

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010061.D
 Acq On : 03 Mar 2020 14:39
 Operator : CG/JU
 Sample : L1507-17DL 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBD15DL

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:27 AM

Quant Time: Mar 03 15:27:30 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	7.37	152	61565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	224335	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	146100	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	329756	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	314873	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	318921	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	
28) Naphthalene	10.16	128	510361	42.188	ng/ul	99
34) 2-Methylnaphthalene	11.78	142	395620	47.097	ng/ul	97
41) 1,1'-Biphenyl	12.83	154	114679	10.220	ng/ul	98
50) Acenaphthene	14.07	153	703698	73.791	ng/ul	99
54) Dibenzofuran	14.42	168	632167	47.229	ng/ul	98
59) Fluorene	15.07	166	552924	49.222	ng/ul	98
70) Phenanthrene	16.82	178	3114909	165.517	ng/ul	98
72) Anthracene	16.90	178	324100	16.847	ng/ul	99
75) Carbazole	17.18	167	131010	7.733	ng/ul	99
77) Fluoranthene	18.85	202	2439174	110.650	ng/ul	96
80) Pyrene	19.21	202	1696920	74.751	ng/ul#	93
83) Benzo(a)anthracene	20.97	228	441257	20.392	ng/ul	98
85) Chrysene	21.03	228	253673	11.908	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	238497	11.534	ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	70997m	3.626	ng/ul	
91) Benzo(a)pyrene	23.00	252	136579	7.344	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	37041	1.678	ng/ul#	89
94) Benzo(g,h,i)perylene	25.75	276	24229	1.309	ng/ul	98

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

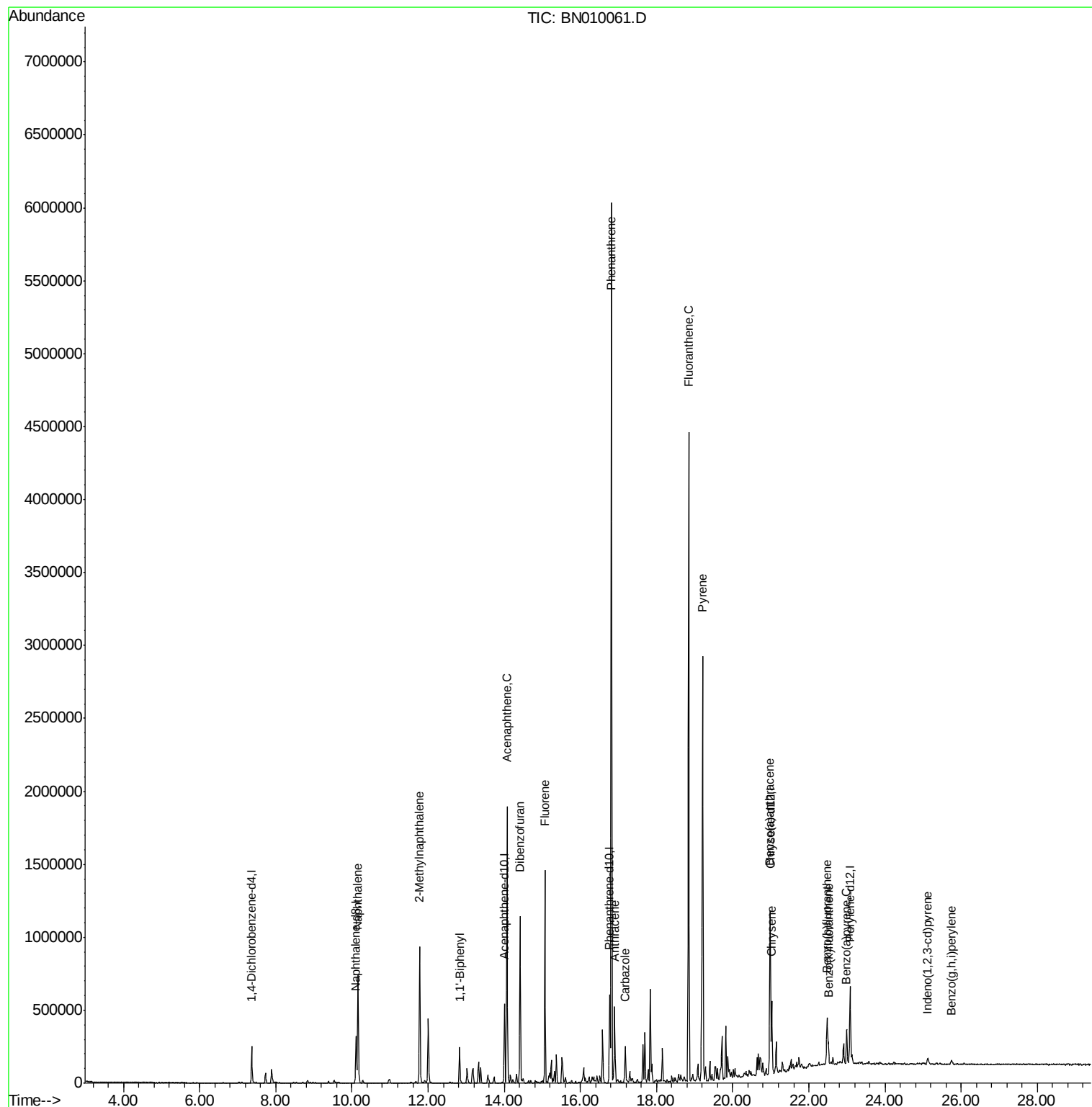
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010061.D
Acq On : 03 Mar 2020 14:39
Operator : CG/JU
Sample : L1507-17DL 30X
Misc :
ALS Vial : 6 Sample Multiplier: 1

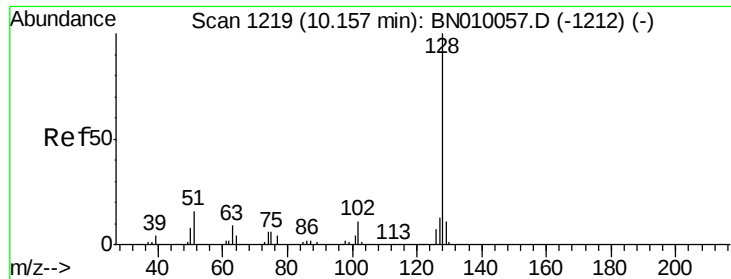
Instrument :
BNA_N
ClientSampleId :
DBD15DL

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Quant Time: Mar 03 15:27:30 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





