

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010052.D
 Acq On : 02 Mar 2020 22:27
 Operator : CG/JU
 Sample : L1619-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDW1

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:50:55 AM

Quant Time: Mar 03 02:55:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 01:05:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	87287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	390757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	255756	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	537392	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	477789	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	511121	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	2927	1.38	ng/uL	0.01
5) Phenol-d5	6.58	99	60955	8.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	44074	8.60	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	47382	8.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	47482	8.04	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	22903	8.01	ng/ul	0.01
22) 2-Nitrophenol-d4	9.23	143	25405	8.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	45381	7.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.29	131	57192	8.47	ng/ul	0.02
44) Dimethylphthalate-d6	13.44	166	172923	9.05	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	190145	8.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	13958m	4.00	ng/ul	0.04
58) Fluorene-d10	15.02	176	149200	9.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	13552m	4.06	ng/ul	0.01
71) Anthracene-d10	16.87	188	223742	9.08	ng/ul	0.00
79) Pyrene-d10	19.17	212	258701	10.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	243054	9.52	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.16	128	32279	1.532	ng/ul#	95
34) 2-Methylnaphthalene	11.79	142	94664	6.470	ng/ul	95
41) 1,1'-Biphenyl	12.83	154	59292	3.018	ng/ul	98
50) Acenaphthene	14.07	153	325986	19.527	ng/ul	100
54) Dibenzofuran	14.42	168	333842	14.248	ng/ul	99
59) Fluorene	15.07	166	279336	14.205	ng/ul	96
70) Phenanthrene	16.81	178	1198432	39.076	ng/ul	99
72) Anthracene	16.90	178	98888	3.154	ng/ul	99
75) Carbazole	17.19	167	28714	1.040	ng/ul#	92
77) Fluoranthene	18.84	202	634871	17.672	ng/ul	99
80) Pyrene	19.20	202	435104	12.631	ng/ul	97
83) Benzo(a)anthracene	20.97	228	88212	2.687	ng/ul	97
85) Chrysene	21.03	228	69579	2.153	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	46053	1.390	ng/ul#	85

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

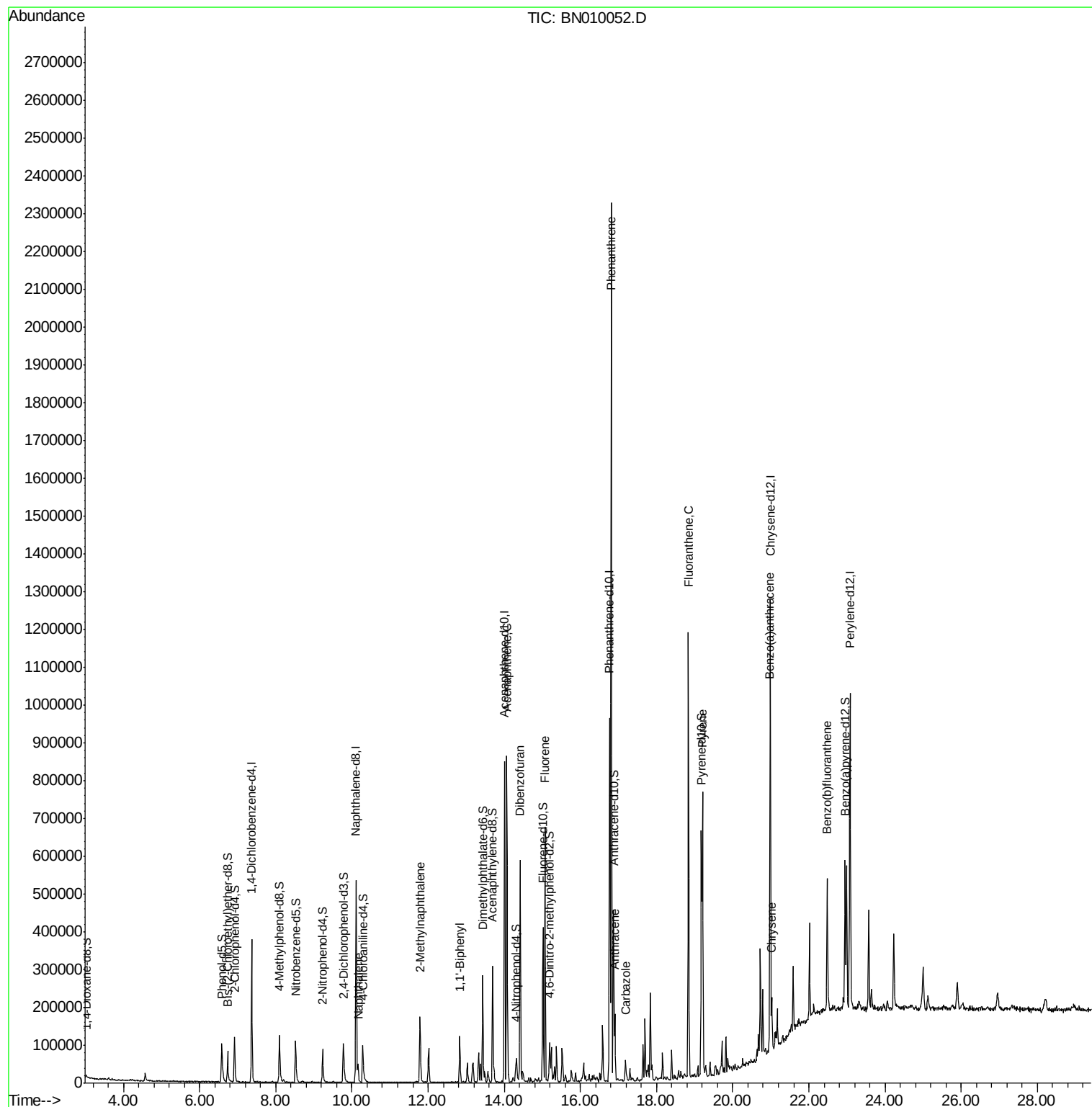
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Data File : BN010052.D
Acq On : 02 Mar 2020 22:27
Operator : CG/JU
Sample : L1619-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

