

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010076.D
 Acq On : 03 Mar 2020 23:58
 Operator : CG/JU
 Sample : L1619-06DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBDW0DL

Manual Integrations
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 3/4/2020 7:52:16 AM

Quant Time: Mar 04 02:50:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 04 01:30:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	58685	20.00	ng/ul	0.01
18) Naphthalene-d8	10.11	136	216630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	190243	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	400869	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	387518	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	423890	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	278	0.19	ng/uL	0.02
5) Phenol-d5	6.61	99	5998m	1.20	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.75	67	5037m	1.46	ng/ul	0.02
9) 2-Chlorophenol-d4	6.93	132	5119m	1.36	ng/ul	0.03
13) 4-Methylphenol-d8	8.13	113	4841m	1.22	ng/ul	0.05
19) Nitrobenzene-d5	8.55	128	1559m	0.98	ng/ul	0.04
22) 2-Nitrophenol-d4	9.26	143	1812m	1.05	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	9.82	165	4788m	1.44	ng/ul	0.07
29) 4-Chloroaniline-d4	10.33	131	5832m	1.56	ng/ul	0.06
44) Dimethylphthalate-d6	13.45	166	25743	1.81	ng/ul	0.01
47) Acenaphthylene-d8	13.70	160	27492	1.64	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	24218	1.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.87	188	37704	2.05	ng/ul	0.00
79) Pyrene-d10	19.17	212	41572	2.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	40556	1.92	ng/ul	0.00

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	11.80	142	37052	4.568	ng/ul 98
41) 1,1'-Biophenyl	12.83	154	24218	1.657	ng/ul# 91
50) Acenaphthene	14.07	153	144244	11.616	ng/ul 97
54) Dibenzofuran	14.42	168	144583	8.295	ng/ul 99
59) Fluorene	15.07	166	127978	8.749	ng/ul 98
70) Phenanthrene	16.81	178	570124	24.921	ng/ul 99
72) Anthracene	16.91	178	41366m	1.769	ng/ul
77) Fluoranthene	18.84	202	334169	12.470	ng/ul 95
80) Pyrene	19.20	202	222222	7.954	ng/ul 95
83) Benzo(a)anthracene	20.97	228	42311	1.589	ng/ul 93
85) Chrysene	21.03	228	33556	1.280	ng/ul 99

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

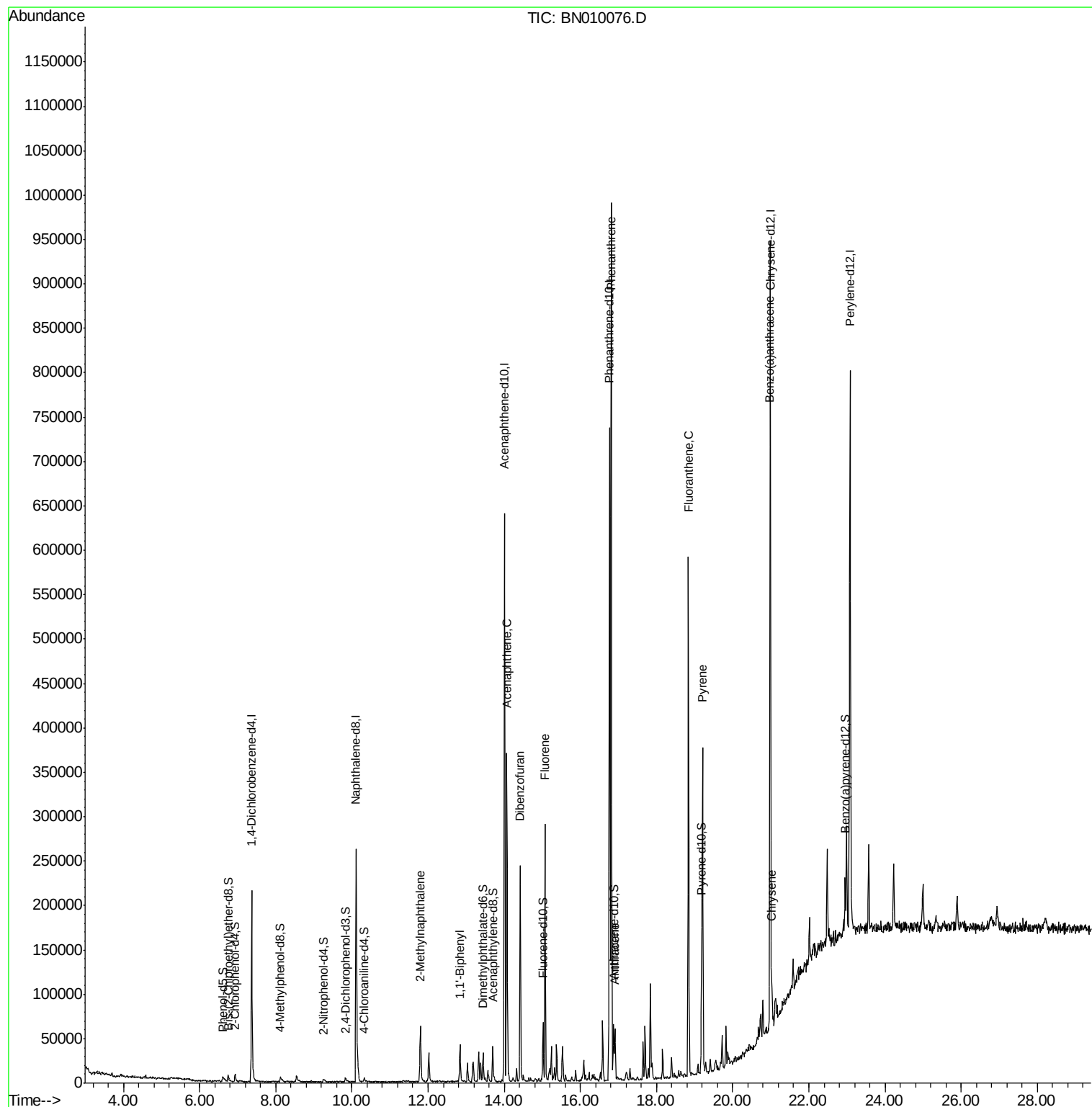
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Data File : BN010076.D
Acq On : 03 Mar 2020 23:58
Operator : CG/JU
Sample : L1619-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

