

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM024998.D
 Acq On : 21 Feb 2020 21:58
 Operator : CG/JU
 Sample : L1582-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ9

Manual Integrations
 APPROVED

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Quant Time: Feb 22 02:31:50 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	175755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	709701	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.00	164	509970	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1156942	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1223290	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1405782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	22476	6.15	ng/uL	0.00
5) Phenol-d5	6.54	99	81319	6.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	252752	38.33	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	282958	27.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	172000	17.46	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	188327	36.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	209337	34.52	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.75	165	374851	30.64	ng/ul	0.02
29) 4-Chloroaniline-d4	10.27	131	90471	7.91	ng/ul	0.03
44) Dimethylphthalate-d6	13.43	166	1298316	33.73	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1608161	35.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	26519	4.24	ng/ul	0.01
58) Fluorene-d10	15.00	176	1233917	36.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	216228	28.67	ng/ul	0.00
71) Anthracene-d10	16.85	188	1966068	37.23	ng/ul	0.00
79) Pyrene-d10	19.16	212	2332196	38.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	2666261	37.76	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.15	128	60577608m	1670.580	ng/ul	
34) 2-Methylnaphthalene	11.79	142	20396854m	763.615	ng/ul	
41) 1,1'-Biphenyl	12.82	154	4630518	122.998	ng/ul#	97
48) Acenaphthylene	13.71	152	152554	3.276	ng/ul#	82
50) Acenaphthene	14.07	153	13942447	443.357	ng/ul	98
54) Dibenzofuran	14.41	168	11731919	250.270	ng/ul	97
59) Fluorene	15.06	166	6395231	165.534	ng/ul	98
70) Phenanthrene	16.80	178	7582126	120.195	ng/ul	99
75) Carbazole	17.17	167	13553560	254.297	ng/ul#	91

