

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024815.D
 Acq On : 10 Feb 2020 19:17
 Operator : CG/JU
 Sample : L1402-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6L6

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:50:31 AM

Quant Time: Feb 11 04:09:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	257473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1017438	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	672519	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1501024	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1530426	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1600422	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	16749	3.13	ng/uL	0.00
5) Phenol-d5	6.60	99	292963	17.13	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	176458	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	271334	17.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	221849	15.37	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	132510	18.01	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	151599	17.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	284426	16.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	345199	21.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	986228	19.43	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1145116	19.32	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	119344	14.47	ng/ul	0.00
58) Fluorene-d10	15.06	176	863870	19.22	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	136549	13.96	ng/ul	0.00
71) Anthracene-d10	16.90	188	1262599	18.43	ng/ul	-0.01
79) Pyrene-d10	19.22	212	1584861	20.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1670965	20.79	ng/ul	-0.01

Target Compounds

					Ovalue
70) Phenanthrene	16.85	178	126157	1.541 ng/ul	98
77) Fluoranthene	18.88	202	229891	2.288 ng/ul	99
80) Pyrene	19.24	202	326854	3.226 ng/ul	98
83) Benzo(a)anthracene	21.01	228	174494	1.693 ng/ul	97
85) Chrysene	21.06	228	235166	2.317 ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	324863	3.192 ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	121355m	1.239 ng/ul	
91) Benzo(a)pyrene	23.03	252	204580	2.242 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	143607	1.264 ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	136770	1.448 ng/ul	96

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

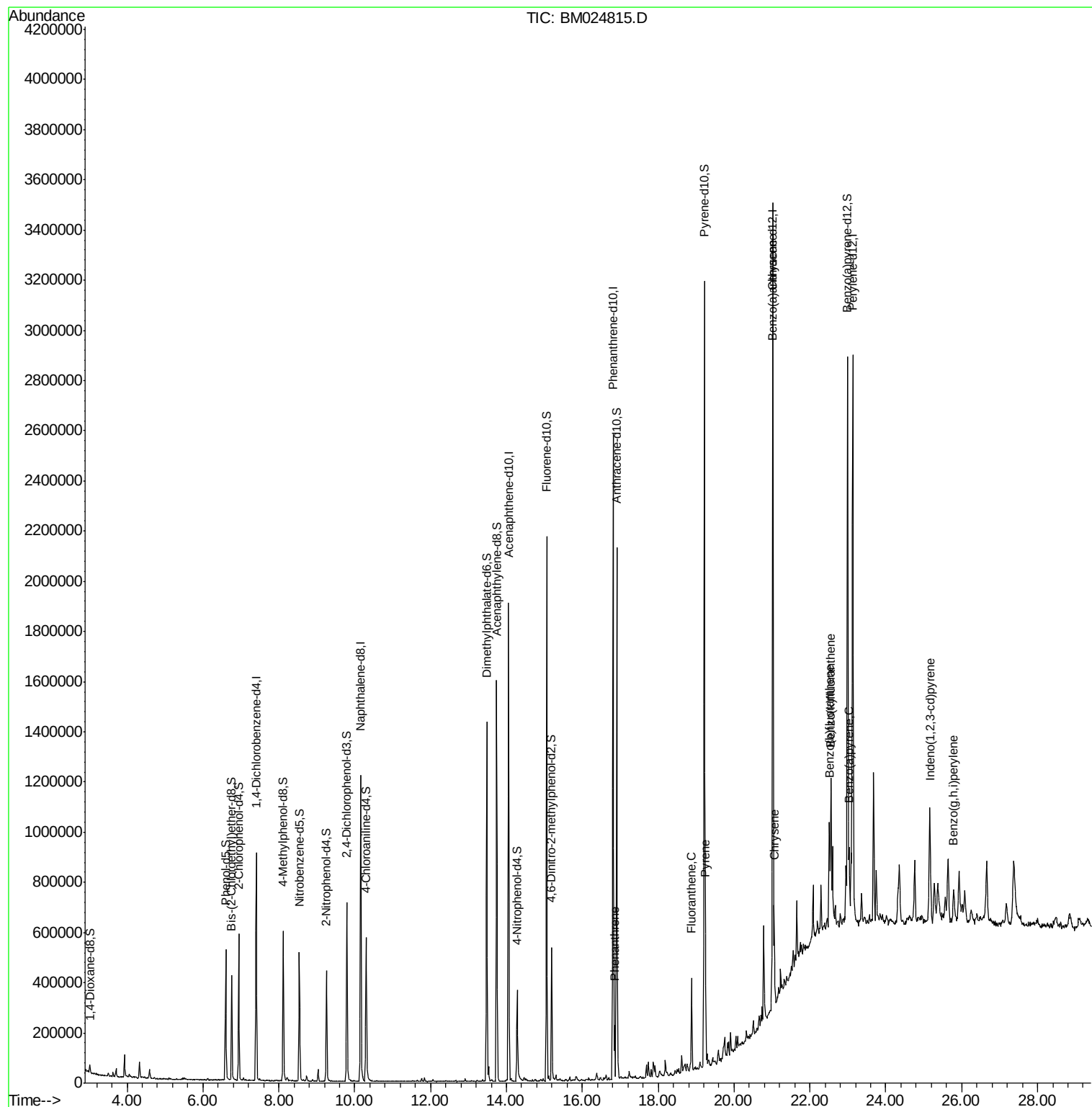
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024815.D
Acq On : 10 Feb 2020 19:17
Operator : CG/JU
Sample : L1402-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

