

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010059.D
 Acq On : 03 Mar 2020 13:08
 Operator : CG/JU
 Sample : L1507-20DL 30X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBD18DL

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:12 AM

Quant Time: Mar 03 14:40:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	54367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	257789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	170249	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	333418	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	361307	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	346390	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	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	11.78	142	117970	12.221	ng/ul	99
48) Acenaphthylene	13.73	152	23840	1.471	ng/ul#	90
50) Acenaphthene	14.07	153	855063	76.945	ng/ul	99
54) Dibenzofuran	14.41	168	814056	52.191	ng/ul	99
59) Fluorene	15.07	166	610829	46.664	ng/ul	100
70) Phenanthrene	16.82	178	2846406	149.589	ng/ul	99
72) Anthracene	16.90	178	333095	17.124	ng/ul	96
75) Carbazole	17.18	167	68768	4.014	ng/ul	96
77) Fluoranthene	18.84	202	2207190m	99.026	ng/ul	
80) Pyrene	19.21	202	1333656	51.199	ng/ul#	93
83) Benzo(a)anthracene	20.97	228	225857	9.096	ng/ul	99
85) Chrysene	21.03	228	177968	7.281	ng/ul	95
88) Benzo(b)fluoranthene	22.48	252	71996	3.206	ng/ul	98
91) Benzo(a)pyrene	23.00	252	26068	1.291	ng/ul#	85

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

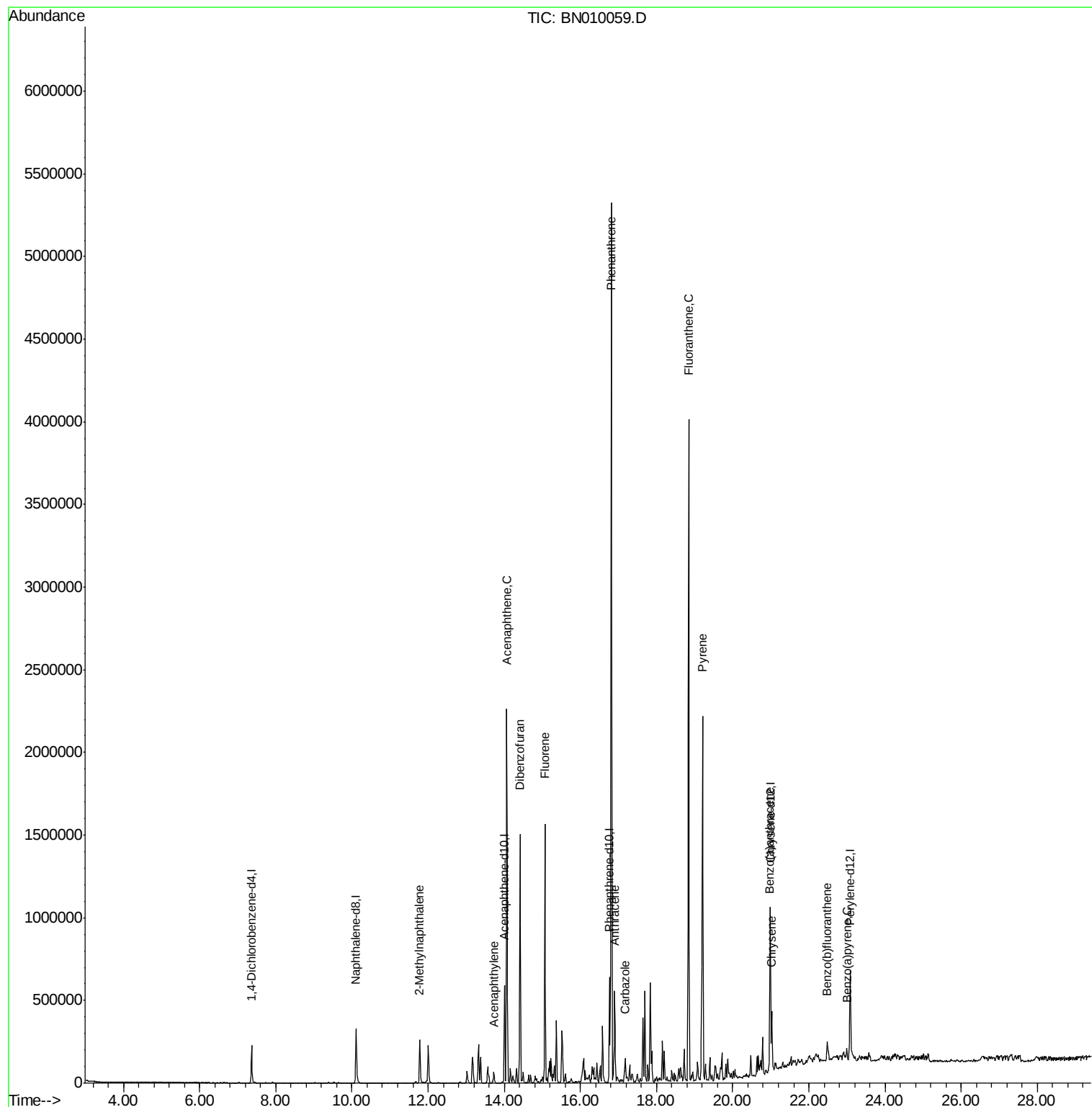
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Data File : BN010059.D
Acq On : 03 Mar 2020 13:08
Operator : CG/JU
Sample : L1507-20DL 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