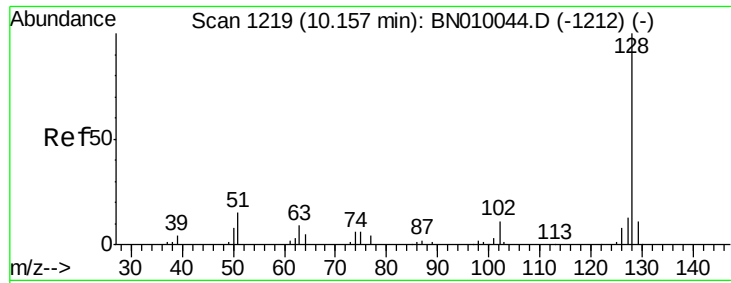
Instrument :
BNA_N
ClientSampleId :
DBDW1

Manual Integrations
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3/4/2020 7:50:55 AM

Quant Time: Mar 03 02:55:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration





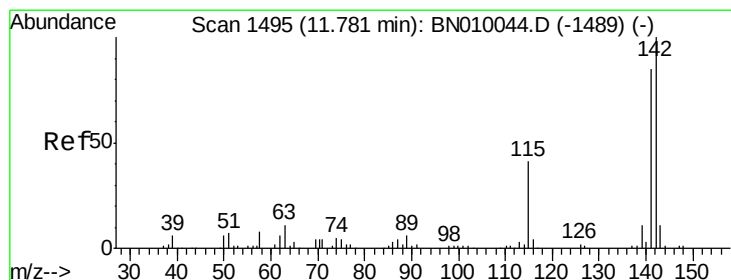
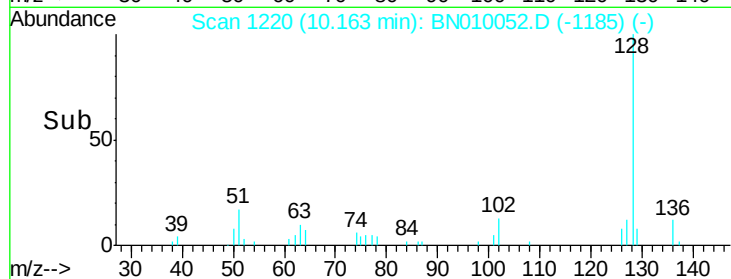
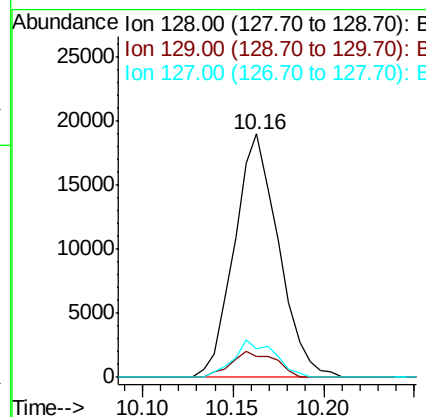
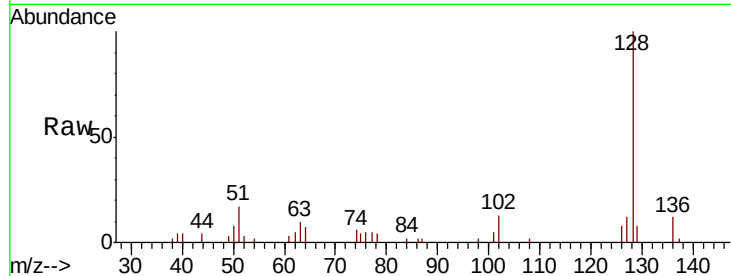
#28
Naphthalene
Concen: 1.532 ng/ul
RT: 10.16 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Instrument :
BNA_N
ClientSampleId :
DBDW1

