2020 20:46

Tgt Ion:142 Resp:24324094
Ion Ratio Lower Upper
142 100
141 98.4 70.5 105.7





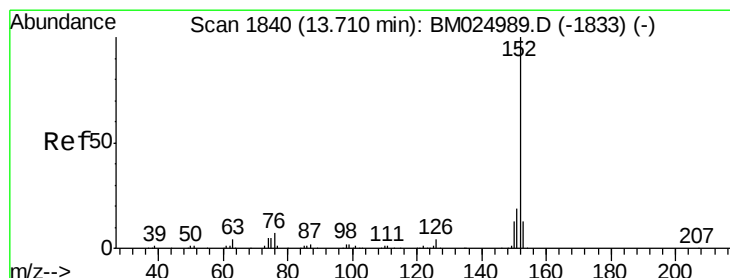
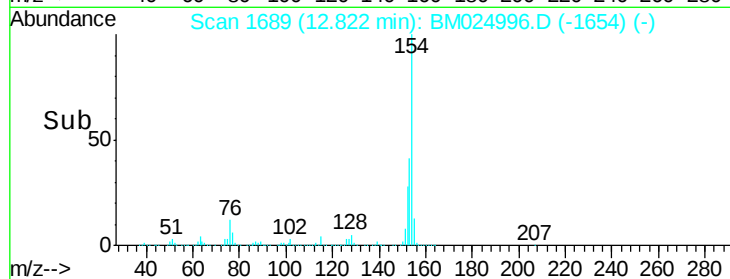
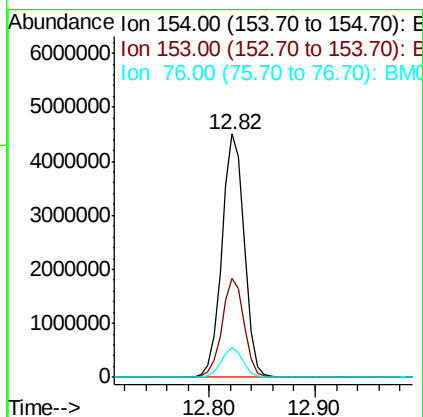
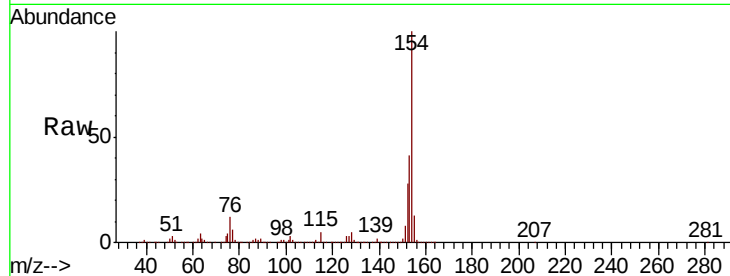
#41
 1,1'-Biphenyl
 Concen: 167.179 ng/ul
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ7

Tot Ion:154 Resp: 6613556
 Ion Ratio Lower Upper
 154 100
 153 40.7 31.4 47.2
 76 12.4 7.5 11.3#

