

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
 Data File : BM026934.D
 Acq On : 29 Jul 2020 20:07
 Operator : JU/CG
 Sample : L3419-18
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7

Manual Integrations
 APPROVED

mohammad
 7/30/2020 3:32:45 PM

Quant Time: Jul 30 01:37:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 30 01:20:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	61858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	236140	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	148244	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	322572	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	352858	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	387571	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	10590	7.81	ng/uL	0.00
5) Phenol-d5	6.84	99	44757	8.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	32531	8.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	32719	8.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	33679	8.08	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	15860	8.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	13343	7.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	31586	7.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	41496	8.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	108871	9.37	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	125704	8.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	10198	5.19	ng/ul	-0.01
58) Fluorene-d10	15.29	176	96088	9.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	6816	4.74	ng/ul	-0.01
71) Anthracene-d10	17.14	188	145819	9.04	ng/ul	-0.01
79) Pyrene-d10	19.44	212	173432	9.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	204389	9.35	ng/ul	-0.02

Target Compounds

					Ovalue
45) Dimethylphthalate	13.76	163	47943	3.930 ng/ul	97
77) Fluoranthene	19.10	202	56909	2.462 ng/ul#	96
80) Pyrene	19.47	202	60033	2.338 ng/ul#	91
83) Benzo(a)anthracene	21.22	228	32939	1.354 ng/ul	94
85) Chrysene	21.27	228	78650	3.316 ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	212687	7.671 ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	75003m	2.819 ng/ul	
91) Benzo(a)pyrene	23.34	252	87970	3.516 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.65	276	252412	8.133 ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	57176	2.178 ng/ul	99
94) Benzo(g,h,i)perylene	26.33	276	451039	17.575 ng/ul	99

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

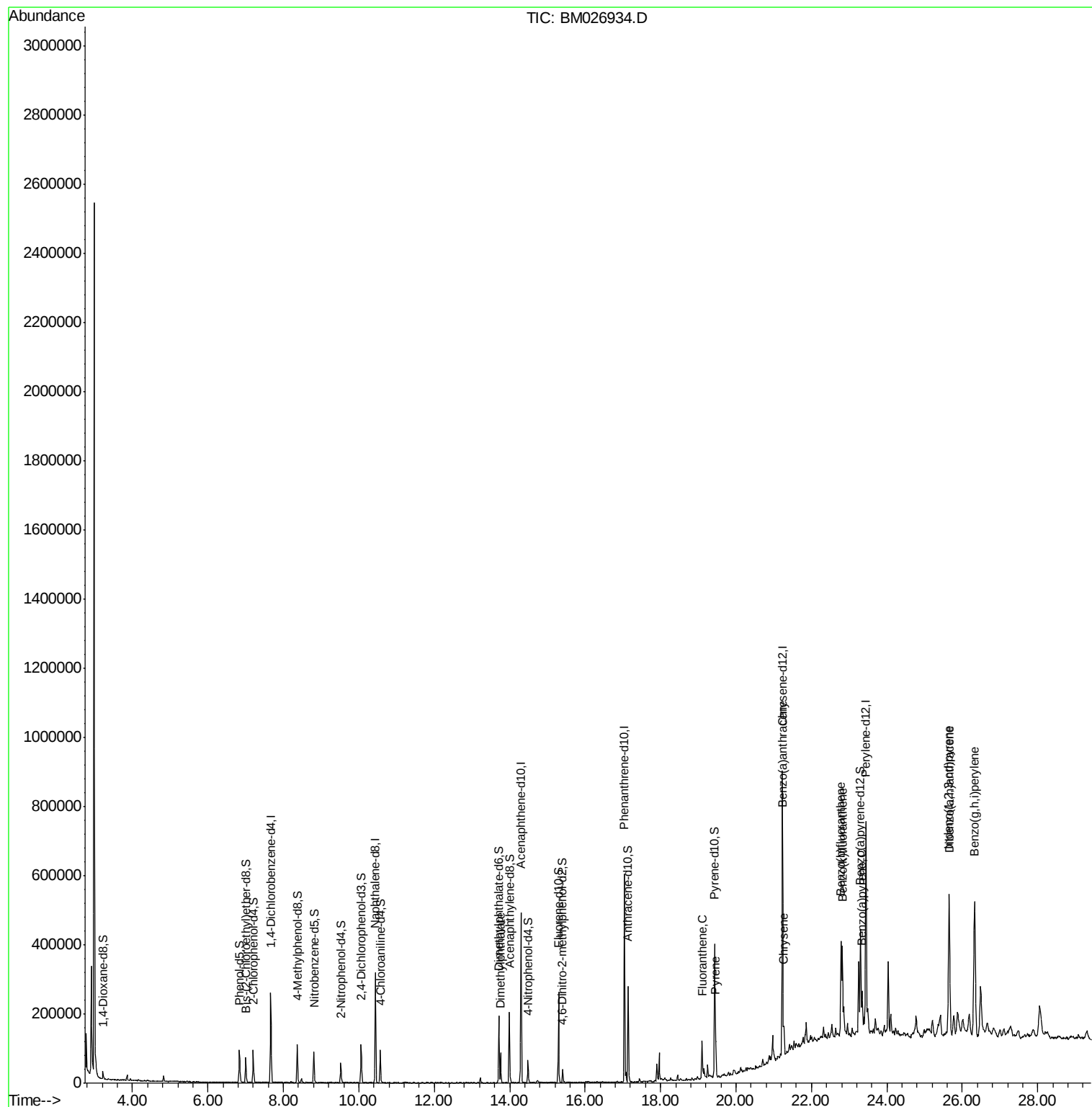
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026934.D
Acq On : 29 Jul 2020 20:07
Operator : JU/CG
Sample : L3419-18
Misc :
ALS Vial : 51 Sample Multiplier: 1

