

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM024999.D
 Acq On : 21 Feb 2020 22:34
 Operator : CG/JU
 Sample : L1486-20DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DBCX2DL

Manual Integrations
 APPROVED

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 2/24/2020 3:31:08 PM

Quant Time: Feb 22 02:43:16 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	161101	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	652868	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	435172	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	979783	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1070003	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1296997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	1082	0.32	ng/uL	0.02
5) Phenol-d5	6.55	99	9007m	0.84	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.70	67	32905	5.44	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	35840	3.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	14515	1.61	ng/ul	0.02
19) Nitrobenzene-d5	8.49	128	20656	4.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.20	143	20754	3.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	41620m	3.70	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	2748m	0.26	ng/ul	0.07
44) Dimethylphthalate-d6	13.42	166	202474	6.16	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	222924	5.81	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.00	176	187675	6.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.15	200	15747	2.47	ng/ul	0.00
71) Anthracene-d10	16.85	188	287531	6.43	ng/ul	0.00
79) Pyrene-d10	19.16	212	362053	6.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	419044	6.43	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.14	128	296232	8.880	ng/ul 98
34) 2-Methylnaphthalene	11.77	142	100069	4.072	ng/ul 98
41) 1,1'-Biphenyl	12.82	154	134085	4.174	ng/ul# 98
50) Acenaphthene	14.06	153	640194	23.857	ng/ul 96
54) Dibenzofuran	14.40	168	624530	15.613	ng/ul 99
59) Fluorene	15.06	166	389112	11.803	ng/ul 99
70) Phenanthrene	16.79	178	690701	12.929	ng/ul 99
75) Carbazole	17.16	167	137239	3.041	ng/ul 98
77) Fluoranthene	18.82	202	128058	1.953	ng/ul# 95
80) Pyrene	19.19	202	76384	1.078	ng/ul# 97