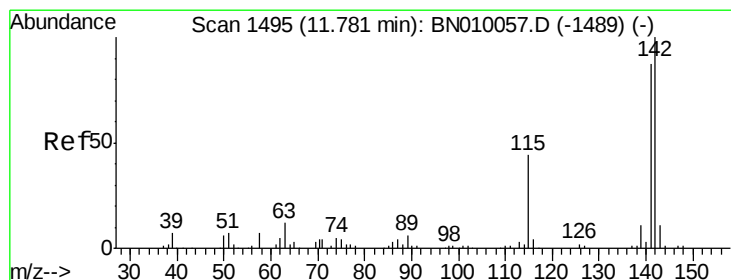
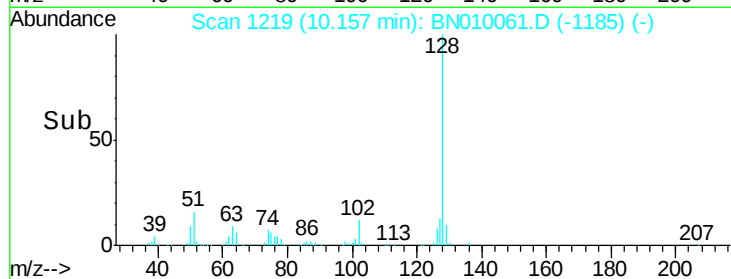
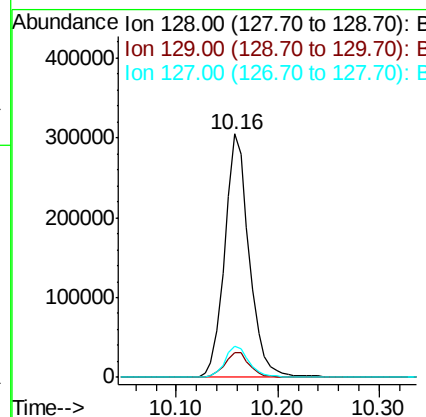
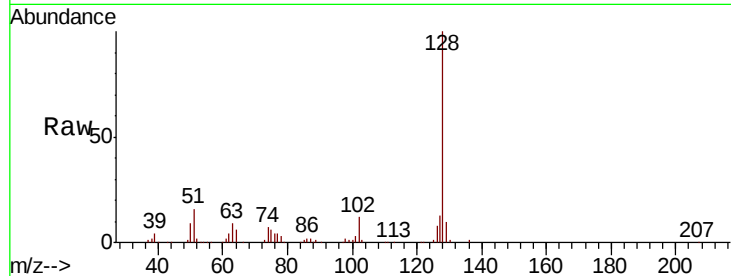
#28
Naphthalene
Concen: 42.188 ng/ul
RT: 10.16 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Instrument :
BNA_N
ClientSampleId :
DBD15DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.3	8.6	13.0	
127	12.6	10.3	15.5	

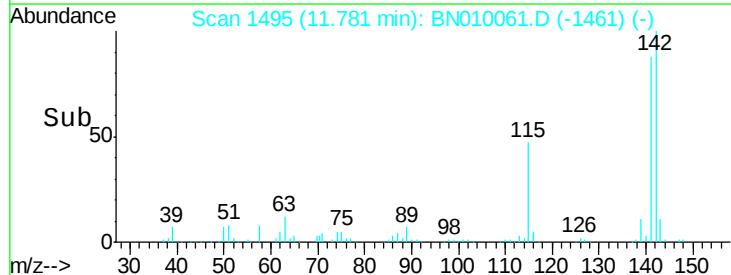
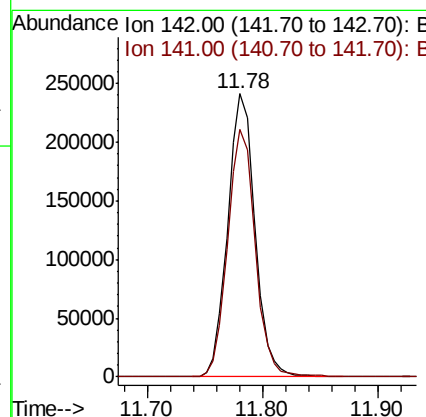
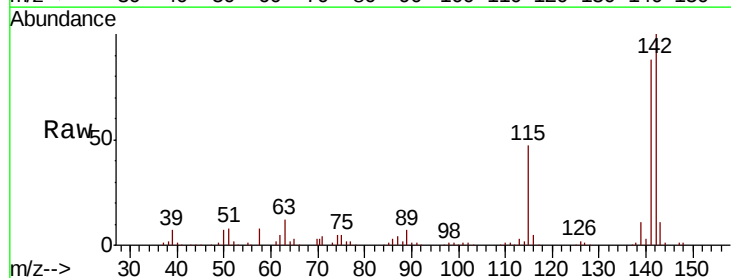
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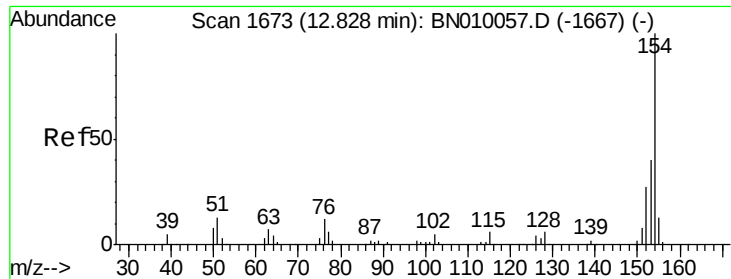
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#34
2-Methylnaphthalene
Concen: 47.097 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	87.6	72.1	108.1	





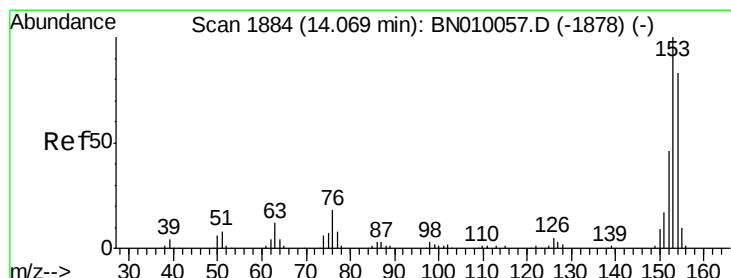
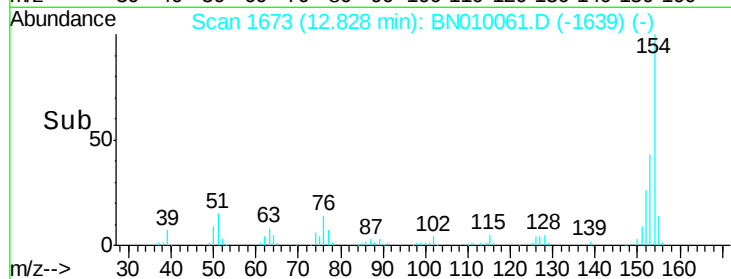
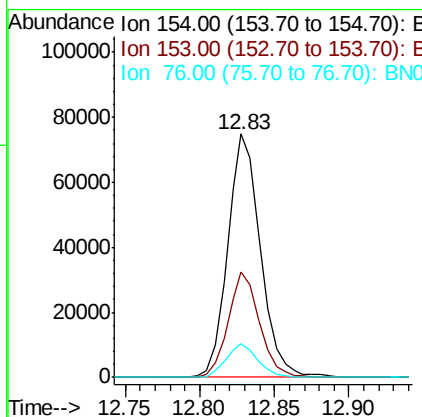
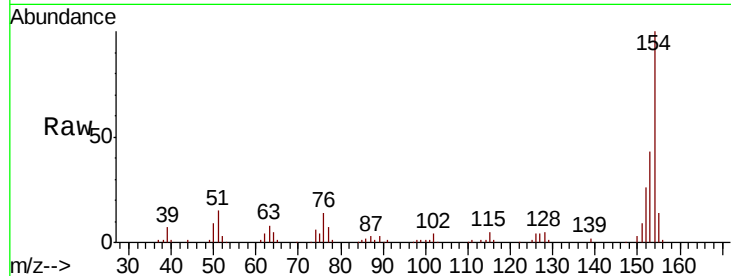
#41
 1,1'-Biphenyl
 Concen: 10.220 ng/ul
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BN010061.D
 Acq: 03 Mar 2020 14:39