Tot Ion	Ratio	Lower	Upper
128	100		
129	8.4	8.6	13.0#
127	11.7	10.3	15.5

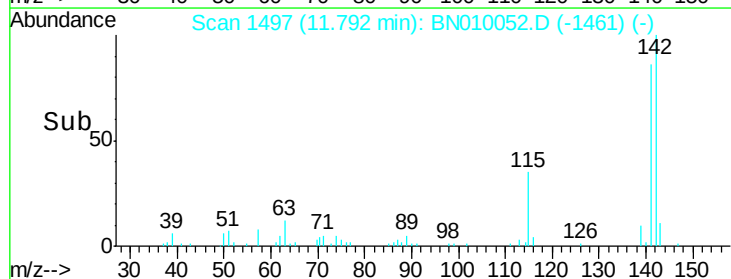
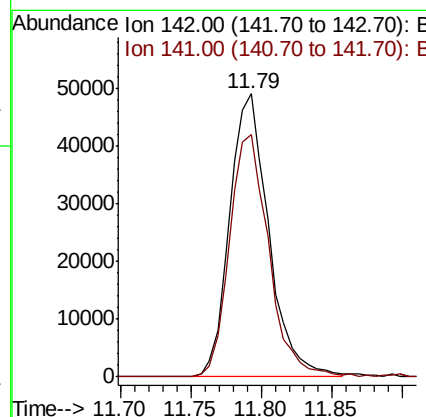
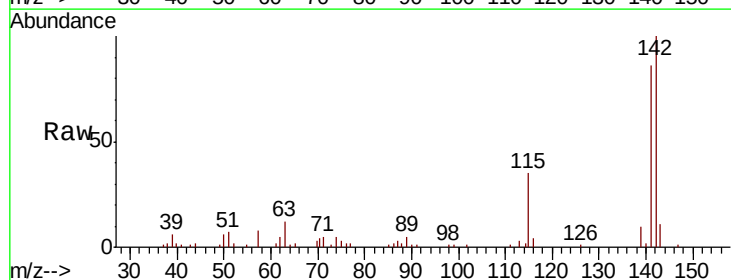
Manual Integrations
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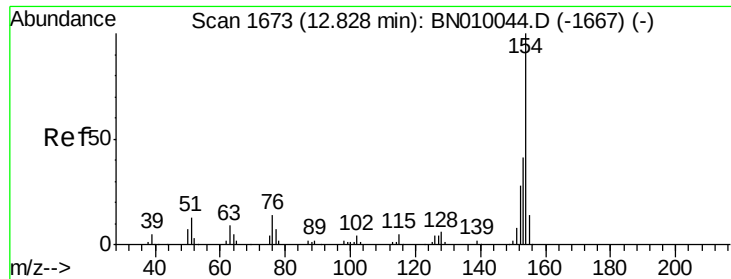
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#34
2-Methylnaphthalene
Concen: 6.470 ng/ul
RT: 11.79 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.5	72.1	108.1





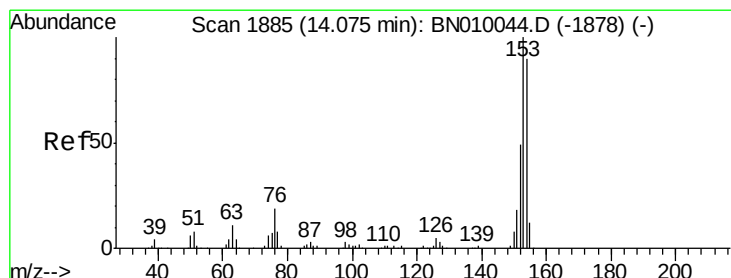
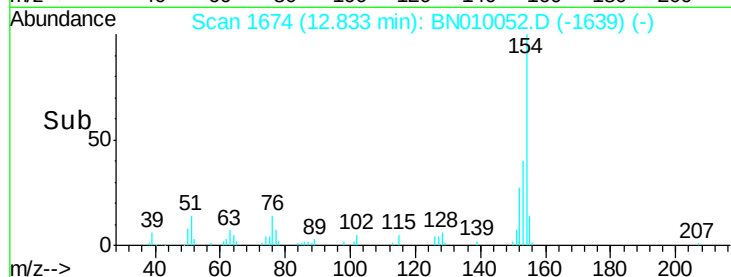
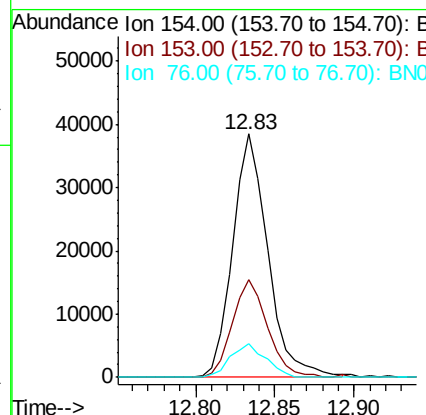
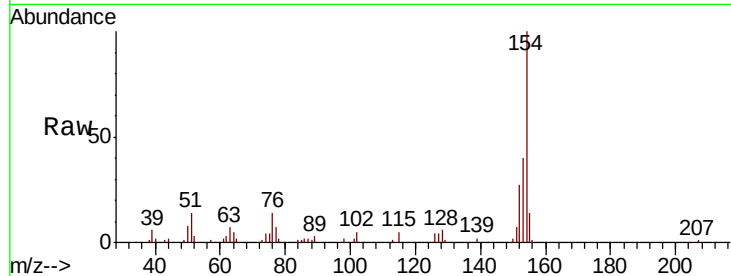
#41
1,1'-Biphenyl
Concen: 3.018 ng/ul
RT: 12.83 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Instrument :
BNA_N
ClientSampled :
DBDW1

Tot Ion:	154	Resp:	59292
Ion Ratio	Lower	Upper	
154	100		
153	40.1	33.2	49.8
76	13.9	11.0	16.4