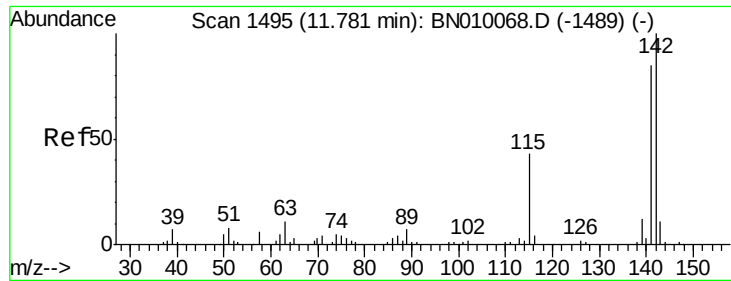
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Mar 04 02:50:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 04 01:30:16 2020
Response via : Initial Calibration





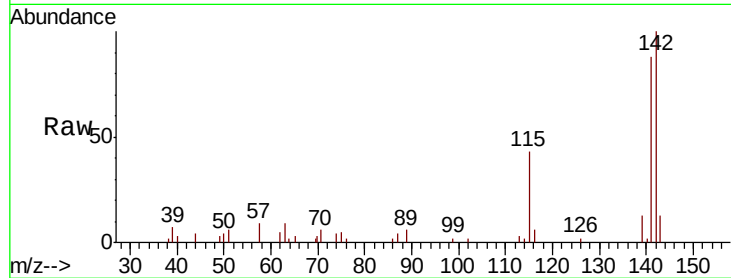
#34
2-Methylnaphthalene
Concen: 4.568 ng/ul
RT: 11.80 min Scan# 1498
Delta R.T. 0.02 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
BNA_N
ClientSampleId :
DBDW0DL

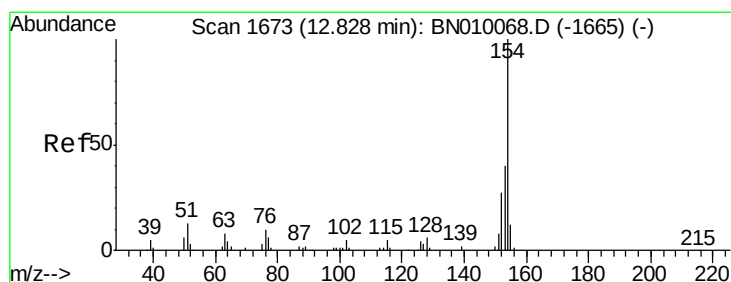
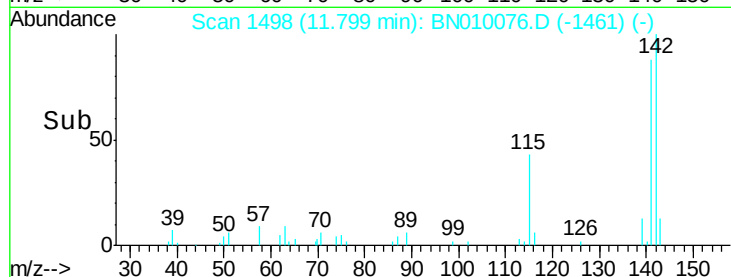
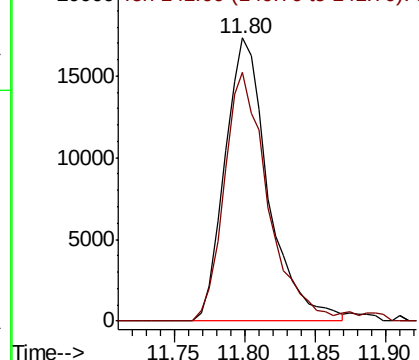
Tot Ion:142 Resp: 37052
Ion Ratio Lower Upper
142 100
141 88.1 72.1 108.1