Instrument :
 BNA_N
 ClientSampled :
 DBD15DL

Tot Ion:	154	Resp:	114679
Ion Ratio	Lower	Upper	
154	100		
153	43.3	33.2	49.8
76	14.1	11.0	16.4

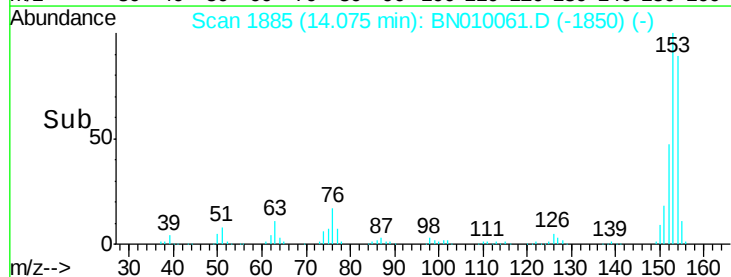
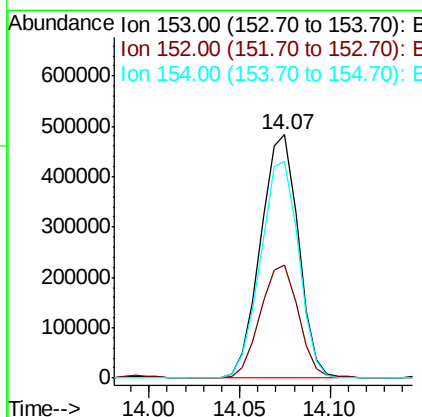
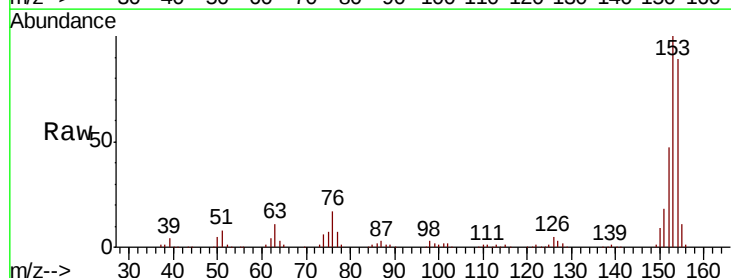
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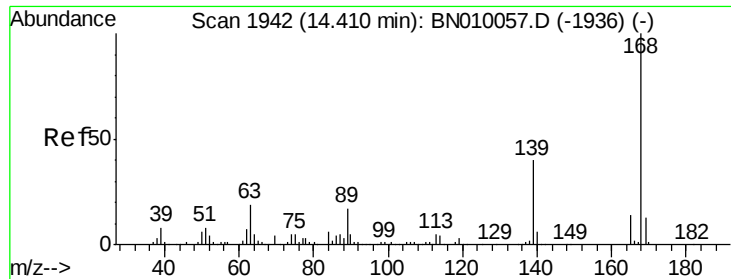
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#50
 Acenaphthene
 Concen: 73.791 ng/ul
 RT: 14.07 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: BN010061.D
 Acq: 03 Mar 2020 14:39

Tgt Ion:	153	Resp:	703698
Ion Ratio	Lower	Upper	
153	100		
152	46.5	36.6	54.8
154	89.0	70.6	106.0





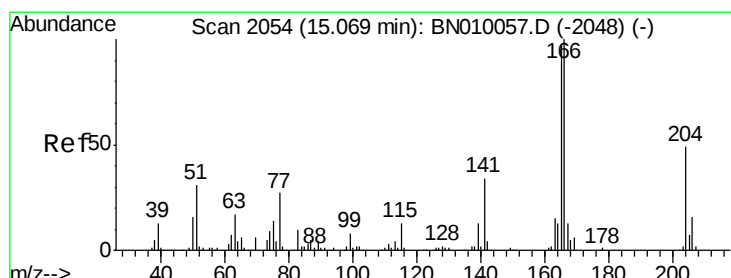
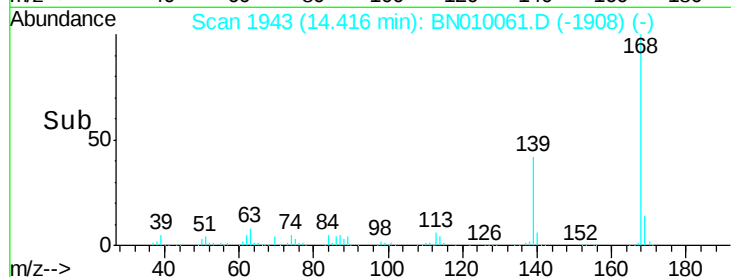
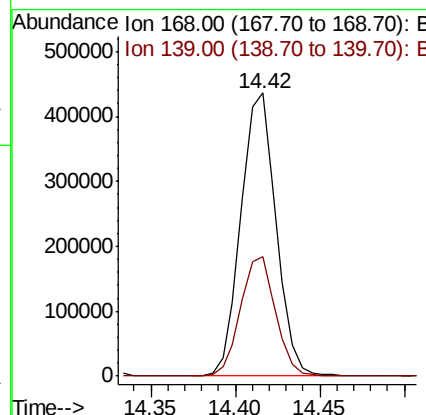
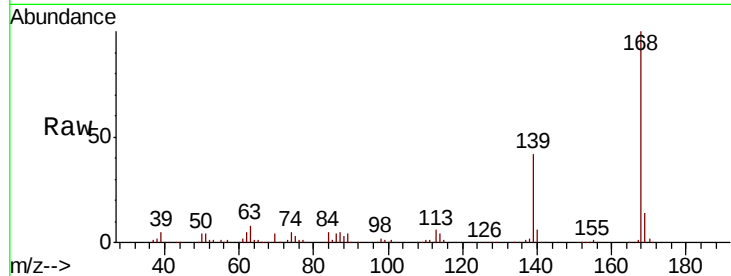
#54
Dibenzofuran
Concen: 47.229 ng/ul
RT: 14.42 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Instrument :
BNA_N
ClientSampled :
DBD15DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.4	32.7	49.1

