

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009639.D
 Acq On : 07 Feb 2020 09:35
 Operator : CG/JU
 Sample : L1324-19 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT74

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:37 AM

Quant Time: Feb 07 14:10:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 11:12:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	196449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	828295	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	500598	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	994802	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	850983	20.00	ng/ul	0.01
85) Perylene-d12	23.17	264	961284	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1077	0.22	ng/uL	0.01
5) Phenol-d5	6.64	99	25817	1.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	17287m	1.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	19175	1.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	18737	1.37	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	7988	1.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.29	143	9282	1.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	18120	1.41	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	5188	0.37	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	61457	1.68	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	73440	1.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	7454m	1.08	ng/ul	0.02
57) Fluorene-d10	15.07	176	56927	1.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	5074	0.82	ng/ul	0.01
70) Anthracene-d10	16.92	188	82382m	1.82	ng/ul	0.00
78) Pyrene-d10	19.24	212	84481	1.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	84595	1.79	ng/ul	0.01

Target Compounds

					Ovalue	
47) Acenaphthylene	13.79	152	1503447	31.113	ng/ul	99
49) Acenaphthene	14.13	153	85947	2.616	ng/ul	96
58) Fluorene	15.15	166	127433	3.333	ng/ul#	60
69) Phenanthrene	16.87	178	775602	13.671	ng/ul	99
71) Anthracene	16.96	178	811222	14.092	ng/ul	99
76) Fluoranthene	18.91	202	7137137	110.226	ng/ul	99
79) Pyrene	19.28	202	11762570m	189.347	ng/ul	
82) Benzo(a)anthracene	21.03	228	3400989m	57.883	ng/ul	
84) Chrysene	21.09	228	3552637	60.736	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	3128435	52.016	ng/ul	99
88) Benzo(k)fluoranthene	22.58	252	997840m	16.847	ng/ul	
90) Benzo(a)pyrene	23.08	252	1970817	35.368	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	1450452	21.894	ng/ul	94
92) Dibenzo(a,h)anthracene	25.23	278	461438	8.275	ng/ul#	85
93) Benzo(g,h,i)perylene	25.87	276	1471929	26.510	ng/ul	96

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

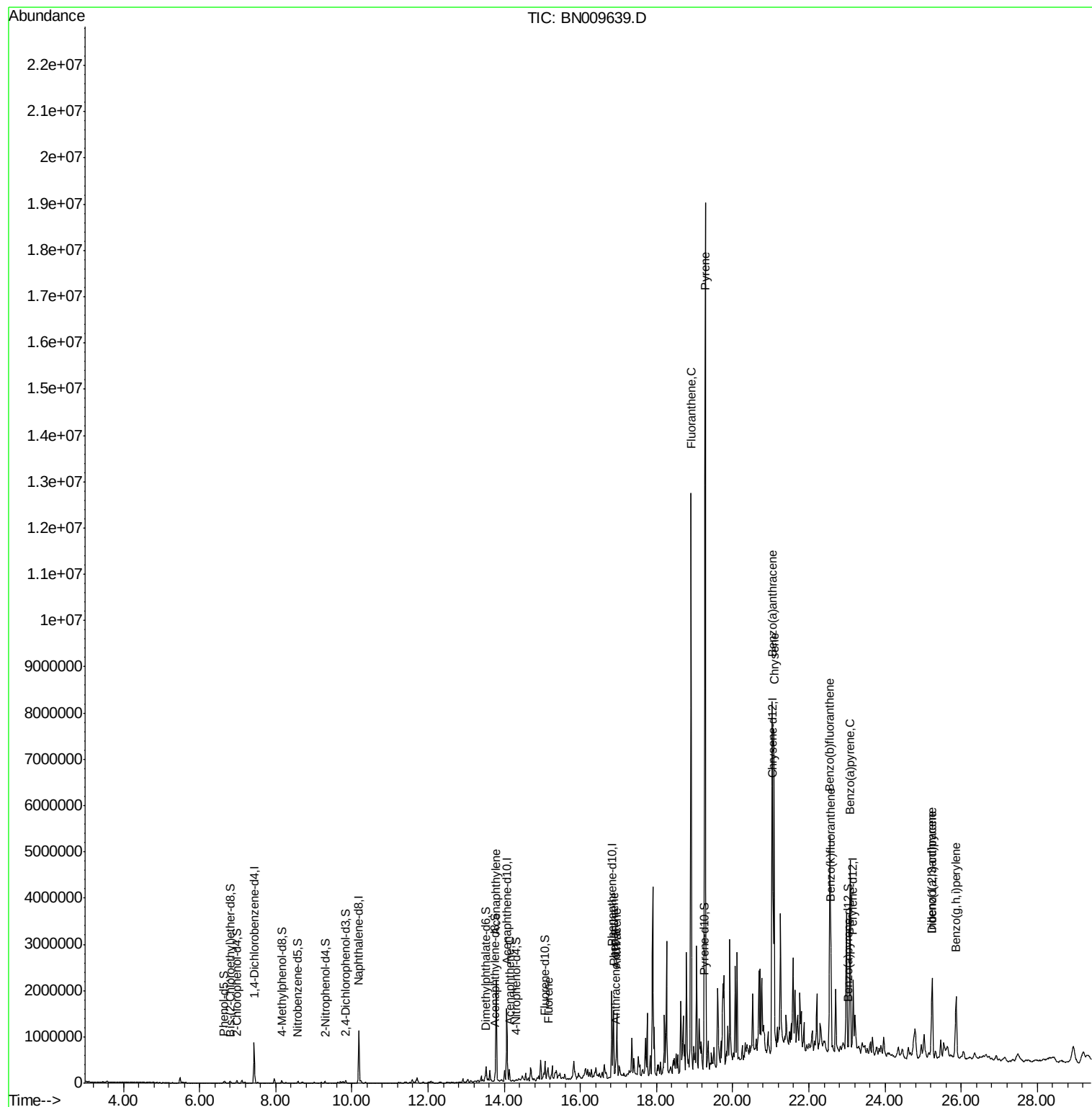
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