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

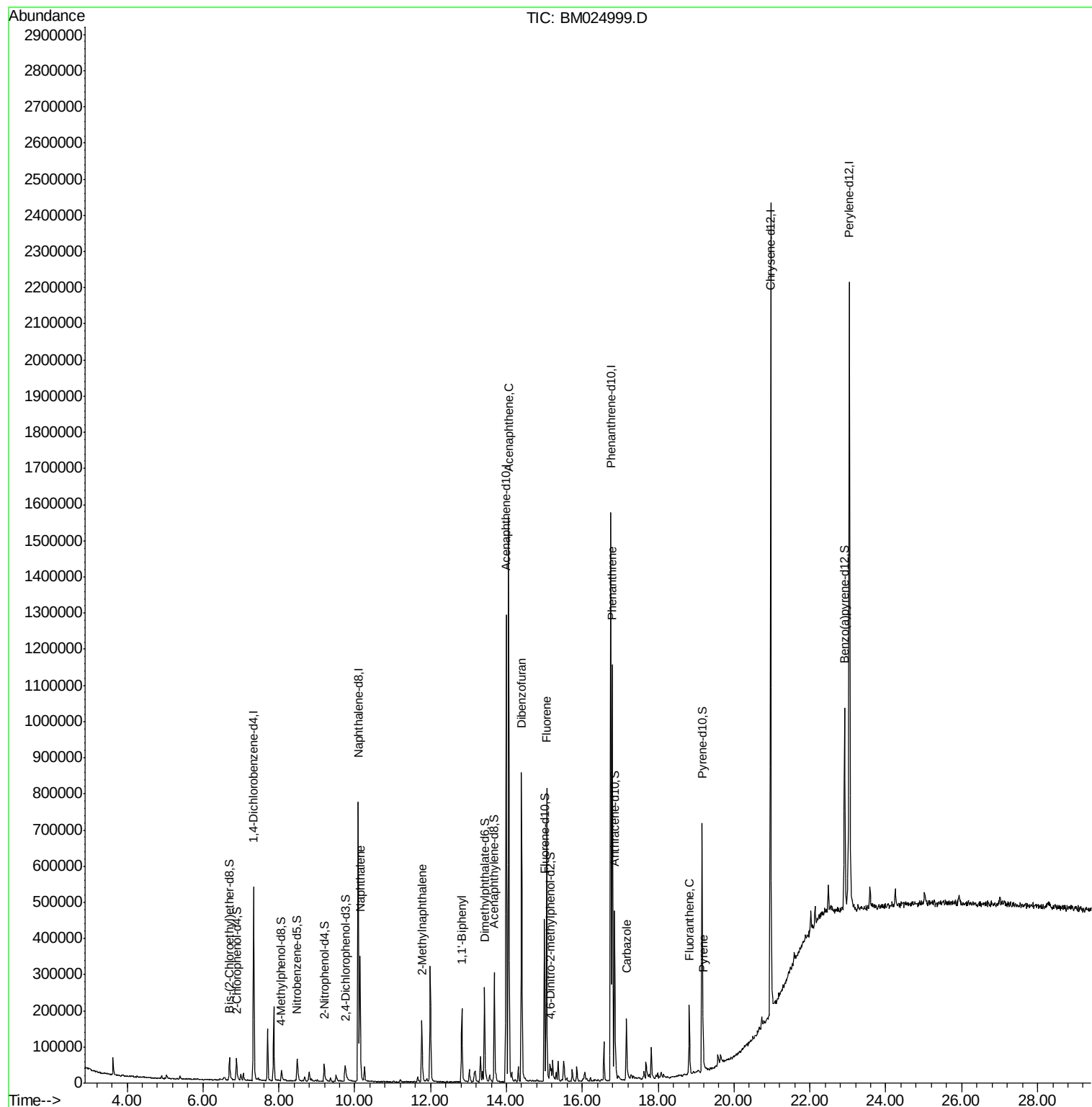
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
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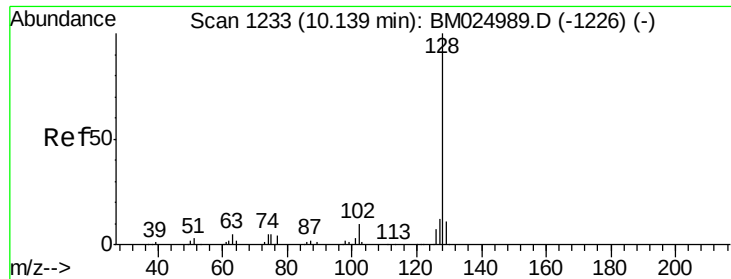
Instrument :
BNA_M
ClientSampleId :
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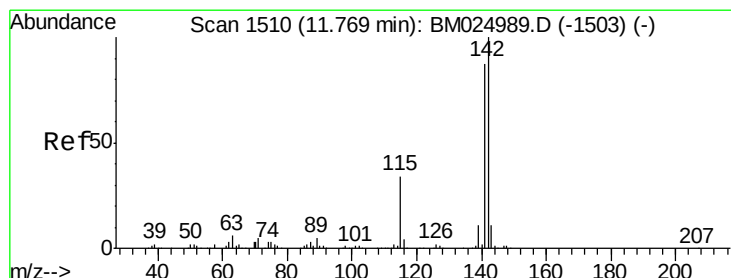
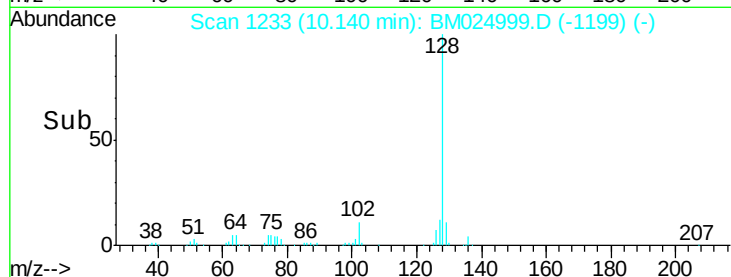
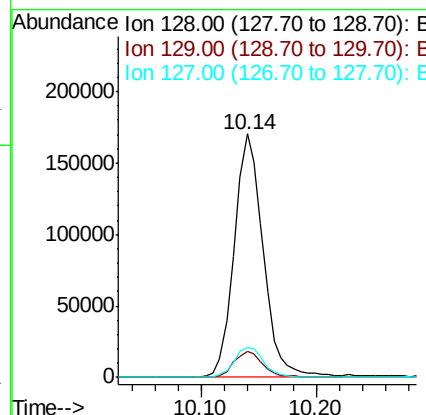
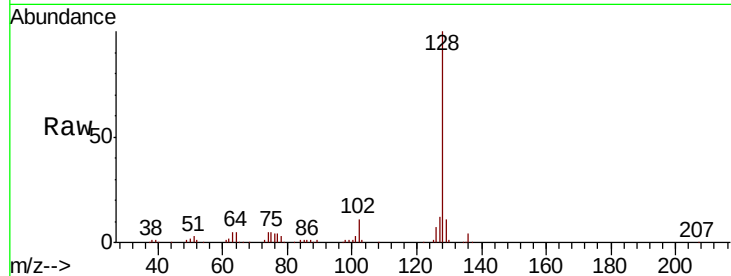
#28
Naphthalene
Concen: 8.880 ng/ul
RT: 10.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BM024999.D
Acq: 21 Feb 2020 22:34