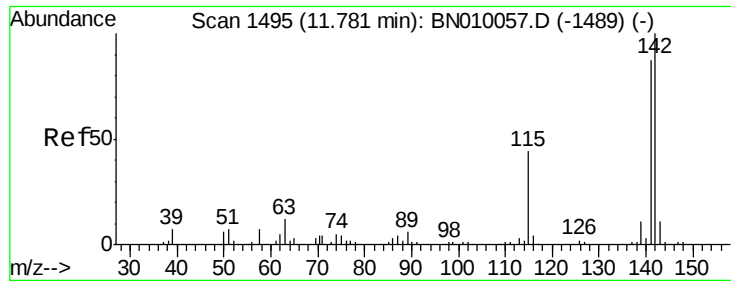
Instrument :
BNA_N
ClientSampleId :
DBD18DL

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Quant Time: Mar 03 14:40:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 12:28:17 2020
Response via : Initial Calibration





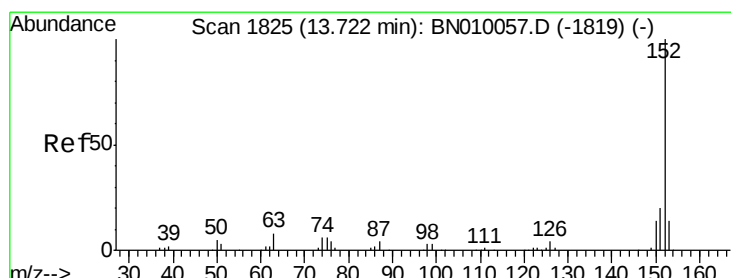
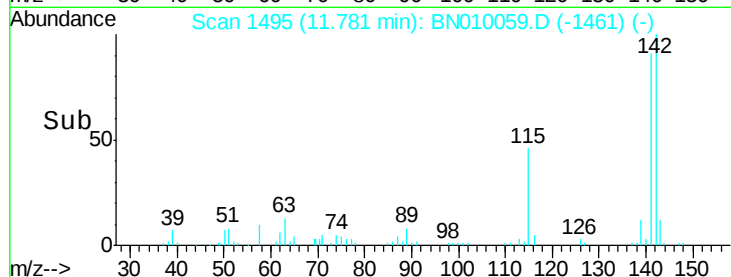
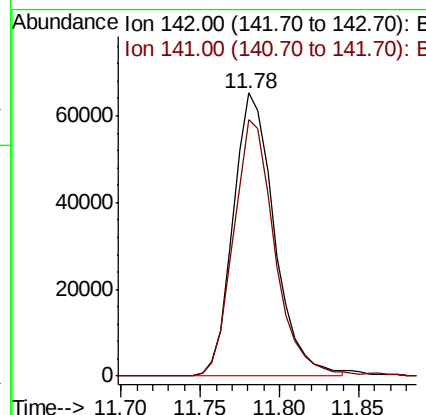
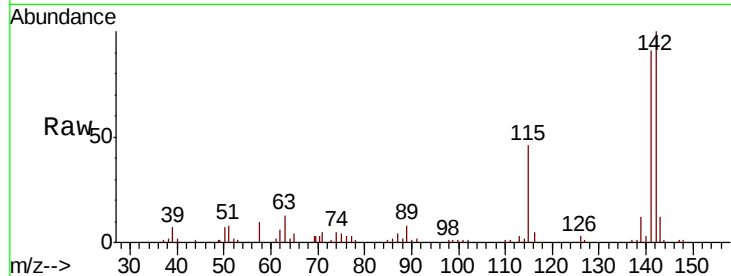
#34
2-Methylnaphthalene
Concen: 12.221 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Instrument :
BNA_N
ClientSampleId :
DBD18DL

Tot Ion:142 Resp: 117970
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1

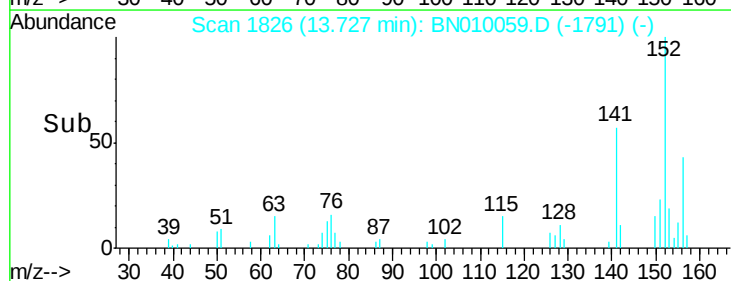
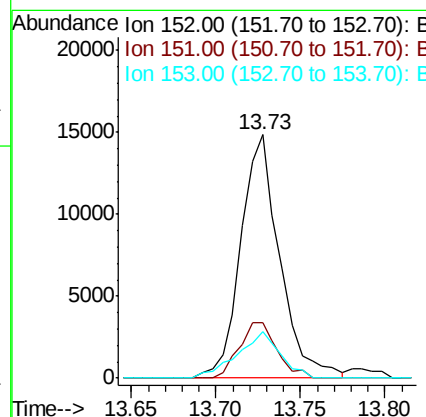
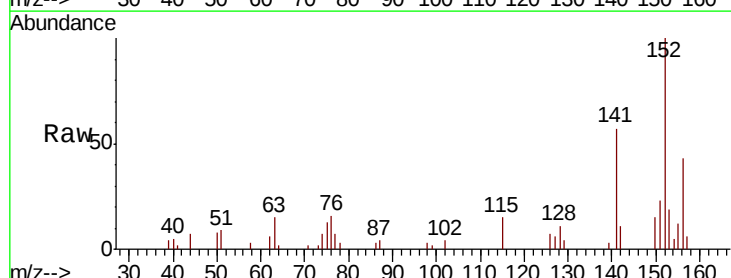
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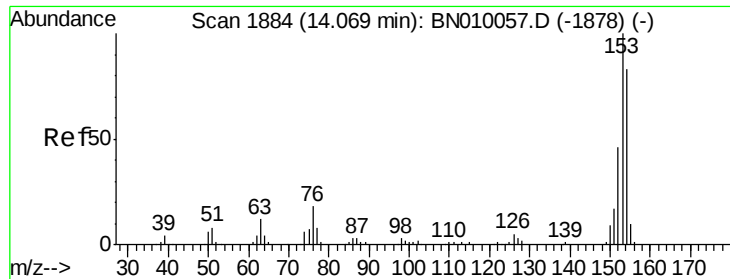
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#48
Acenaphthylene
Concen: 1.471 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Tgt Ion:152 Resp: 23840
Ion Ratio Lower Upper
152 100
151 22.8 15.7 23.5
153 19.0 10.3 15.5#