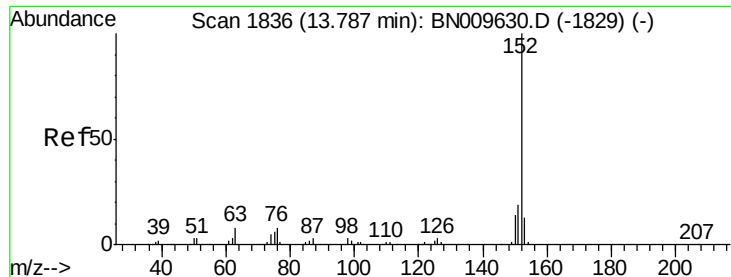
Instrument :
BNA_N
ClientSampleId :
GAT74

Manual Integrations
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2/10/2020 8:20:37 AM

Quant Time: Feb 07 14:10:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration





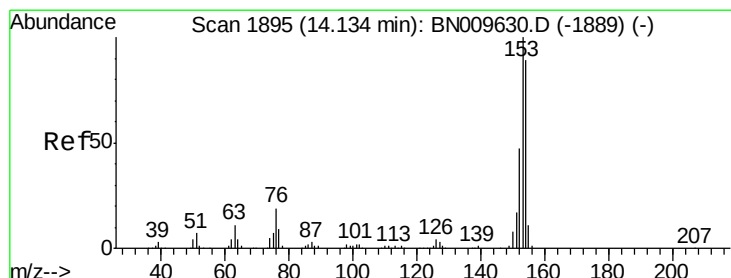
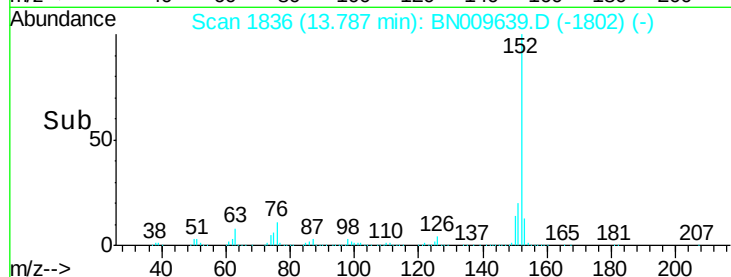
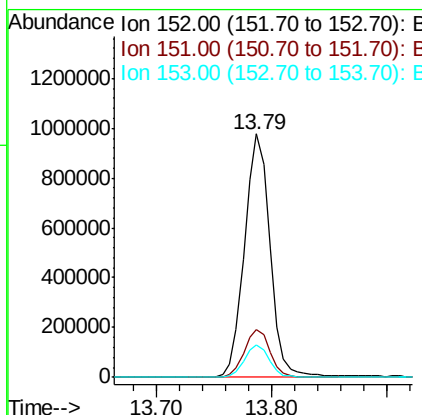
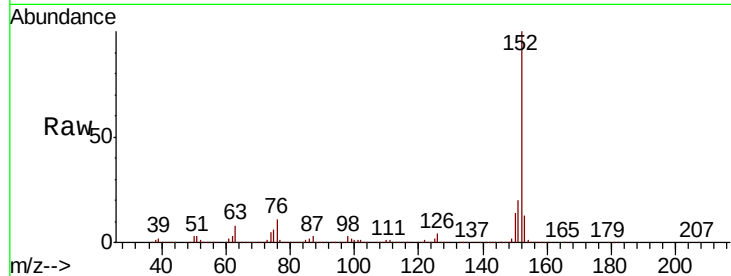
#47
Acenaphthylene
Concen: 31.113 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.3	10.6	15.8

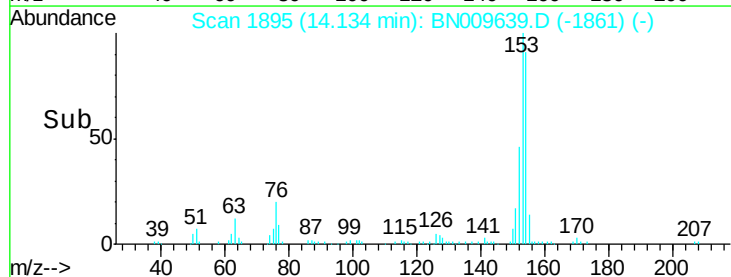
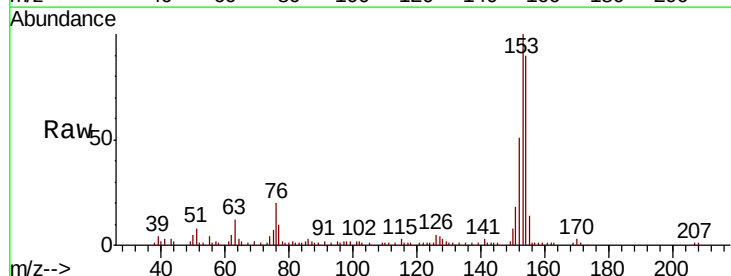
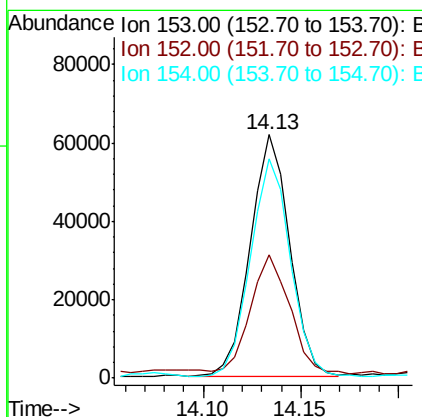
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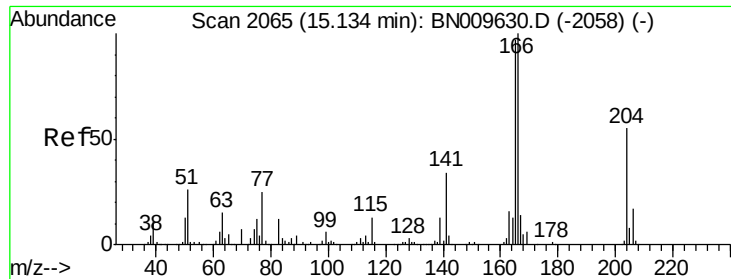
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#49
Acenaphthene
Concen: 2.616 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.7	37.3	55.9
154	90.3	70.2	105.2