Instrument :
BNA_M
ClientSampleId :
DBCX2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	12.5	10.4	15.6

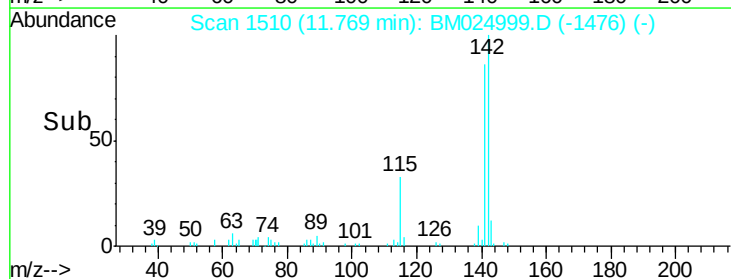
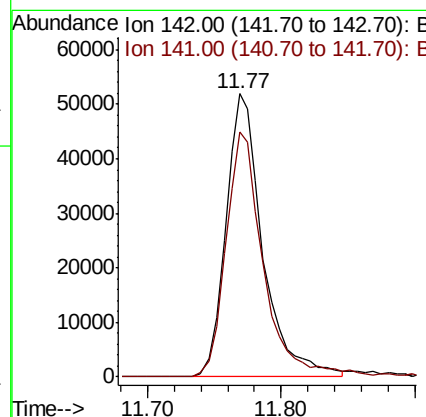
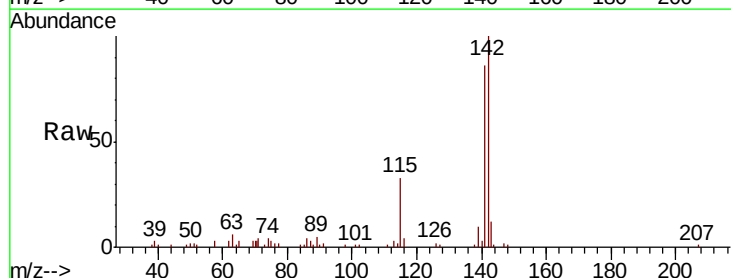
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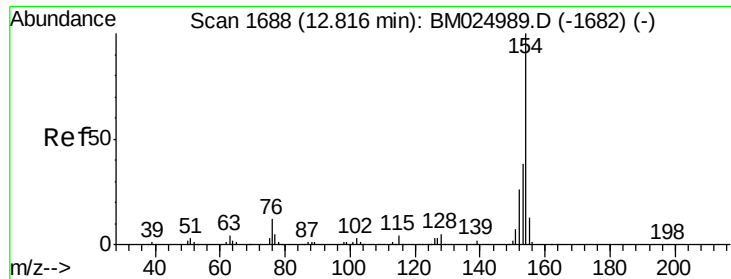
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#34
2-Methylnaphthalene
Concen: 4.072 ng/ul
RT: 11.77 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BM024999.D
Acq: 21 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.5	105.7