#50

Acenaphthene

Concen: 76.945 ng/ul

RT: 14.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BN010059.D

Acq: 03 Mar 2020 13:08

Instrument :

BNA_N

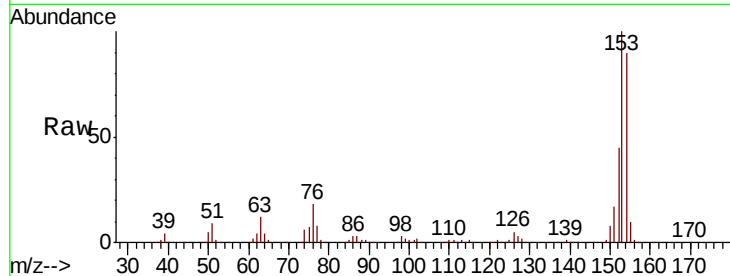
ClientSampleId :

DBD18DL

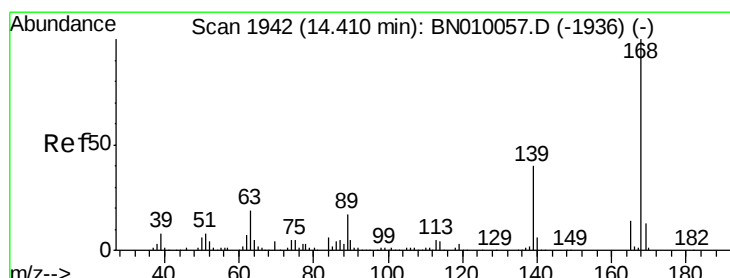
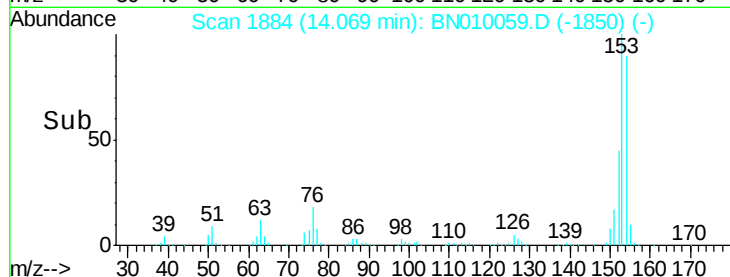
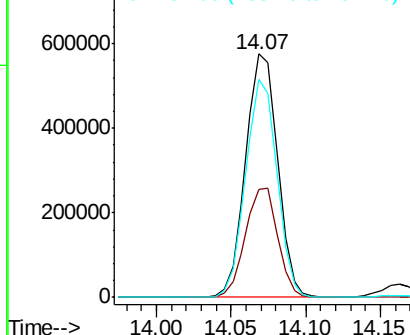
Tot Ion:	153	Resp:	855063
Ion Ratio	Lower	Upper	
153	100		
152	44.6	36.6	54.8
154	89.5	70.6	106.0

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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: 52.191 ng/ul