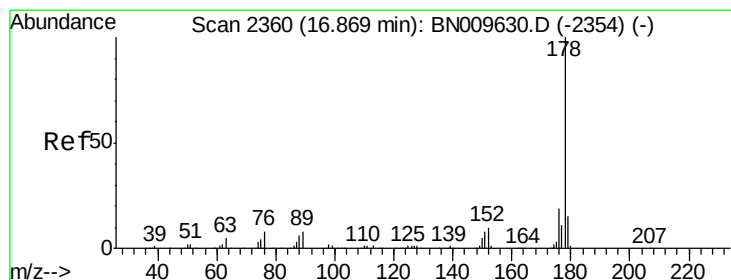
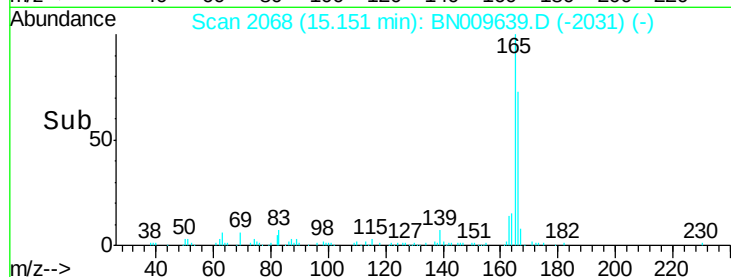
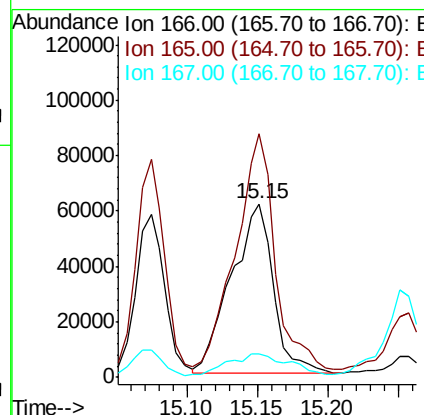
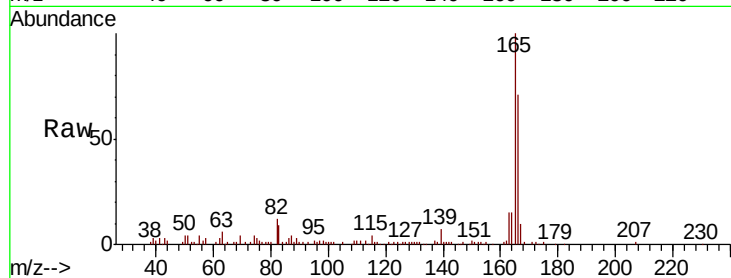
#58
 Fluorene
 Concen: 3.333 ng/ul
 RT: 15.15 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: BN009639.D
 Acq: 07 Feb 2020 09:35

Instrument :
 BNA_N
 ClientSampled :
 GAT74

Tot Ion	Ratio	Lower	Upper
166	100		
165	140.5	76.7	115.1#
167	13.4	11.1	16.7

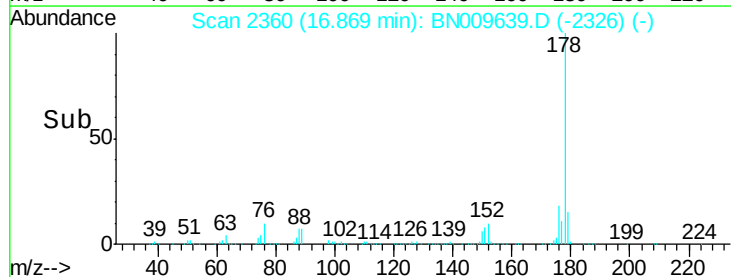
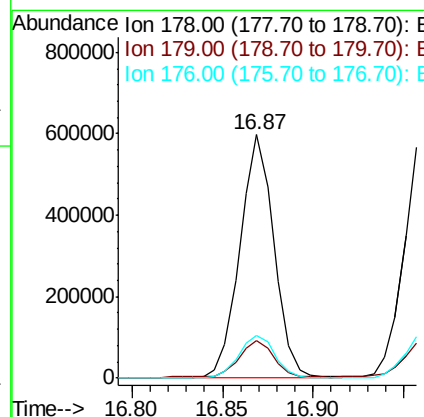
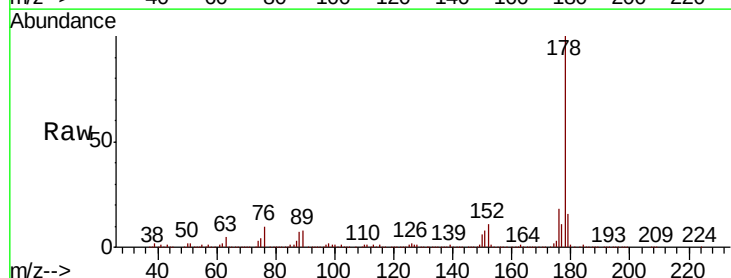
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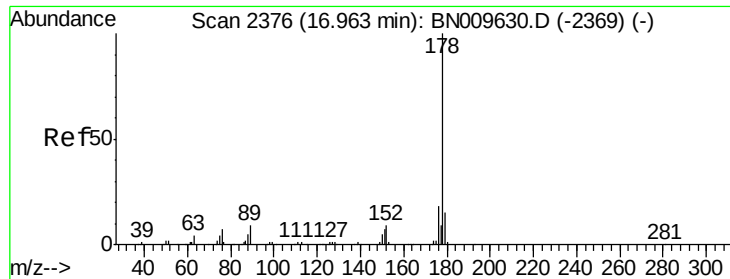
mohammad
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#69
 Phenanthrene
 Concen: 13.671 ng/ul
 RT: 16.87 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BN009639.D
 Acq: 07 Feb 2020 09:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	17.8	14.8	22.2