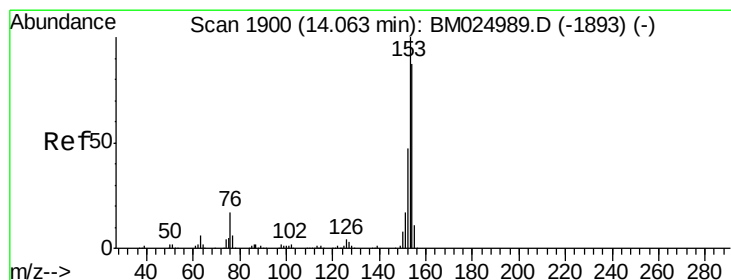
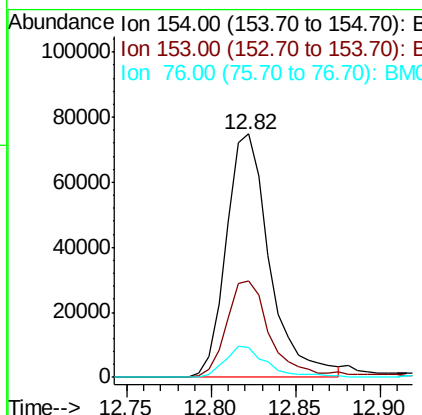
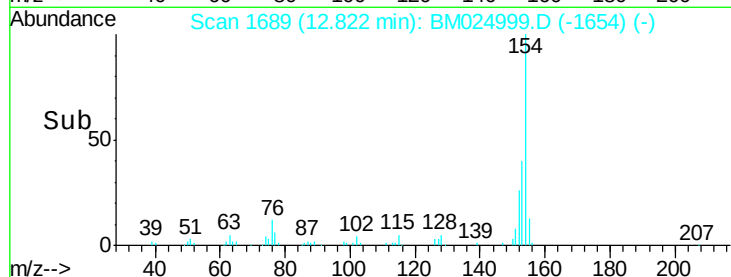
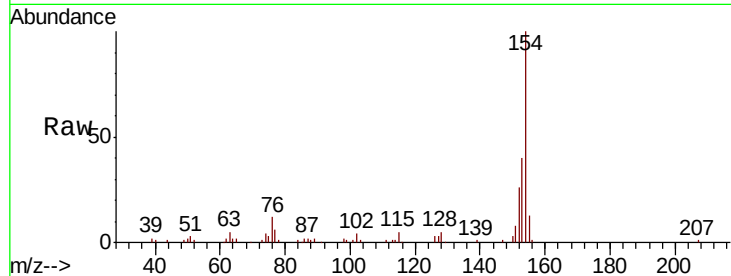
#41
 1,1'-Biphenyl
 Concen: 4.174 ng/ul
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM024999.D
 Acq: 21 Feb 2020 22:34

Instrument :
 BNA_M
 ClientSampleID :
 DBCX2DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.4	47.2
76	12.4	7.5	11.3