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

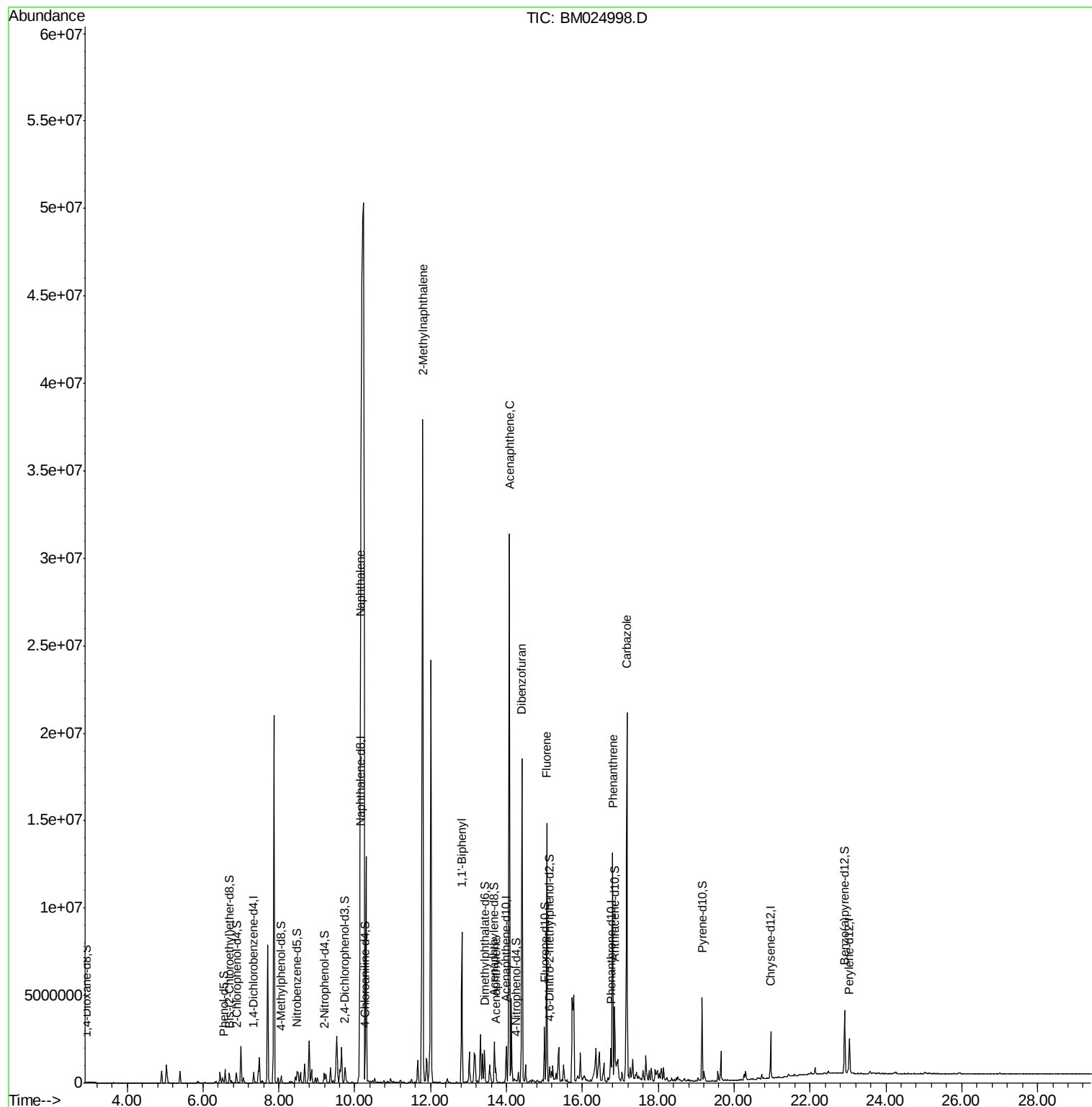
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
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Acq On : 21 Feb 2020 21:58
Operator : CG/JU
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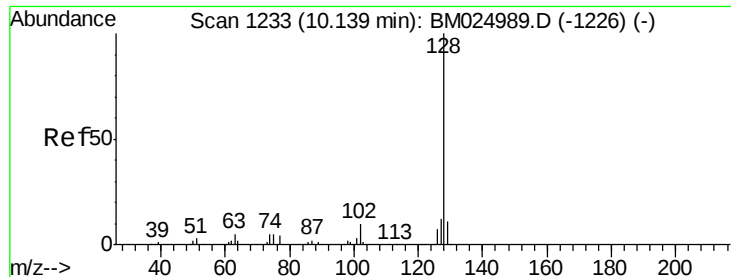
Instrument :
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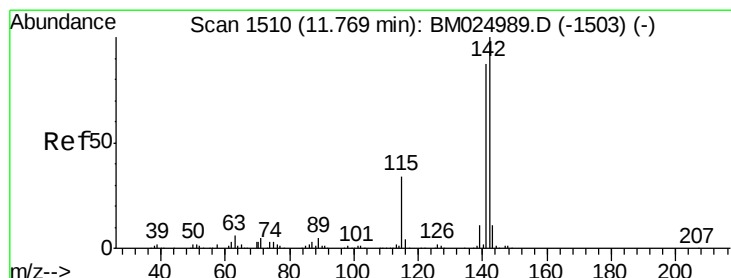
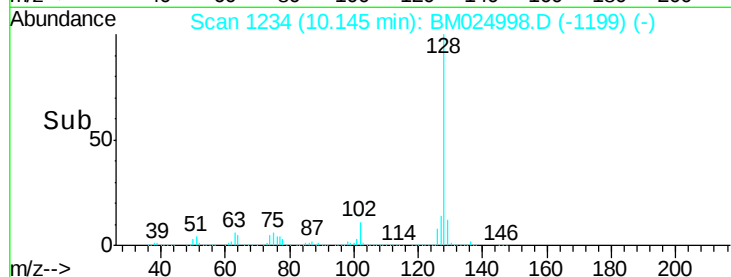
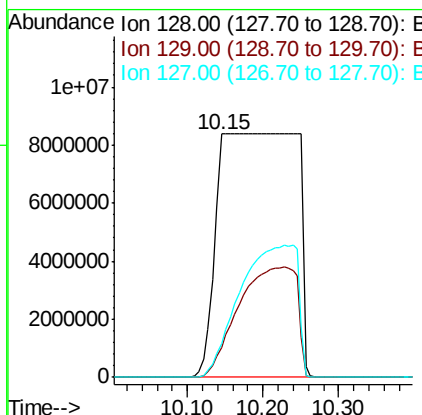
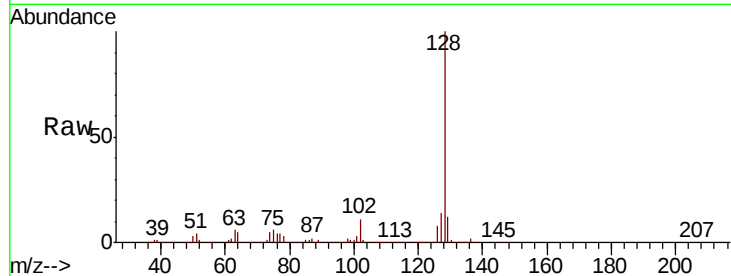
#28
Naphthalene
Concen: 1670.580 ng/ul m
RT: 10.15 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BM024998.D
Acq: 21 Feb 2020 21:58