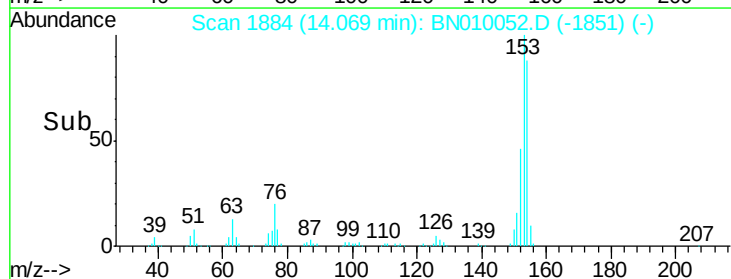
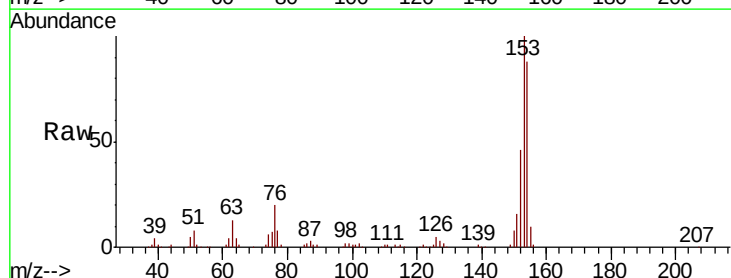
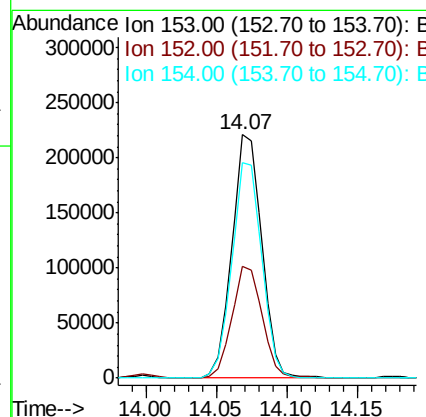
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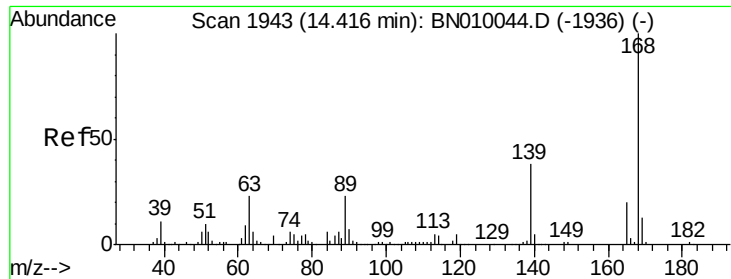
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#50
Acenaphthene
Concen: 19.527 ng/ul
RT: 14.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Tgt Ion:	153	Resp:	325986
Ion Ratio	Lower	Upper	
153	100		
152	45.8	36.6	54.8
154	88.4	70.6	106.0





#54

Dibenzenofuran

Concen: 14.248 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BN010052.D

Acq: 02 Mar 2020 22:27

Instrument :

BNA_N

ClientSampled :

DBDW1

Tot Ion:168 Resp: 333842

Ion Ratio Lower Upper

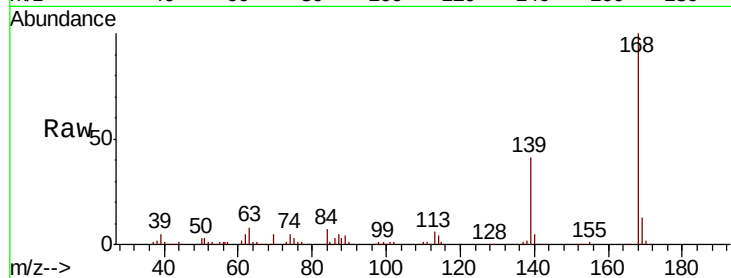
168 100

139 41.4 32.7 49.1

Manual Integrations
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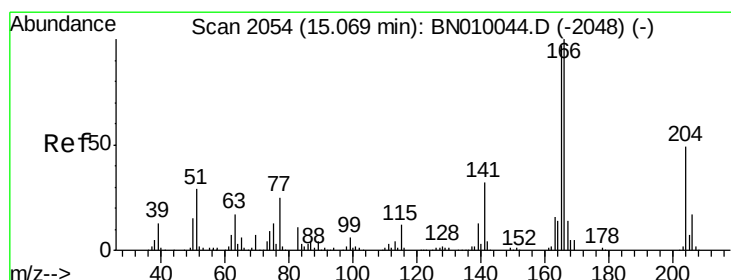
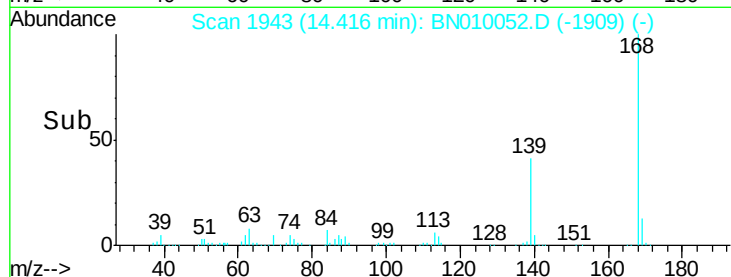
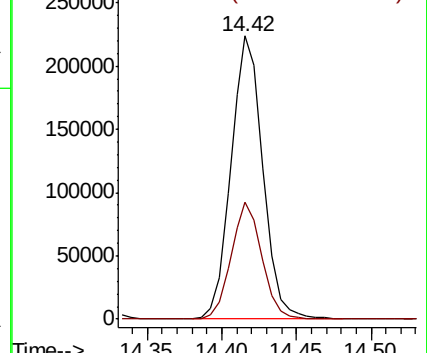
mohammad

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 14.205 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BN010052.D