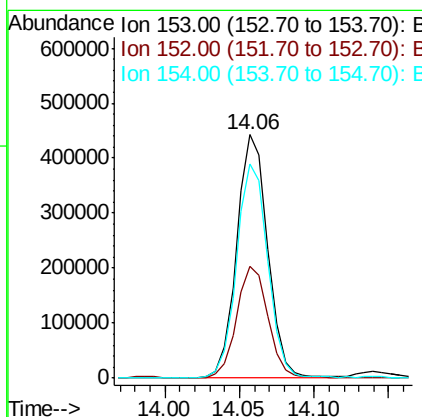
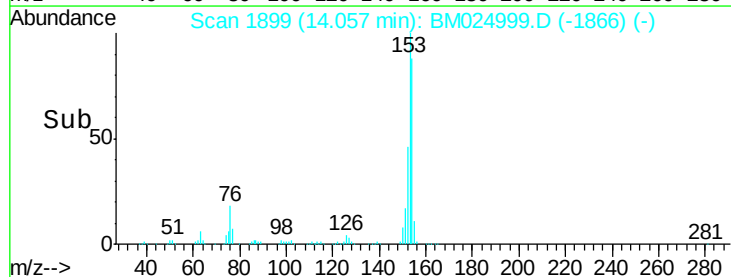
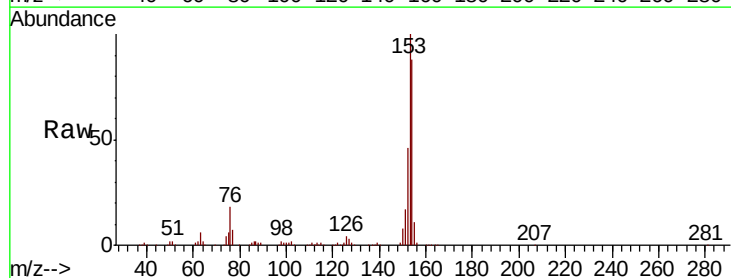
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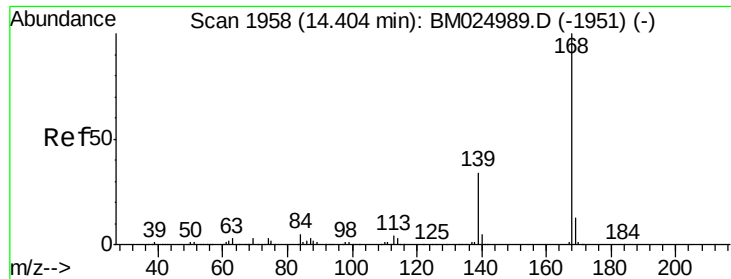
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#50
 Acenaphthene
 Concen: 23.857 ng/ul
 RT: 14.06 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BM024999.D
 Acq: 21 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.3	55.9
154	87.8	74.1	111.1





#54

Dibenzenofuran

Concen: 15.613 ng/ul

RT: 14.40 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

Instrument :

BNA_M

ClientSampleId :

DBCX2DL

Tot Ion:168 Resp: 624530

Ion Ratio Lower Upper

168 100

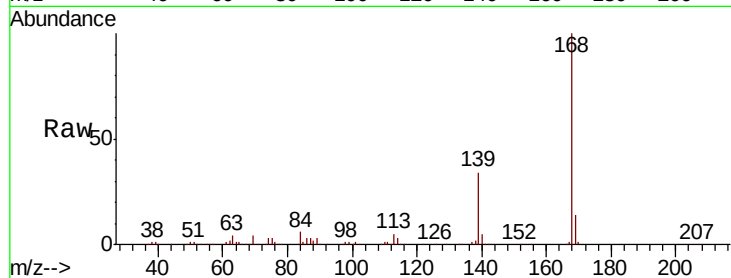
139 34.1 27.8 41.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

400000

300000

200000

100000

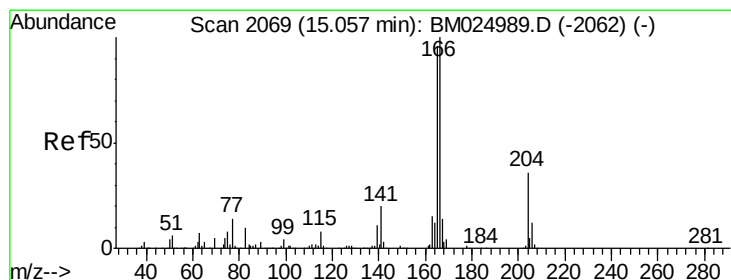
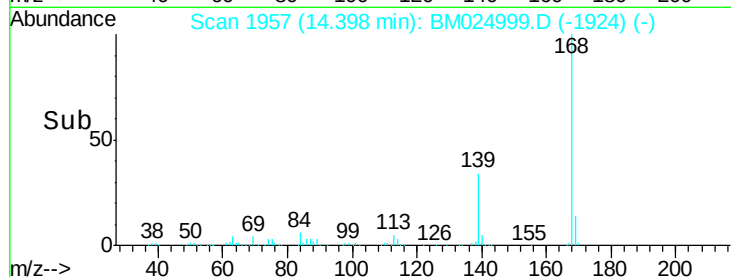
0

