

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
 Data File : BM025001.D
 Acq On : 21 Feb 2020 23:46
 Operator : CG/JU
 Sample : L1486-22DL2 30X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 DBCX4DL2

Manual Integrations
 APPROVED

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 2/24/2020 3:38:23 PM

Quant Time: Feb 22 03:01:23 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	140111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	574309	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	368385	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	798830	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	843845	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1029551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.71	67	4343m	0.83	ng/ul	0.02
9) 2-Chlorophenol-d4	6.89	132	3866m	0.46	ng/ul	0.01
13) 4-Methylphenol-d8	8.08	113	916m	0.12	ng/ul	0.02
19) Nitrobenzene-d5	8.50	128	2506m	0.60	ng/ul	0.02
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.43	166	29497	1.06	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	32073	0.99	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.00	176	25592	1.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.85	188	43245	1.19	ng/ul	0.00
79) Pyrene-d10	19.16	212	46684	1.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.91	264	54120	1.05	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.15	128	5724122	195.071	ng/ul 99
41) 1,1'-Biphenyl	12.82	154	109871	4.040	ng/ul# 95
50) Acenaphthene	14.06	153	212443	9.352	ng/ul 98
54) Dibenzofuran	14.40	168	319461	9.434	ng/ul 97
70) Phenanthrene	16.79	178	142499	3.272	ng/ul 97
75) Carbazole	17.16	167	170977	4.646	ng/ul 99

