

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010062.D
 Acq On : 03 Mar 2020 15:15
 Operator : CG/JU
 Sample : L1507-17ME
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBD15ME

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:51:30 AM

Quant Time: Mar 03 16:00:31 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	54733	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	263541	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	161270	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	301746	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	340242	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	421366	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	3603	2.71	ng/uL	0.00
5) Phenol-d5	6.58	99	75955	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	54104	16.84	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	61135	17.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	66552	17.97	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	32975m	17.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	38192	18.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	70868	17.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	101464	22.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	221473	18.39	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	275453	19.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	25643	11.66	ng/ul	0.02
58) Fluorene-d10	15.01	176	171973	16.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	16433	8.77	ng/ul	0.01
71) Anthracene-d10	16.87	188	271867	19.66	ng/ul	0.00
79) Pyrene-d10	19.17	212	308813	17.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	388674	18.47	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.16	128	736537	51.827	ng/ul	99
34) 2-Methylnaphthalene	11.78	142	534681	54.183	ng/ul	97
41) 1,1'-Biphenyl	12.83	154	142188	11.479	ng/ul	99
48) Acenaphthylene	13.73	152	15753	1.026	ng/ul#	87
50) Acenaphthene	14.07	153	952032	90.441	ng/ul	97
54) Dibenzofuran	14.42	168	862261	58.359	ng/ul	99
59) Fluorene	15.07	166	652888	52.654	ng/ul	98
70) Phenanthrene	16.82	178	3801445	220.749	ng/ul	98
72) Anthracene	16.90	178	383030	21.758	ng/ul	99
75) Carbazole	17.18	167	153975	9.932	ng/ul	98
77) Fluoranthene	18.84	202	2894375	143.487	ng/ul	95
80) Pyrene	19.21	202	2018855	82.302	ng/ul	95
83) Benzo(a)anthracene	20.97	228	607470	25.981	ng/ul	97
85) Chrysene	21.03	228	341912	14.853	ng/ul	97
88) Benzo(b)fluoranthene	22.48	252	379808	13.902	ng/ul	98
89) Benzo(k)fluoranthene	22.52	252	109189	4.221	ng/ul	97
91) Benzo(a)pyrene	22.99	252	215940	8.788	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.13	276	58529	2.006	ng/ul	95
94) Benzo(g,h,i)perylene	25.74	276	43512	1.779	ng/ul#	94

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

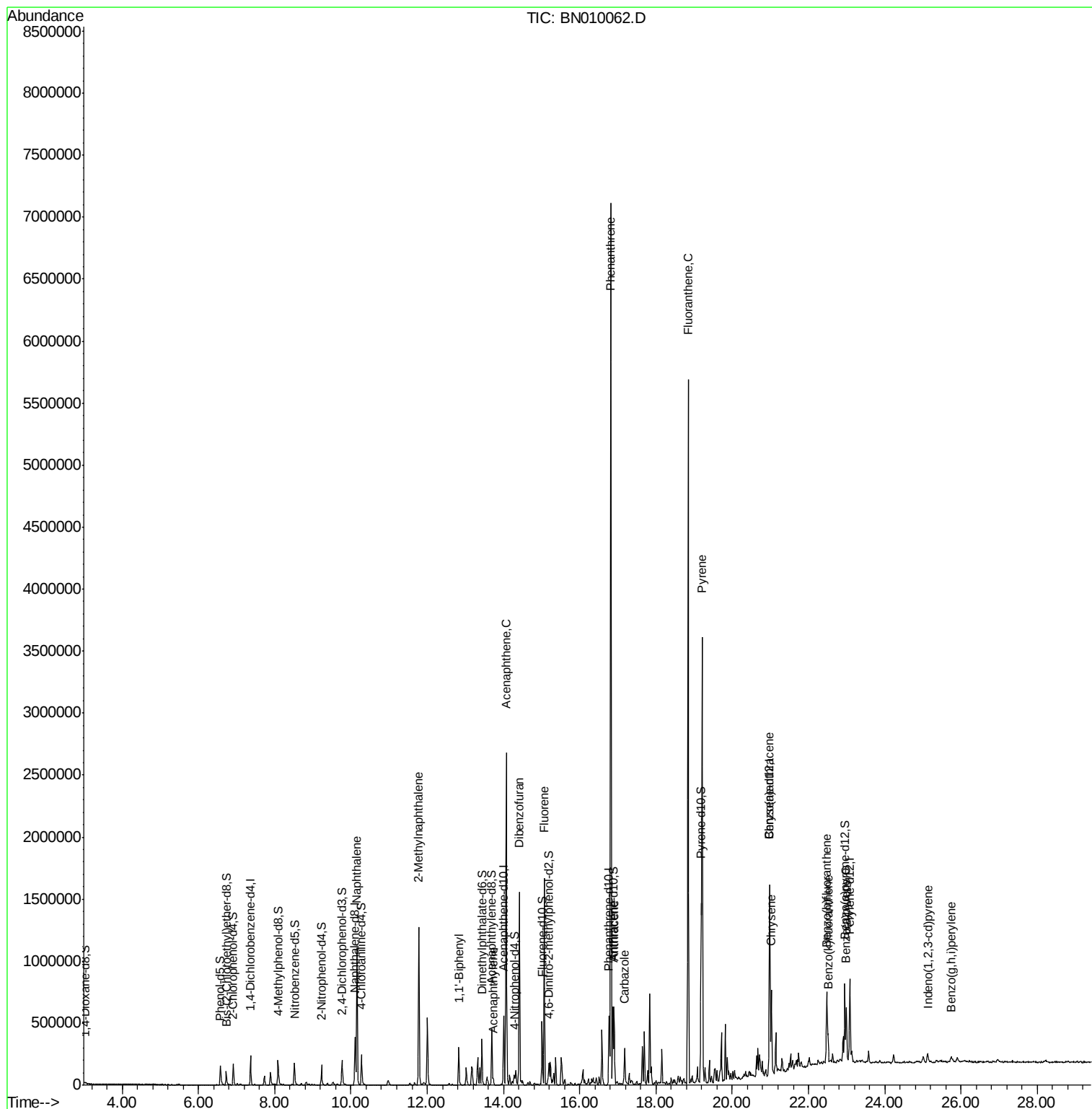
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010062.D
Acq On : 03 Mar 2020 15:15
Operator : CG/JU
Sample : L1507-17ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

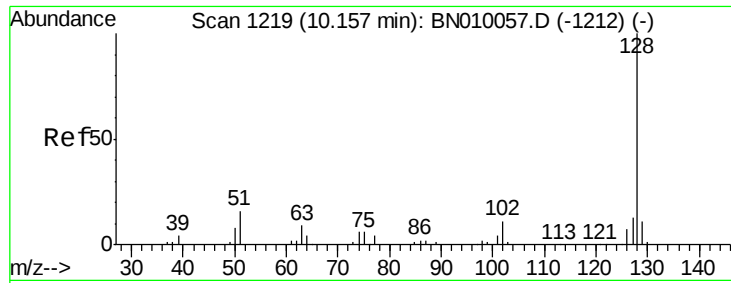
Instrument :
BNA_N
ClientSampleId :
DBD15ME