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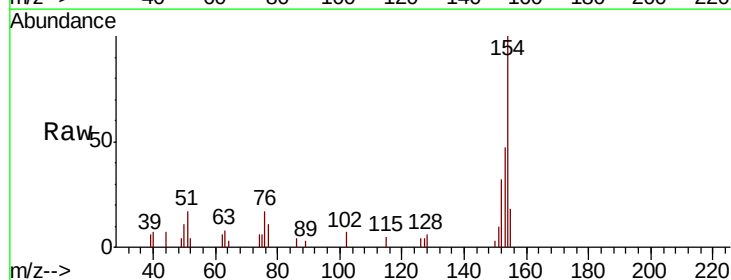


Abundance Ion 142.00 (141.70 to 142.70): E
20000 Ion 141.00 (140.70 to 141.70): E

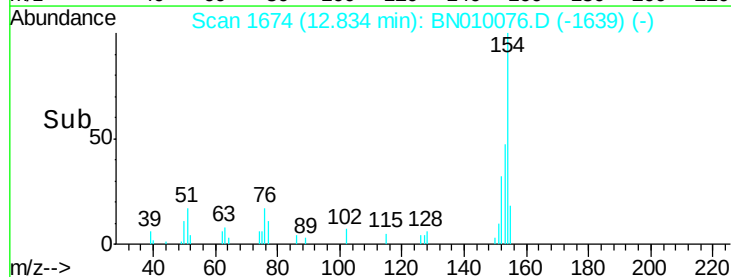
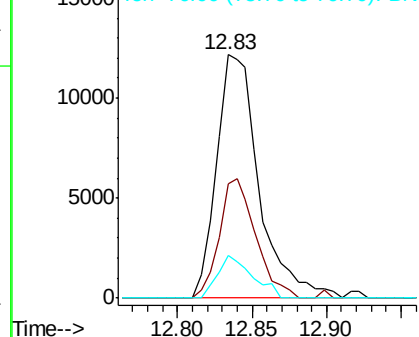


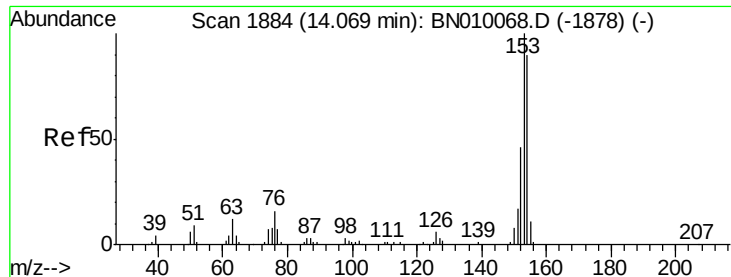
#41
1,1'-Biphenyl
Concen: 1.657 ng/ul
RT: 12.83 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:154 Resp: 24218
Ion Ratio Lower Upper
154 100
153 46.8 33.2 49.8
76 17.5 11.0 16.4#



Abundance Ion 154.00 (153.70 to 154.70): E
15000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNO





#50

Acenaphthene

Concen: 11.616 ng/ul

RT: 14.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BN010076.D

Acq: 03 Mar 2020 23:58

Instrument :

BNA_N

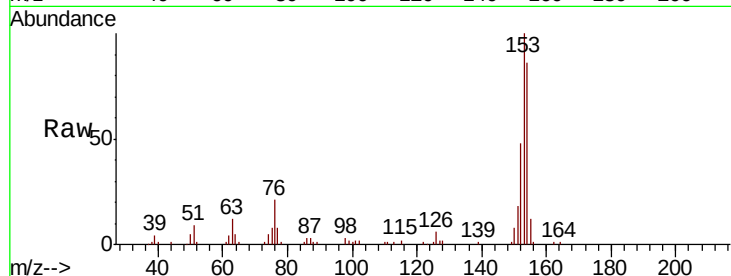
ClientSampleId :