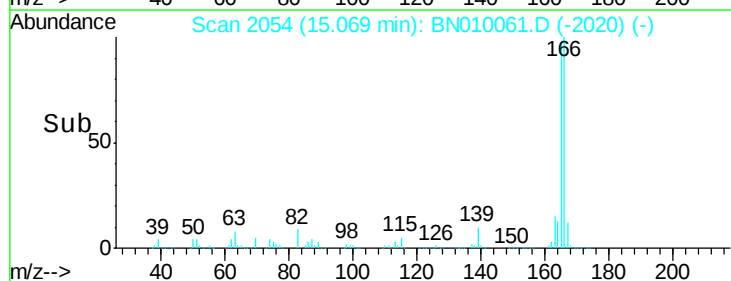
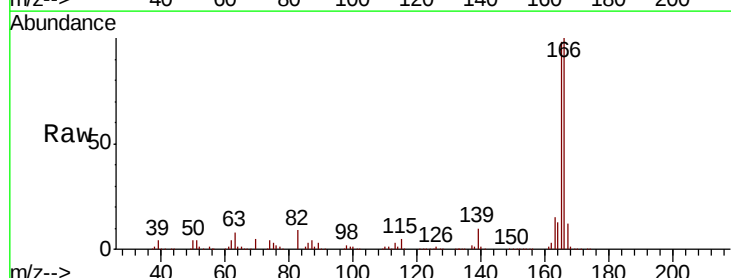
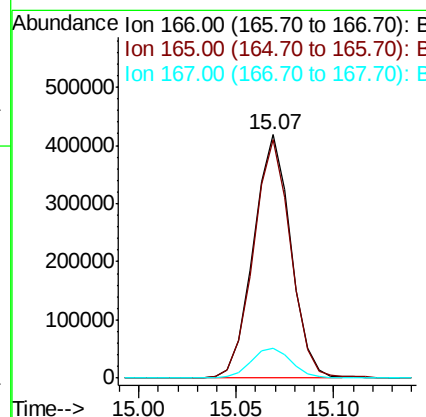
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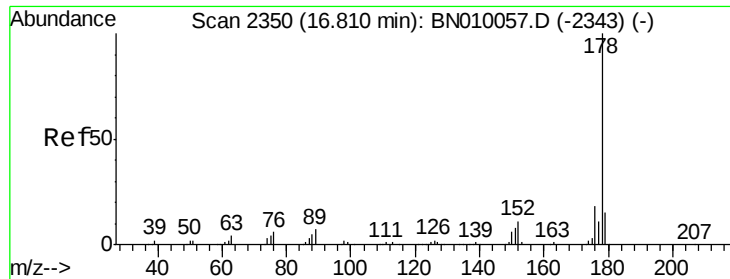
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#59
Fluorene
Concen: 49.222 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	12.4	10.7	16.1





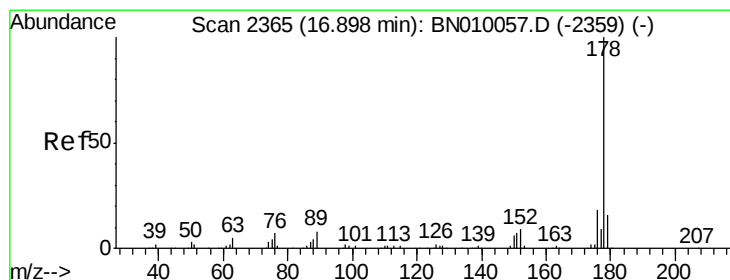
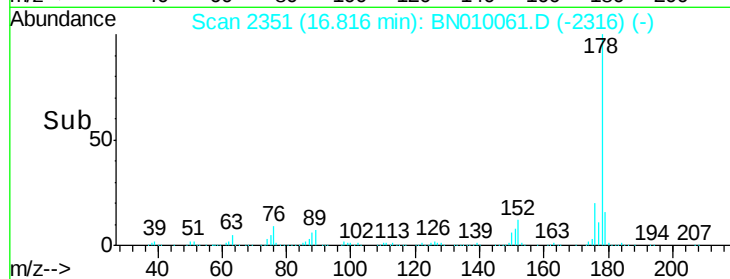
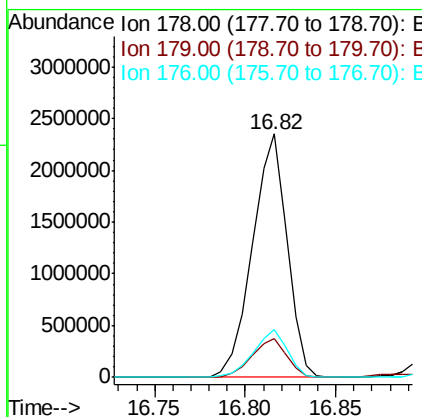
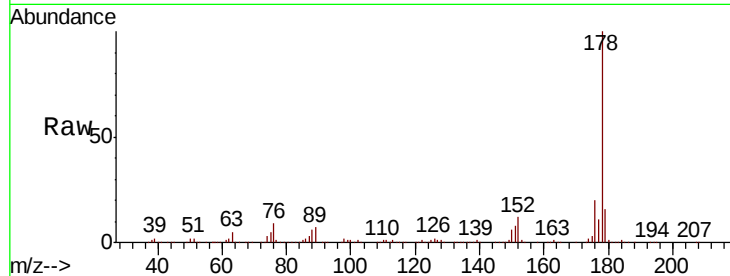
#70
Phenanthrene
Concen: 165.517 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. 0.01 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Instrument :
BNA_N
ClientSampleId :
DBD15DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.7	14.6	22.0