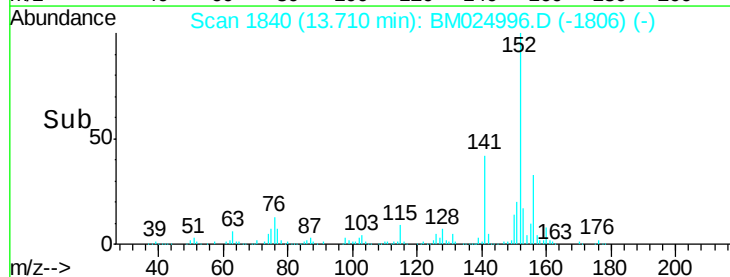
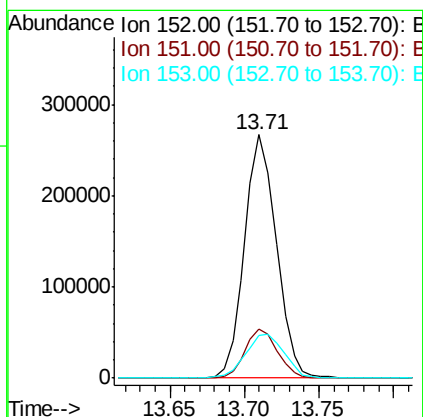
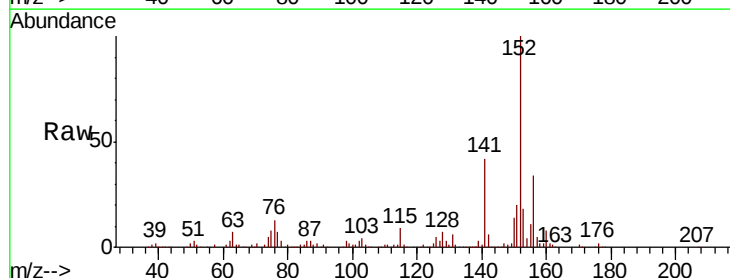
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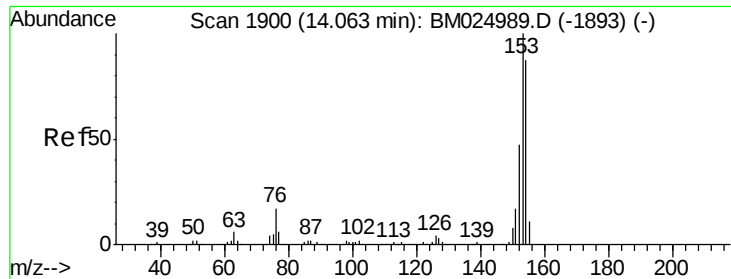
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#48
 Acenaphthylene
 Concen: 8.096 ng/ul
 RT: 13.71 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

Tgt Ion:152 Resp: 396145
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.1 22.7
 153 17.5 10.1 15.1#





#50

Acenaphthene

Concen: 530.765 ng/ul

RT: 14.07 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BM024996.D

Acq: 21 Feb 2020 20:46

Instrument :

BNA_M

ClientSampleId :

DBDJ7

Tot Ion:153 Resp:17539155

Ion Ratio Lower Upper

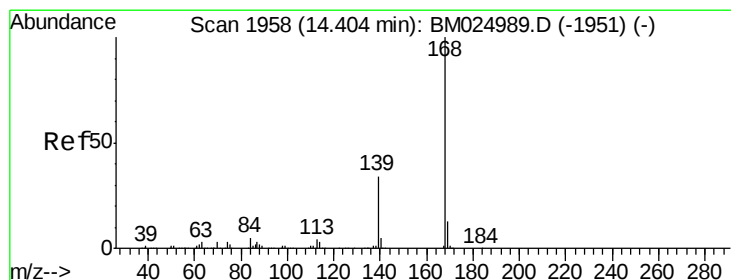
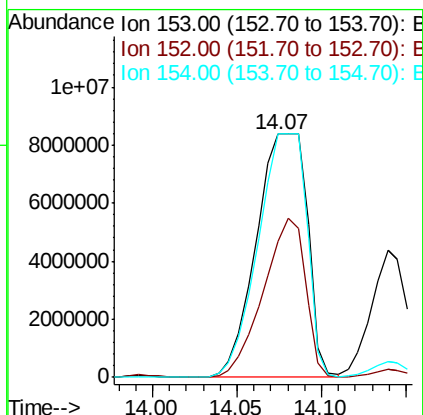
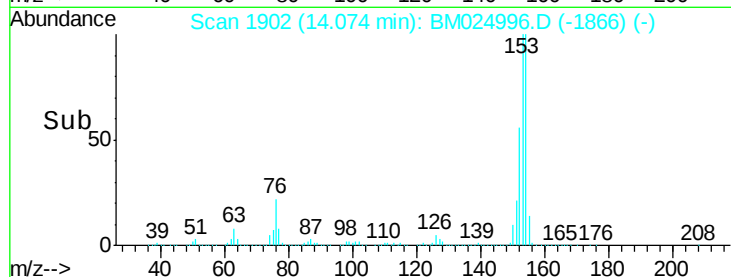
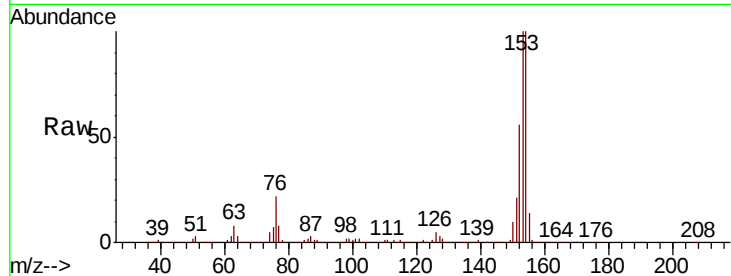
153 100