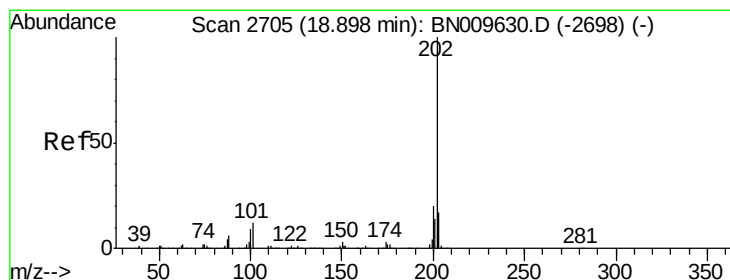
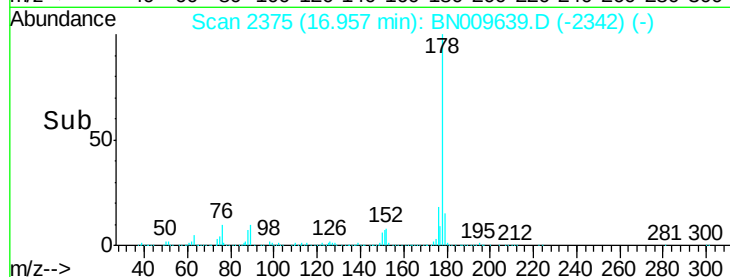
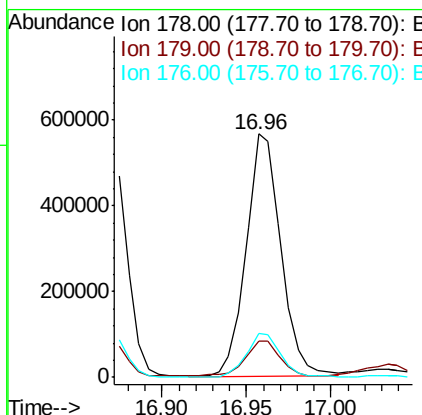
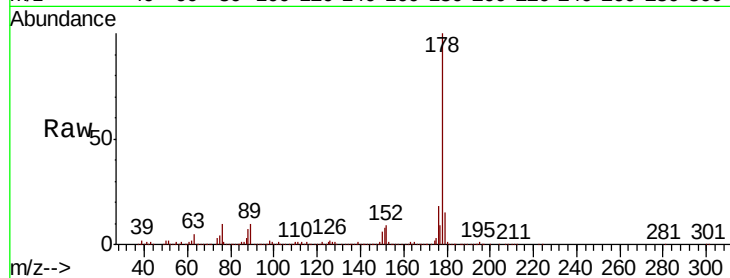
#71
 Anthracene
 Concen: 14.092 ng/ul
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN009639.D
 Acq: 07 Feb 2020 09:35

Instrument :
 BNA_N
 ClientSampleId :
 GAT74

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	17.8	14.6	21.8

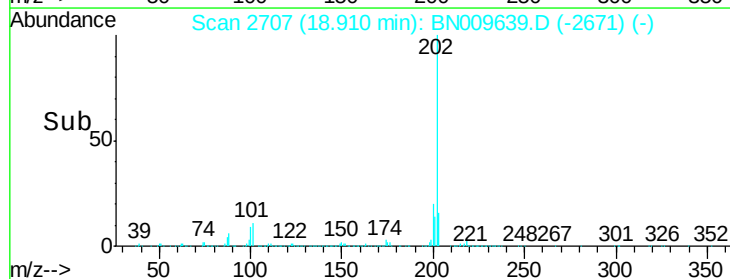
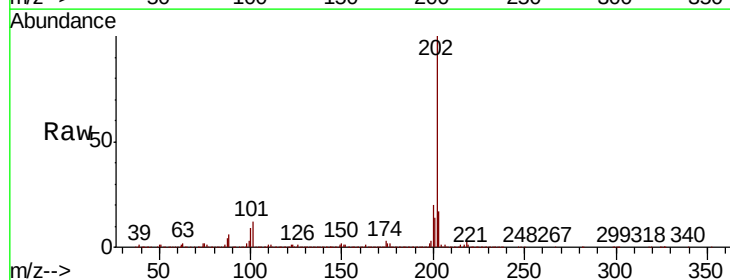
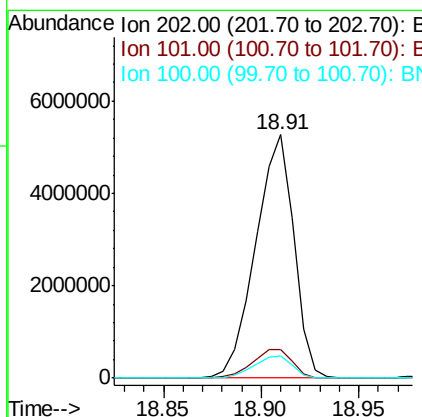
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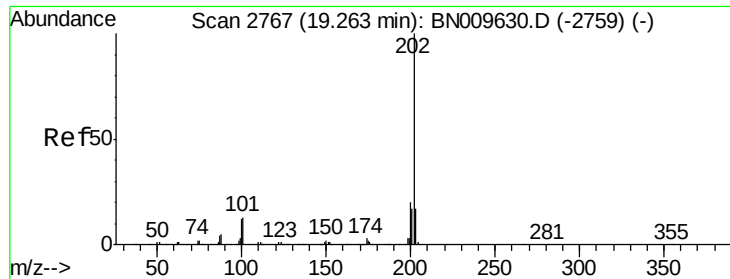
mohammad
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#76
 Fluoranthene
 Concen: 110.226 ng/ul
 RT: 18.91 min Scan# 2707
 Delta R.T. 0.01 min
 Lab File: BN009639.D
 Acq: 07 Feb 2020 09:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
100	9.0	6.9	10.3