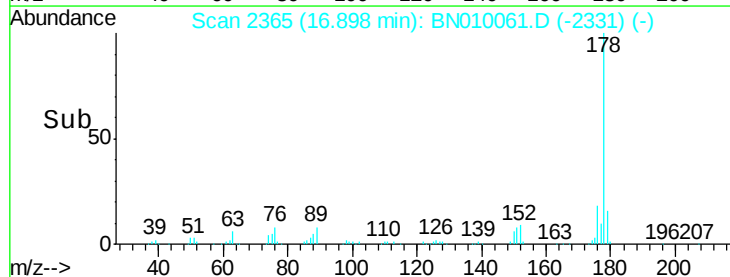
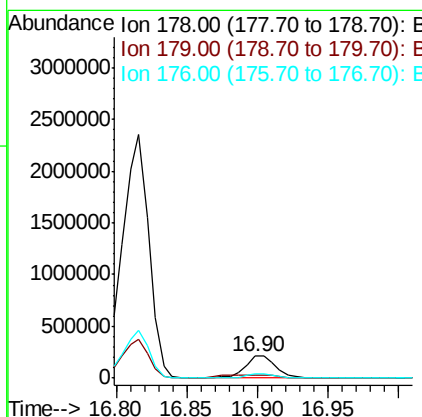
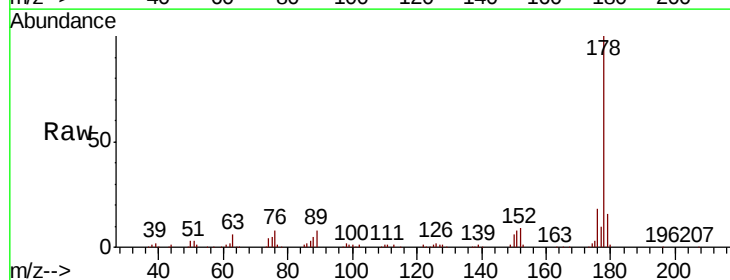
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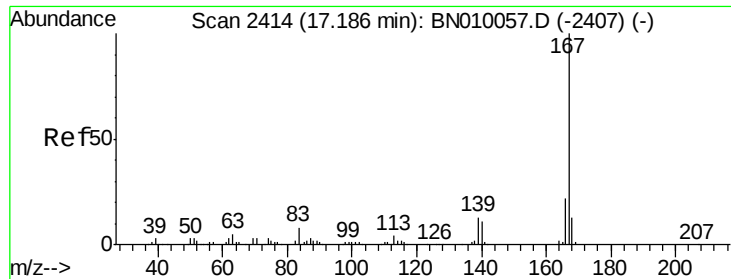
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#72
Anthracene
Concen: 16.847 ng/ul
RT: 16.90 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	17.9	14.6	21.8





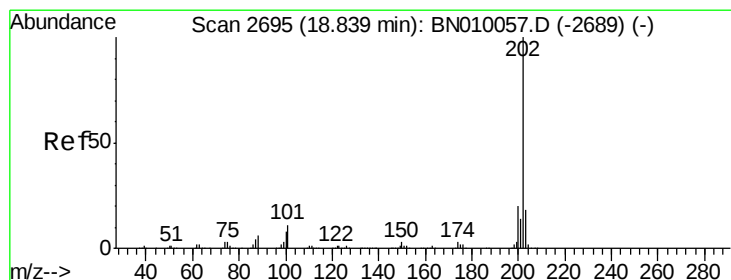
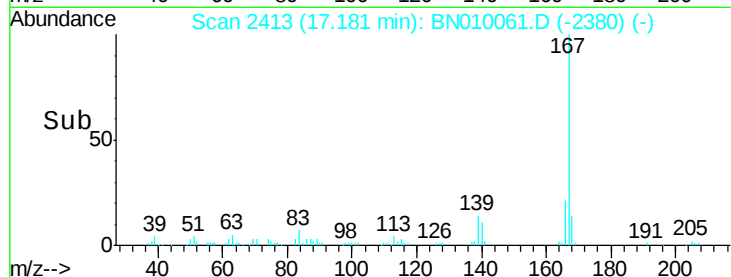
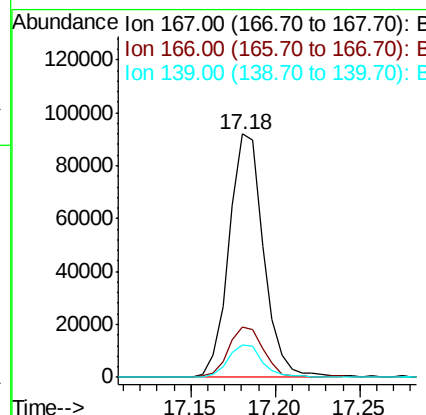
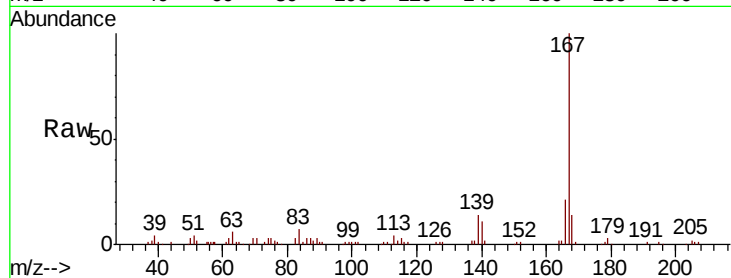
#75
 Carbazole
 Concen: 7.733 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BN010061.D
 Acq: 03 Mar 2020 14:39

Instrument :
 BNA_N
 ClientSampleId :
 DBD15DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	16.6	24.8
139	13.6	9.9	14.9

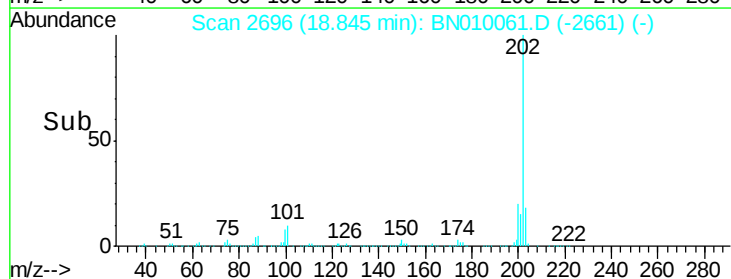
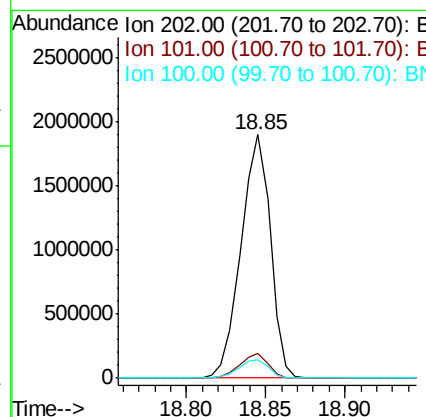
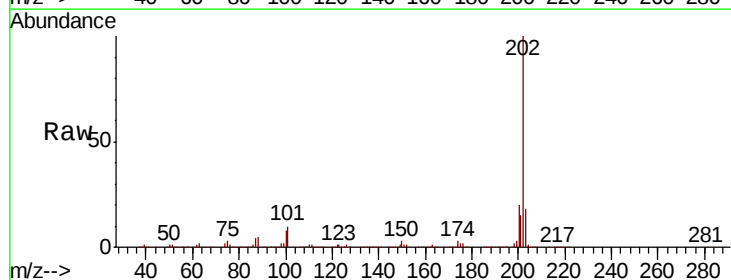
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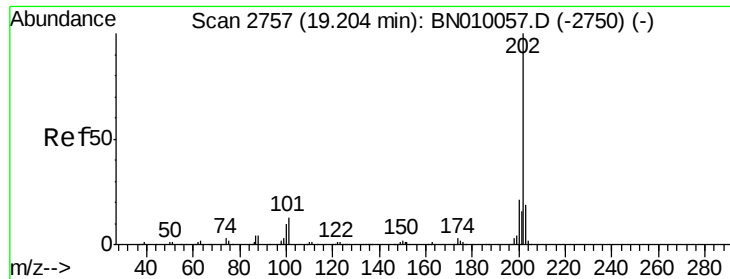
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#77
 Fluoranthene
 Concen: 110.650 ng/ul
 RT: 18.85 min Scan# 2696
 Delta R.T. 0.01 min
 Lab File: BN010061.D
 Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	9.4	14.2
100	7.6	7.2	10.8