Acq: 02 Mar 2020 22:27

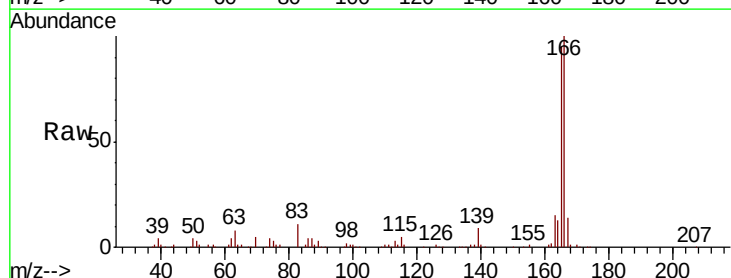
Tgt Ion:166 Resp: 279336

Ion Ratio Lower Upper

166 100

165 95.2 79.8 119.8

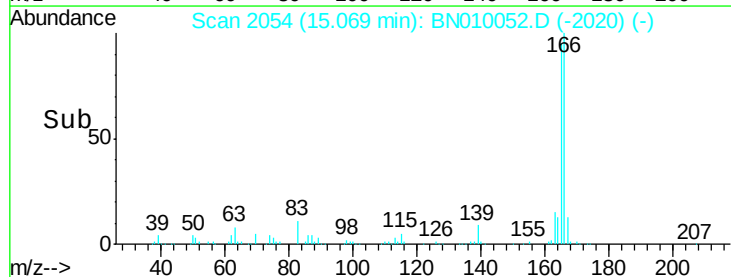
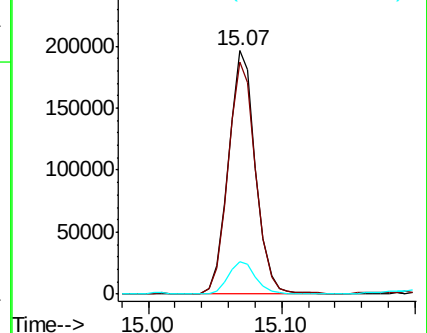
167 13.5 10.7 16.1

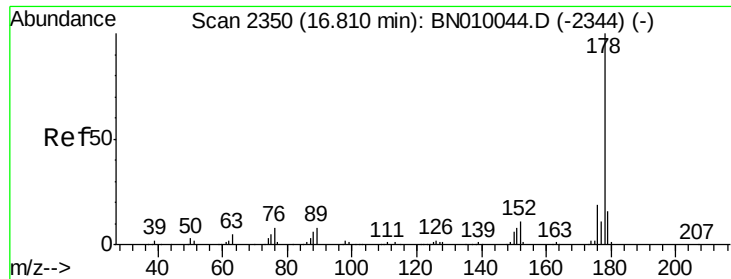


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





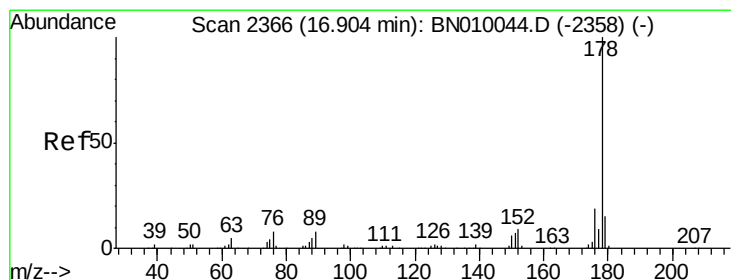
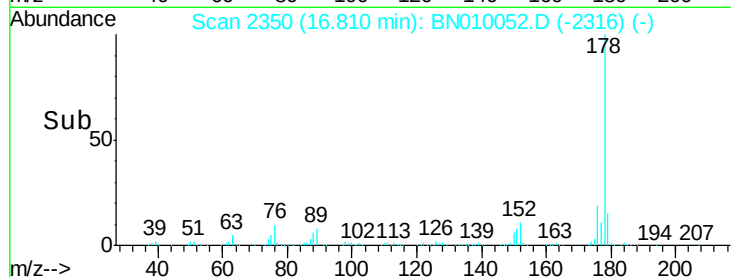
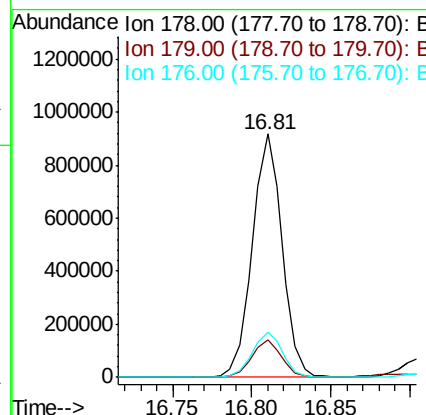
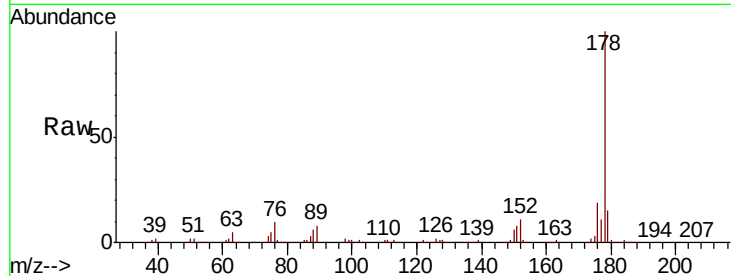
#70
Phenanthrene
Concen: 39.076 ng/ul
RT: 16.81 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Instrument :
BNA_N
ClientSampleId :
DBDW1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.5	14.6	22.0