Quant Time: Mar 03 16:00:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
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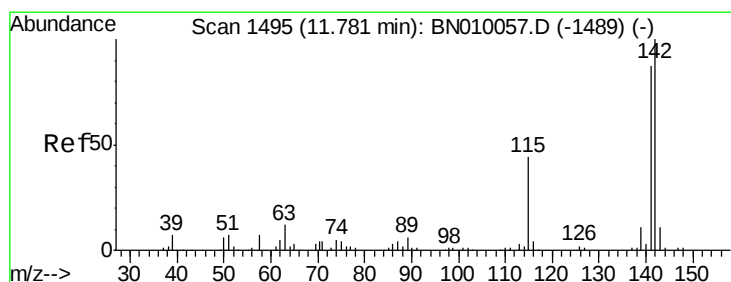
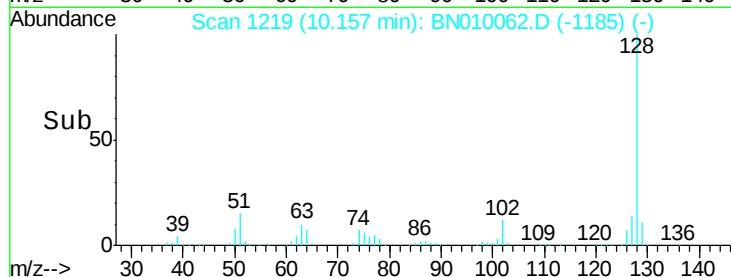
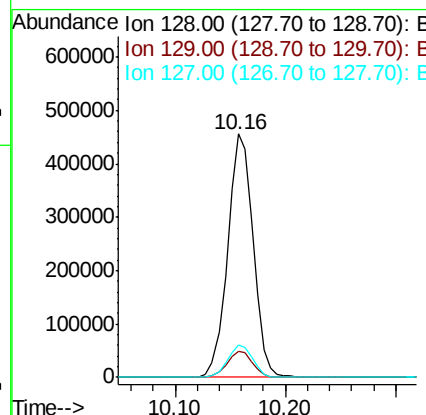
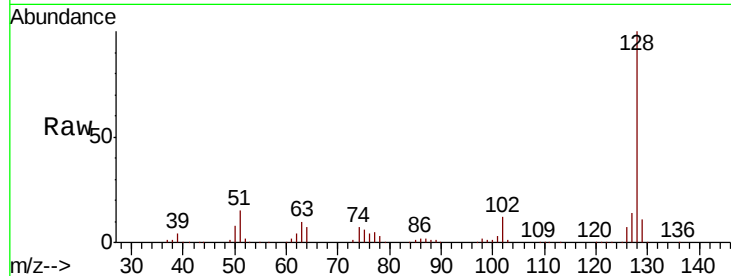
#28
Naphthalene
Concen: 51.827 ng/ul
RT: 10.16 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Instrument :
BNA_N
ClientSampleId :
DBD15ME

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.6	10.3	15.5

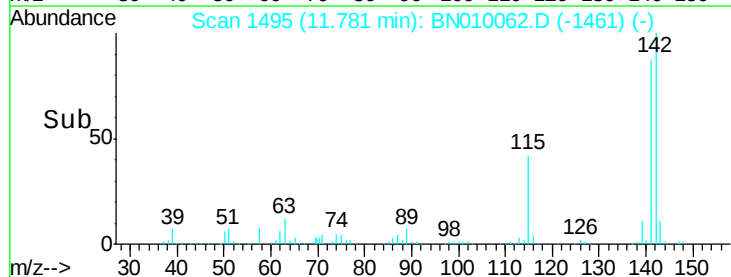
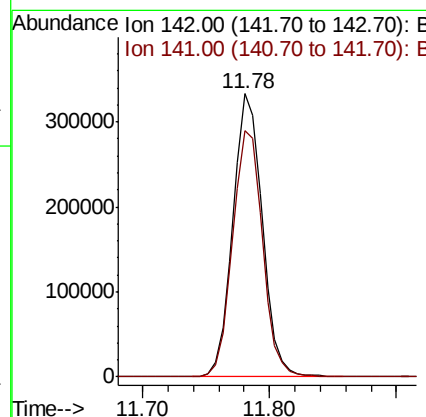
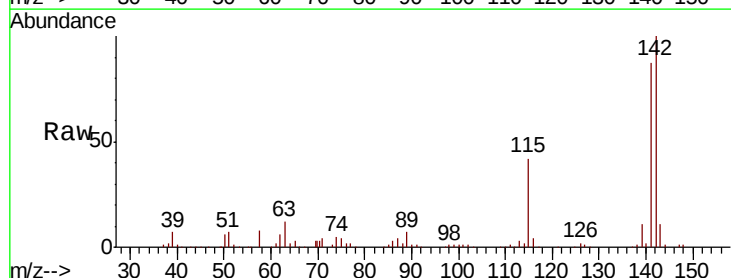
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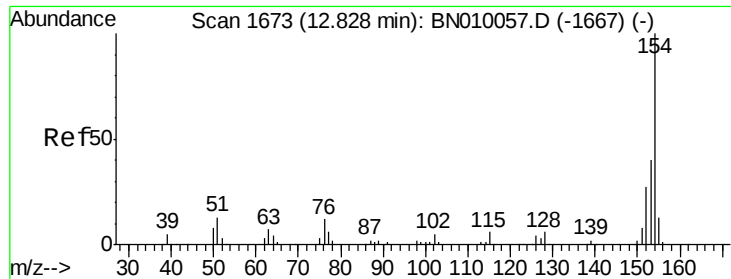
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#34
2-Methylnaphthalene
Concen: 54.183 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.1	108.1





#41

1,1'-Biphenyl

Concen: 11.479 ng/ul

RT: 12.83 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BN010062.D

Acq: 03 Mar 2020 15:15

Instrument :

BNA_N

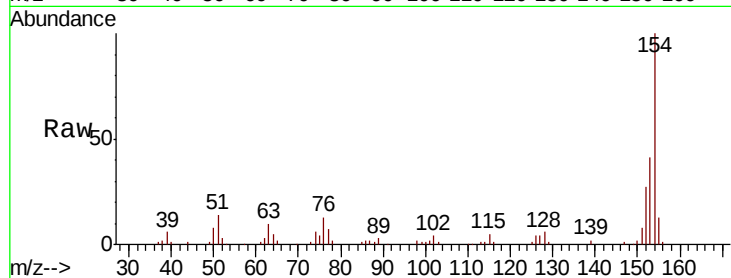
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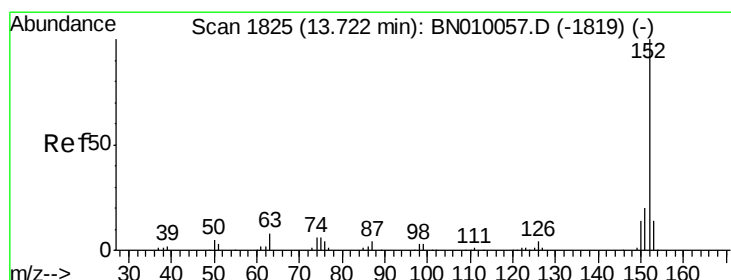
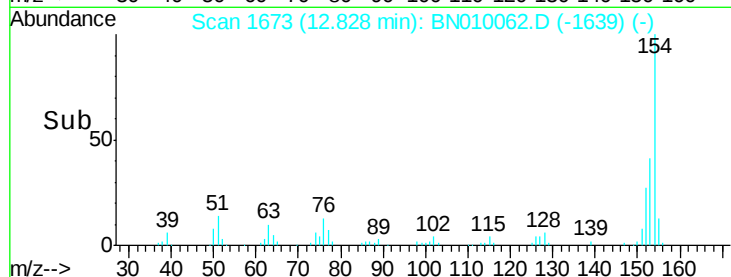
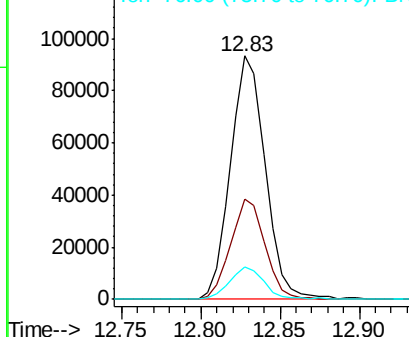
Tot Ion:	154	Resp:	142188
Ion Ratio	Lower	Upper	
154	100		
153	41.2	33.2	49.8
76	13.4	11.0	16.4