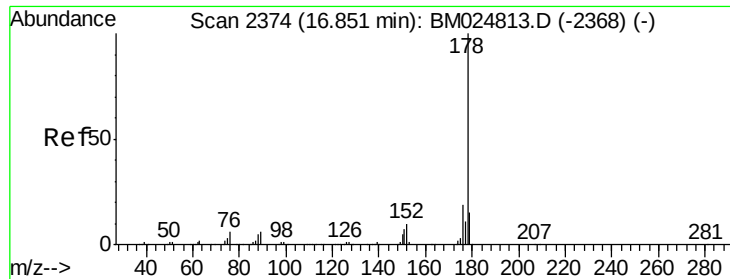
Instrument :
BNA_M
ClientSampleId :
CB6L6

Manual Integrations
APPROVED

mohammad
2/12/2020 9:50:31 AM

Quant Time: Feb 11 04:09:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





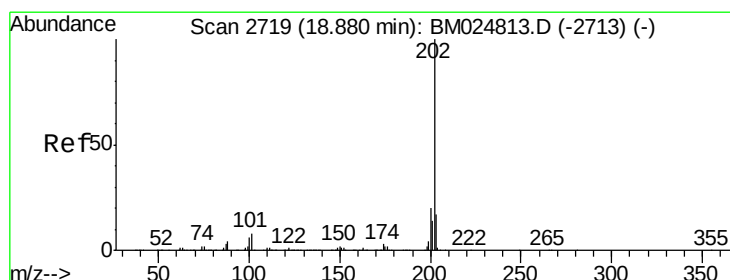
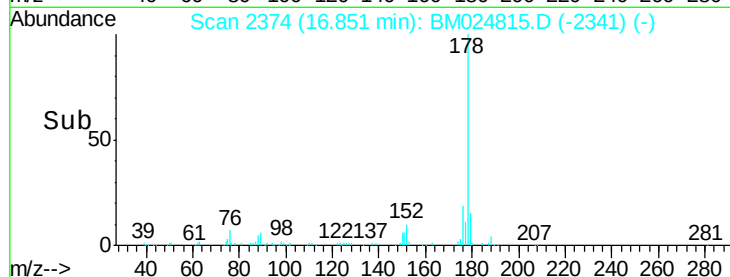
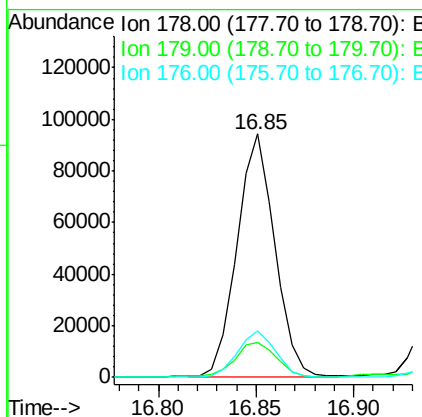
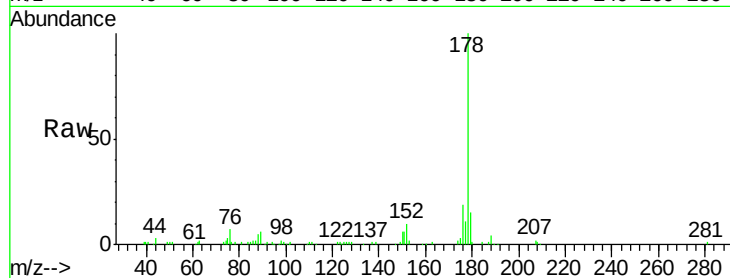
#70
Phenanthrene
Concen: 1.541 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024815.D
Acq: 10 Feb 2020 19:17