152 55.8 37.3 55.9

154 100.0 74.1 111.1

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#54

Dibenzofuran

Concen: 319.944 ng/ul

RT: 14.41 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM024996.D

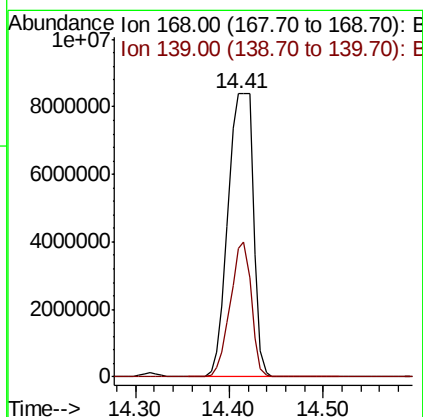
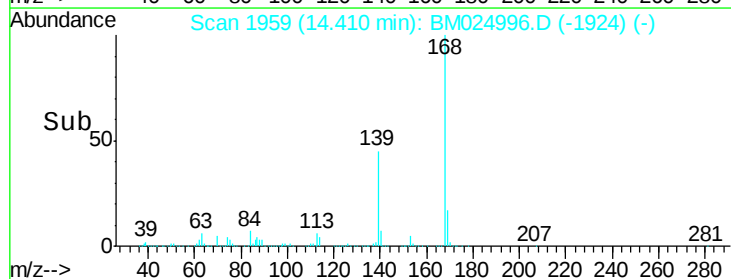
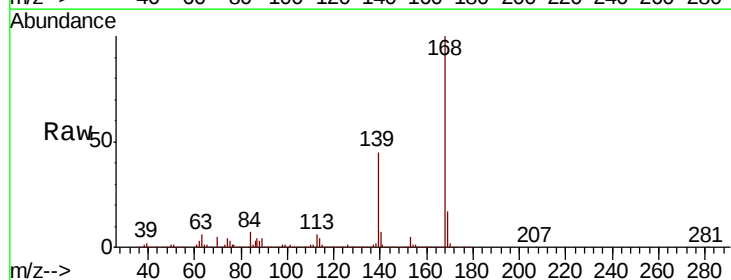
Acq: 21 Feb 2020 20:46

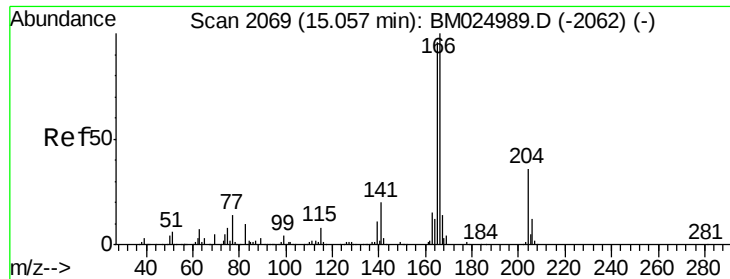
Tgt Ion:168 Resp:15759975

Ion Ratio Lower Upper

168 100

139 45.2 27.8 41.8#





#59
Fluorene
 Concen: 254.624 ng/ul
 RT: 15.07 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