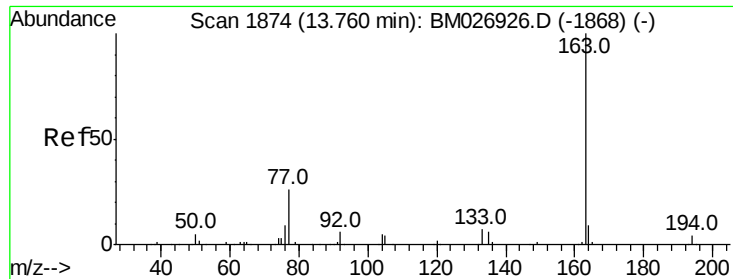
Instrument :
BNA_M
ClientSampleId :
C0AG7

Quant Time: Jul 30 01:37:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 01:20:34 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
7/30/2020 3:32:45 PM





#45

Dimethylphthalate

Concen: 3.930 ng/ul

RT: 13.76 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM026934.D

Acq: 29 Jul 2020 20:07

Instrument :

BNA_M

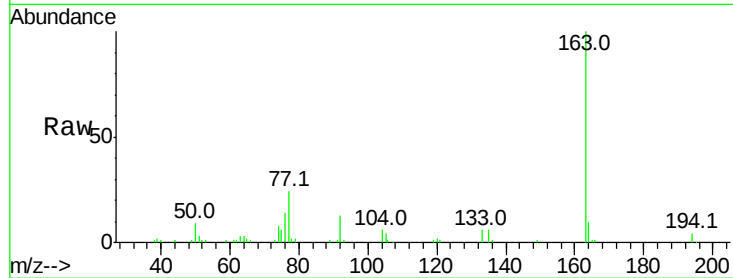
ClientSampleId :

C0AG7

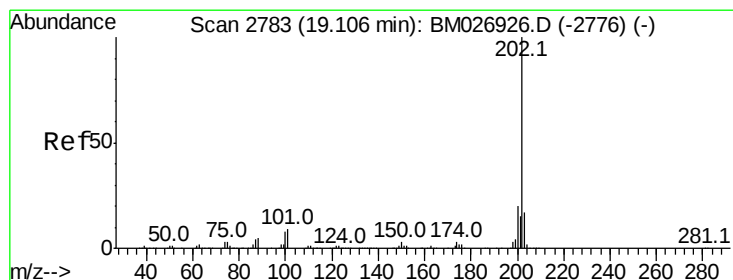
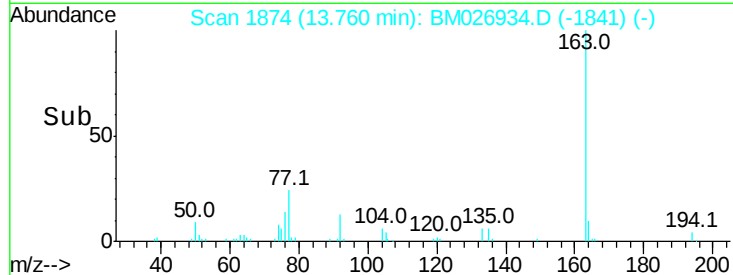
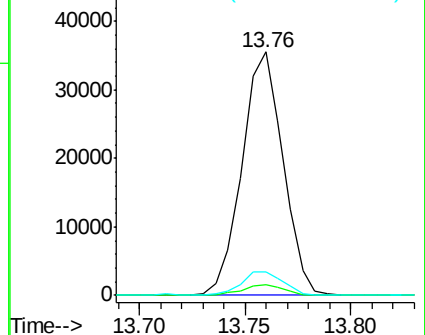
Tot Ion:	163	Resp:	47943
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.0	4.6
164	9.7	8.6	12.8