Instrument :
BNA_M
ClientSampleId :
CB6L6

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	19.0	14.5	21.7

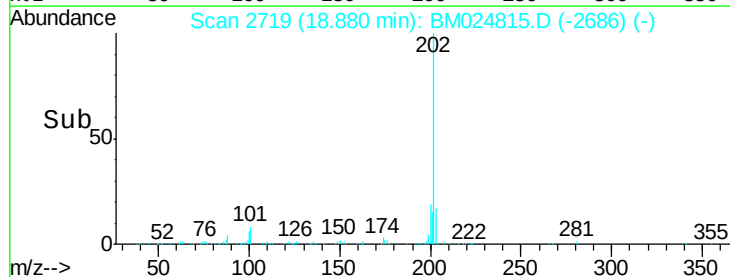
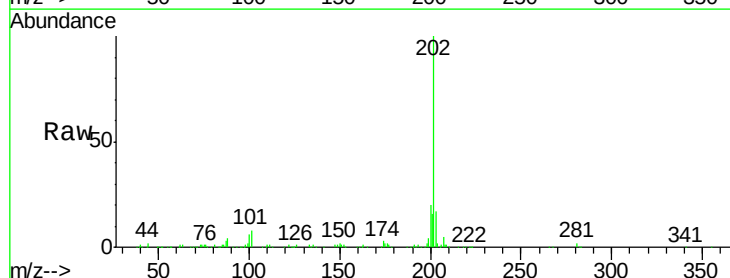
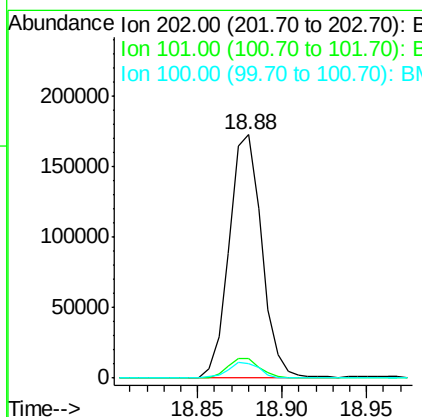
Manual Integrations
APPROVED

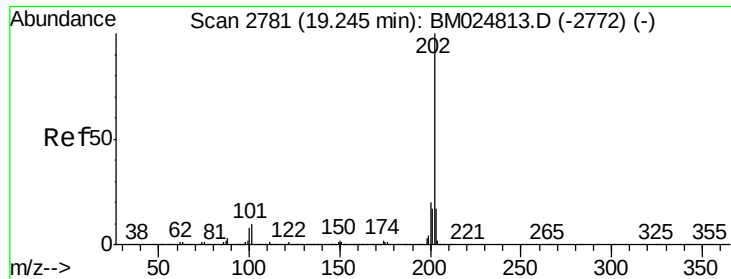
mohammad
2/12/2020 9:50:31 AM



#77
Fluoranthene
Concen: 2.288 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM024815.D
Acq: 10 Feb 2020 19:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.1	9.1
100	6.1	4.8	7.2