DBDW0DL

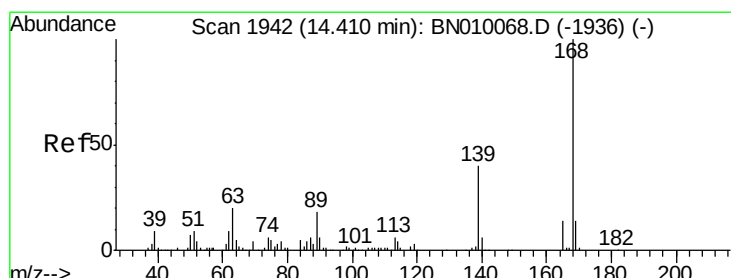
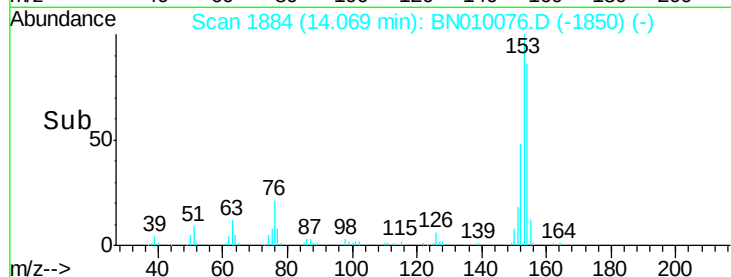
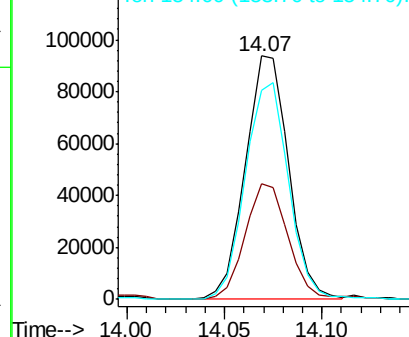
Tot Ion:	153	Resp:	144244
Ion Ratio	Lower	Upper	
153	100		
152	47.7	36.6	54.8
154	85.8	70.6	106.0

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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: 8.295 ng/ul

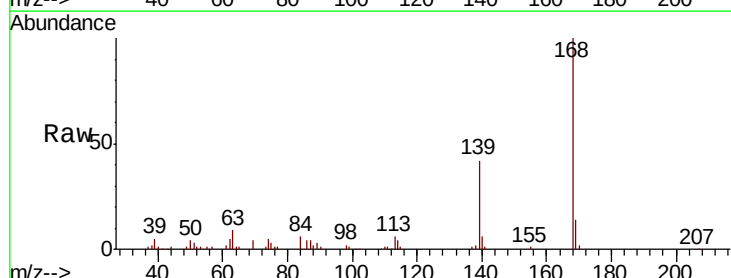
RT: 14.42 min Scan# 1943

Delta R.T. 0.01 min

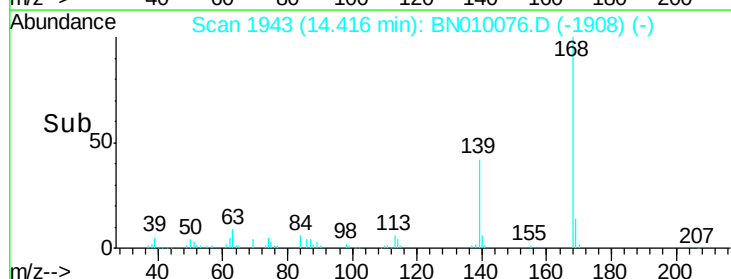
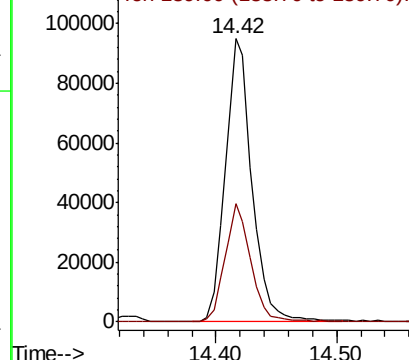
Lab File: BN010076.D