Manual Integrations
APPROVED

mohammad
7/30/2020 3:32:45 PM



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 2.462 ng/ul

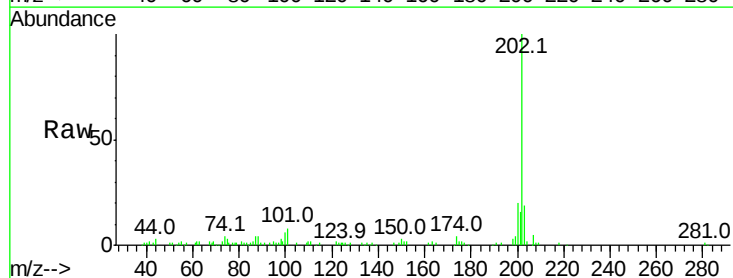
RT: 19.10 min Scan# 2782

Delta R.T. -0.01 min

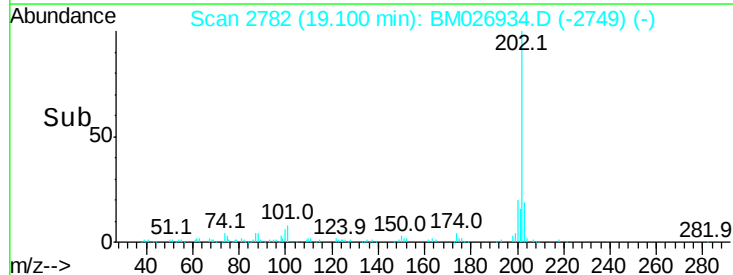
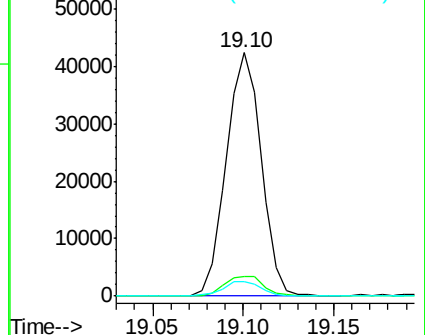
Lab File: BM026934.D

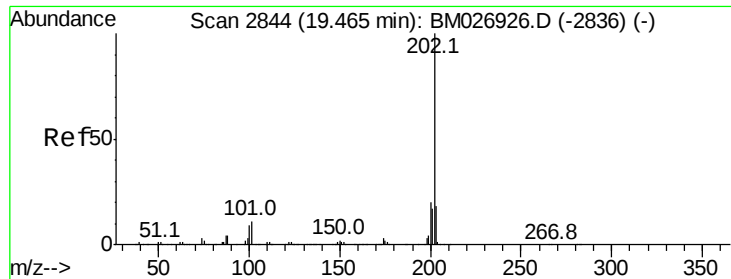
Acq: 29 Jul 2020 20:07

Tgt Ion:	202	Resp:	56909
Ion Ratio	Lower	Upper	
202	100		
101	8.3	7.7	11.5
100	6.1	6.2	9.4#