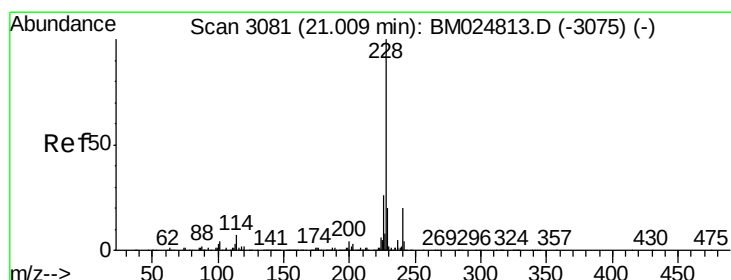
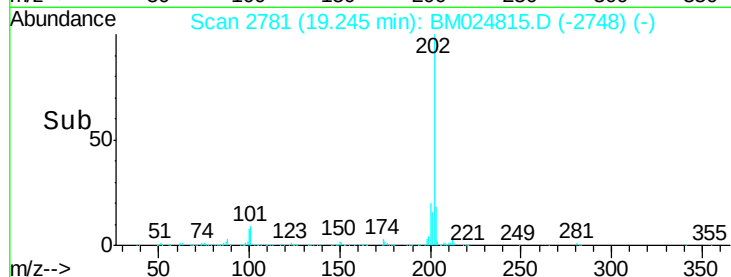
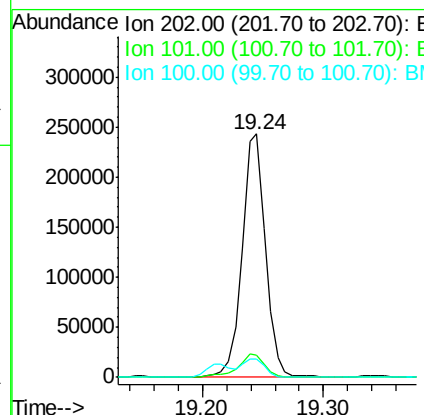
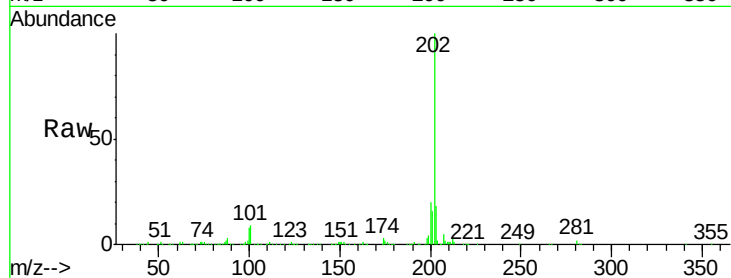
#80
 Pvrene
 Concen: 3.226 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024815.D
 Acq: 10 Feb 2020 19:17

Instrument :
 BNA_M
 ClientSampleId :
 CB6L6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	7.0	10.4
100	7.7	5.8	8.8