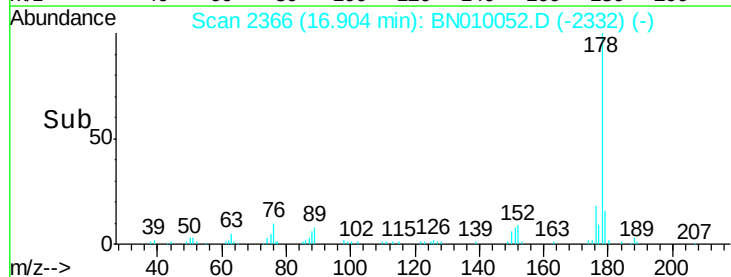
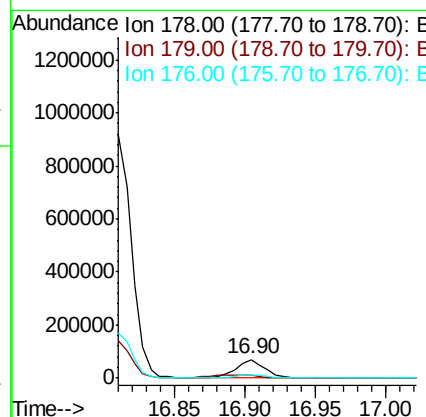
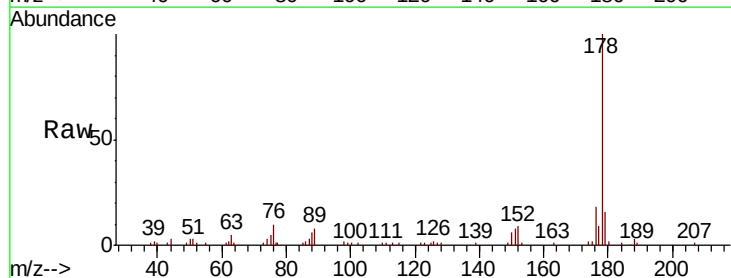
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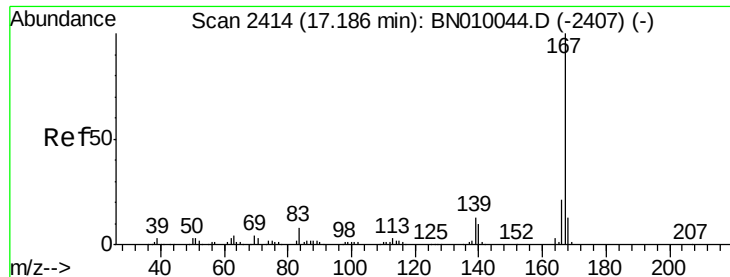
mohammad
3/4/2020 7:50:55 AM



#72
Anthracene
Concen: 3.154 ng/ul
RT: 16.90 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.4	14.6	21.8





#75

Carbazole

Concen: 1.040 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BN010052.D

Acq: 02 Mar 2020 22:27

Instrument :

BNA_N

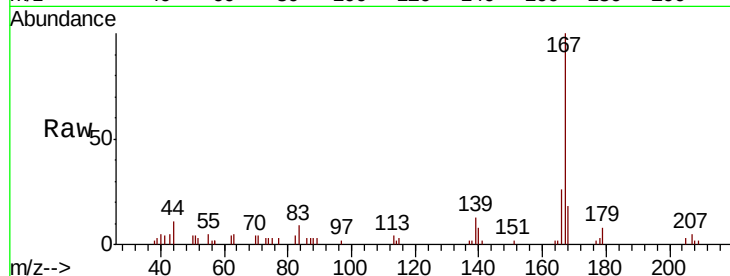
ClientSampleId :

DBDW1

Tot Ion:	167	Resp:	28714
Ion Ratio	Lower	Upper	
167	100		
166	26.5	16.6	24.8#
139	12.6	9.9	14.9

Manual Integrations
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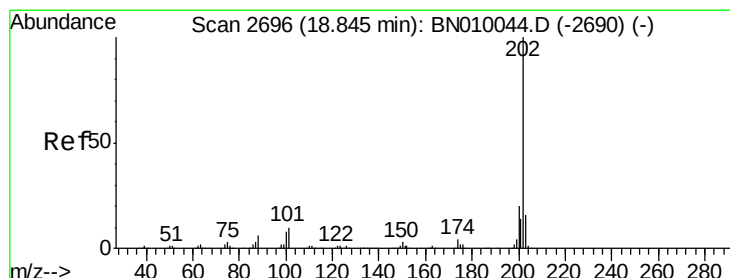
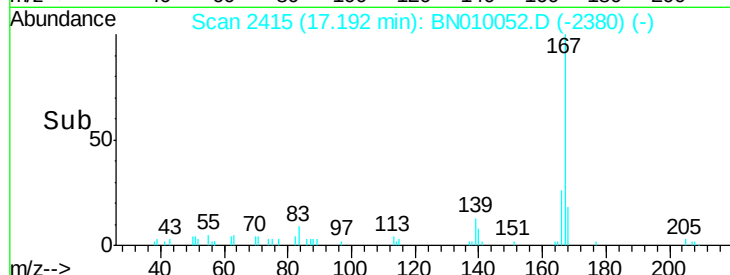
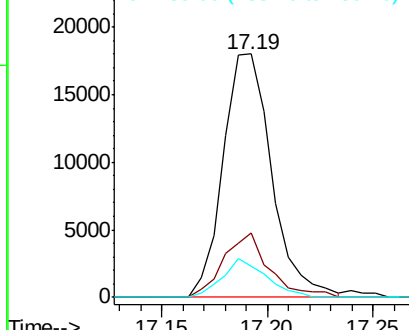


Abundance

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: 17.672 ng/ul

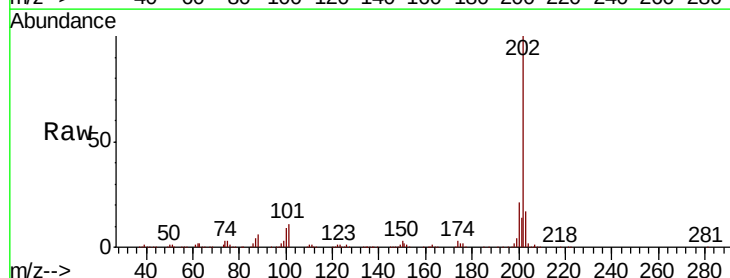
RT: 18.84 min Scan# 2695

Delta R.T. -0.01 min

Lab File: BN010052.D

Acq: 02 Mar 2020 22:27

Tgt Ion:	202	Resp:	634871
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.4	14.2
100	8.8	7.2	10.8