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



#48

Acenaphthylene

Concen: 1.026 ng/ul

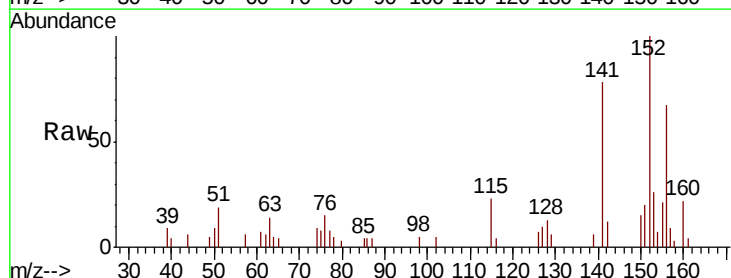
RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

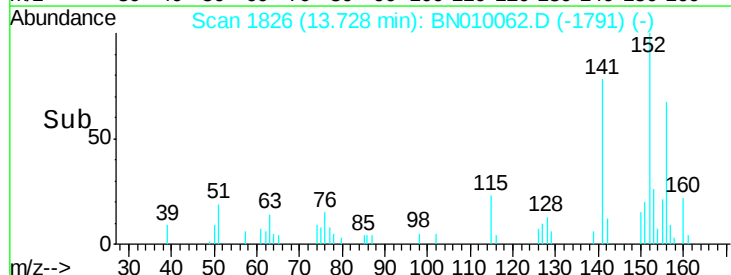
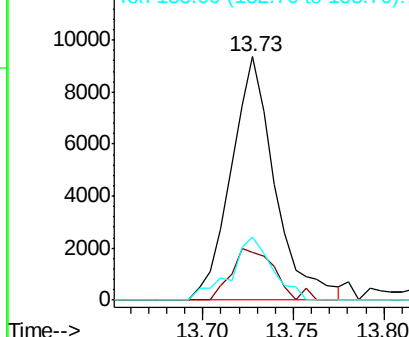
Lab File: BN010062.D

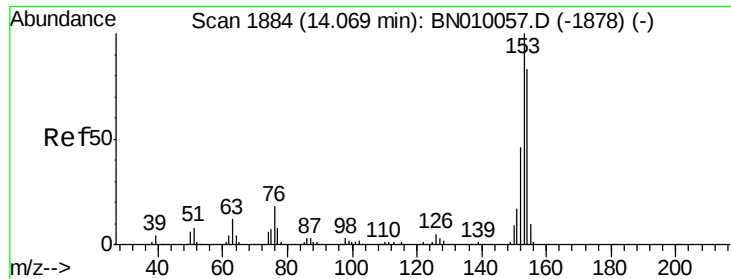
Acq: 03 Mar 2020 15:15

Tgt Ion:	152	Resp:	15753
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.7	23.5
153	25.7	10.3	15.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 90.441 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BN010062.D

Acq: 03 Mar 2020 15:15

Instrument :

BNA_N

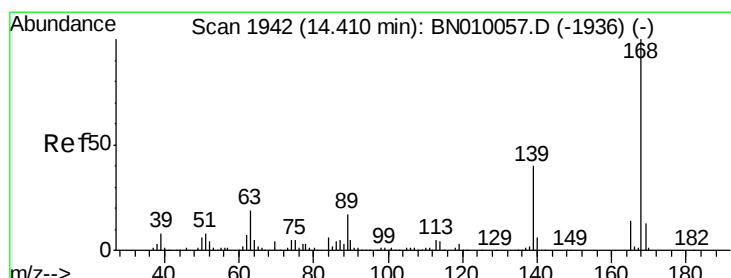
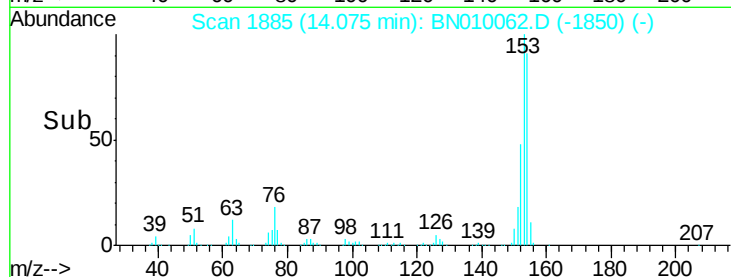
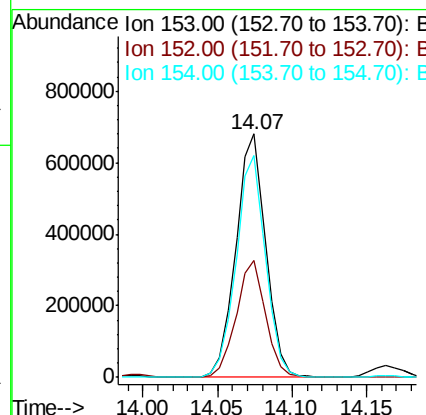
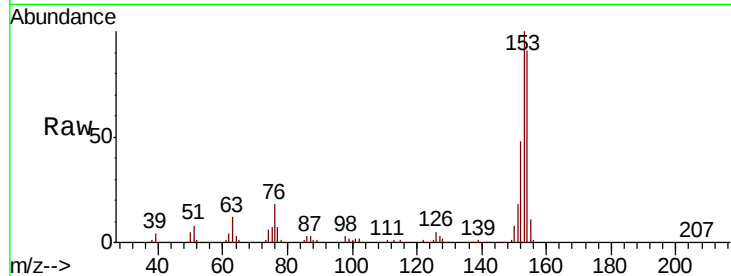
ClientSampleId :

DBD15ME

Tot Ion:	153	Resp:	952032
Ion Ratio	Lower	Upper	
153	100		
152	47.8	36.6	54.8
154	91.3	70.6	106.0