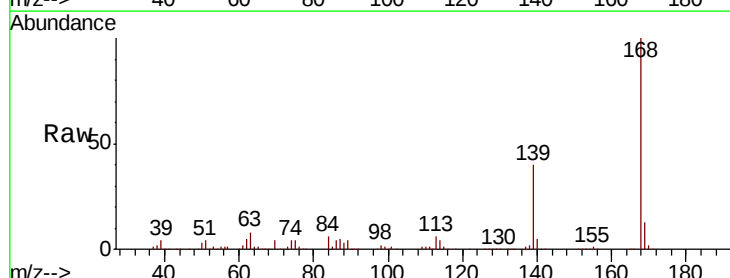
RT: 14.41 min Scan# 1942

Delta R.T. -0.00 min

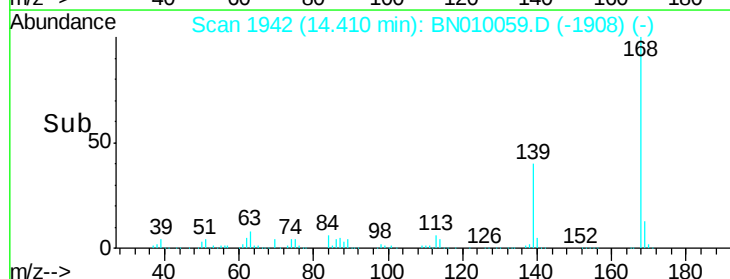
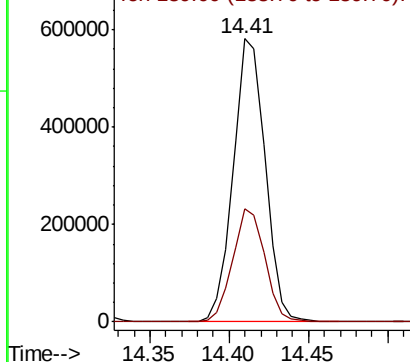
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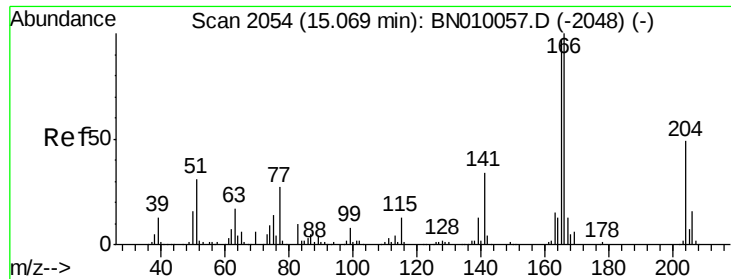
Acq: 03 Mar 2020 13:08

Tgt Ion:	168	Resp:	814056
Ion Ratio	Lower	Upper	
168	100		
139	40.0	32.7	49.1



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





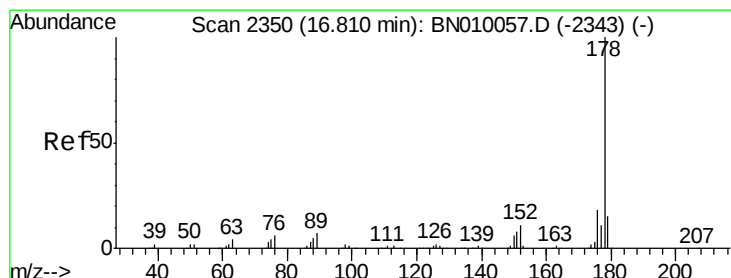
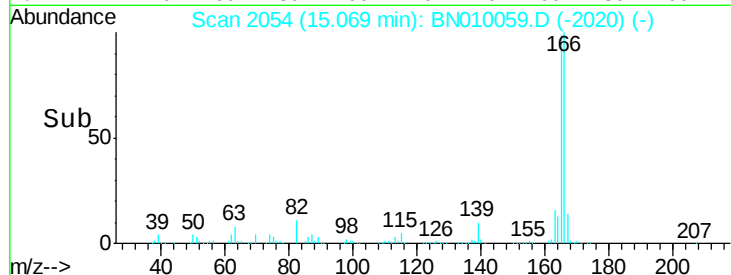
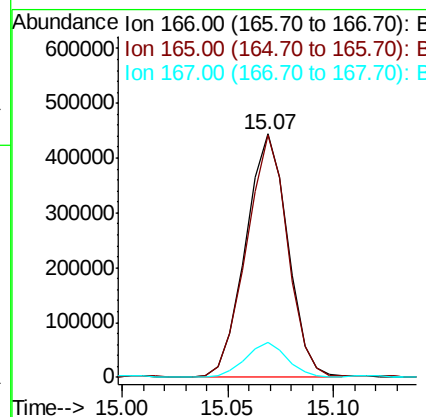
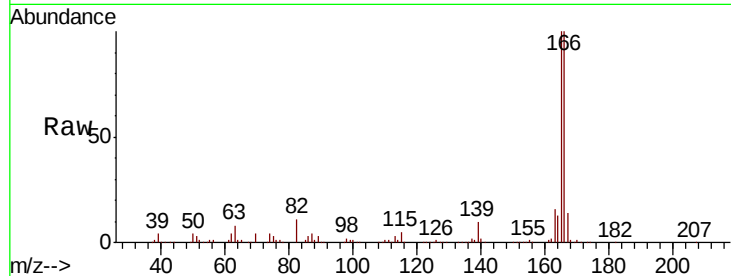
#59
Fluorene
 Concen: 46.664 ng/ul
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BN010059.D
 Acq: 03 Mar 2020 13:08

Instrument :
 BNA_N
 ClientSampleId :
 DBD18DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	14.2	10.7	16.1