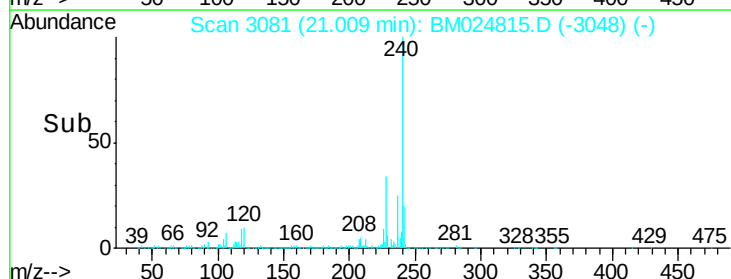
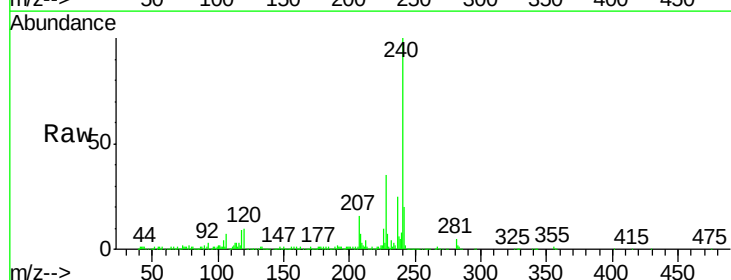
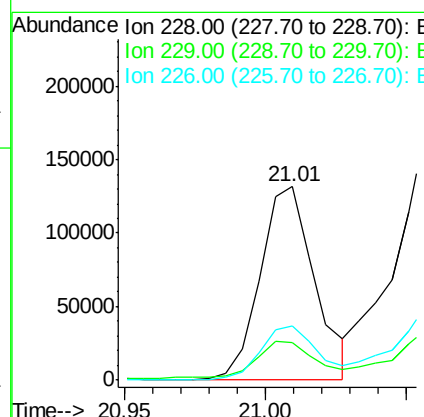
Manual Integrations
 APPROVED

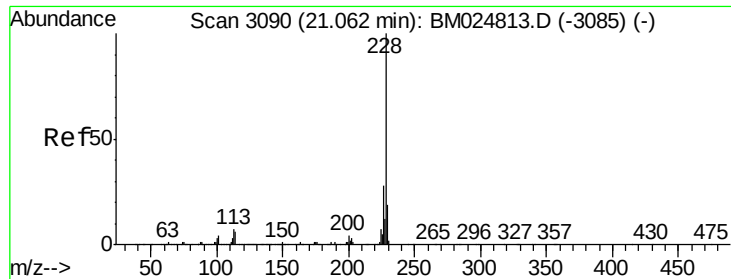
mohammad
 2/12/2020 9:50:31 AM



#83
 Benzo(a)anthracene
 Concen: 1.693 ng/ul
 RT: 21.01 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM024815.D
 Acq: 10 Feb 2020 19:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.6	15.9	23.9
226	28.2	20.8	31.2





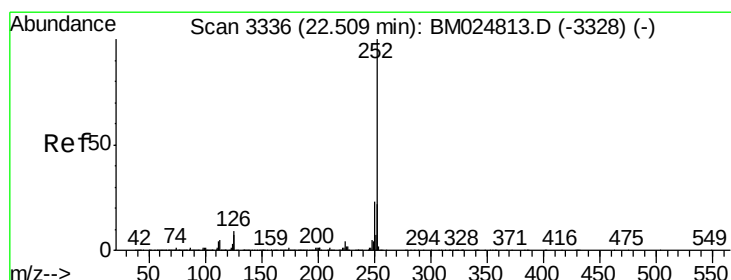
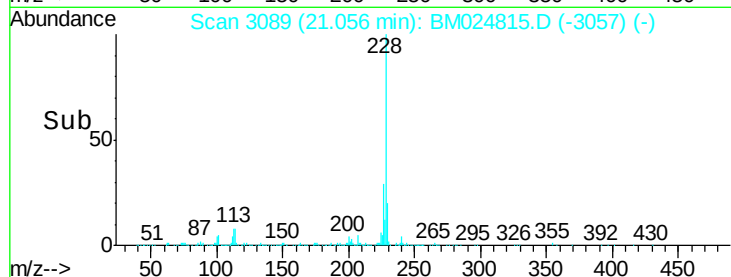
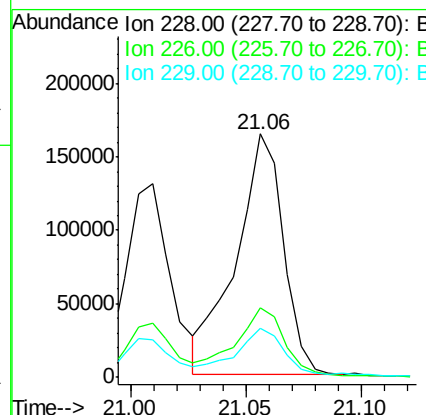
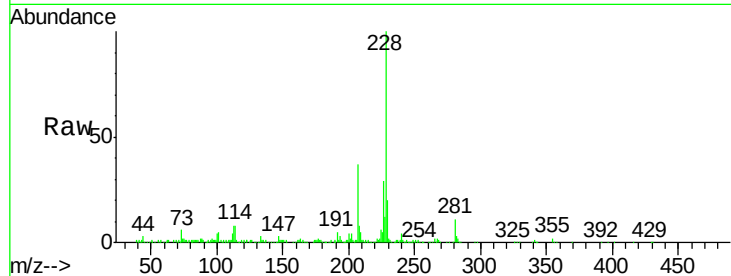
#85
Chrysene
Concen: 2.317 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024815.D
Acq: 10 Feb 2020 19:17