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





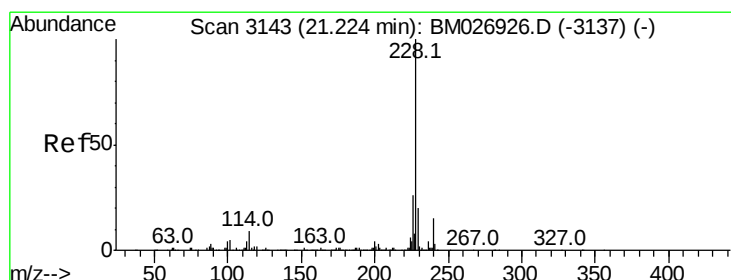
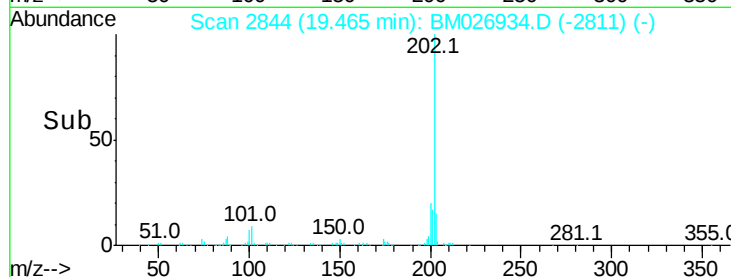
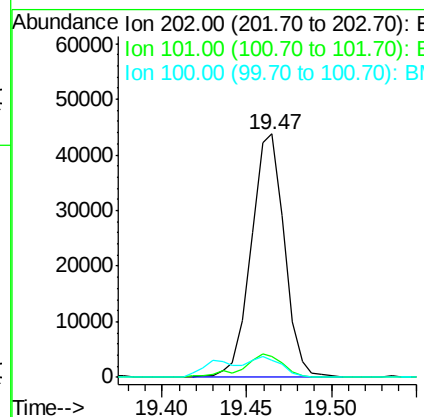
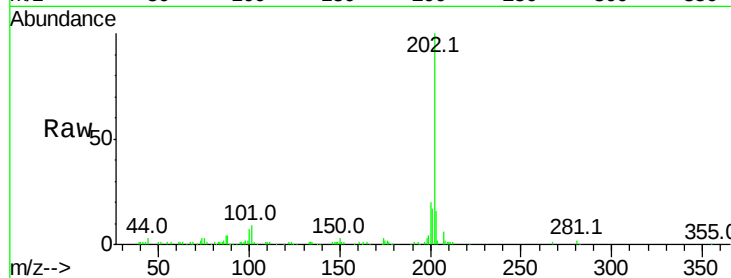
#80
Pvrene
Concen: 2.338 ng/ul
RT: 19.47 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BM026934.D
Acq: 29 Jul 2020 20:07

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	9.4	14.2#
100	6.8	8.2	12.4#

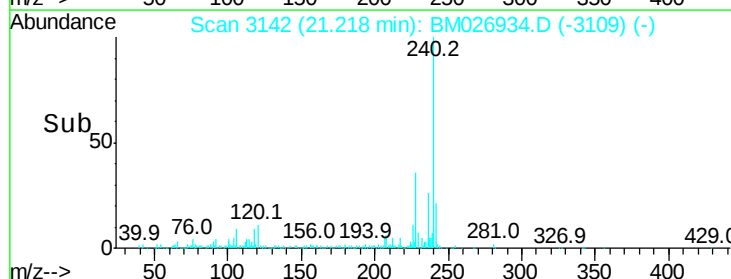
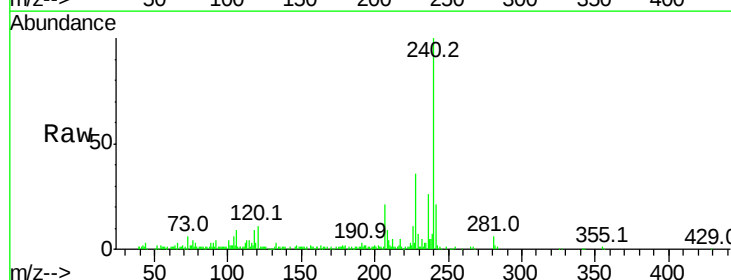
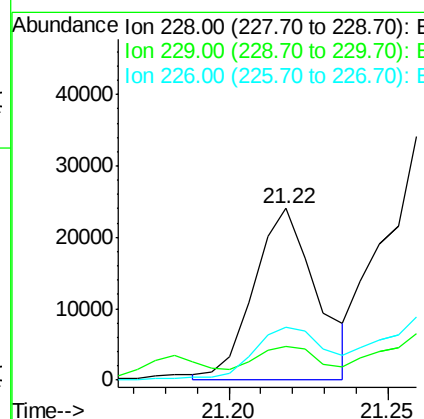
Manual Integrations
APPROVED

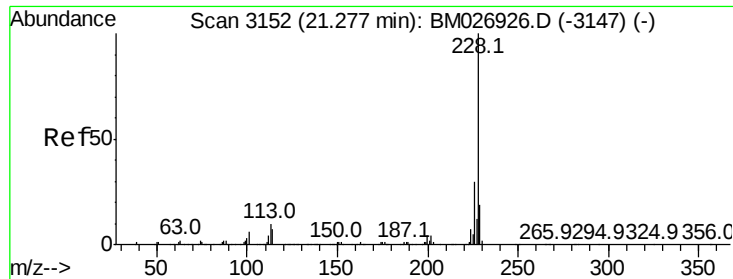
mohammad
7/30/2020 3:32:45 PM



#83
Benzo(a)anthracene
Concen: 1.354 ng/ul
RT: 21.22 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM026934.D
Acq: 29 Jul 2020 20:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	15.4	23.2
226	30.5	20.9	31.3