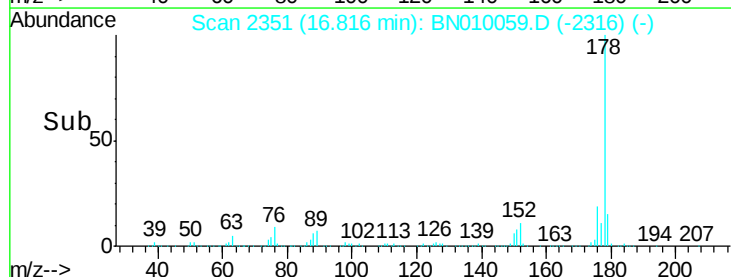
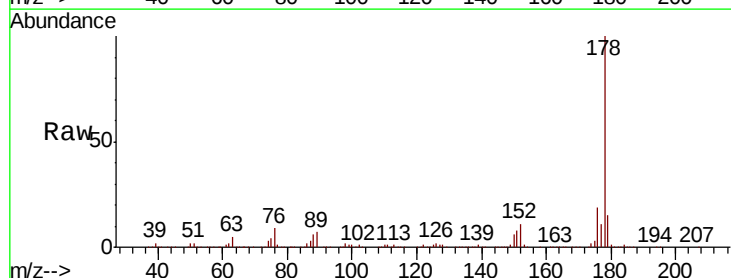
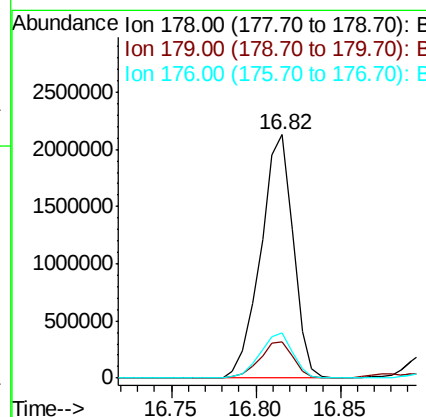
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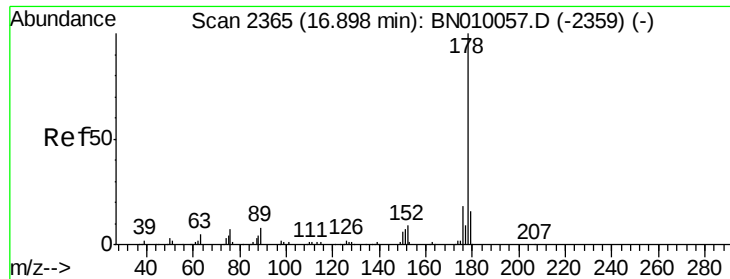
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#70
Phenanthrene
 Concen: 149.589 ng/ul
 RT: 16.82 min Scan# 2351
 Delta R.T. 0.01 min
 Lab File: BN010059.D
 Acq: 03 Mar 2020 13:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	18.5	14.6	22.0





#72

Anthracene

Concen: 17.124 ng/ul

RT: 16.90 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BN010059.D

Acq: 03 Mar 2020 13:08

Instrument :

BNA_N

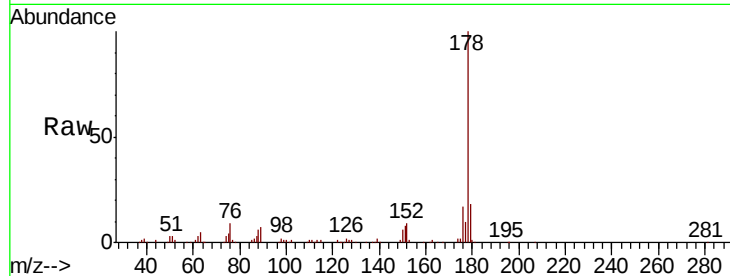
ClientSampleId :

DBD18DL

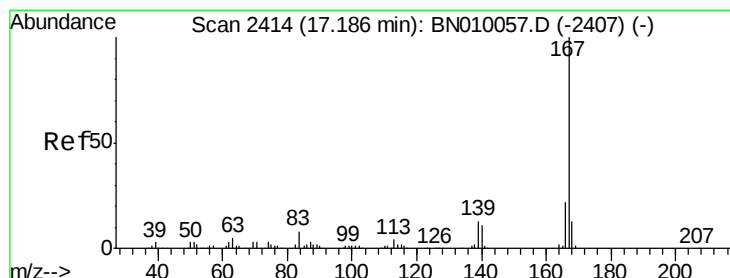
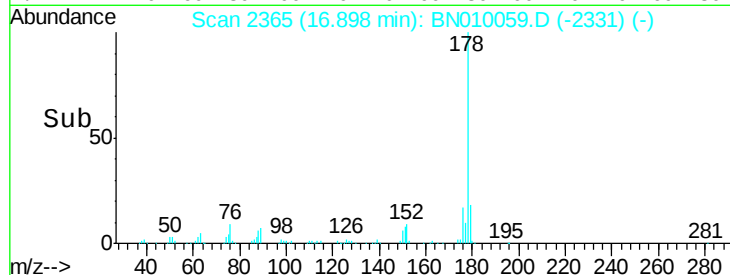
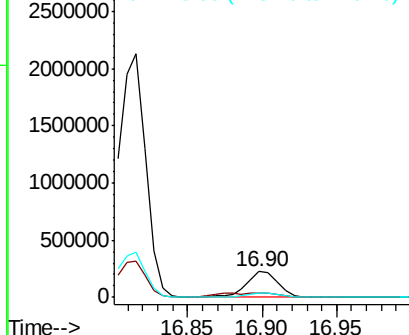
Tot Ion:	178	Resp:	333095
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.2	18.2
176	17.2	14.6	21.8

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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