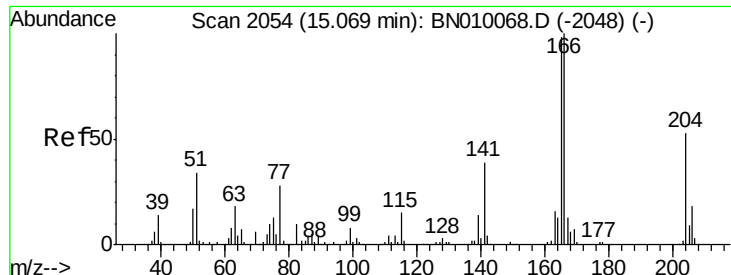
Acq: 03 Mar 2020 23:58

Tgt Ion:	168	Resp:	144583
Ion Ratio	Lower	Upper	
168	100		
139	41.6	32.7	49.1



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





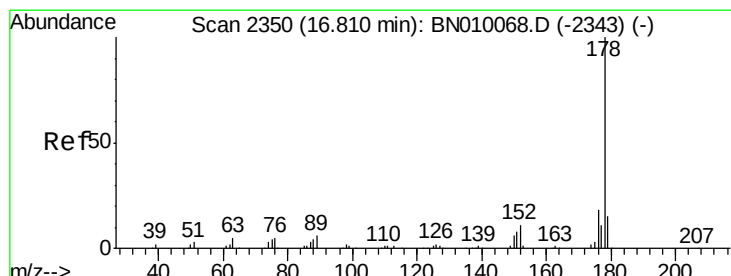
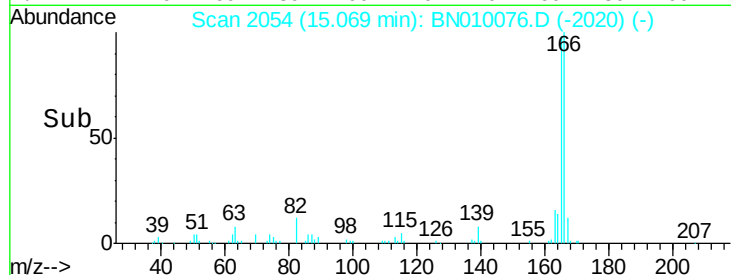
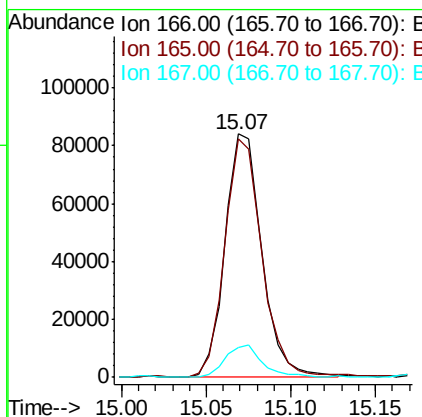
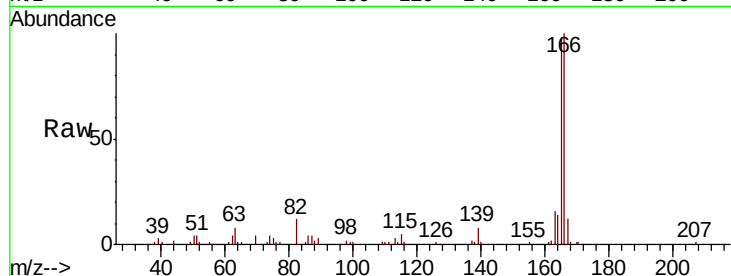
#59
Fluorene
 Concen: 8.749 ng/ul
 RT: 15.07 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BN010076.D
 Acq: 03 Mar 2020 23:58

Instrument :
 BNA_N
 ClientSampleID :
 DBDW0DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	12.2	10.7	16.1

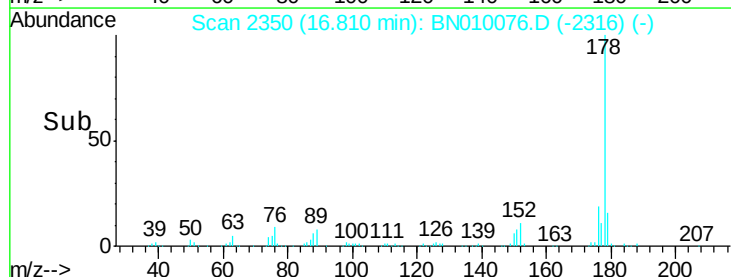
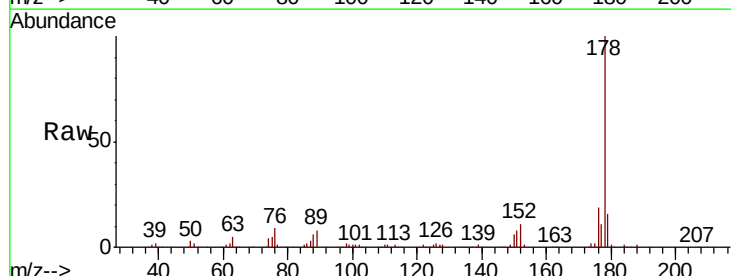
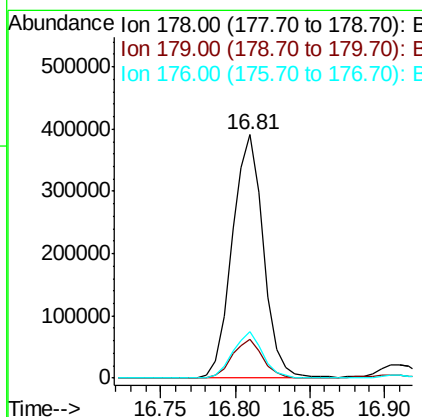
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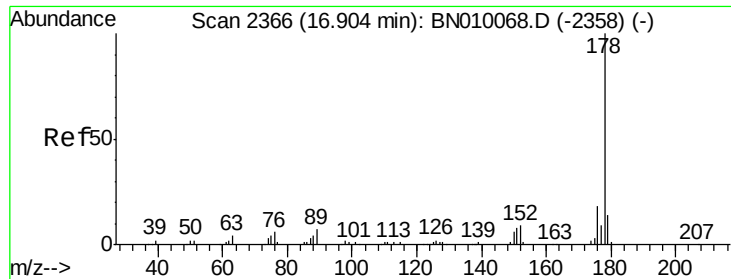
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#70
Phenanthrene
 Concen: 24.921 ng/ul
 RT: 16.81 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BN010076.D
 Acq: 03 Mar 2020 23:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.2	14.6	22.0