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Tot Ion:128 Resp:60577608
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.1 10.4 15.6

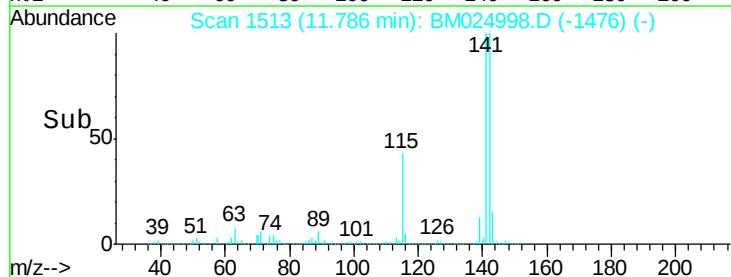
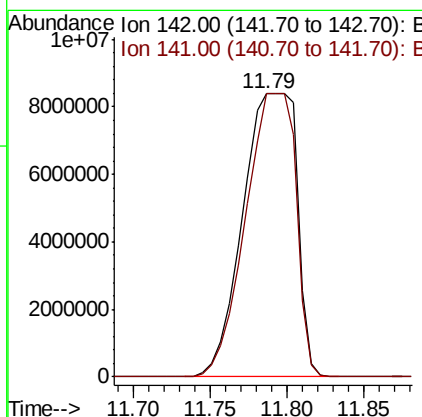
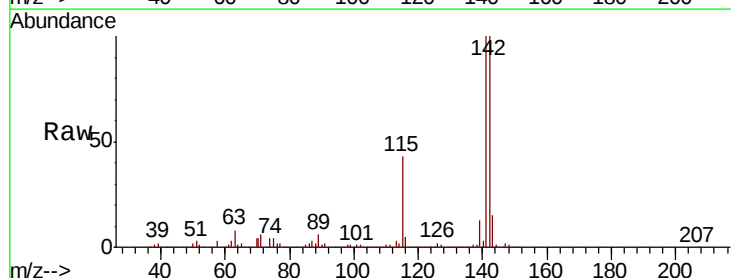
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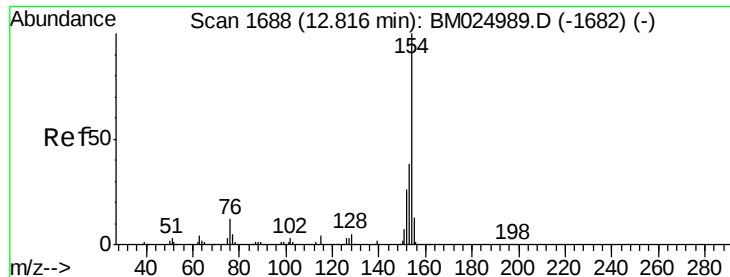
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#34
2-Methylnaphthalene
Concen: 763.615 ng/ul m
RT: 11.79 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BM024998.D
Acq: 21 Feb 2020 21:58