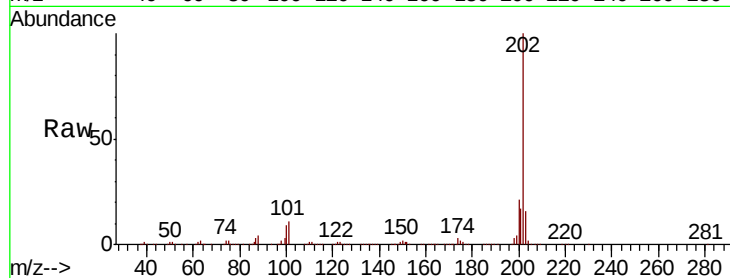
#80
Pvrene
Concen: 74.751 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Instrument :
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ClientSampleId :
DBD15DL

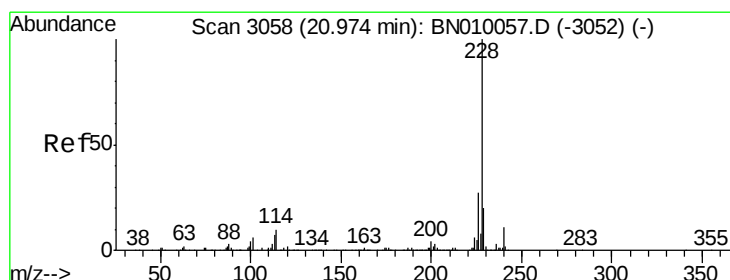
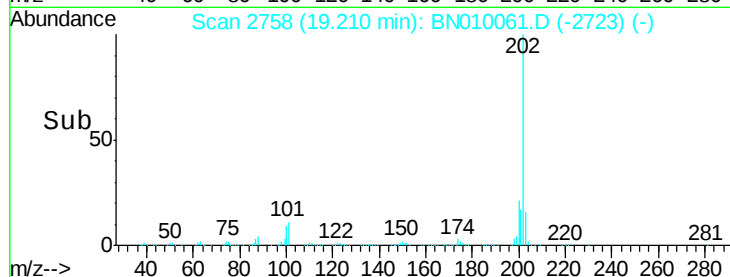
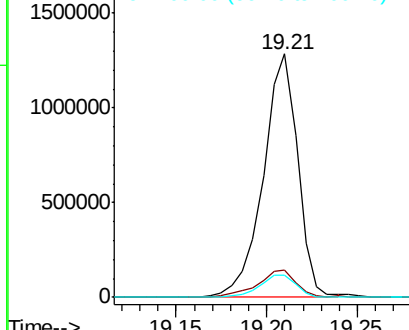
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	11.3	16.9#
100	9.1	9.0	13.6

Manual Integrations
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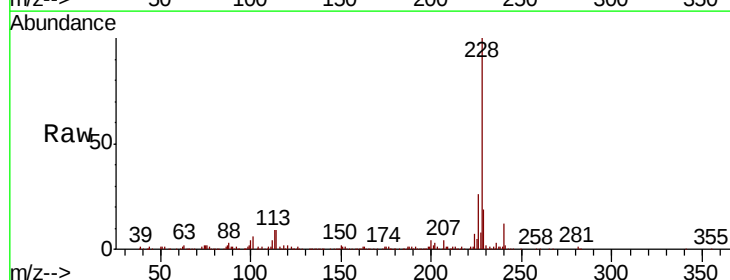


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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

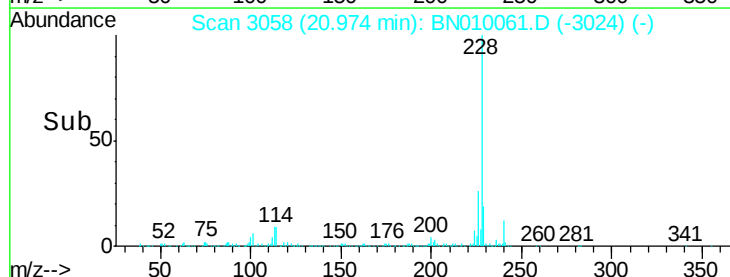
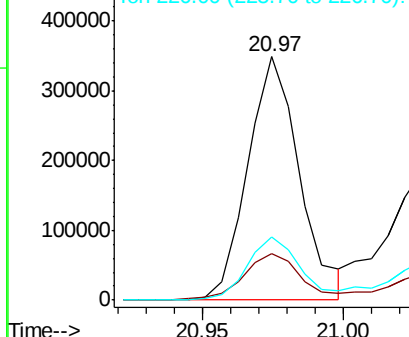


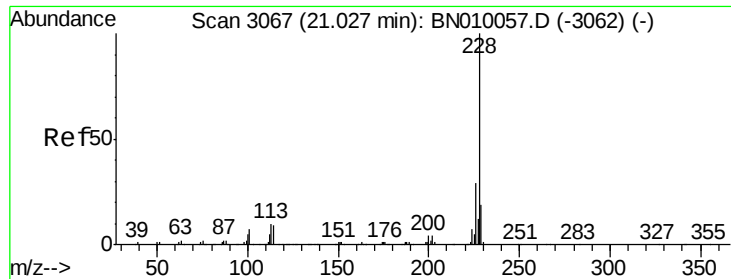
#83
Benzo(a)anthracene
Concen: 20.392 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.0	22.4
226	25.7	21.4	32.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