#75

Carbazole

Concen: 4.014 ng/ul

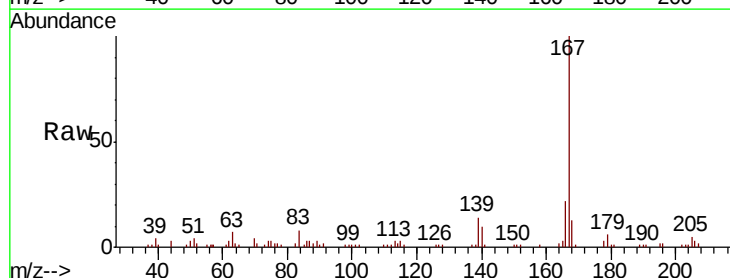
RT: 17.18 min Scan# 2413

Delta R.T. -0.01 min

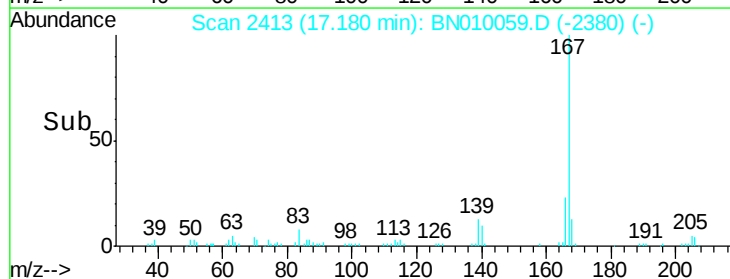
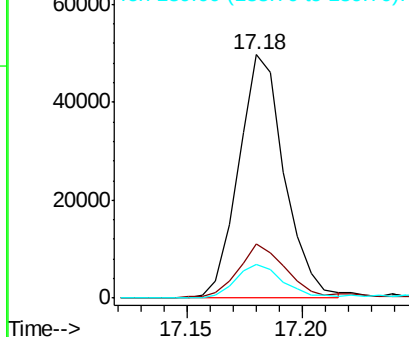
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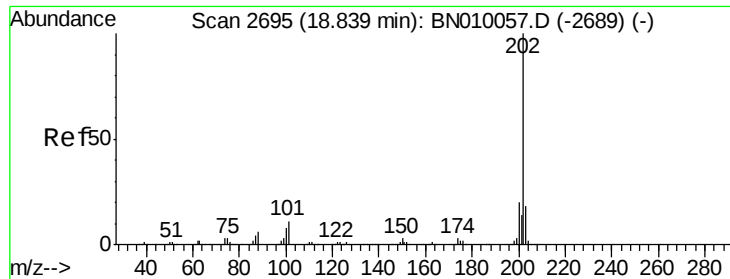
Acq: 03 Mar 2020 13:08

Tgt Ion:	167	Resp:	68768
Ion Ratio	Lower	Upper	
167	100		
166	22.5	16.6	24.8
139	14.1	9.9	14.9



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





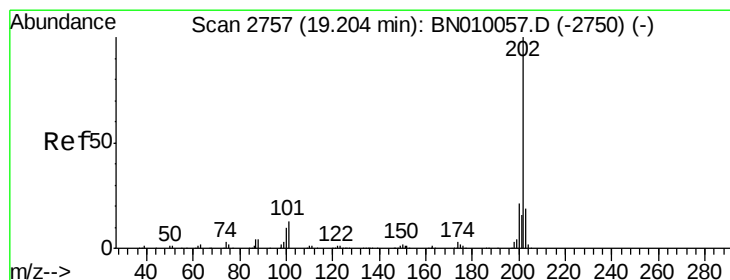
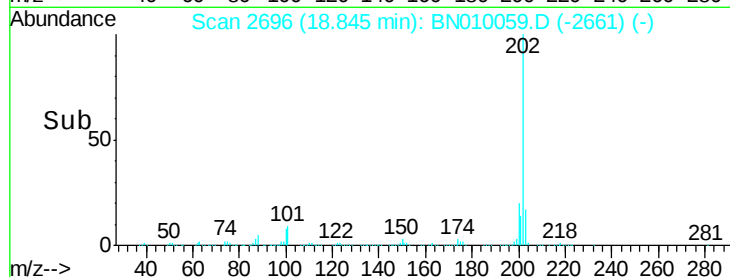
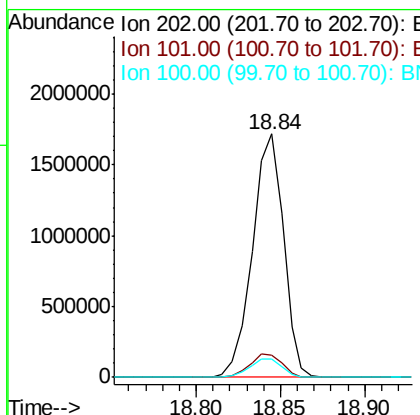
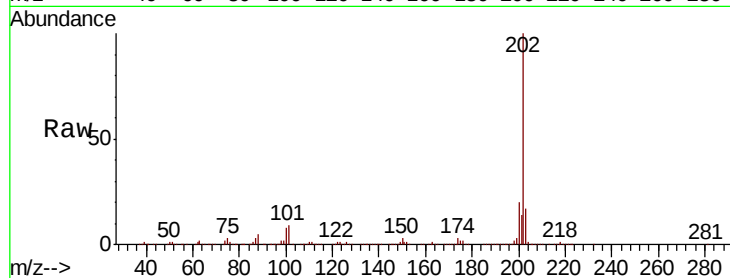
#77
Fluoranthene
Concen: 99.026 ng/ul m
RT: 18.84 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Instrument :
BNA_N
ClientSampleId :
DBD18DL

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	9.4	9.4	14.2#	
100	7.6	7.2	10.8	