14.30

14.40

14.50

Time-->



#59

Fluorene

Concen: 11.803 ng/ul

RT: 15.06 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

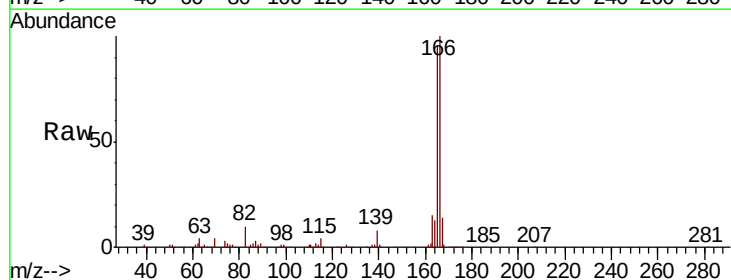
Tgt Ion:166 Resp: 389112

Ion Ratio Lower Upper

166 100

165 96.1 75.8 113.8

167 13.5 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

300000

200000

100000

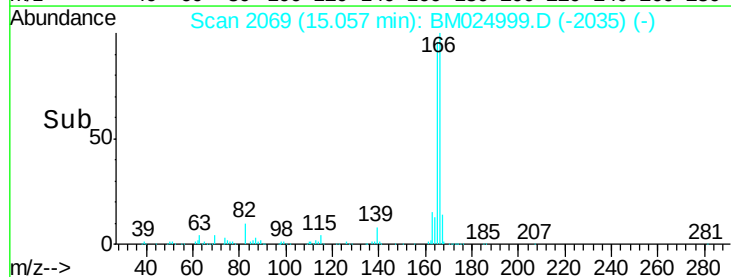
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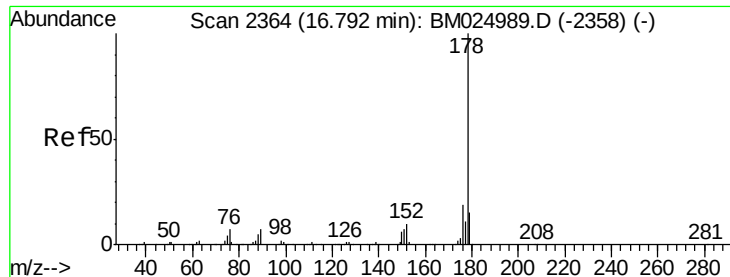
15.00