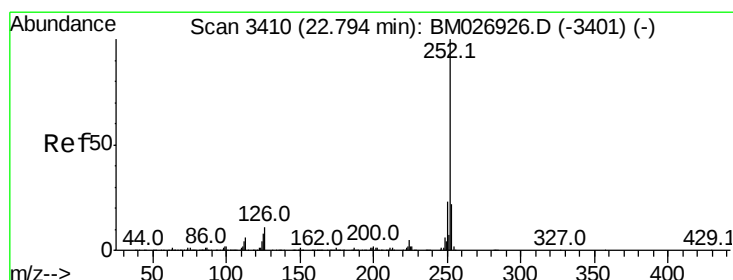
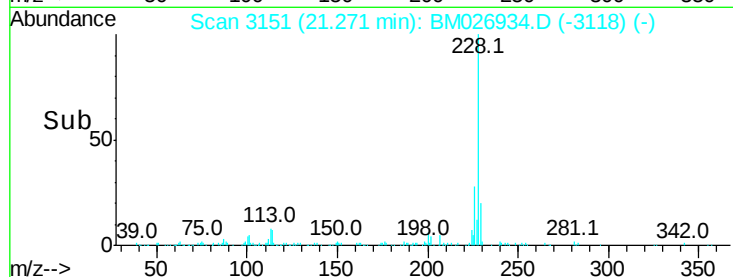
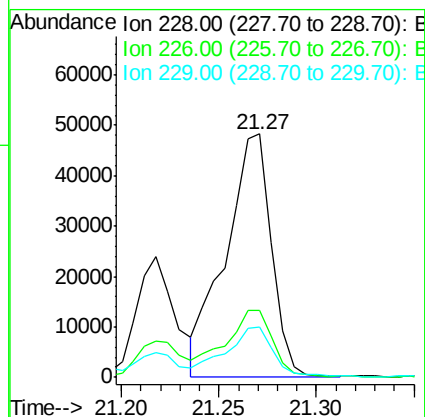
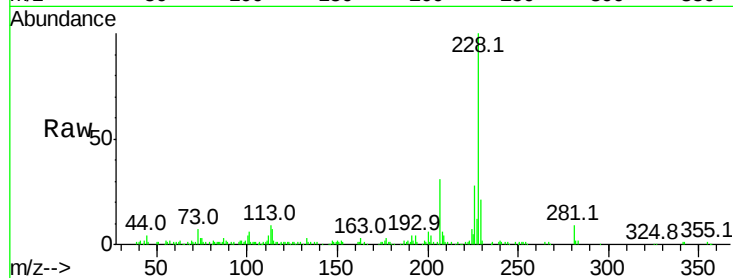
#85
Chrysene
Concen: 3.316 ng/ul
RT: 21.27 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BM026934.D
Acq: 29 Jul 2020 20:07

Instrument :
BNA_M
ClientSampleId :
C0AG7

Tot Ion:	228	Resp:	78650
Ion Ratio	Lower	Upper	
228	100		
226	27.7	23.2	34.8
229	20.8	15.5	23.3

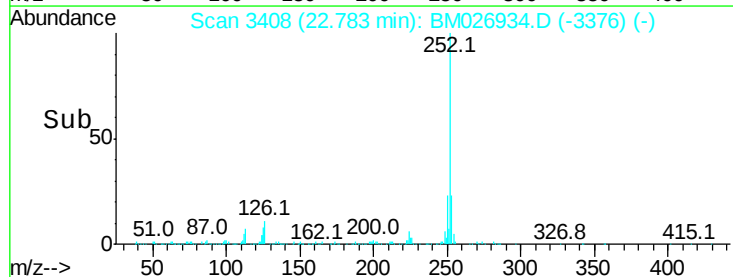
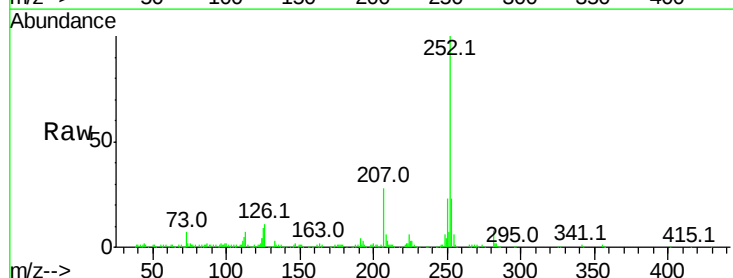
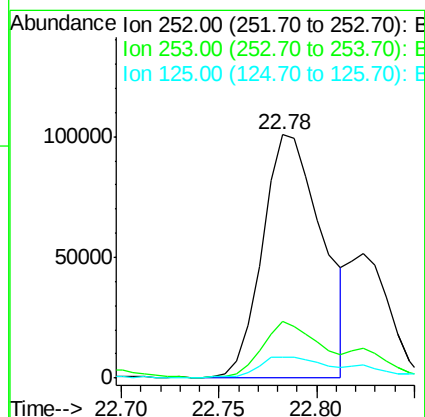
Manual Integrations
APPROVED