Tgt Ion:142 Resp:20396854
Ion Ratio Lower Upper
142 100
141 100.0 70.5 105.7





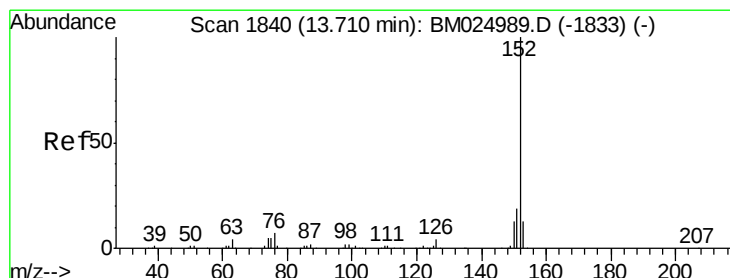
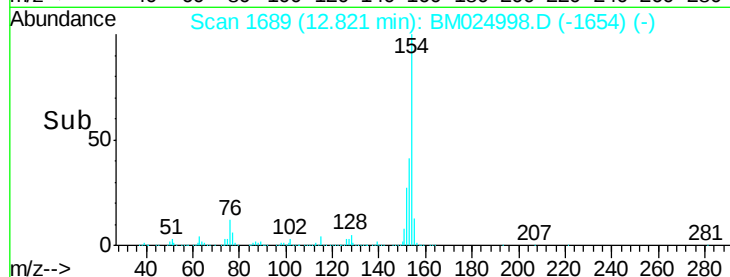
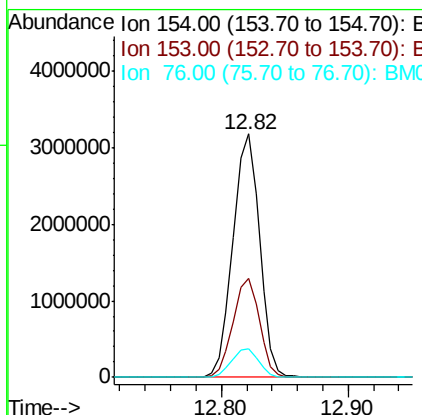
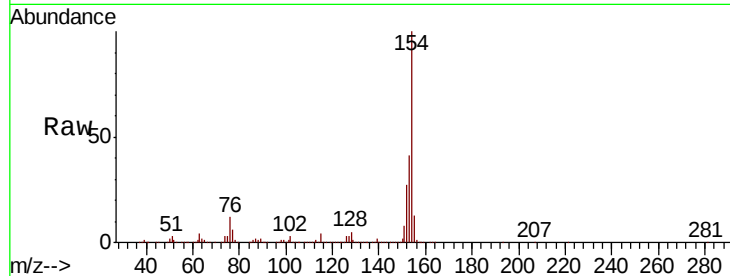
#41
 1,1'-Biphenyl
 Concen: 122.998 ng/ul
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM024998.D
 Acq: 21 Feb 2020 21:58

Instrument :
 BNA_M
 ClientSampleId :
 DBDJ9

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	31.4	47.2
76	11.7	7.5	11.3

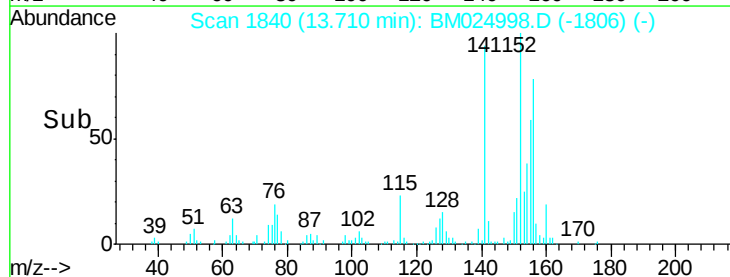
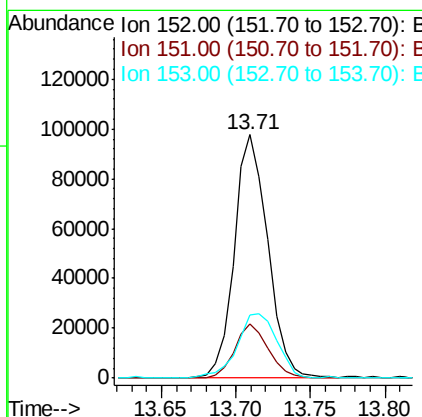
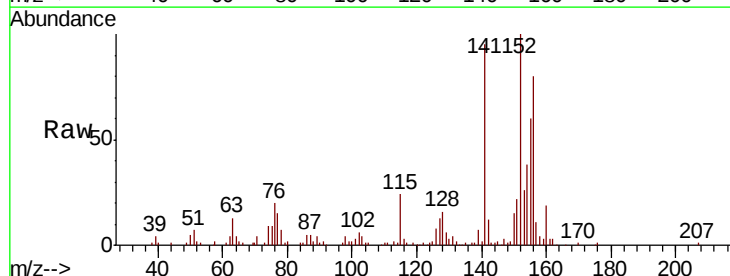
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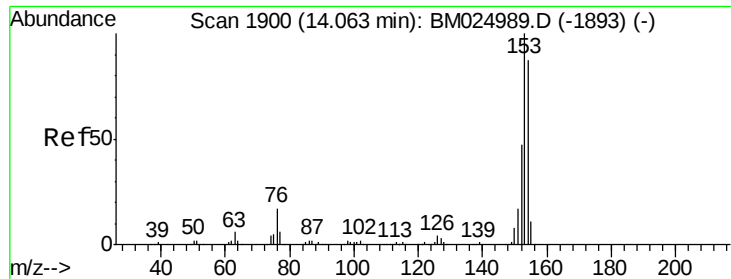
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#48
 Acenaphthylene
 Concen: 3.276 ng/ul
 RT: 13.71 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BM024998.D
 Acq: 21 Feb 2020 21:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	15.1	22.7
153	25.8	10.1	15.1