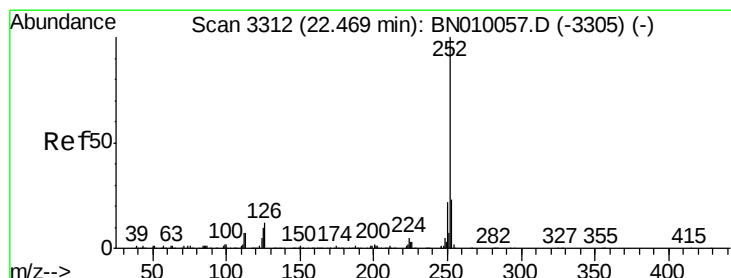
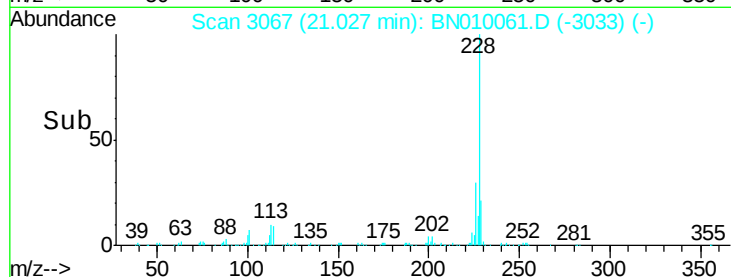
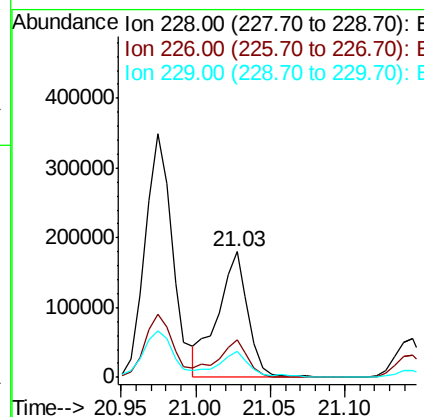
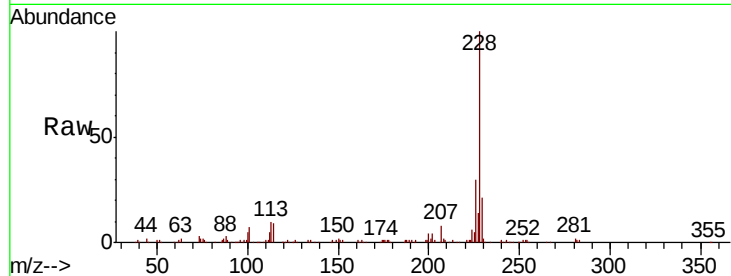
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 Chrysene
 Concen: 11.908 ng/ul
 RT: 21.03 min Scan# 3067
 Delta R.T. -0.00 min
 Lab File: BN010061.D
 Acq: 03 Mar 2020 14:39

Instrument :
 BNA_N
 ClientSampleId :
 DBD15DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	20.9	15.0	22.4

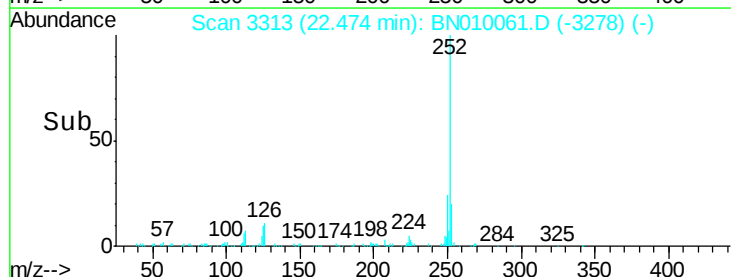
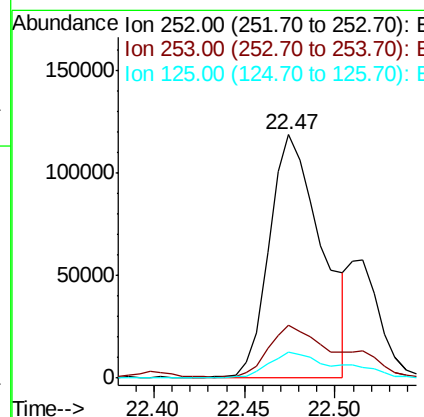
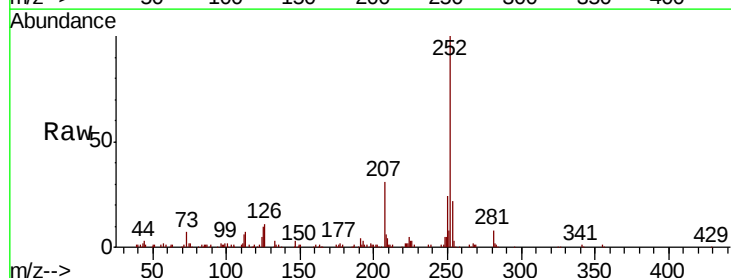
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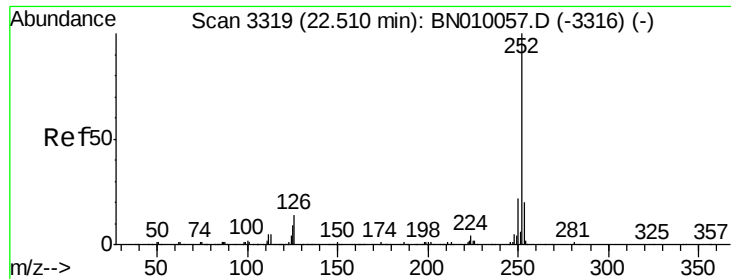
mohammad
 3/4/2020 7:51:27 AM



#88
 Benzo(b)fluoranthene
 Concen: 11.534 ng/ul
 RT: 22.47 min Scan# 3313
 Delta R.T. 0.01 min
 Lab File: BN010061.D
 Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	10.4	8.0	12.0





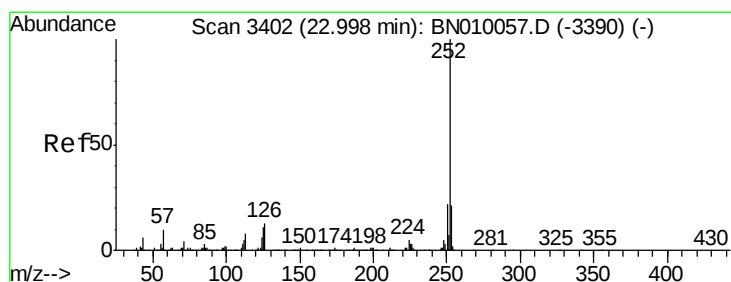
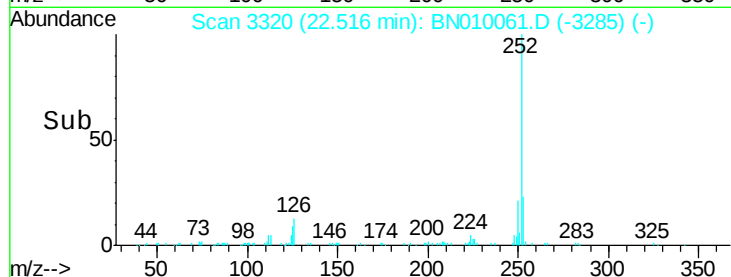
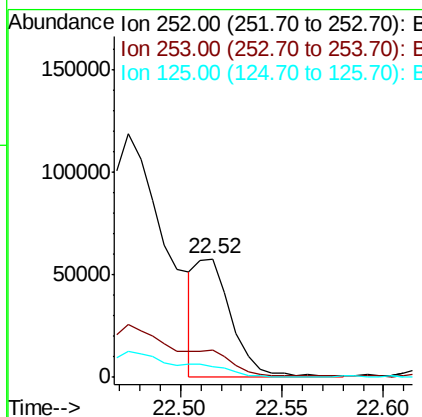
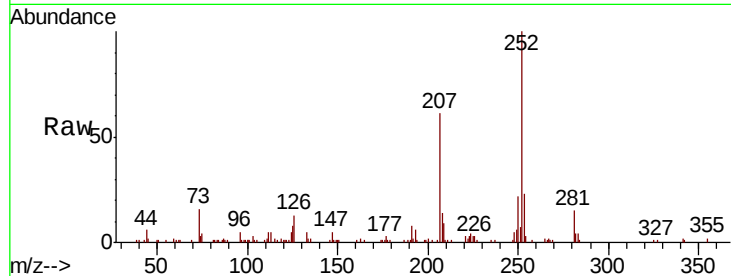
#89
Benzo(k)fluoranthene
Concen: 3.626 ng/ul m
RT: 22.52 min Scan# 3320
Delta R.T. 0.01 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Instrument :
BNA_N
ClientSampleId :
DBD15DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	8.5	8.2	12.2