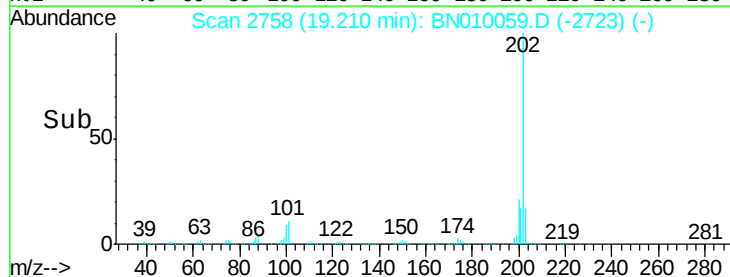
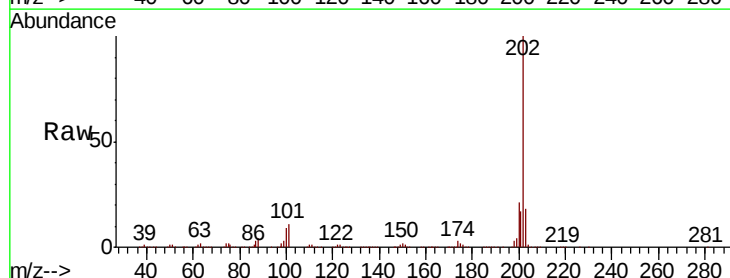
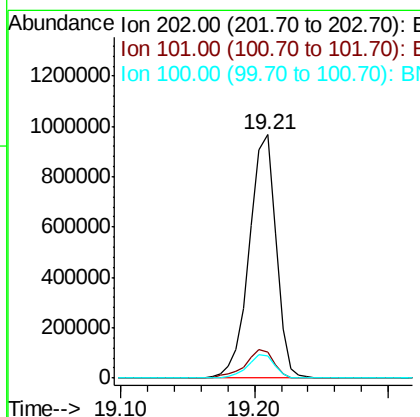
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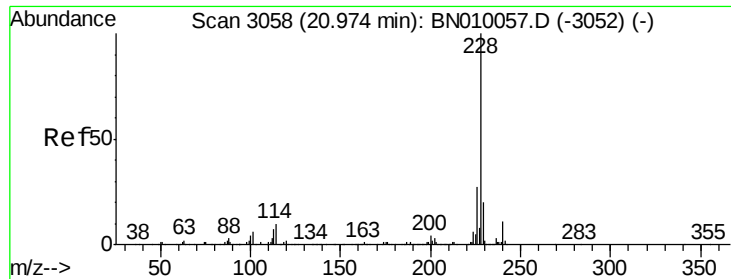
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#80
Pyrene
Concen: 51.199 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	10.9	11.3	16.9#	
100	9.3	9.0	13.6	





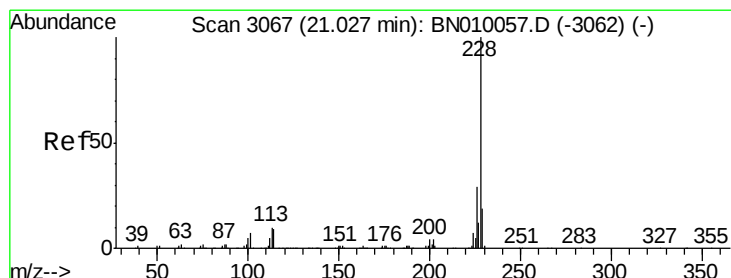
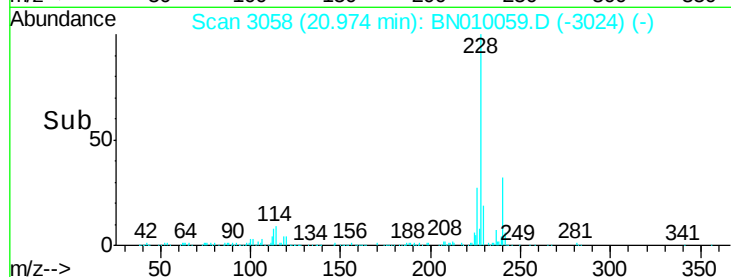
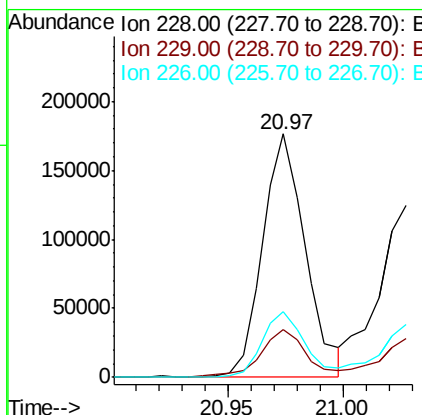
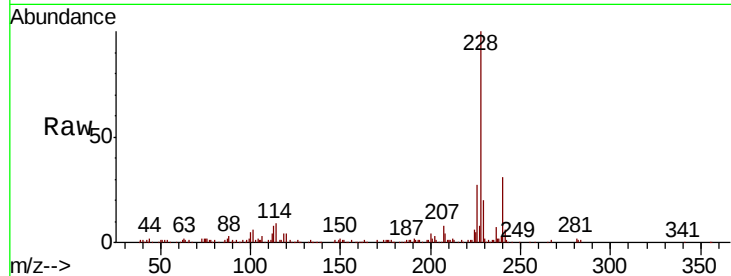
#83
Benzo(a)anthracene
Concen: 9.096 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Instrument :
BNA_N
ClientSampleId :
DBD18DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.0	22.4
226	27.0	21.4	32.2