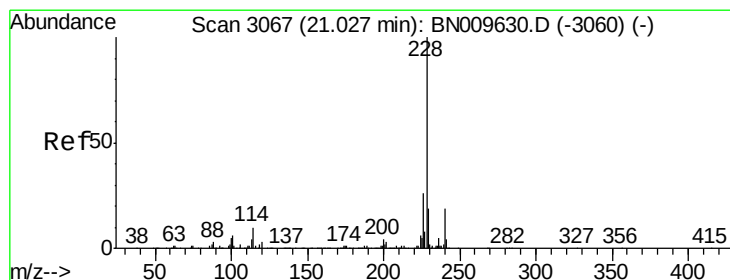
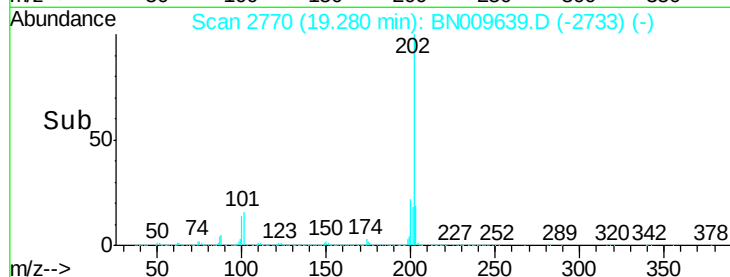
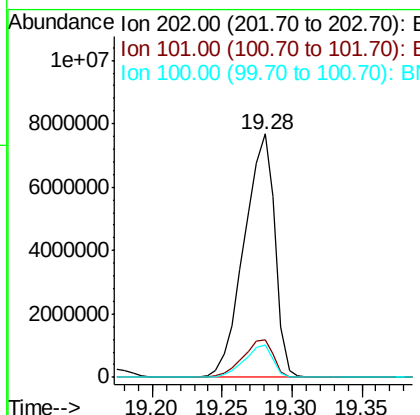
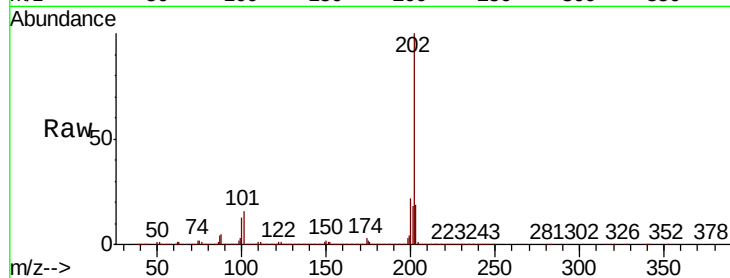
#79
 Pvrene
 Concen: 189.347 ng/ul m
 RT: 19.28 min Scan# 2770
 Delta R.T. 0.02 min
 Lab File: BN009639.D
 Acq: 07 Feb 2020 09:35

Instrument :
 BNA_N
 ClientSampled :
 GAT74

Tot Ion:202 Resp:11762570
 Ion Ratio Lower Upper
 202 100
 101 15.6 10.3 15.5#
 100 13.2 8.4 12.6#

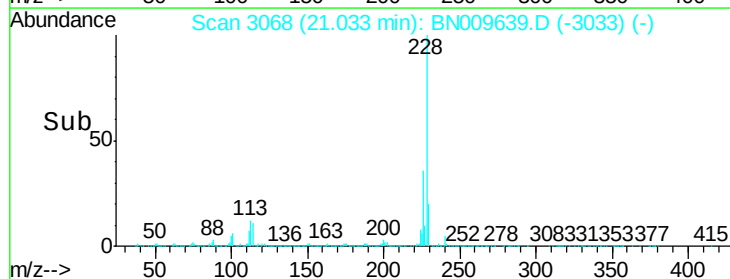
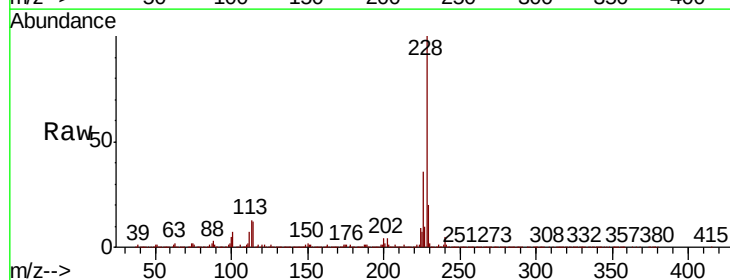
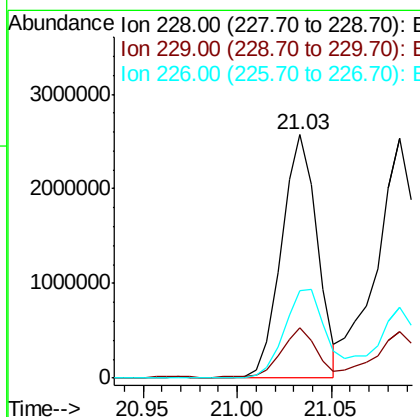
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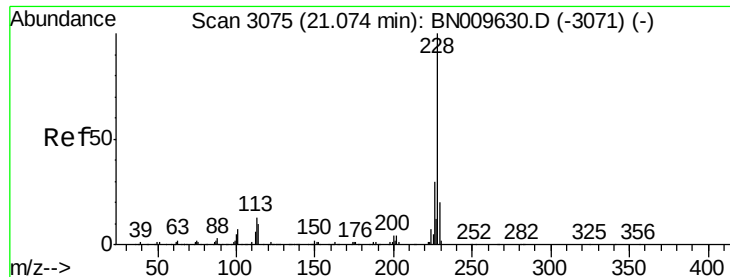
mohammad
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#82
 Benzo(a)anthracene
 Concen: 57.883 ng/ul m
 RT: 21.03 min Scan# 3068
 Delta R.T. 0.01 min
 Lab File: BN009639.D
 Acq: 07 Feb 2020 09:35