#72

Anthracene

Concen: 1.769 ng/ul

RT: 16.91 min Scan# 2367

Delta R.T. 0.01 min

Lab File: BN010076.D

Acq: 03 Mar 2020 23:58

Instrument :

BNA_N

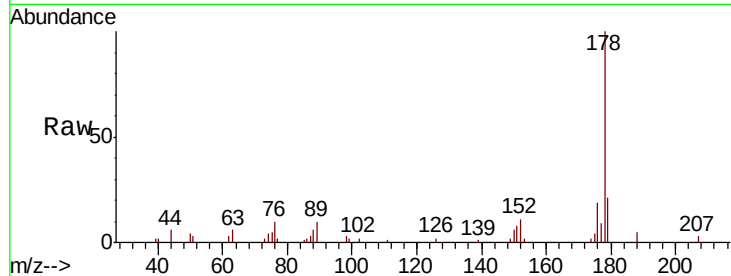
ClientSampleId :

DBDW0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.2	18.2#
176	19.3	14.6	21.8

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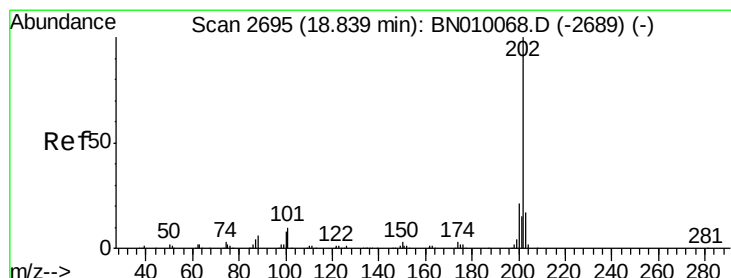
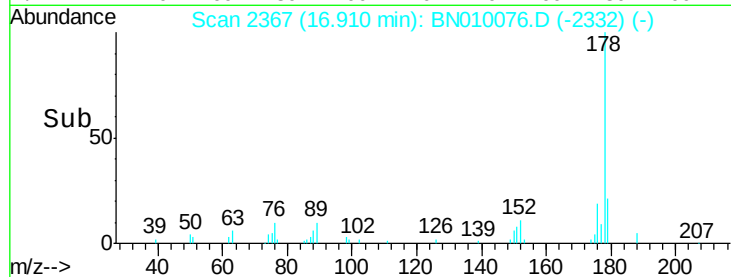
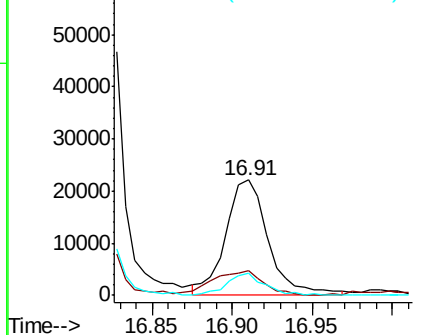