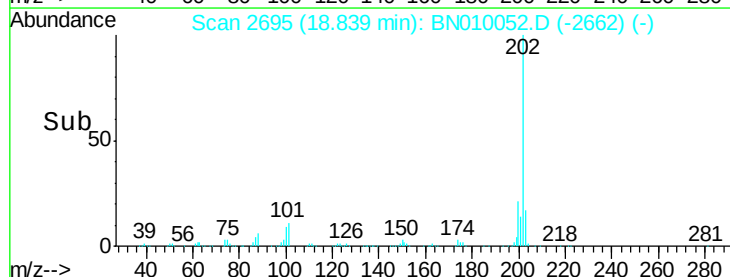
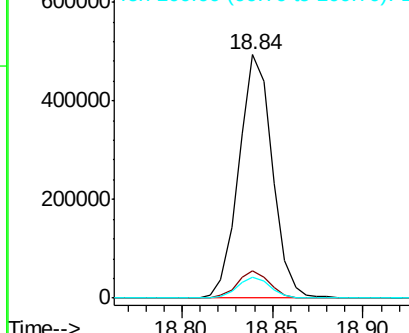


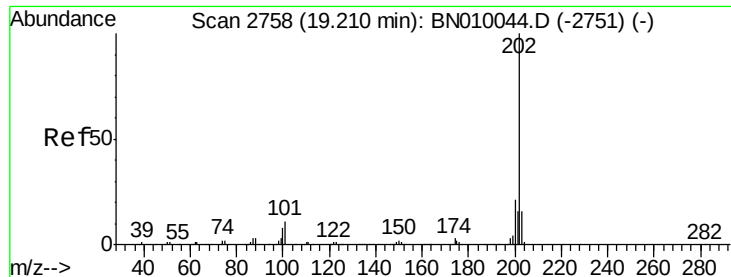
Abundance

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





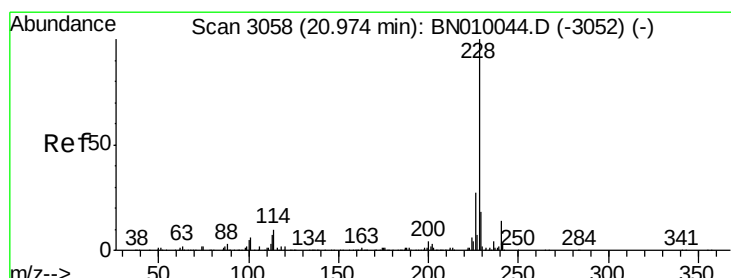
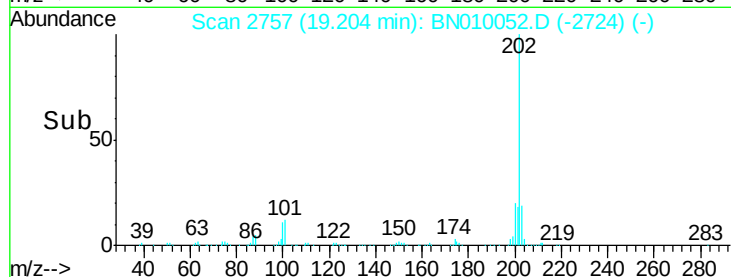
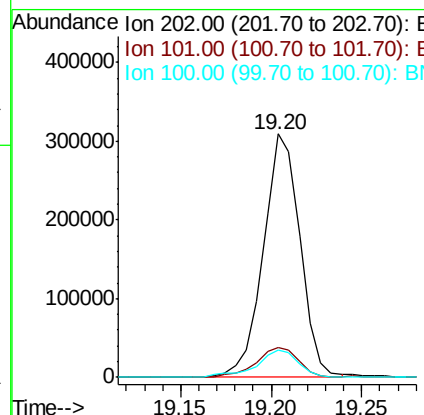
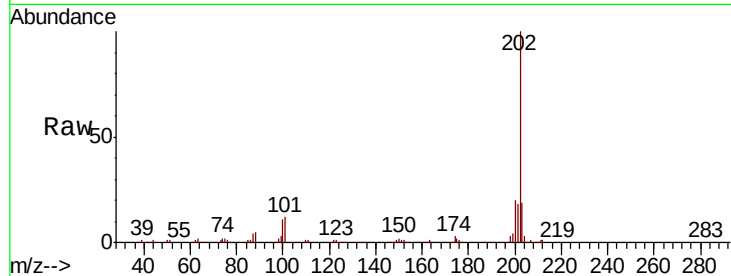
#80
Pvrene
Concen: 12.631 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Instrument :
BNA_N
ClientSampleId :
DBDW1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	435104		
101	12.2		11.3	16.9
100	11.3		9.0	13.6