Tgt Ion:228 Resp: 3400989
 Ion Ratio Lower Upper
 228 100
 229 20.5 15.0 22.4
 226 35.9 20.9 31.3#





#84

Chrysene

Concen: 60.736 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN009639.D

Acq: 07 Feb 2020 09:35

Instrument :

BNA_N

ClientSampled :

GAT74

Tot Ion:228 Resp: 3552637

Ion Ratio Lower Upper

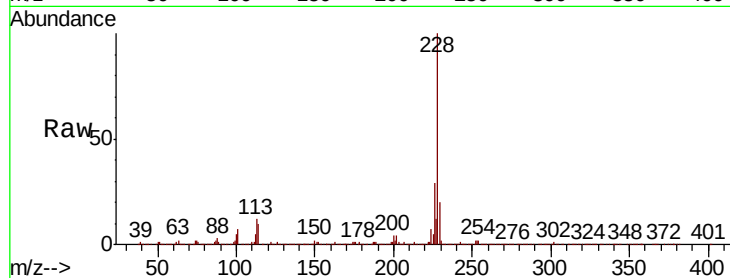
228 100

226 29.3 23.5 35.3

229 19.6 15.8 23.8

Manual Integrations
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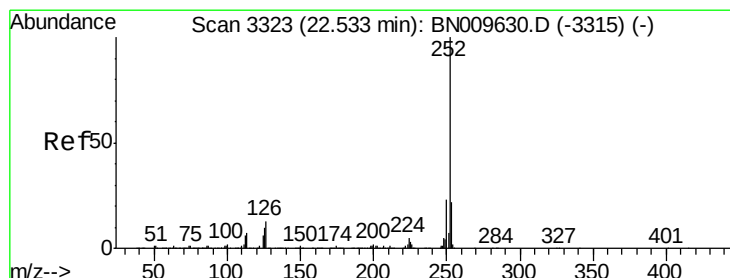
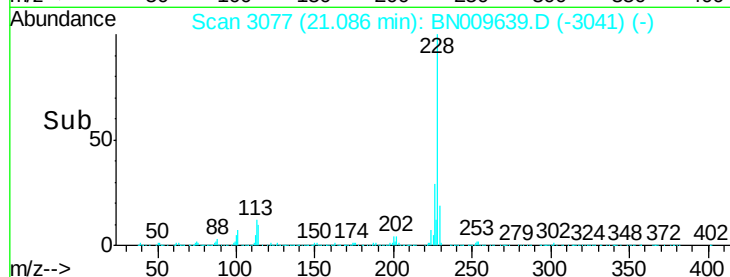
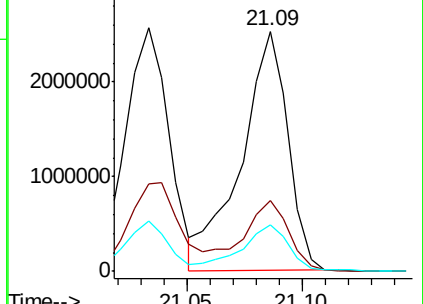
mohammad
2/10/2020 8:20:37 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 52.016 ng/ul

RT: 22.55 min Scan# 3326

Delta R.T. 0.02 min

Lab File: BN009639.D

Acq: 07 Feb 2020 09:35

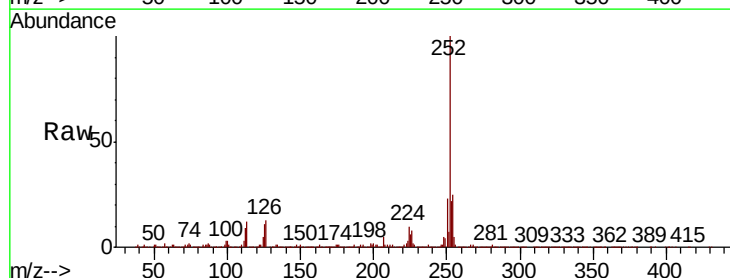
Tgt Ion:252 Resp: 3128435

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

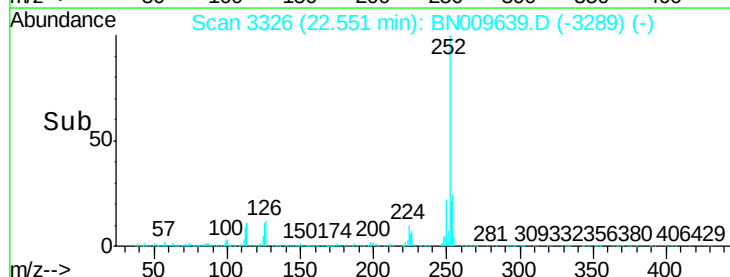
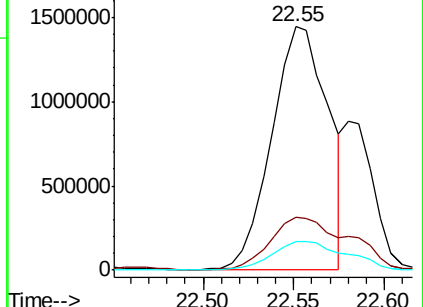
125 11.5 8.2 12.2