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

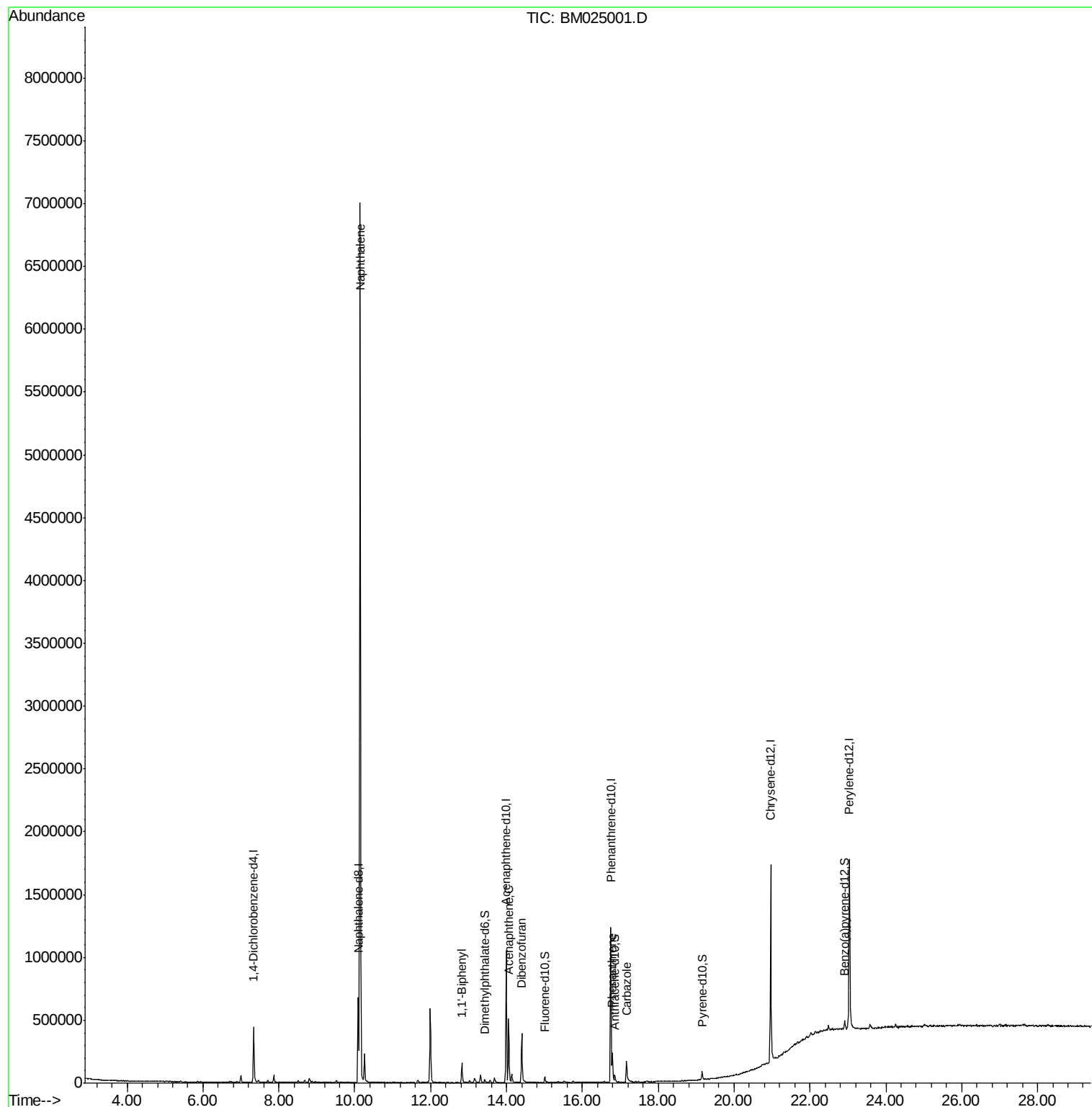
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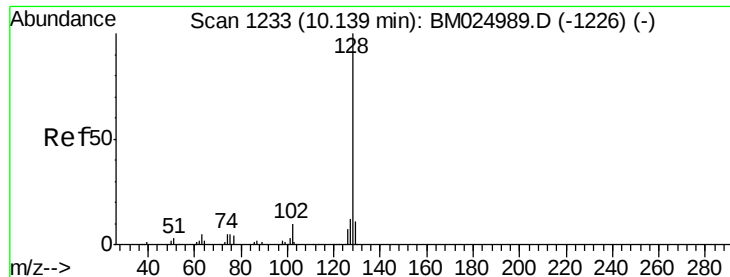
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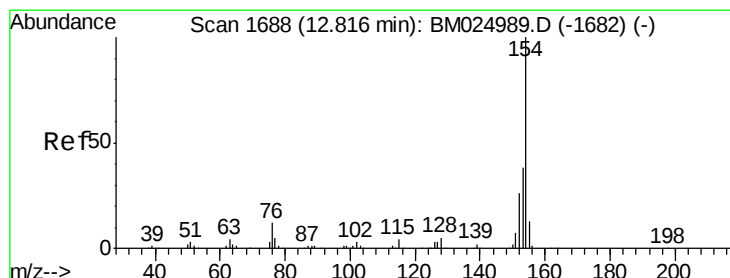
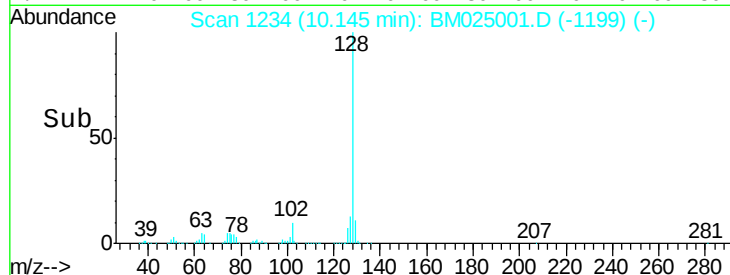
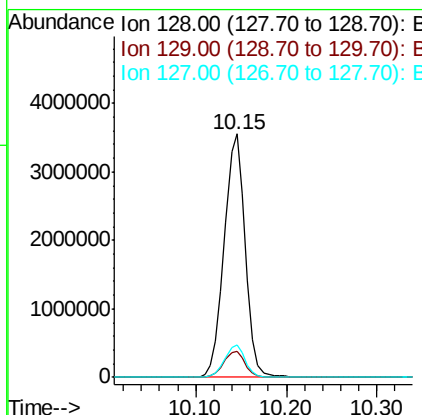
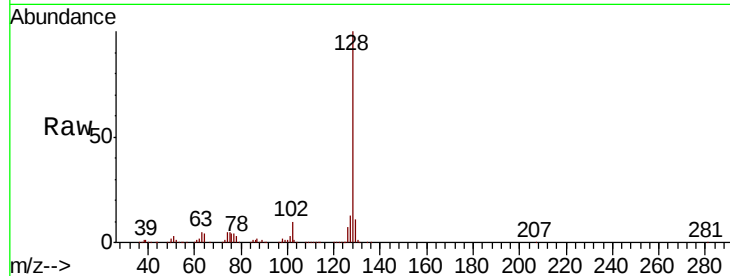
#28
Naphthalene
Concen: 195.071 ng/ul
RT: 10.15 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BM025001.D
Acq: 21 Feb 2020 23:46