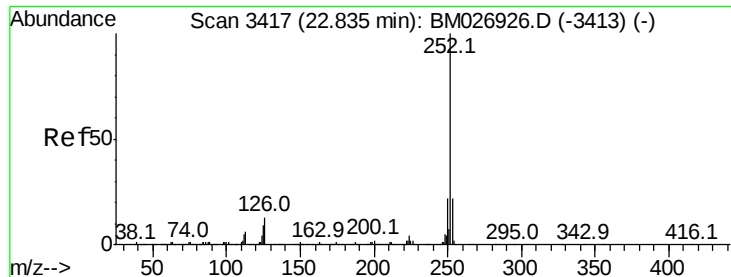
mohammad
7/30/2020 3:32:45 PM



#88
Benzo(b)fluoranthene
Concen: 7.671 ng/ul
RT: 22.78 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM026934.D
Acq: 29 Jul 2020 20:07

Tgt Ion:	252	Resp:	212687
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	8.7	6.6	10.0





#89

Benzo(k)fluoranthene

Concen: 2.819 ng/ul

RT: 22.82 min Scan# 3415

Delta R.T. -0.02 min

Lab File: BM026934.D

Acq: 29 Jul 2020 20:07

Instrument :

BNA_M

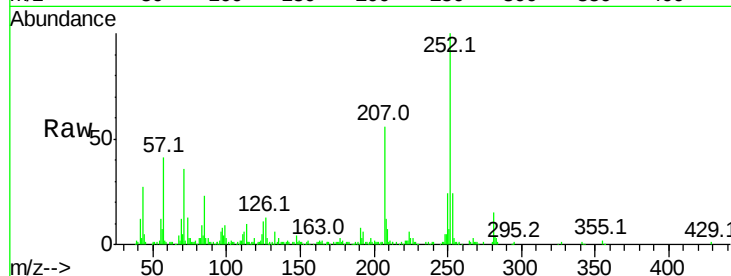
ClientSampleId :

C0AG7

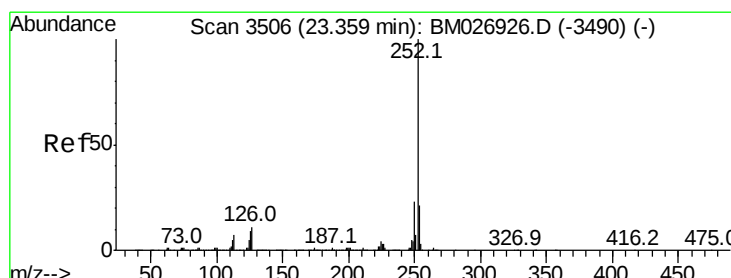
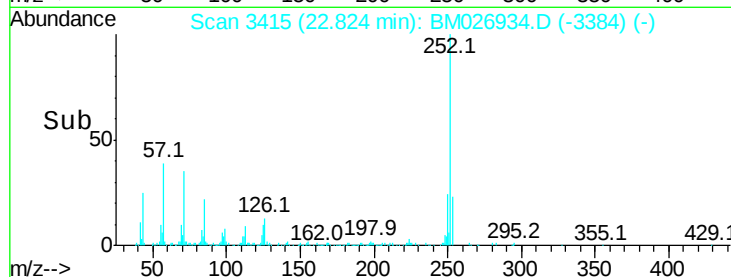
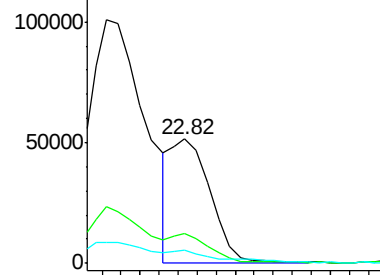
Tot Ion:	252	Resp:	75003
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.2
125	10.5	7.3	10.9