15.06

15.10

Time-->





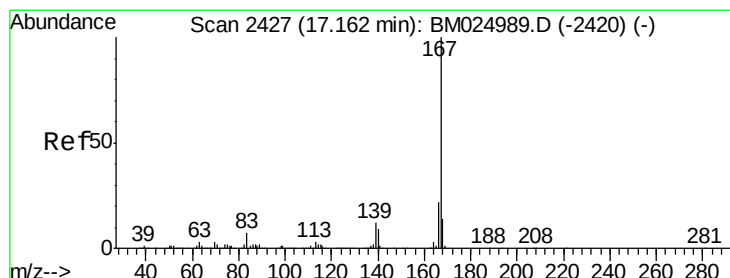
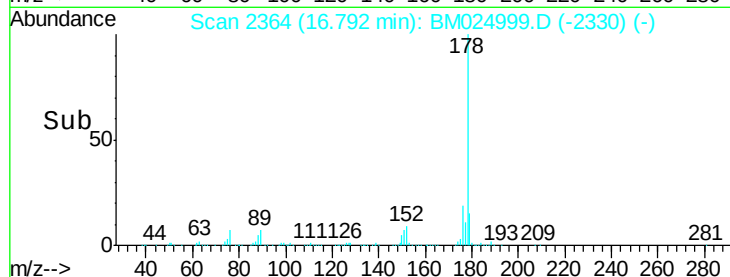
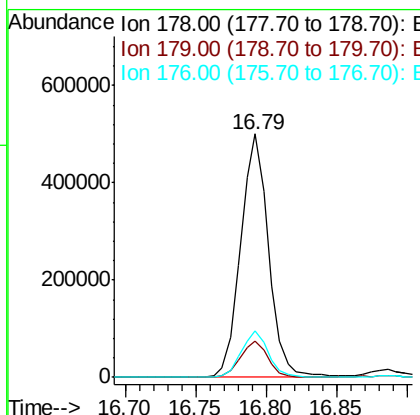
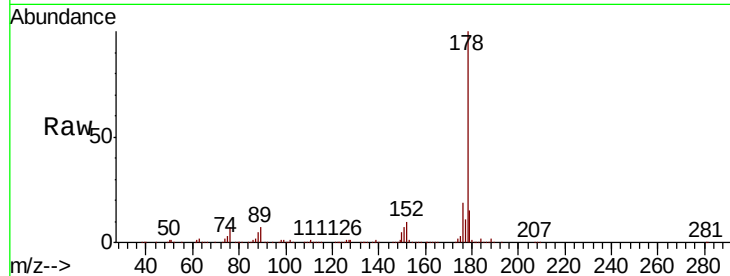
#70
Phenanthrene
Concen: 12.929 ng/ul
RT: 16.79 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BM024999.D
Acq: 21 Feb 2020 22:34

Instrument :
BNA_M
ClientSampleId :
DBCX2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	18.9	14.5	21.7

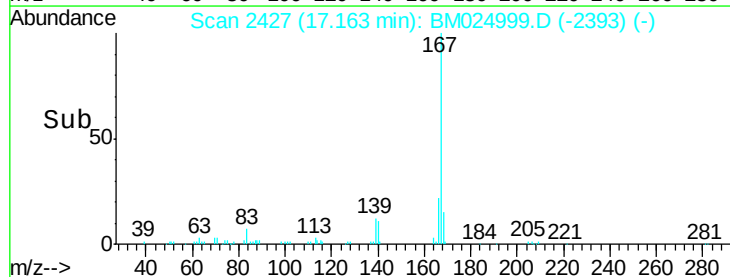
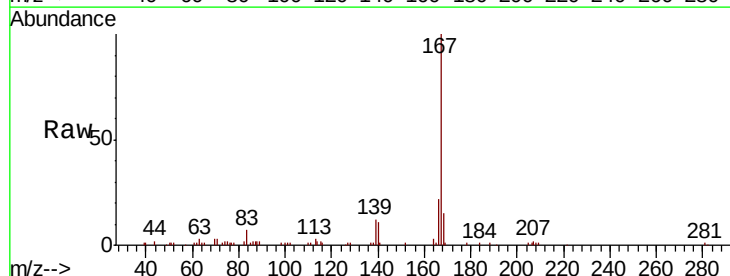
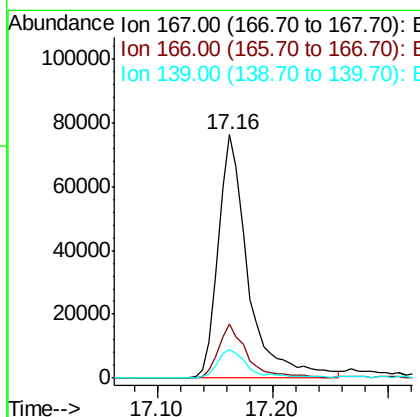
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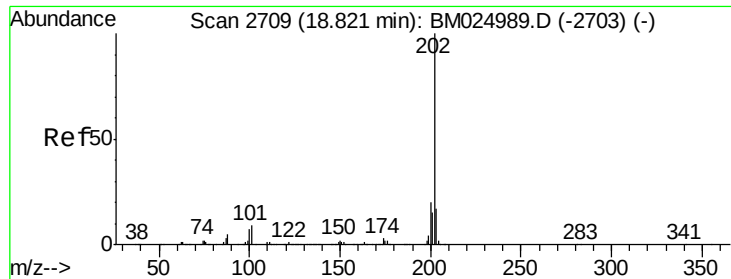
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#75
Carbazole
Concen: 3.041 ng/ul
RT: 17.16 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BM024999.D
Acq: 21 Feb 2020 22:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.6	24.8
139	11.9	9.3	13.9