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#54

Dibenzofuran

Concen: 58.359 ng/ul

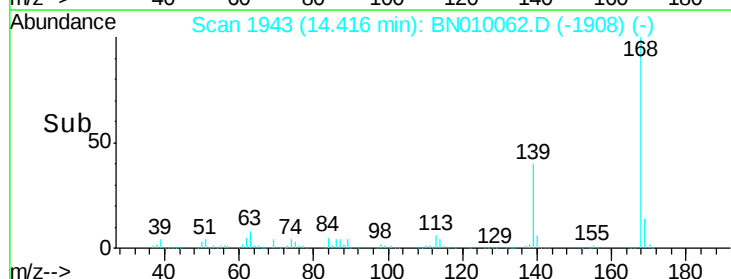
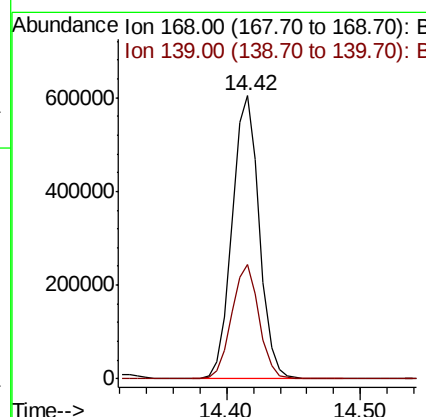
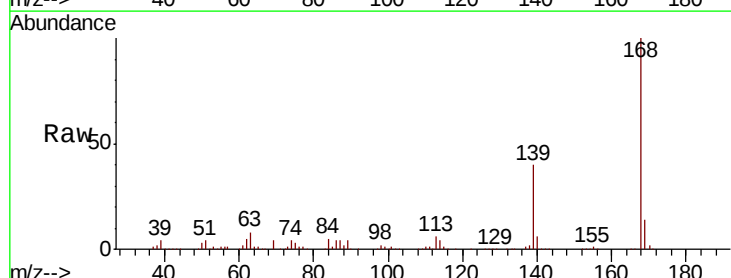
RT: 14.42 min Scan# 1943

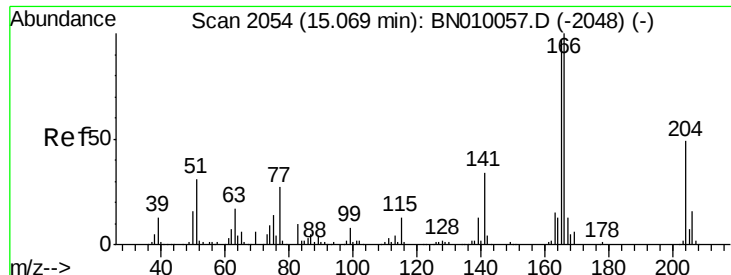
Delta R.T. 0.01 min

Lab File: BN010062.D

Acq: 03 Mar 2020 15:15

Tgt Ion:	168	Resp:	862261
Ion Ratio	Lower	Upper	
168	100		
139	40.2	32.7	49.1





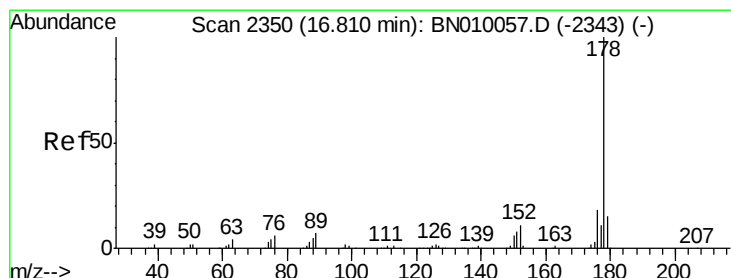
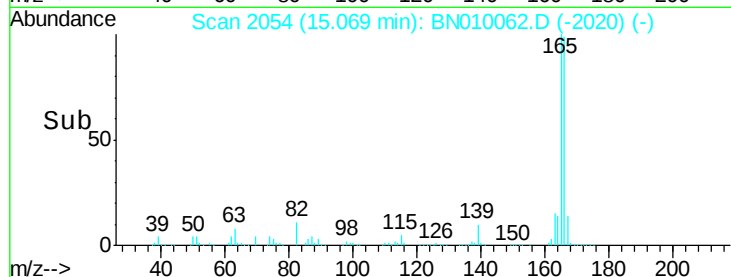
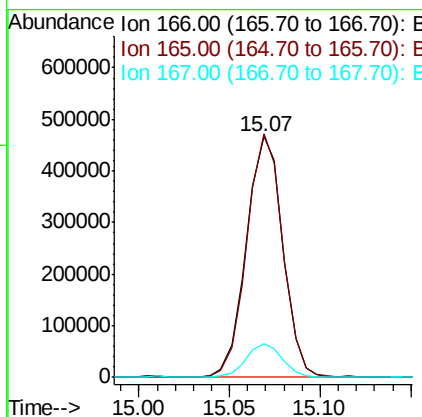
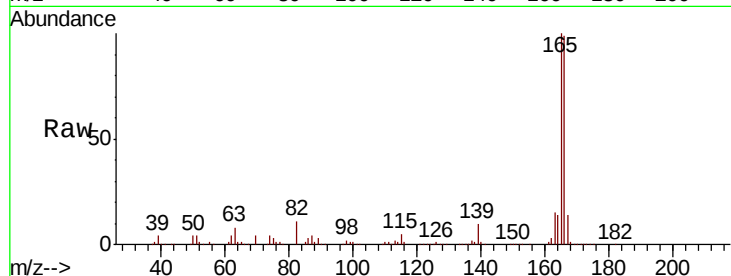
#59
Fluorene
 Concen: 52.654 ng/ul
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BN010062.D
 Acq: 03 Mar 2020 15:15

Instrument :
 BNA_N
 ClientSampleId :
 DBD15ME

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.8	119.8
167	14.2	10.7	16.1

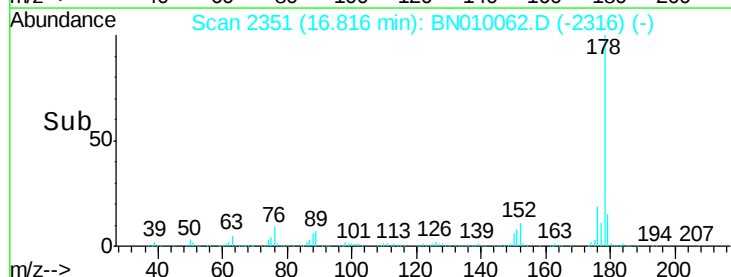
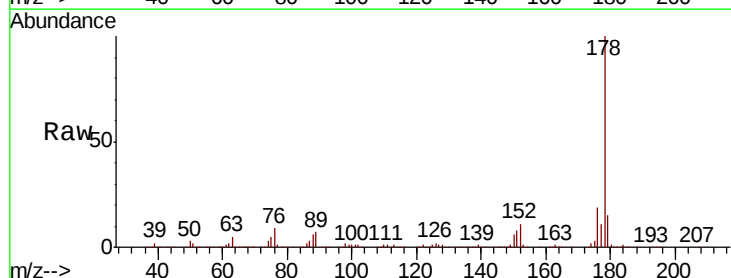
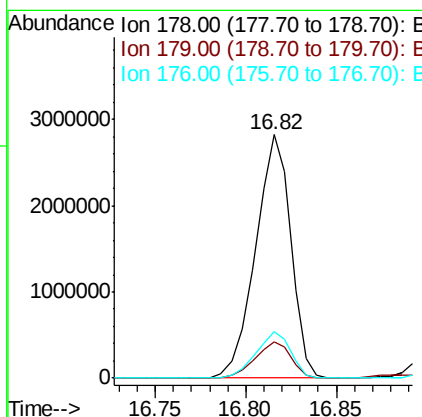
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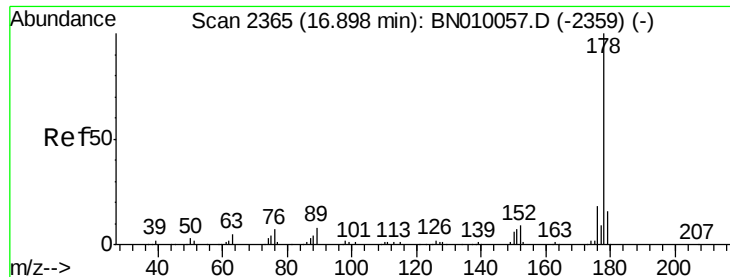
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#70
Phenanthrene
 Concen: 220.749 ng/ul
 RT: 16.82 min Scan# 2351
 Delta R.T. 0.01 min
 Lab File: BN010062.D
 Acq: 03 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.5	18.7
176	19.1	14.6	22.0