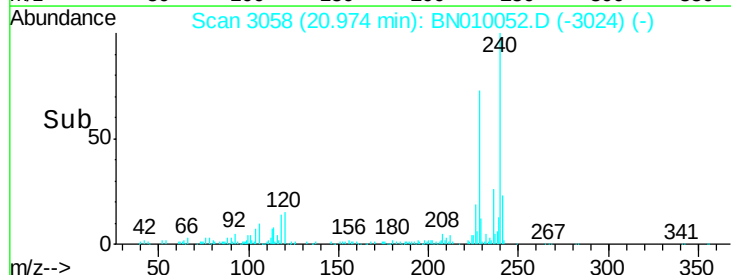
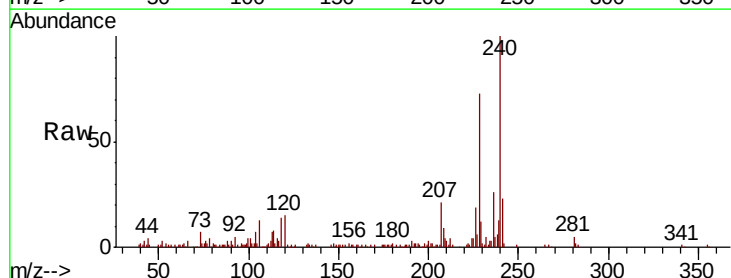
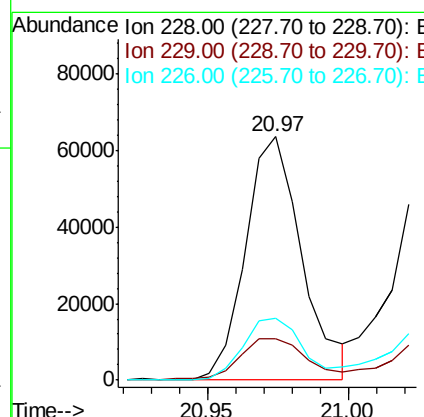
Manual Integrations
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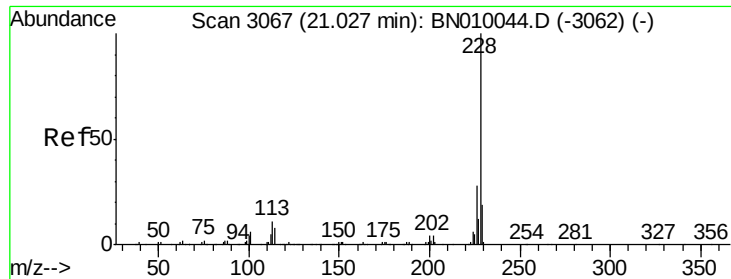
mohammad
3/4/2020 7:50:55 AM



#83
Benzo(a)anthracene
Concen: 2.687 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010052.D
Acq: 02 Mar 2020 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	88212		
229	17.1		15.0	22.4
226	25.6		21.4	32.2





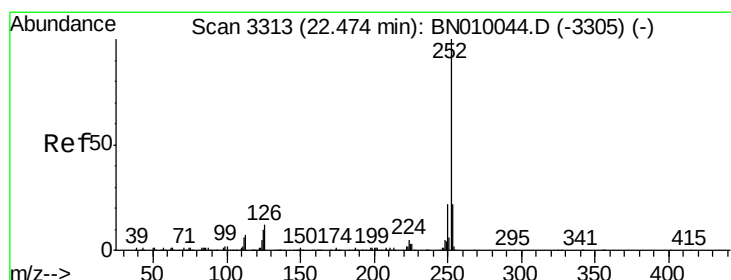
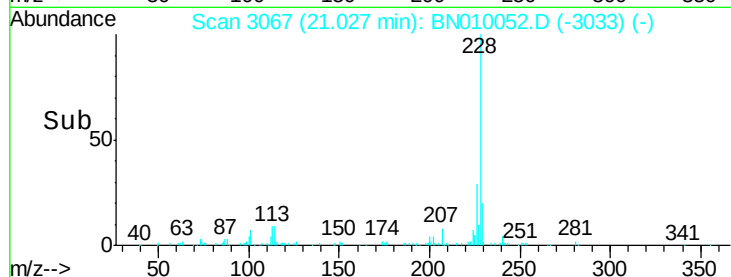
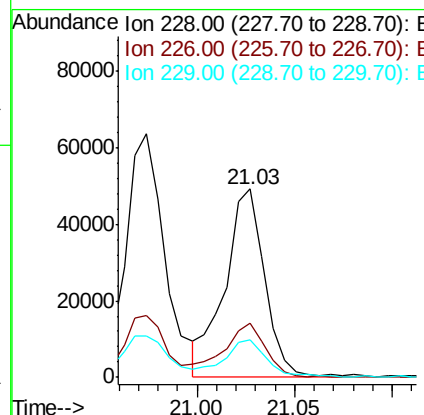
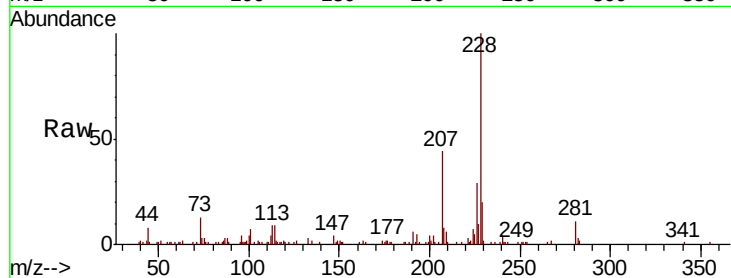
#85
 Chrysene
 Concen: 2.153 ng/ul
 RT: 21.03 min Scan# 3067
 Delta R.T. -0.00 min
 Lab File: BN010052.D
 Acq: 02 Mar 2020 22:27

Instrument :
 BNA_N
 ClientSampleId :
 DBDW1

Tot Ion:	228	Resp:	69579
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	20.3	15.0	22.4

Manual Integrations
 APPROVED

mohammad
 3/4/2020 7:50:55 AM



#88
 Benzo(b)fluoranthene
 Concen: 1.390 ng/ul
 RT: 22.47 min Scan# 3313
 Delta R.T. -0.00 min
 Lab File: BN010052.D
 Acq: 02 Mar 2020 22:27

Tgt Ion:	252	Resp:	46053
Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.0	25.4#
125	16.4	8.0	12.0#