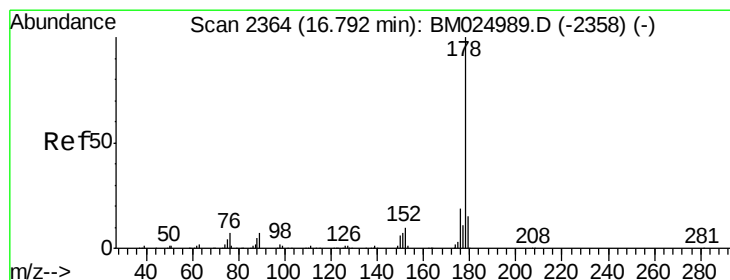
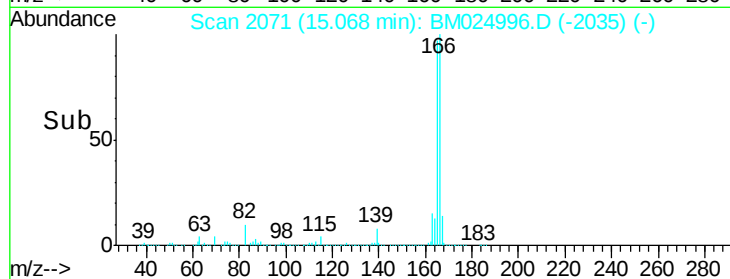
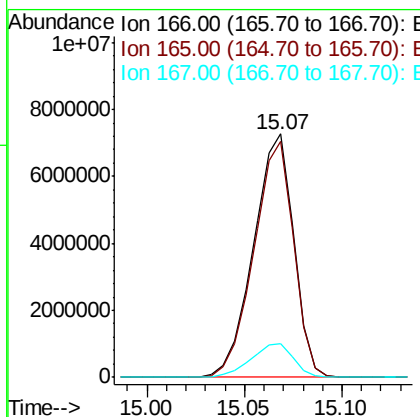
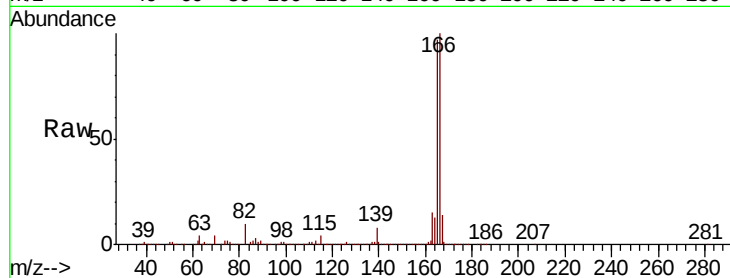
Instrument :
 BNA_M
 ClientSampleId :
 DBDJ7

Tot Ion:166 Resp:10336867

Ion	Ratio	Lower	Upper
166	100		
165	96.8	75.8	113.8
167	13.8	10.6	16.0

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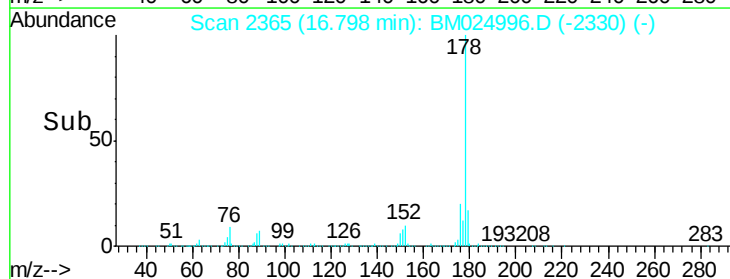
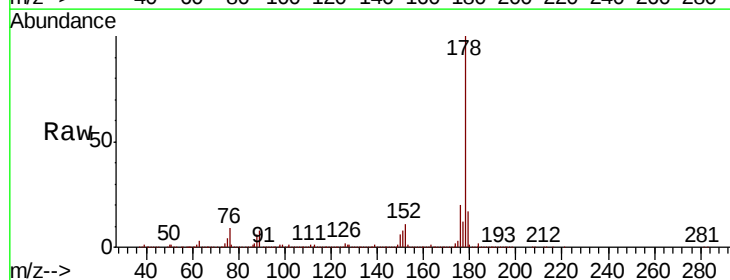
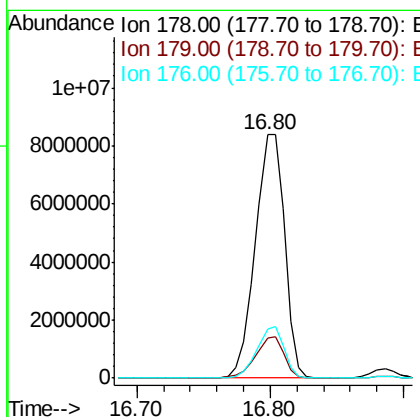
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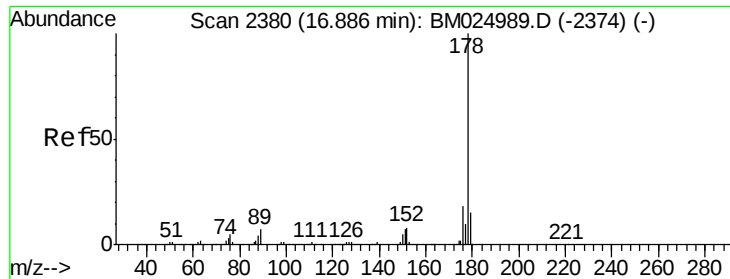


#70
Phenanthrene
 Concen: 196.559 ng/ul
 RT: 16.80 min Scan# 2365
 Delta R.T. 0.01 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