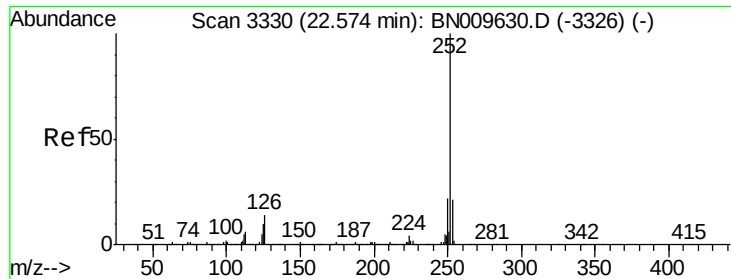


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





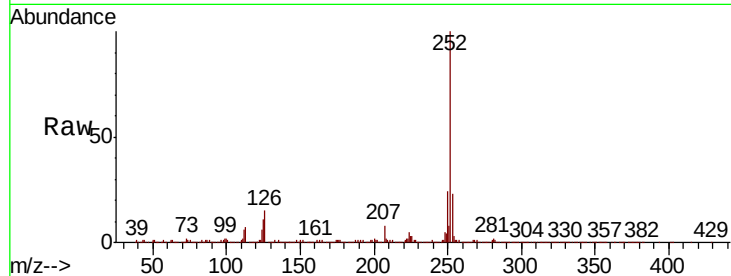
#88
Benzo(k)fluoranthene
Concen: 16.847 ng/ul m
RT: 22.58 min Scan# 3331
Delta R.T. 0.01 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	10.8	8.0	12.0

Manual Integrations
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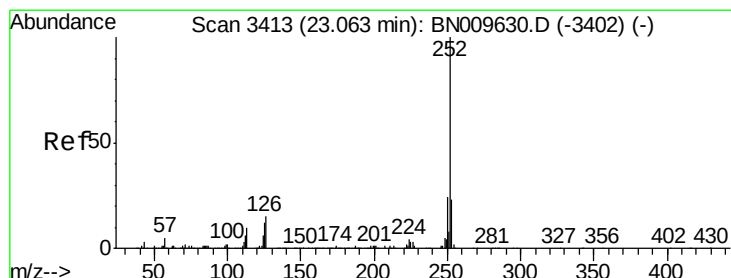
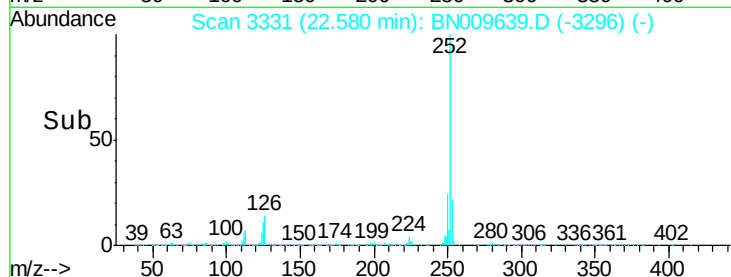
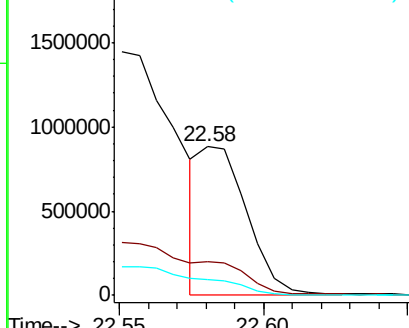


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 35.368 ng/ul
RT: 23.08 min Scan# 3416
Delta R.T. 0.02 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

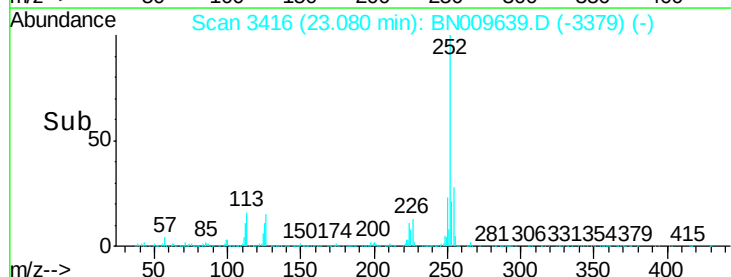
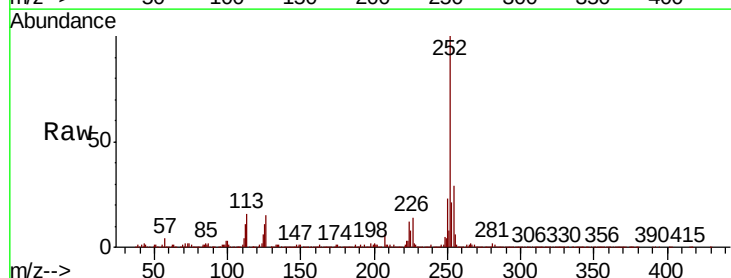
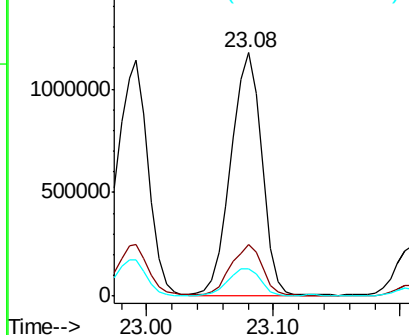
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	15.8	23.8
125	11.2	8.7	13.1

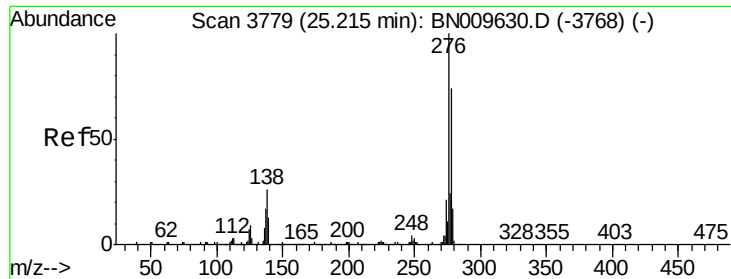
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