#72

Anthracene

Concen: 21.758 ng/ul

RT: 16.90 min Scan# 2366

Delta R.T. 0.01 min

Lab File: BN010062.D

Acq: 03 Mar 2020 15:15

Instrument :

BNA_N

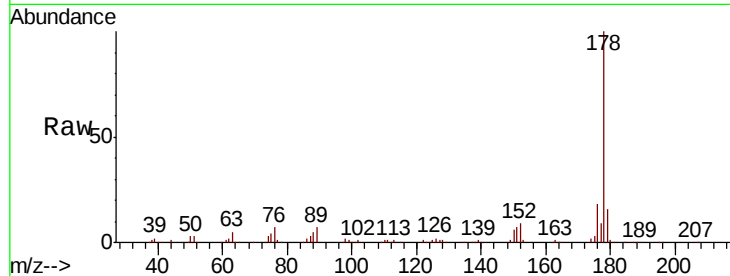
ClientSampleId :

DBD15ME

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	17.6	14.6	21.8

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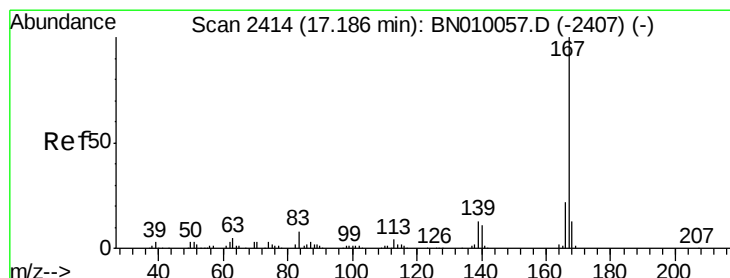
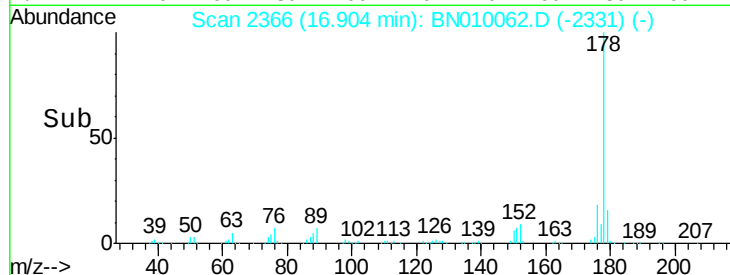
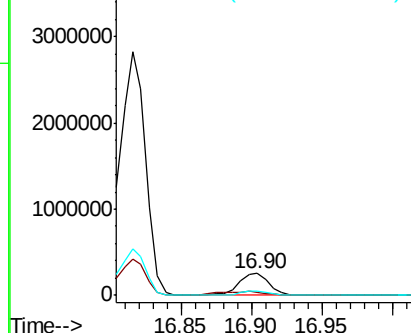


Abundance

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: 9.932 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BN010062.D

Acq: 03 Mar 2020 15:15

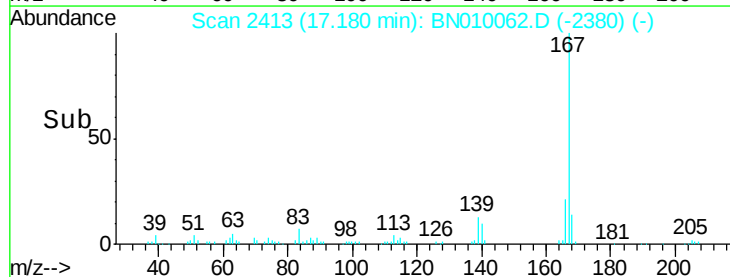
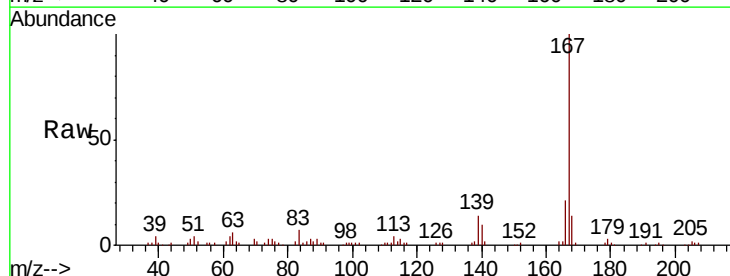
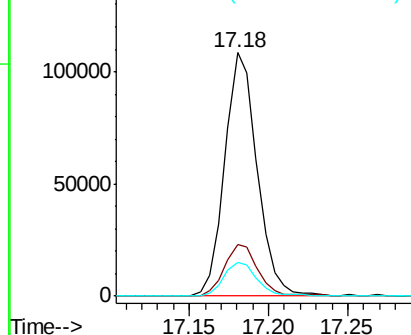
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.6	24.8
139	13.7	9.9	14.9