Manual Integrations
APPROVED

mohammad
7/30/2020 3:32:45 PM



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

Benzo(a)pyrene

Concen: 3.516 ng/ul

RT: 23.34 min Scan# 3503

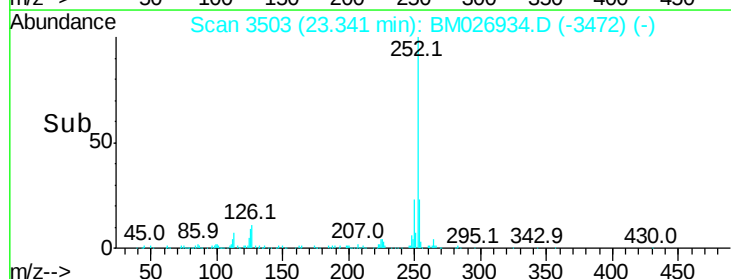
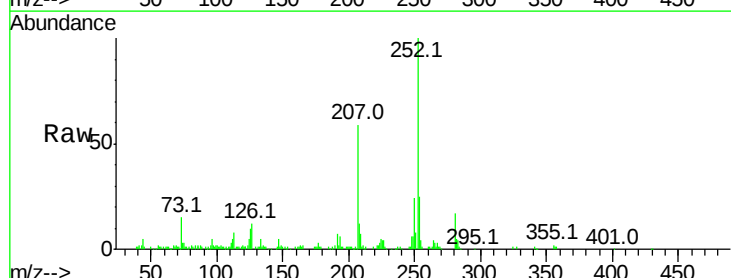
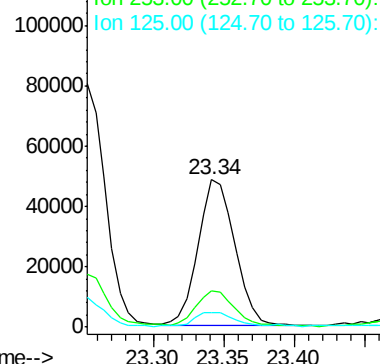
Delta R.T. -0.02 min

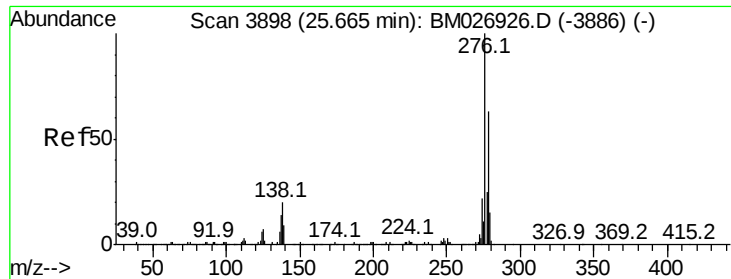
Lab File: BM026934.D

Acq: 29 Jul 2020 20:07

Tgt Ion:	252	Resp:	87970
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.7	26.5
125	10.0	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





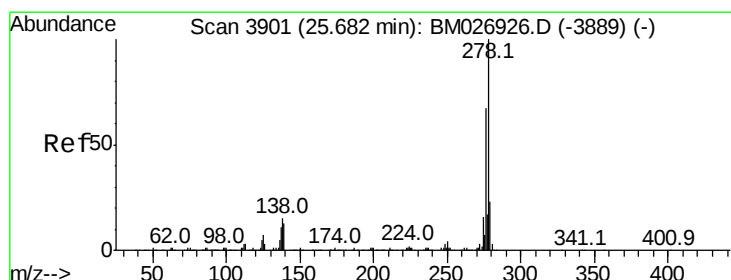
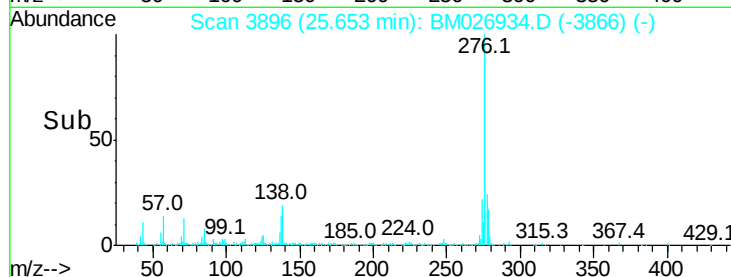
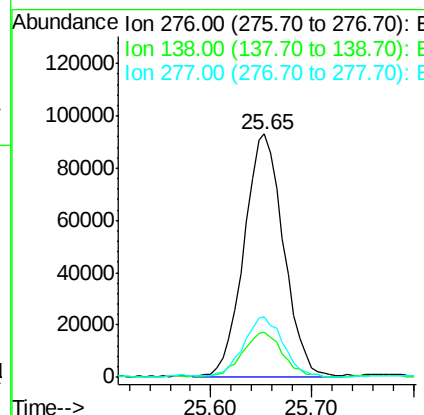
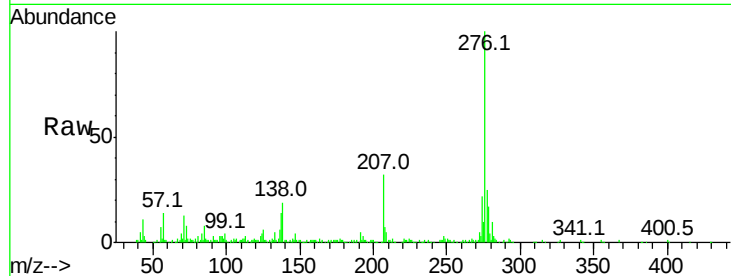
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 8.133 ng/ul
 RT: 25.65 min Scan# 3896
 Delta R.T. -0.02 min
 Lab File: BM026934.D
 Acq: 29 Jul 2020 20:07