Tgt Ion:178 Resp:12705813

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.2
176	19.9	14.5	21.7





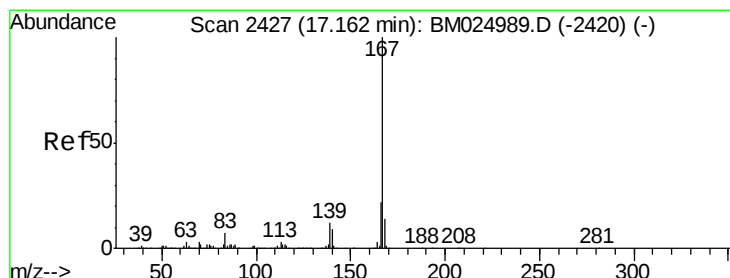
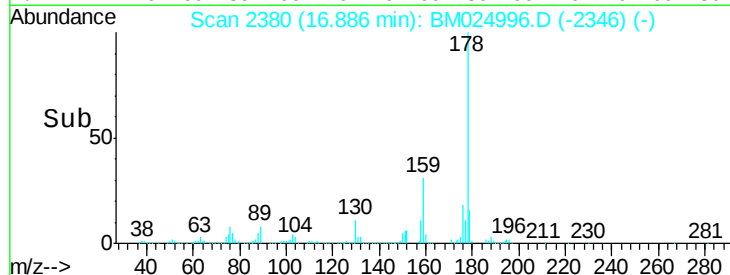
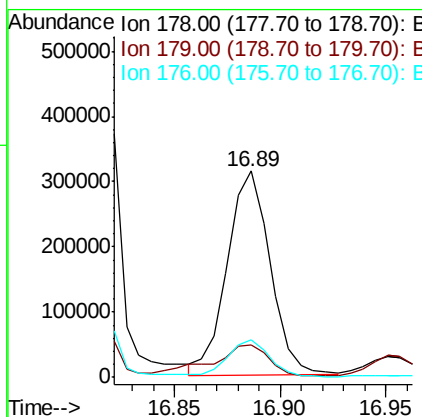
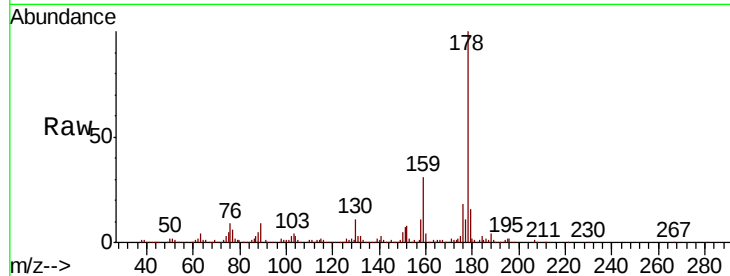
#72
 Anthracene
 Concen: 6.672 ng/ul
 RT: 16.89 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.3	14.1	21.1

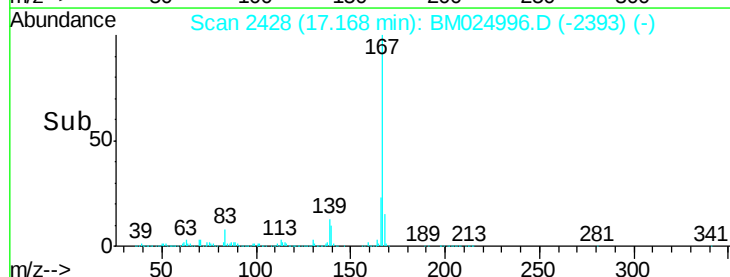
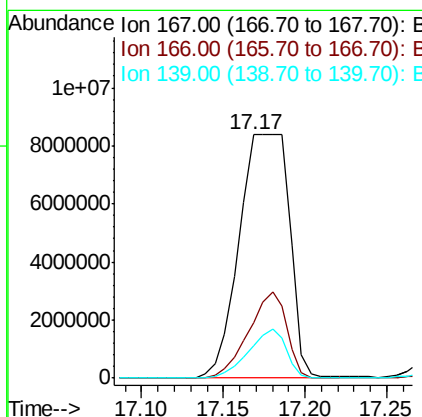
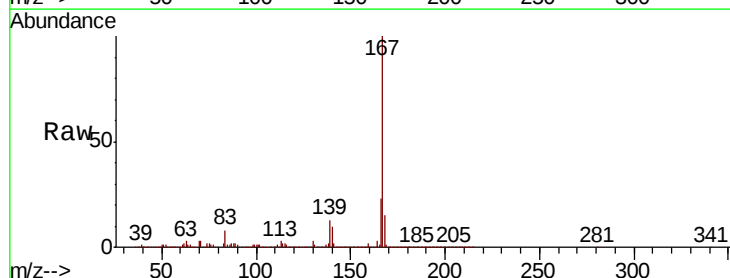
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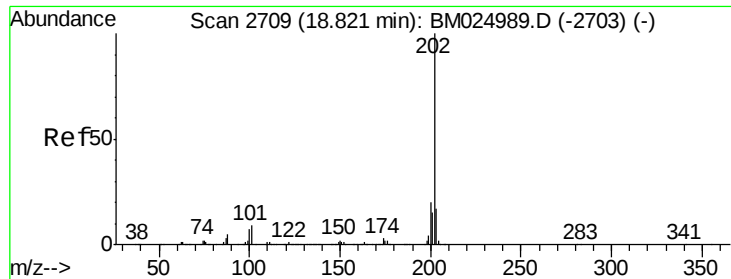
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#75
 Carbazole
 Concen: 329.180 ng/ul m
 RT: 17.17 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	16.6	24.8
139	13.2	9.3	13.9