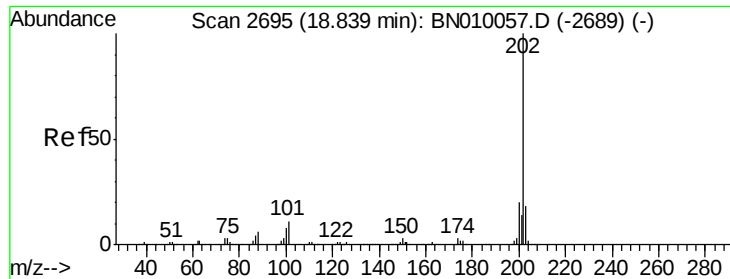
Abundance

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





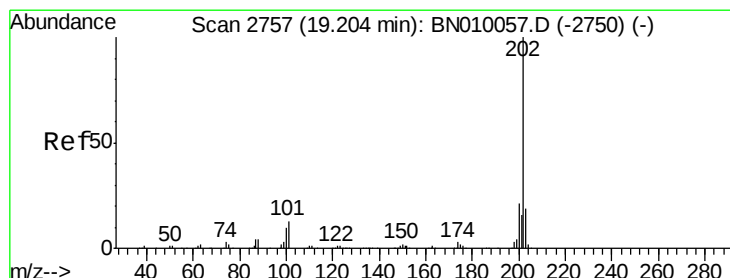
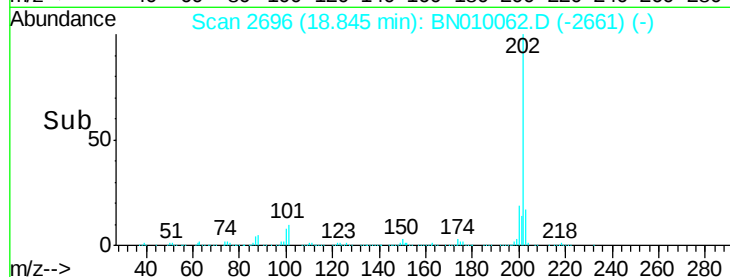
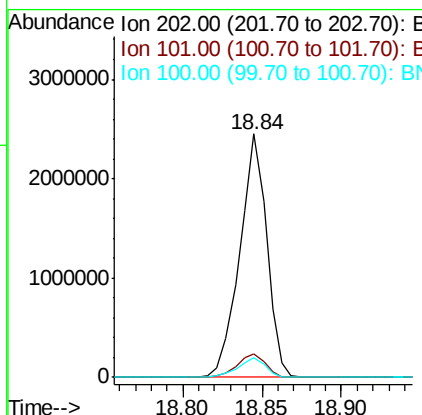
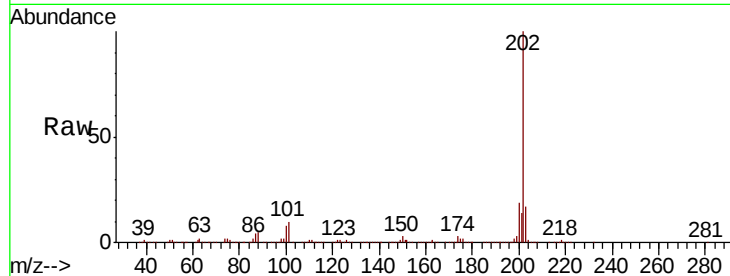
#77
Fluoranthene
 Concen: 143.487 ng/ul
 RT: 18.84 min Scan# 2696
 Delta R.T. 0.01 min
 Lab File: BN010062.D
 Acq: 03 Mar 2020 15:15

Instrument :
 BNA_N
 ClientSampleId :
 DBD15ME

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.4	14.2
100	7.8	7.2	10.8

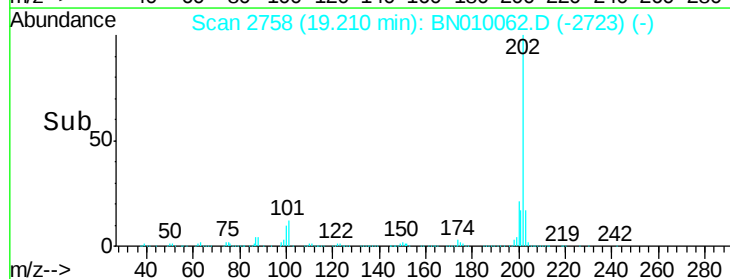
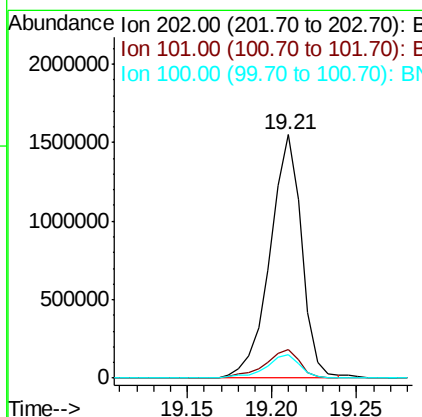
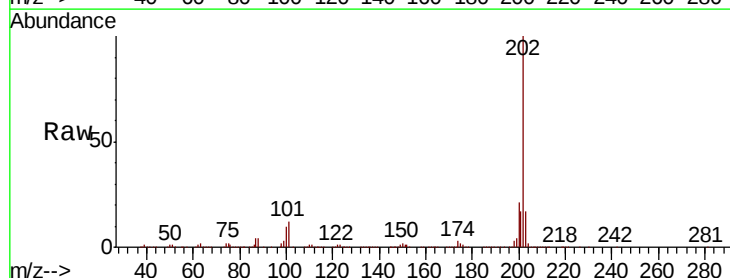
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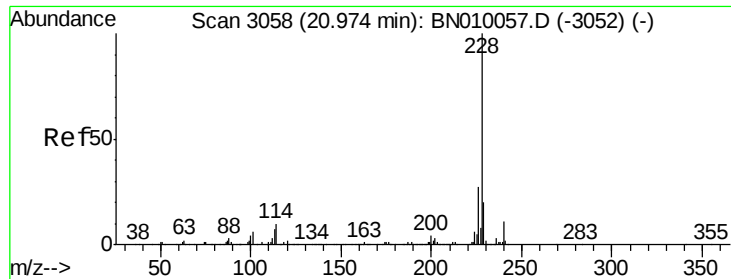
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#80
Pyrene
 Concen: 82.302 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. 0.01 min
 Lab File: BN010062.D
 Acq: 03 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	11.3	16.9
100	9.8	9.0	13.6





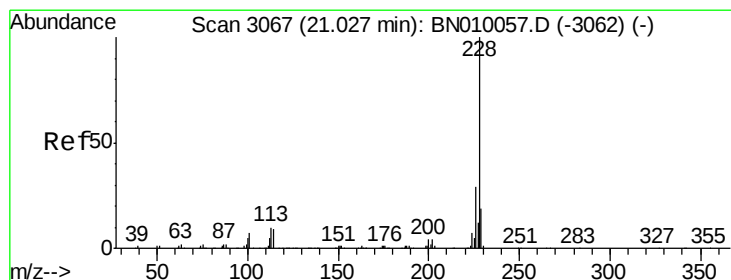
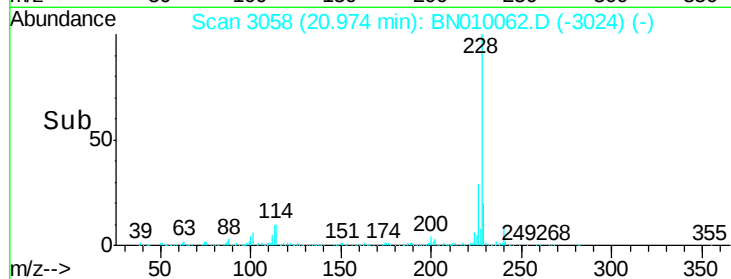
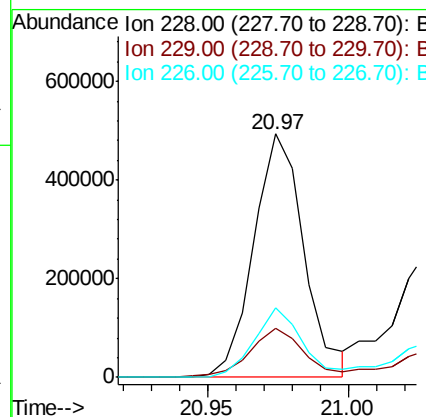
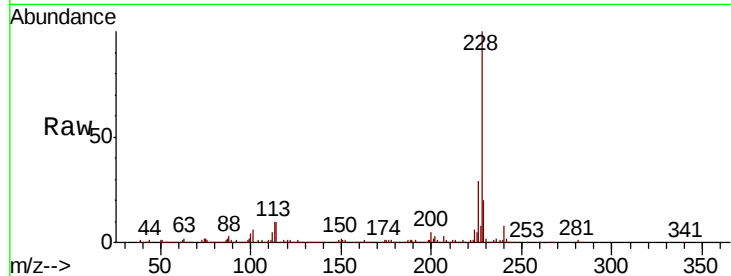
#83
Benzo(a)anthracene
Concen: 25.981 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Instrument :
BNA_N
ClientSampleId :
DBD15ME