Instrument :
BNA_M
ClientSampleId :
DBCX4DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.1	10.4	15.6

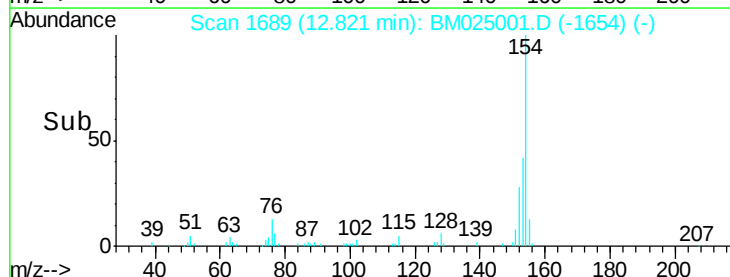
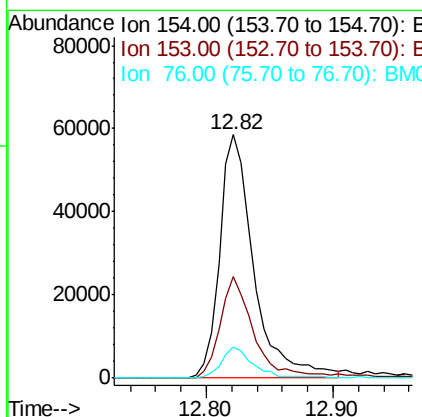
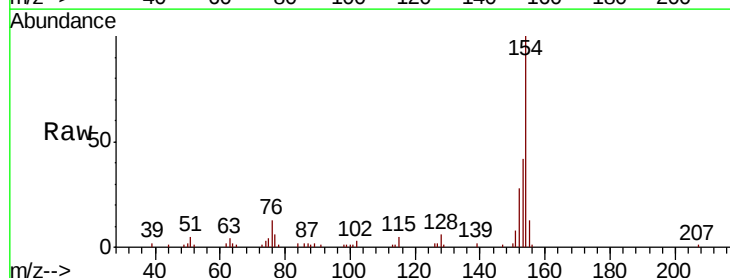
Manual Integrations
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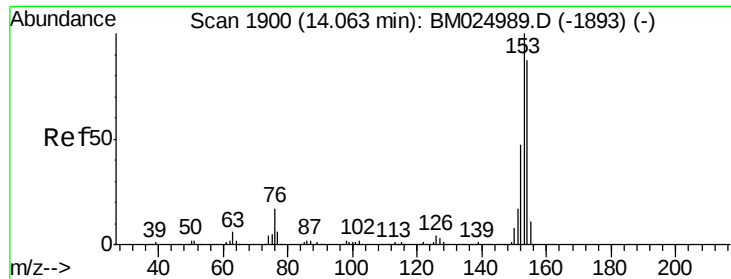
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#41
1,1'-Biphenyl
Concen: 4.040 ng/ul
RT: 12.82 min Scan# 1689
Delta R.T. 0.01 min
Lab File: BM025001.D
Acq: 21 Feb 2020 23:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	31.4	47.2
76	13.0	7.5	11.3





#50

Acenaphthene

Concen: 9.352 ng/ul

RT: 14.06 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM025001.D

Acq: 21 Feb 2020 23:46

Instrument :

BNA_M

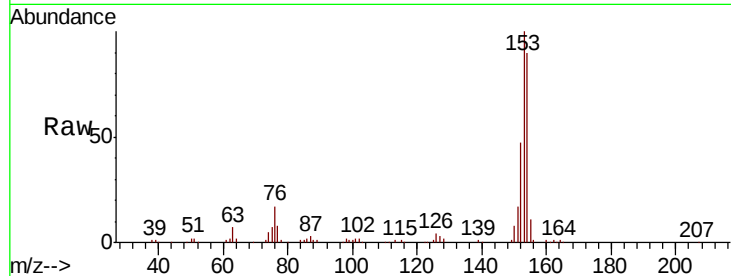
ClientSampleId :