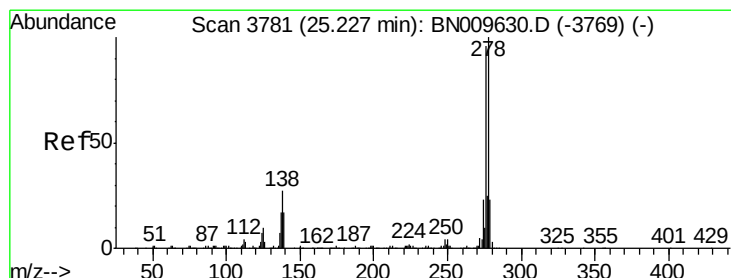
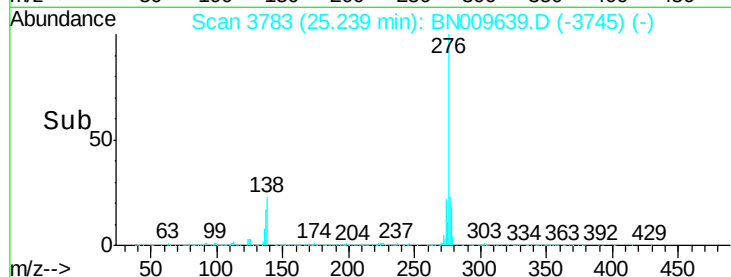
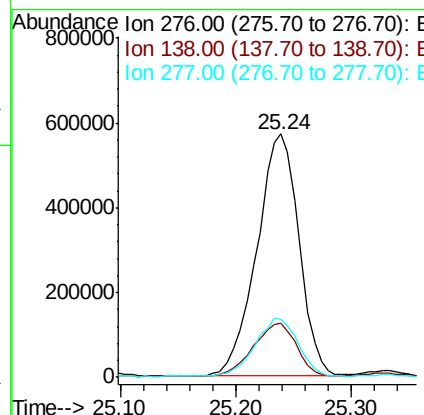
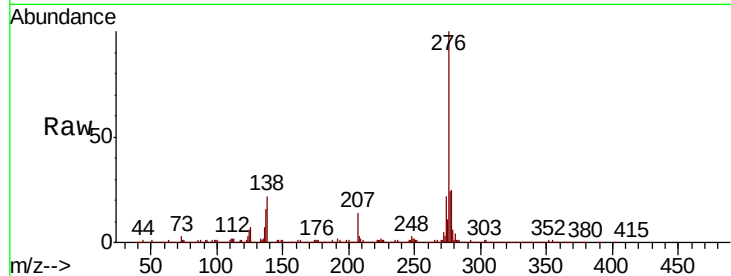
Indeno(1,2,3-cd)pyrene
Concen: 21.894 ng/ul
RT: 25.24 min Scan# 3783
Delta R.T. 0.02 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampled :
GAT74

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.3	30.5
277	23.6	21.2	31.8

Manual Integrations
APPROVED

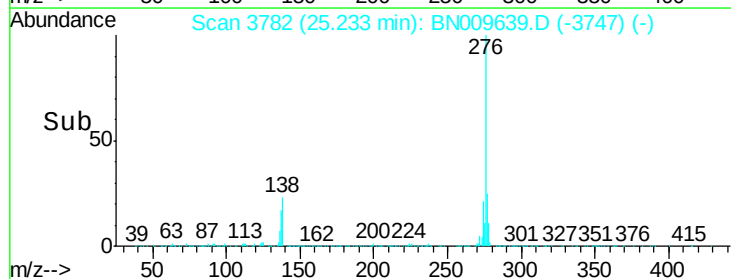
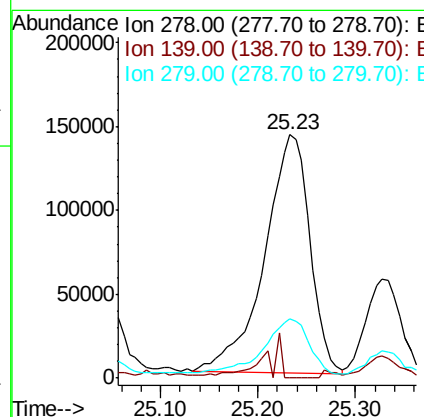
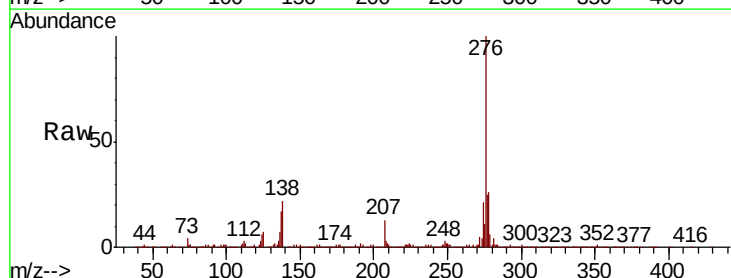
mohammad
2/10/2020 8:20:37 AM

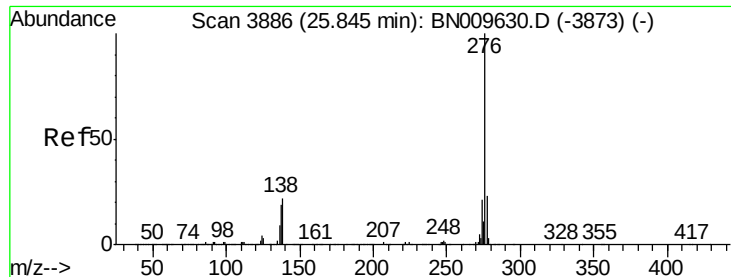


#92

Dibenzo(a,h)anthracene
Concen: 8.275 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. 0.01 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	24.4	19.8	29.8





#93

Benzo(a,h,i)perylene

Concen: 26.510 ng/ul

RT: 25.87 min Scan# 3891

Delta R.T. 0.03 min

Lab File: BN009639.D

Acq: 07 Feb 2020 09:35

Instrument :

BNA_N

ClientSampleId :

GAT74

Tot Ion:276 Resp: 1471929

Ion Ratio Lower Upper

276 100

138 21.7 16.0 24.0

277 23.0 17.0 25.6

Manual Integrations

APPROVED

mohammad

2/10/2020 8:20:37 AM