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.0	22.4
226	28.7	21.4	32.2

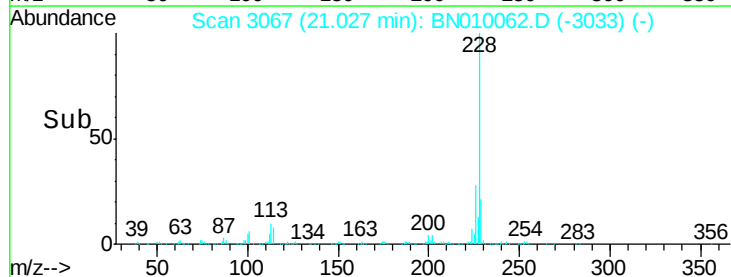
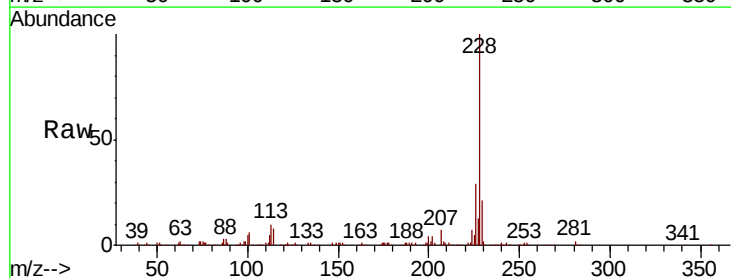
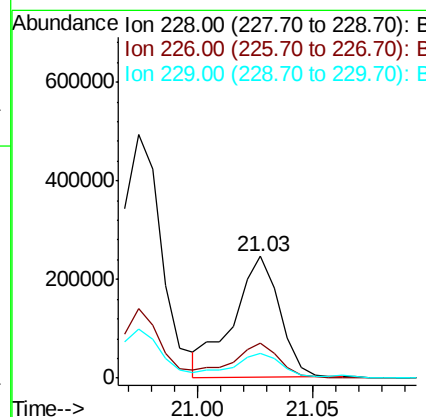
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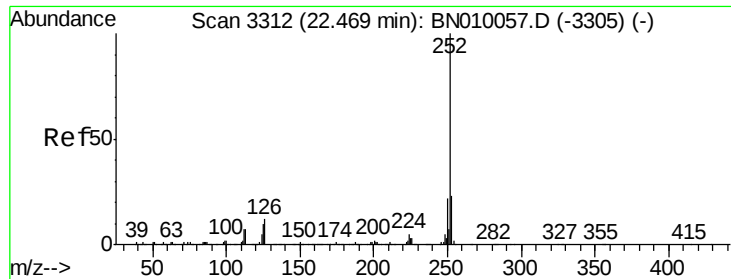
mohammad
3/4/2020 7:51:30 AM



#85
Chrysene
Concen: 14.853 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.8	15.0	22.4





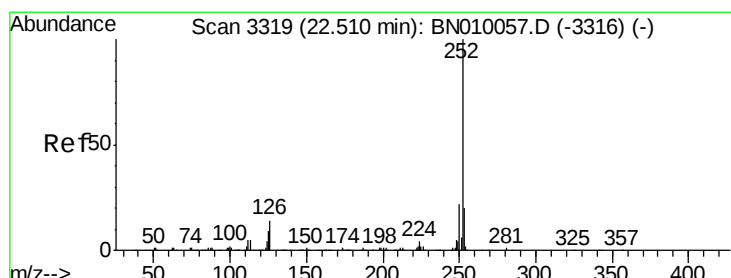
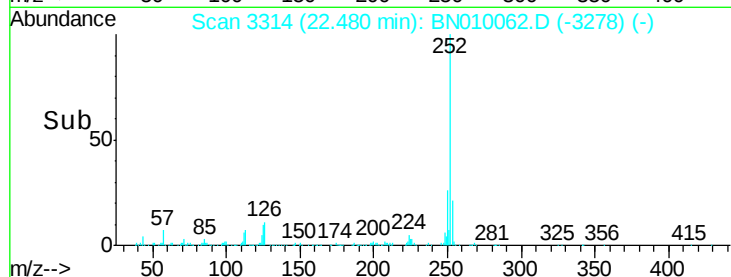
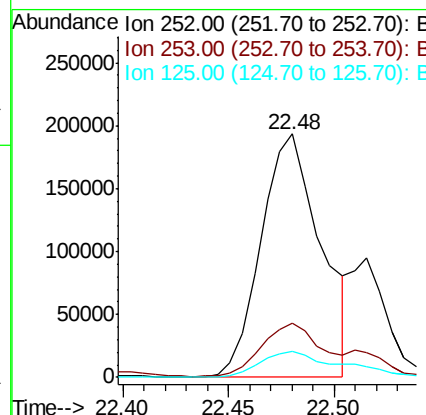
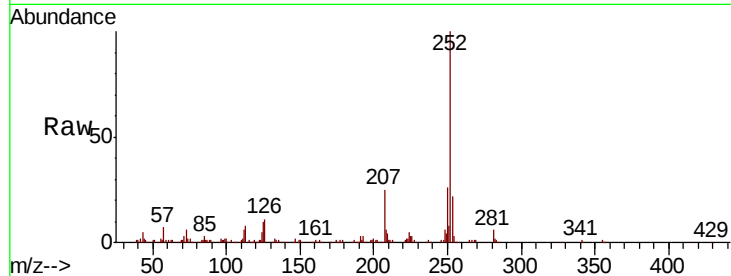
#88
Benzo(b)fluoranthene
Concen: 13.902 ng/ul
RT: 22.48 min Scan# 3314
Delta R.T. 0.01 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Instrument :
BNA_N
ClientSampled :
DBD15ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	10.5	8.0	12.0

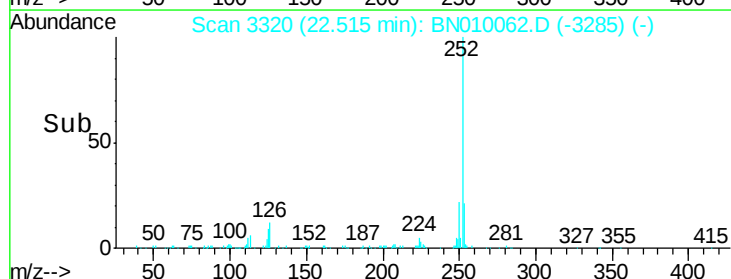
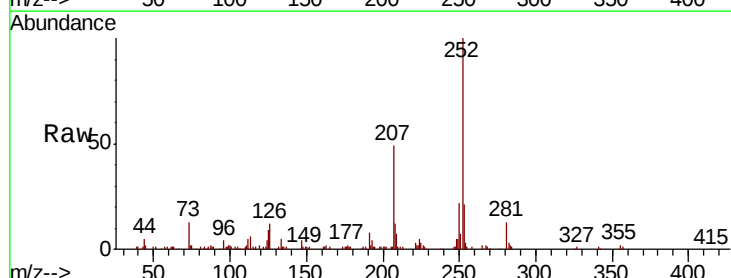
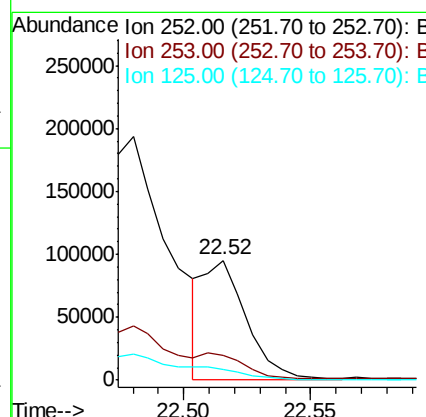
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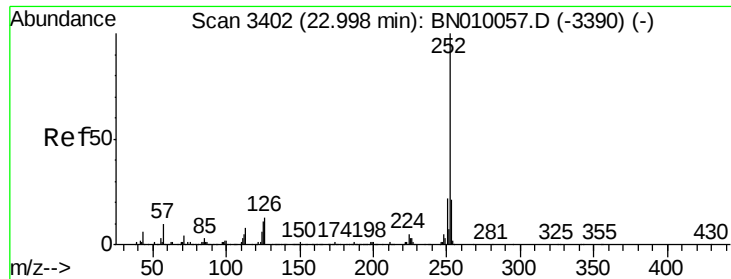
mohammad
3/4/2020 7:51:30 AM