#50

Acenaphthene

Concen: 443.357 ng/ul

RT: 14.07 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BM024998.D

Acq: 21 Feb 2020 21:58

Instrument :

BNA_M

ClientSampleId :

DBDJ9

Tot Ion:153 Resp:13942447

Ion Ratio Lower Upper

153 100

152 49.6 37.3 55.9

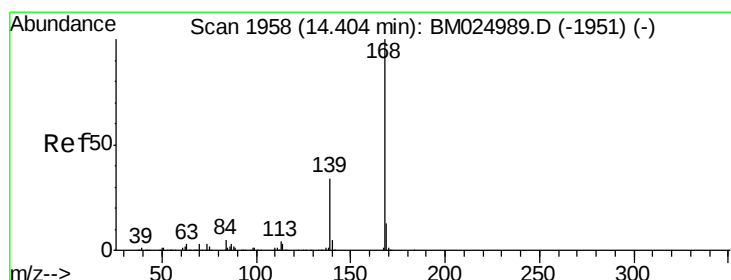
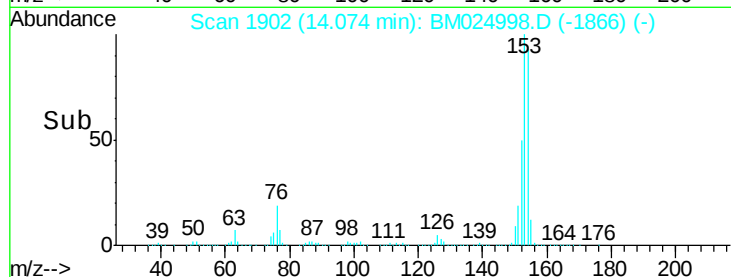
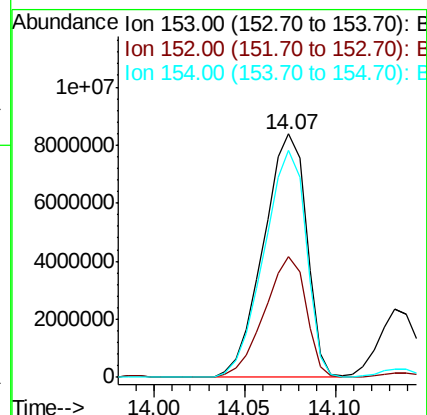
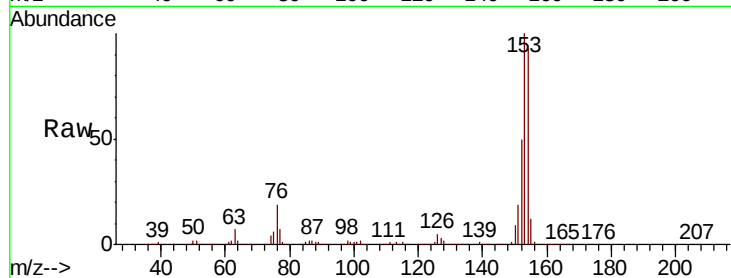
154 93.4 74.1 111.1