DBCX4DL2

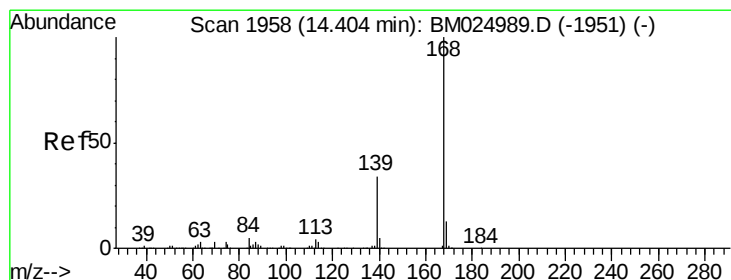
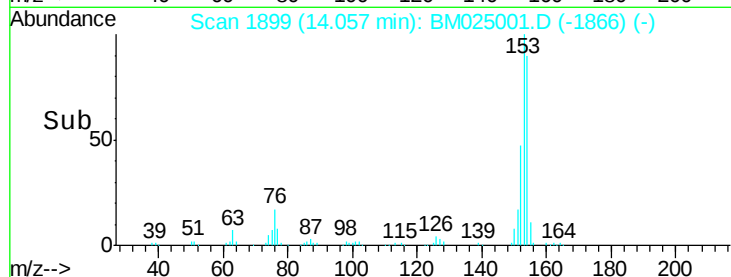
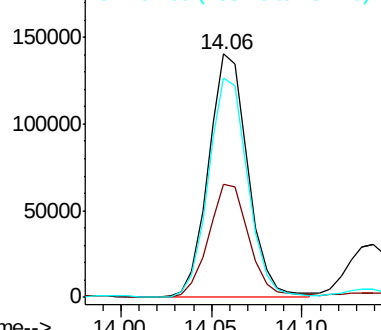
Tot Ion:	153	Resp:	212443
Ion Ratio	Lower	Upper	
153	100		
152	46.7	37.3	55.9
154	89.9	74.1	111.1

Manual Integrations
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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



#54

Dibenzofuran

Concen: 9.434 ng/ul

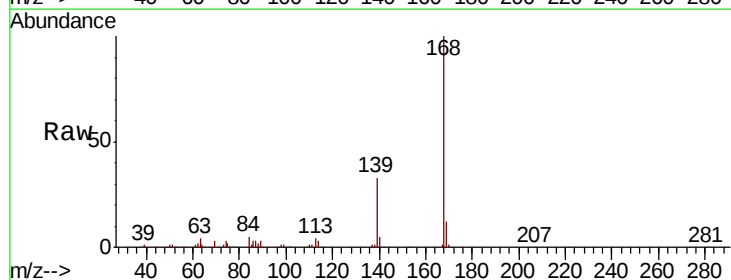
RT: 14.40 min Scan# 1958

Delta R.T. 0.00 min

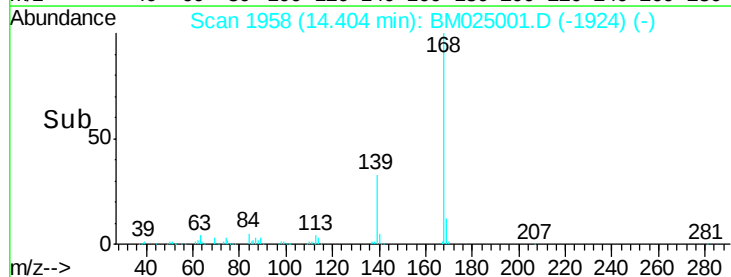
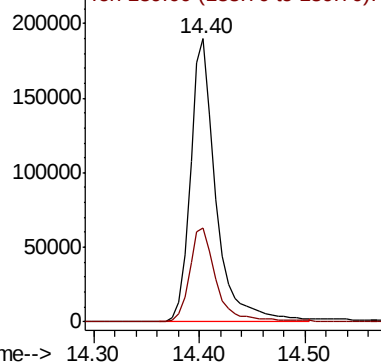
Lab File: BM025001.D