#89
Benzo(k)fluoranthene
Concen: 4.221 ng/ul
RT: 22.52 min Scan# 3320
Delta R.T. 0.01 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	9.3	8.2	12.2





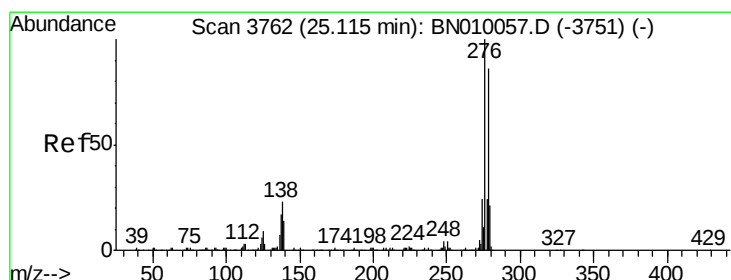
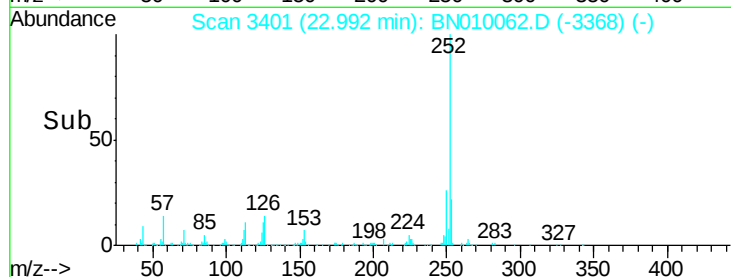
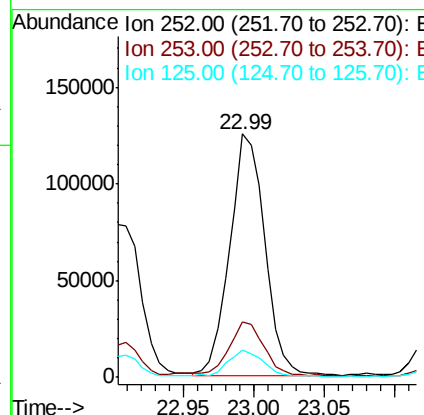
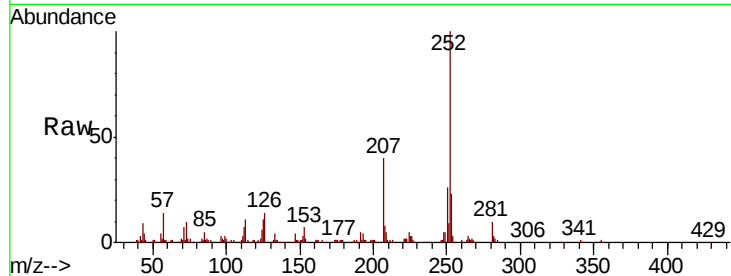
#91
Benzo(a)pyrene
Concen: 8.788 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Instrument :
BNA_N
ClientSampleId :
DBD15ME

Tot Ion:	252	Resp:	215940
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	11.1	9.0	13.6

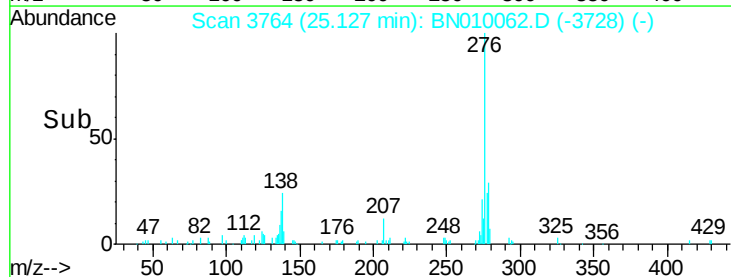
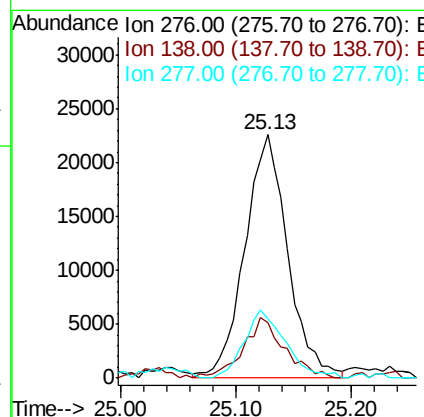
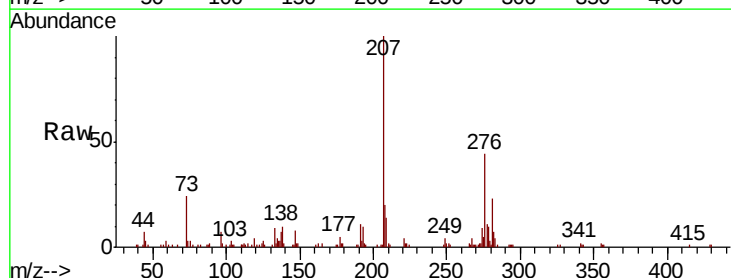
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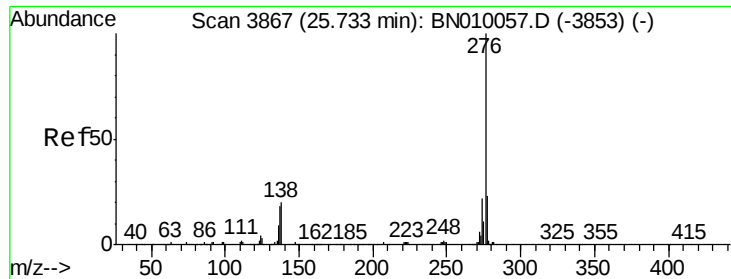
mohammad
3/4/2020 7:51:30 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.006 ng/ul
RT: 25.13 min Scan# 3764
Delta R.T. 0.01 min
Lab File: BN010062.D
Acq: 03 Mar 2020 15:15

Tgt Ion:	276	Resp:	58529
Ion Ratio	Lower	Upper	
276	100		
138	22.6	20.9	31.3
277	24.5	18.2	27.4





#94

Benzo(a,h,i)perylene

Concen: 1.779 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. 0.01 min

Lab File: BN010062.D

Acq: 03 Mar 2020 15:15

Instrument :

BNA_N

ClientSampleId :

DBD15ME

Tot Ion:	276	Resp:	43512
Ion Ratio		Lower	Upper
276	100		
138	21.9	17.5	26.3
277	28.1	18.1	27.1#

Manual Integrations
APPROVED

mohammad
3/4/2020 7:51:30 AM