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#54

Dibenzofuran

Concen: 250.270 ng/ul

RT: 14.41 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM024998.D

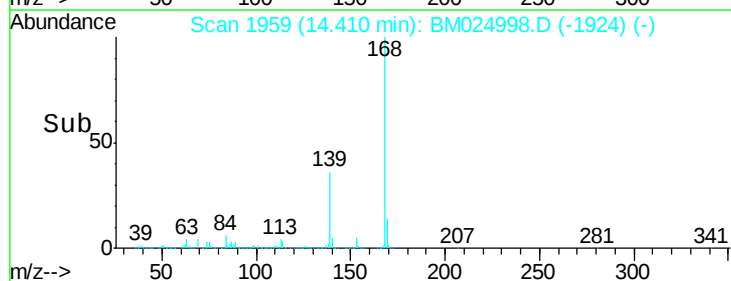
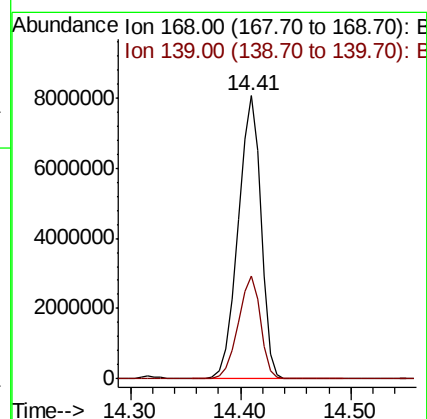
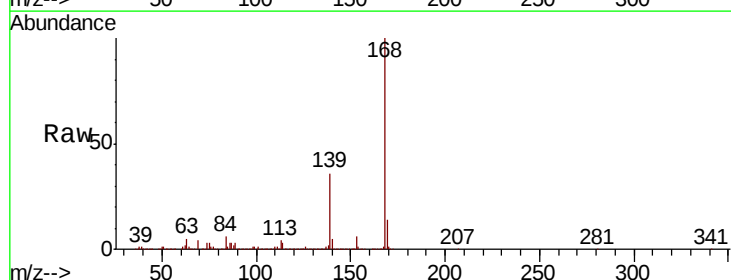
Acq: 21 Feb 2020 21:58

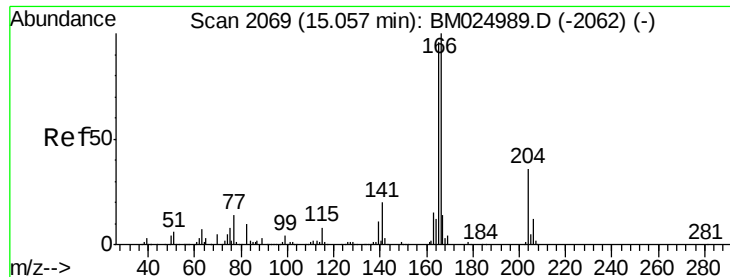
Tgt Ion:168 Resp:11731919

Ion Ratio Lower Upper

168 100

139 36.2 27.8 41.8





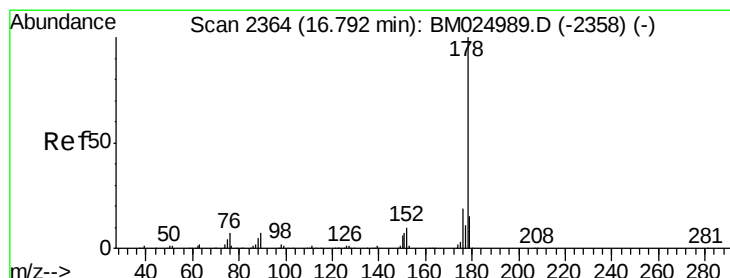
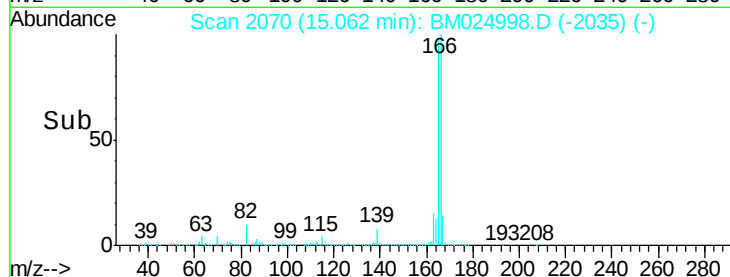
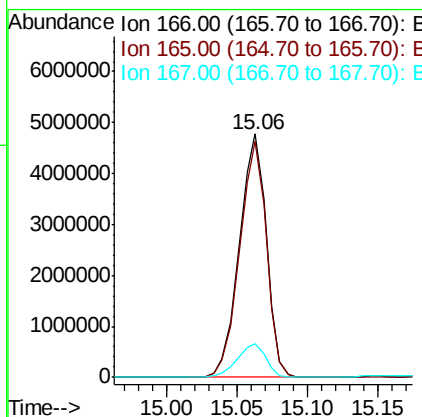
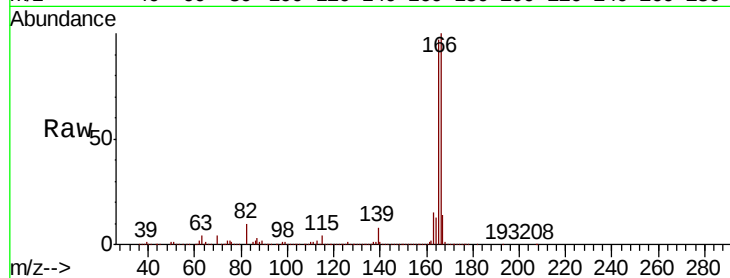
#59
Fluorene
Concen: 165.534 ng/ul
RT: 15.06 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BM024998.D
Acq: 21 Feb 2020 21:58