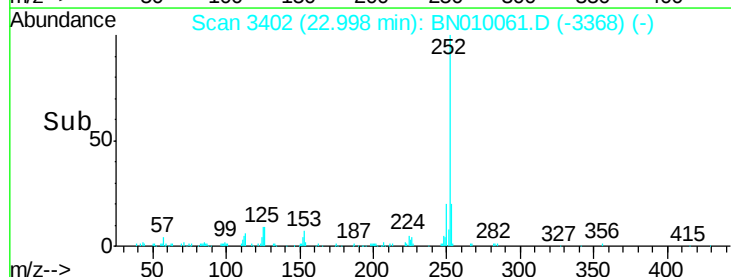
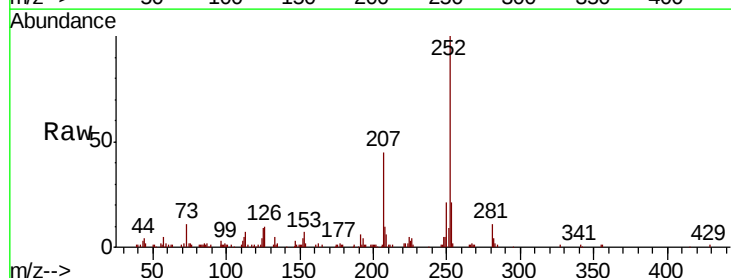
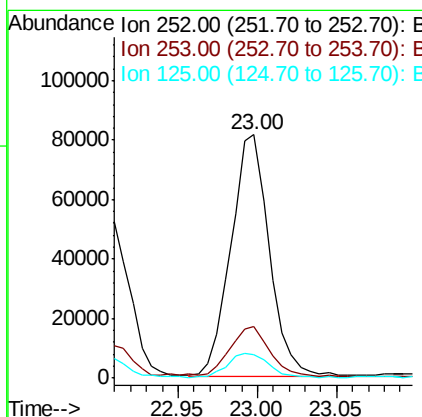
Manual Integrations
APPROVED

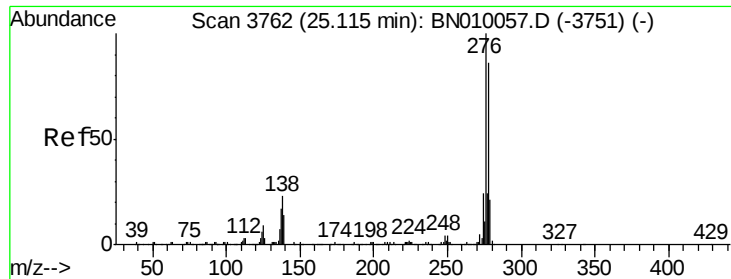
mohammad
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#91
Benzo(a)pyrene
Concen: 7.344 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. -0.00 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.5	9.0	13.6





#92

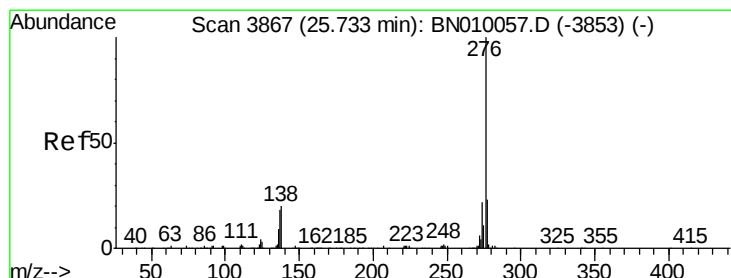
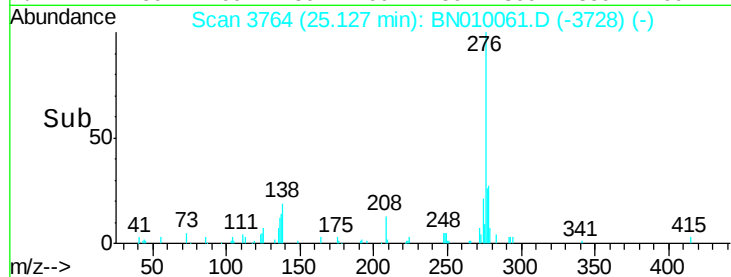
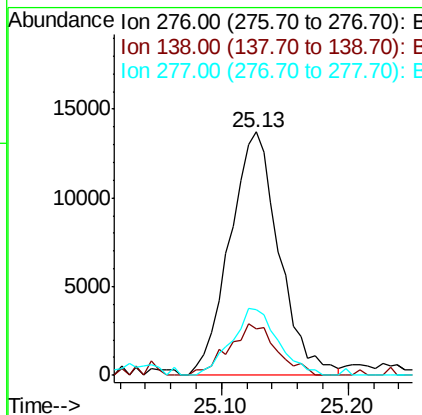
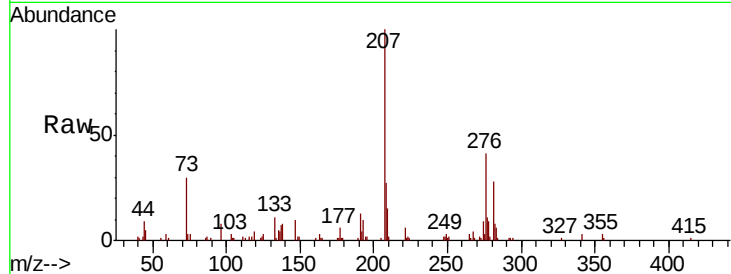
Indeno(1,2,3-cd)pyrene
Concen: 1.678 ng/ul
RT: 25.13 min Scan# 3764
Delta R.T. 0.01 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Instrument :
BNA_N
ClientSampleId :
DBD15DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	20.9	31.3#
277	26.8	18.2	27.4

Manual Integrations
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#94

Benzo(g,h,i)perylene
Concen: 1.309 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.02 min
Lab File: BN010061.D
Acq: 03 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.5	26.3
277	22.0	18.1	27.1