#77

Fluoranthene

Concen: 1.953 ng/ul

RT: 18.82 min Scan# 2709

Delta R.T. 0.00 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

Instrument :

BNA_M

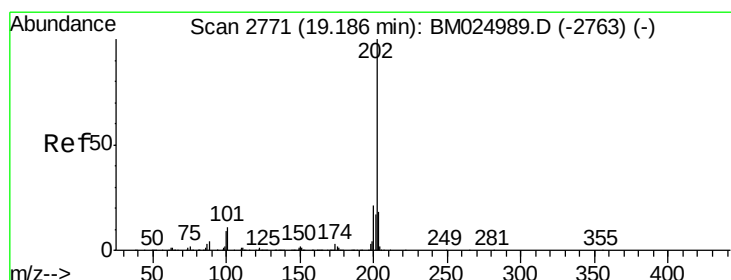
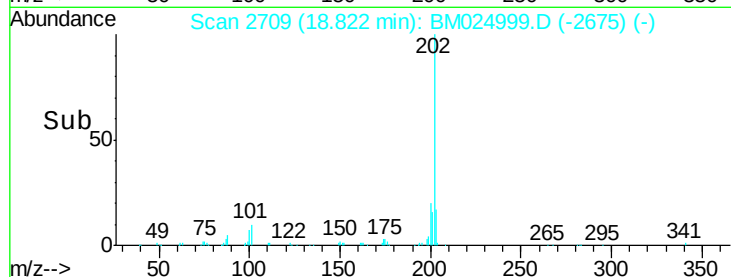
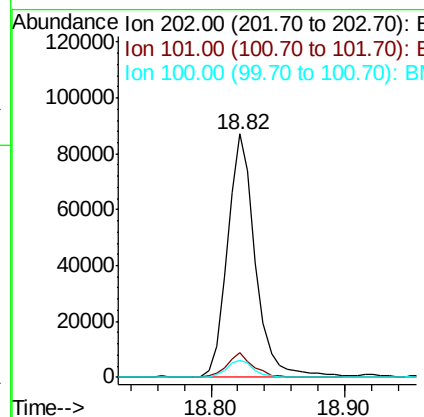
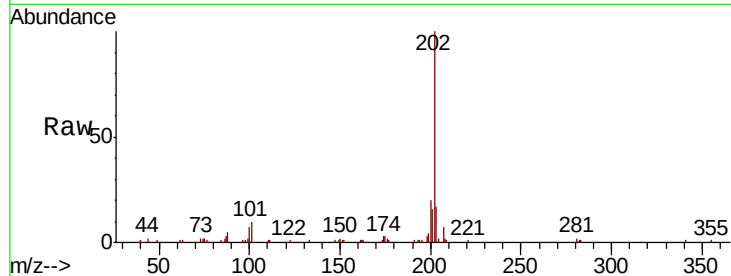
ClientSampleId :

DBCX2DL

Tot Ion:	202	Resp:	128058
Ion Ratio	Lower	Upper	
202	100		
101	9.9	6.1	9.1#
100	6.9	4.8	7.2

Manual Integrations
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#80

Pyrene

Concen: 1.078 ng/ul

RT: 19.19 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BM024999.D

Acq: 21 Feb 2020 22:34

Tgt Ion:	202	Resp:	76384
Ion Ratio	Lower	Upper	
202	100		
101	10.8	7.0	10.4#
100	7.4	5.8	8.8