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 12.470 ng/ul

RT: 18.84 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BN010076.D

Acq: 03 Mar 2020 23:58

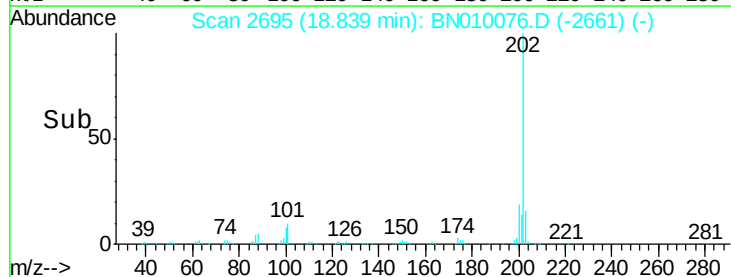
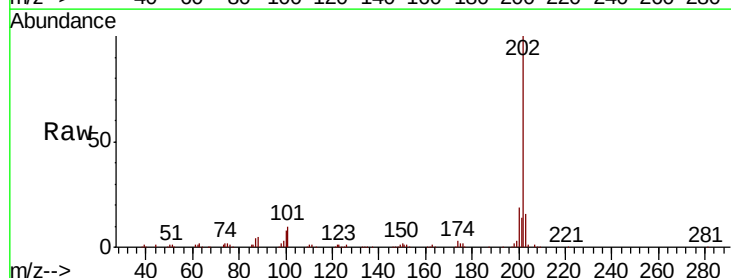
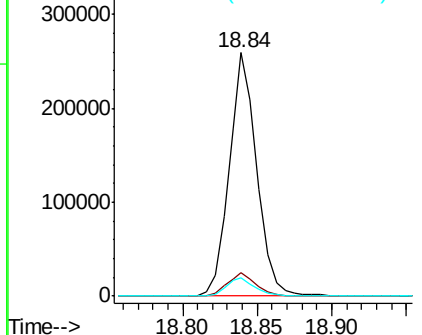
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.4	14.2
100	7.6	7.2	10.8

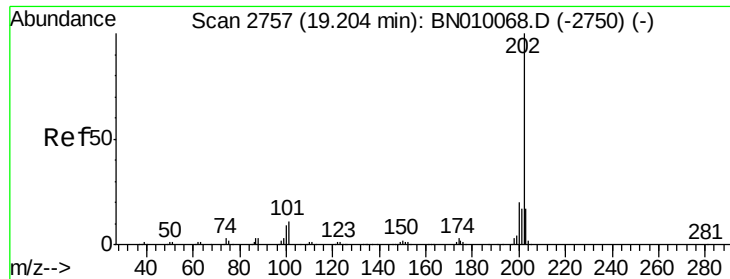
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





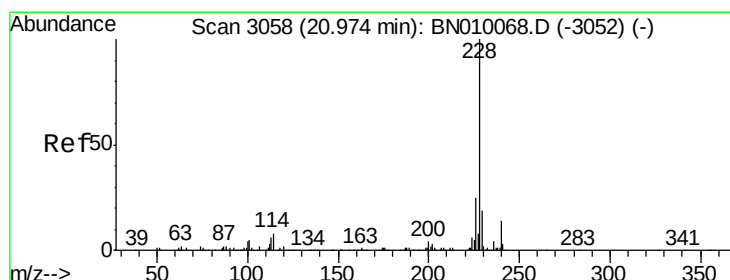
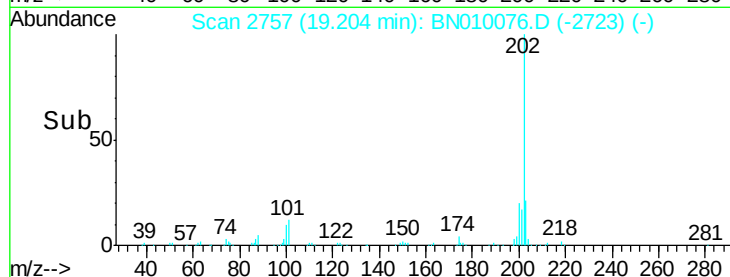
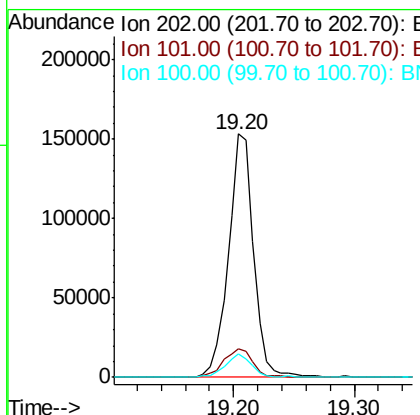
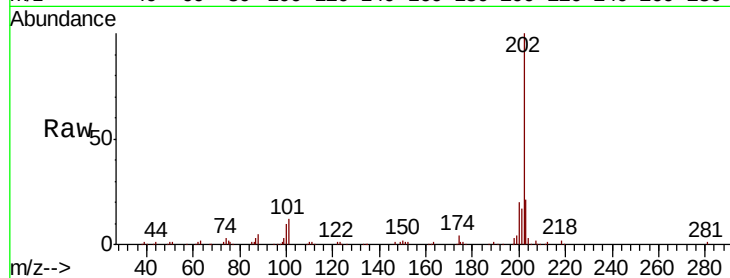
#80
Pvrene
Concen: 7.954 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Instrument :
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DBDW0DL