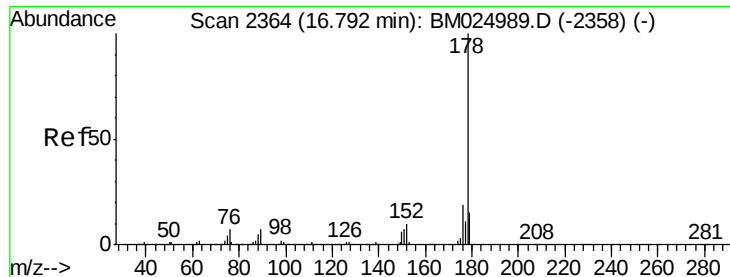
Acq: 21 Feb 2020 23:46

Tgt Ion:	168	Resp:	319461
Ion Ratio	Lower	Upper	
168	100		
139	33.3	27.8	41.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





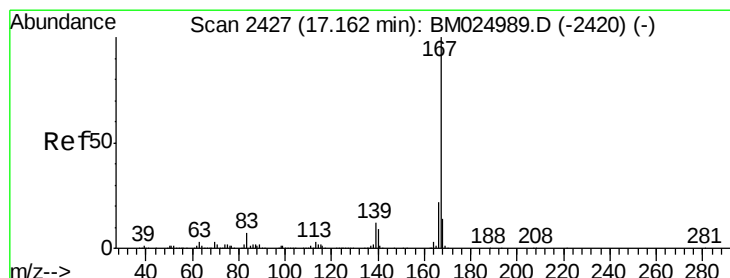
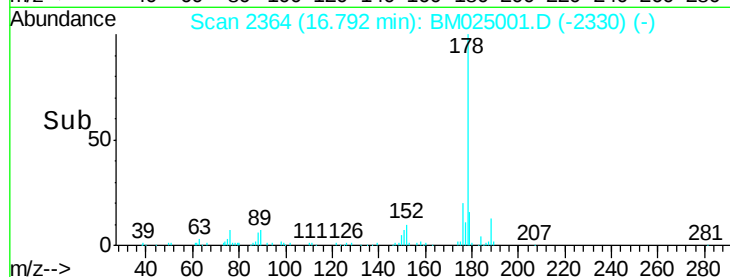
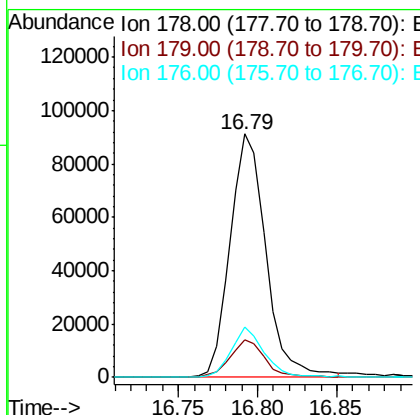
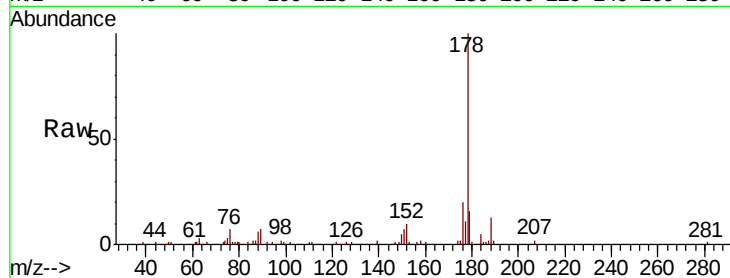
#70
Phenanthrene
Concen: 3.272 ng/ul
RT: 16.79 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BM025001.D
Acq: 21 Feb 2020 23:46

Instrument :
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ClientSampleId :
DBCX4DL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	20.4	14.5	21.7

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#75
Carbazole
Concen: 4.646 ng/ul
RT: 17.16 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM025001.D
Acq: 21 Feb 2020 23:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	16.6	24.8
139	12.5	9.3	13.9