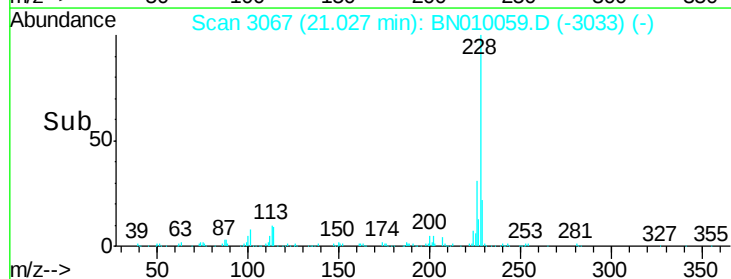
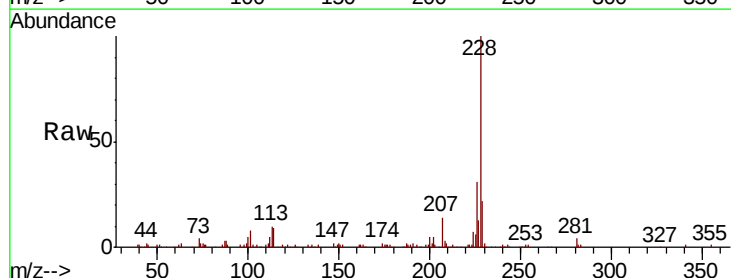
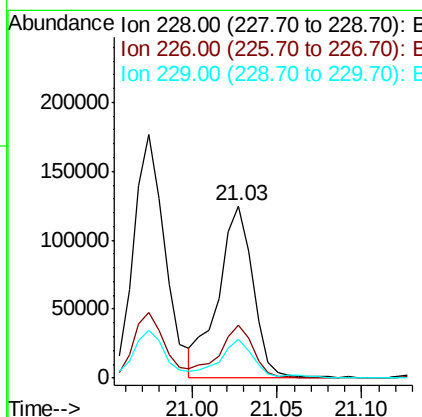
Manual Integrations
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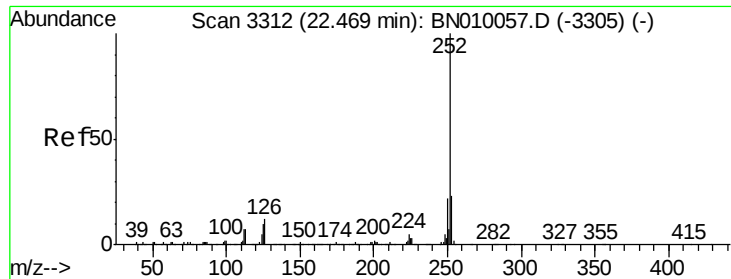
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#85
Chrysene
Concen: 7.281 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	22.2	15.0	22.4





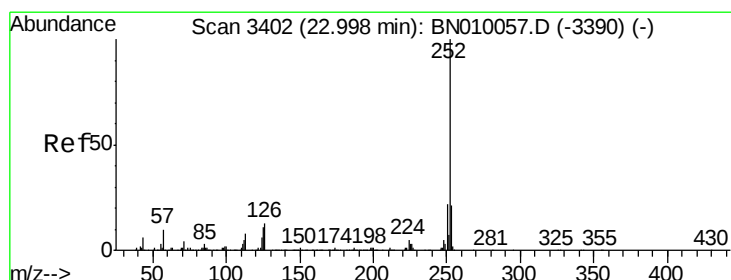
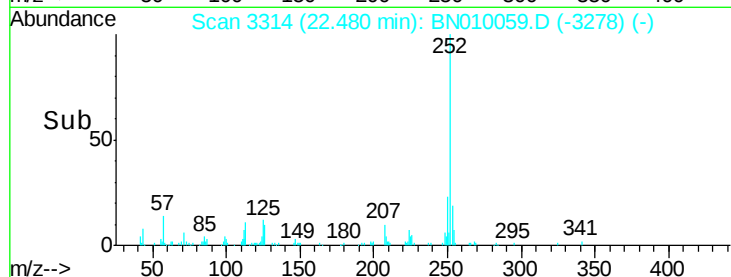
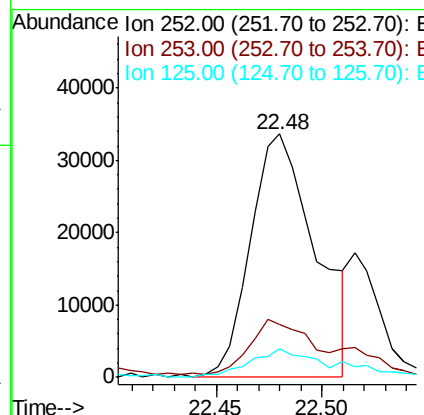
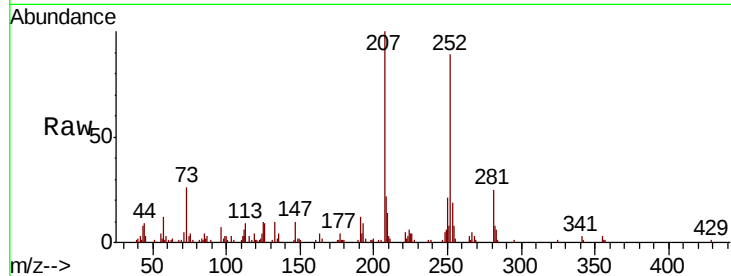
#88
Benzo(b)fluoranthene
Concen: 3.206 ng/ul
RT: 22.48 min Scan# 3314
Delta R.T. 0.01 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Instrument :
BNA_N
ClientSampleId :
DBD18DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	11.7	8.0	12.0

Manual Integrations
APPROVED

mohammad
3/4/2020 7:51:12 AM



#91
Benzo(a)pyrene
Concen: 1.291 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. -0.00 min
Lab File: BN010059.D
Acq: 03 Mar 2020 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.4	26.0#
125	15.4	9.0	13.6#