Tot Ion:	202	Resp:	222222
Ion Ratio	Lower	Upper	
202	100		
101	11.6	11.3	16.9
100	9.7	9.0	13.6

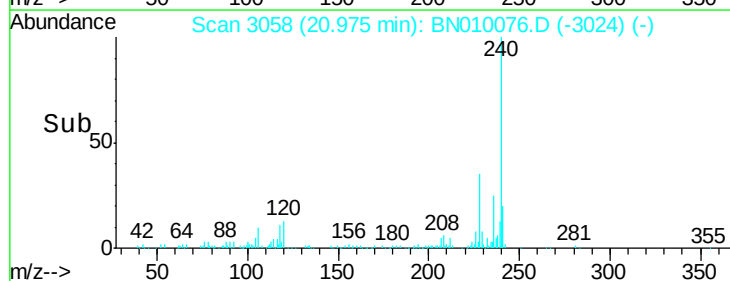
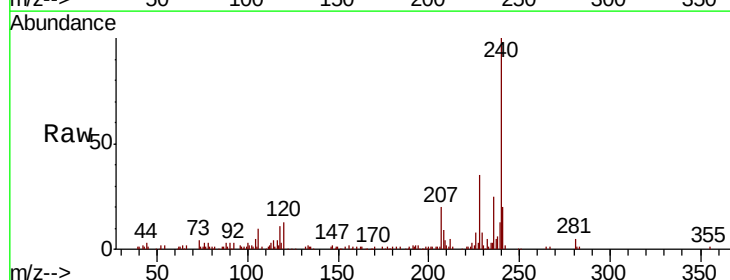
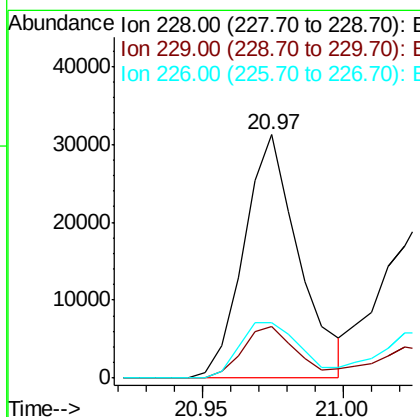
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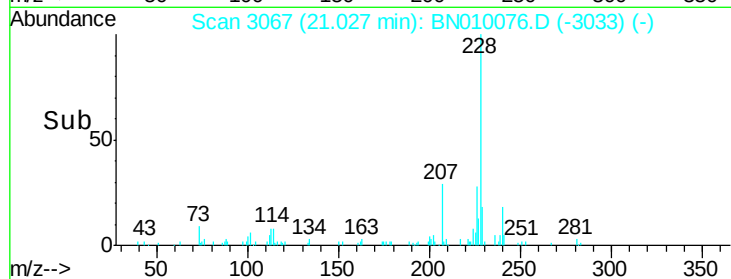
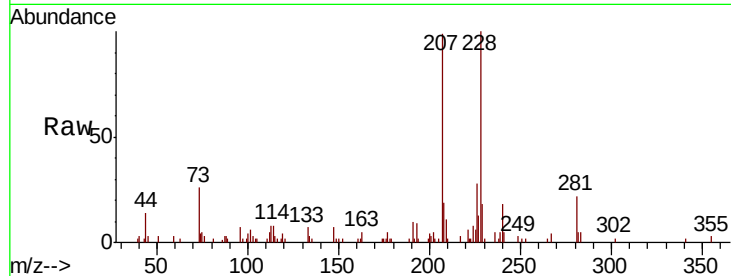
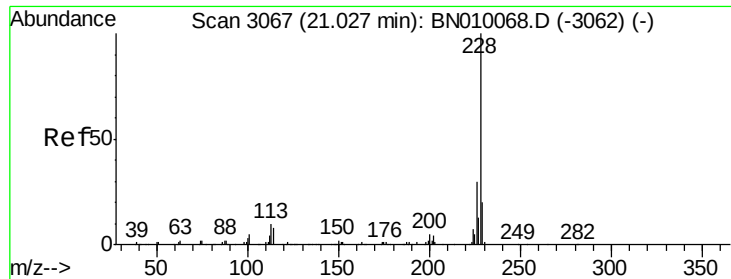
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#83
Benzo(a)anthracene
Concen: 1.589 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BN010076.D
Acq: 03 Mar 2020 23:58

Tgt Ion:	228	Resp:	42311
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.0	22.4
226	22.9	21.4	32.2





#85

Chrysene

Concen: 1.280 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN010076.D

Acq: 03 Mar 2020 23:58

Instrument :

BNA_N

ClientSampleId :

DBDW0DL

Tot Ion:	228	Resp:	33556
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.4	35.2
229	18.4	15.0	22.4

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