Instrument :
BNA_M
ClientSampleId :
DBDJ9

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	75.8	113.8
167	13.7	10.6	16.0

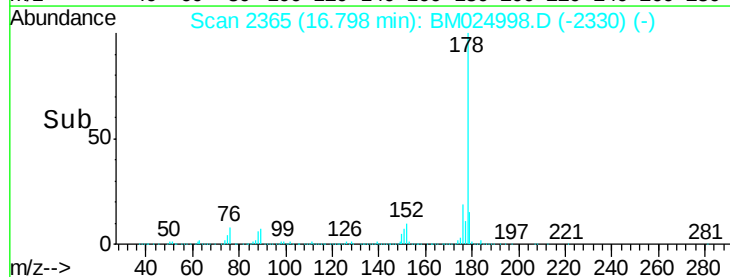
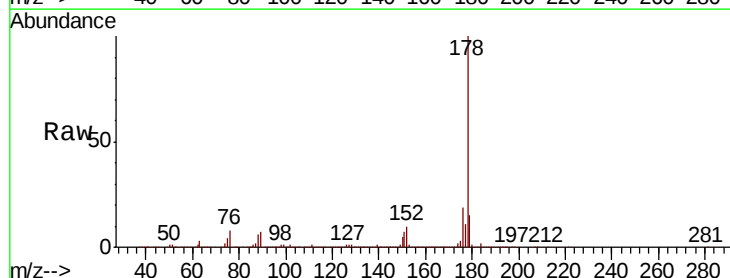
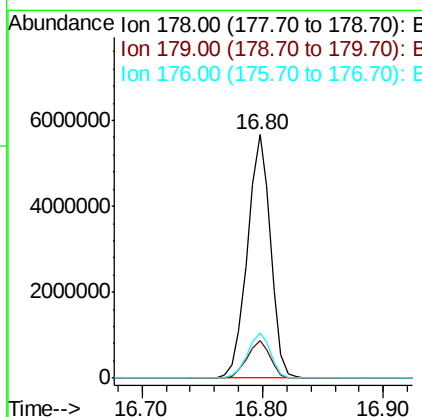
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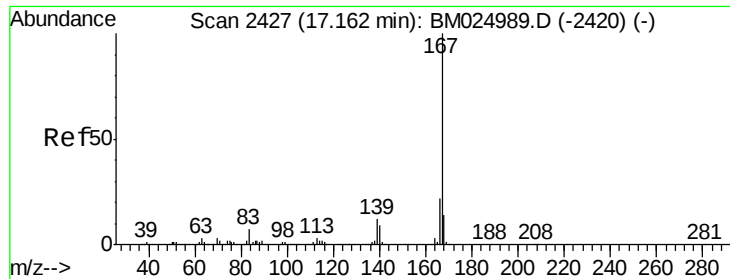
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#70
Phenanthrene
Concen: 120.195 ng/ul
RT: 16.80 min Scan# 2365
Delta R.T. 0.01 min
Lab File: BM024998.D
Acq: 21 Feb 2020 21:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.7	14.5	21.7





#75
 Carbazole
 Concen: 254.297 ng/ul
 RT: 17.17 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BM024998.D
 Acq: 21 Feb 2020 21:58

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion:167 Resp:13553560
 Ion Ratio Lower Upper
 167 100
 166 25.5 16.6 24.8#
 139 14.4 9.3 13.9#

Manual Integrations
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