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.0	25.4
277	24.7	20.6	30.8

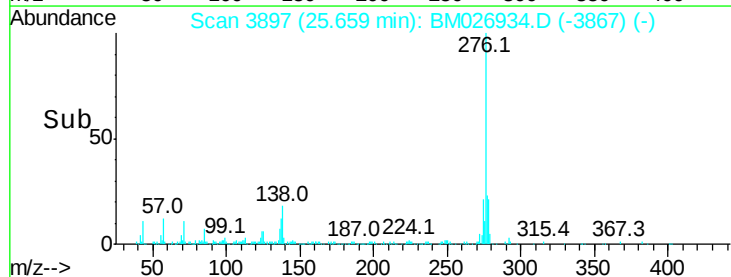
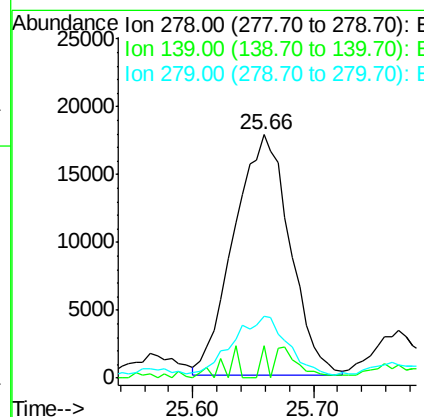
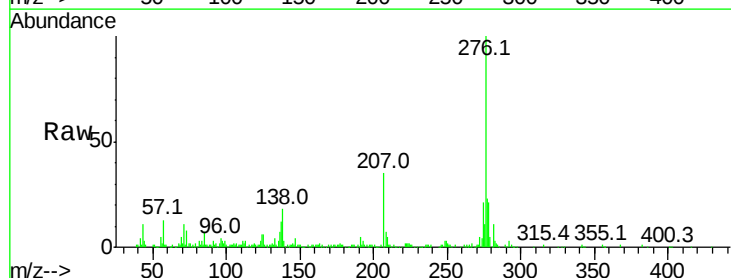
Manual Integrations
 APPROVED

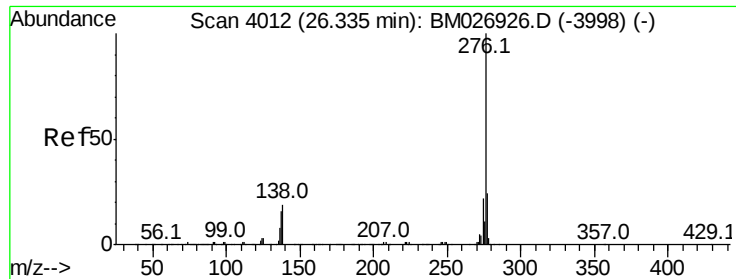
mohammad
 7/30/2020 3:32:45 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.178 ng/ul
 RT: 25.66 min Scan# 3897
 Delta R.T. -0.02 min
 Lab File: BM026934.D
 Acq: 29 Jul 2020 20:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.9	16.3
279	25.2	19.4	29.2





#94
 Benzo(a,h,i)perylene
 Concen: 17.575 ng/ul
 RT: 26.33 min Scan# 4011
 Delta R.T. -0.02 min
 Lab File: BM026934.D
 Acq: 29 Jul 2020 20:07

Instrument :
 BNA_M
 ClientSampleId :
 C0AG7

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.9	22.3
277	23.9	19.1	28.7

Manual Integrations
 APPROVED

mohammad
 7/30/2020 3:32:45 PM