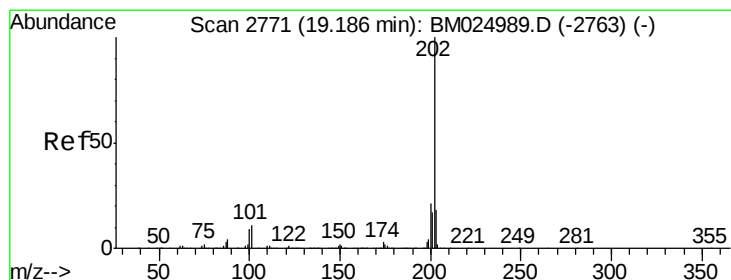
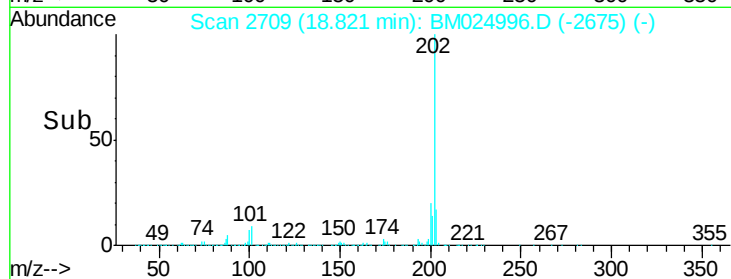
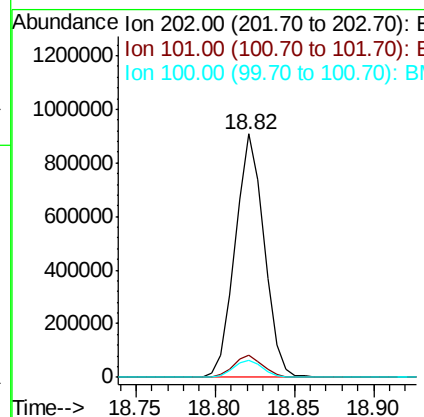
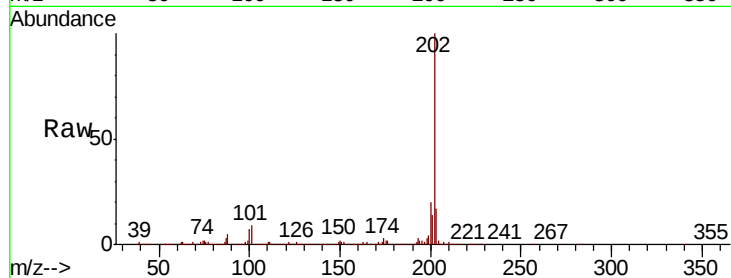
#77
Fluoranthene
 Concen: 14.451 ng/ul
 RT: 18.82 min Scan# 2709
 Delta R.T. 0.00 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ7

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1146753		
101	9.1	6.1	9.1		
100	7.0	4.8	7.2		

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#80
Pyrene
 Concen: 8.361 ng/ul
 RT: 19.19 min Scan# 2771
 Delta R.T. 0.00 min
 Lab File: BM024996.D
 Acq: 21 Feb 2020 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		702264		
101	10.1	7.0	10.4		
100	8.9	5.8	8.8#		