Instrument :
BNA_M
ClientSampled :
CB6L6

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	28.8	23.0	34.4
229	20.2	15.8	23.8

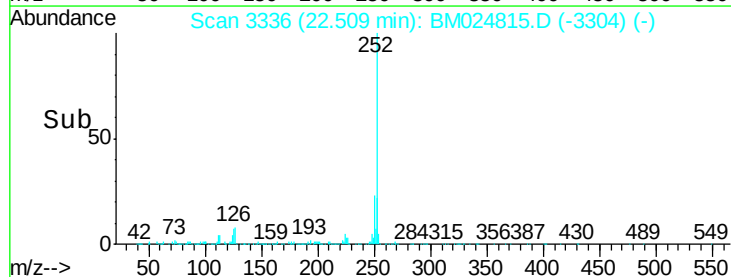
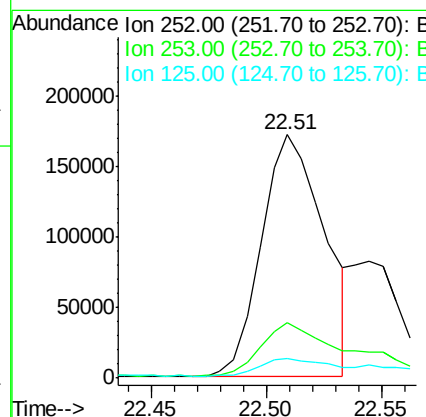
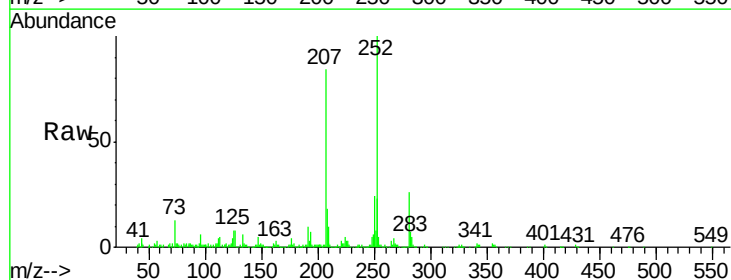
Manual Integrations
APPROVED

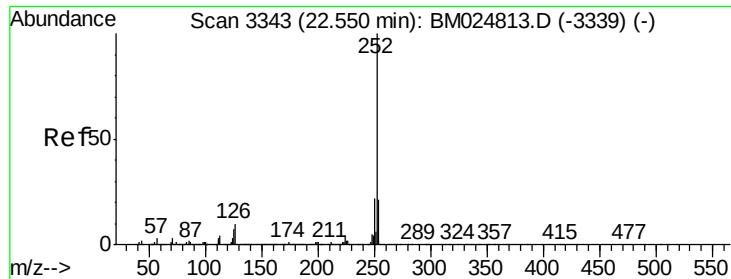
mohammad
2/12/2020 9:50:31 AM



#88
Benzo(b)fluoranthene
Concen: 3.192 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM024815.D
Acq: 10 Feb 2020 19:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.7	17.3	25.9
125	7.8	5.1	7.7#





#89

Benzo(k)fluoranthene

Concen: 1.239 ng/ul m

RT: 22.54 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BM024815.D

Acq: 10 Feb 2020 19:17

Instrument :

BNA_M

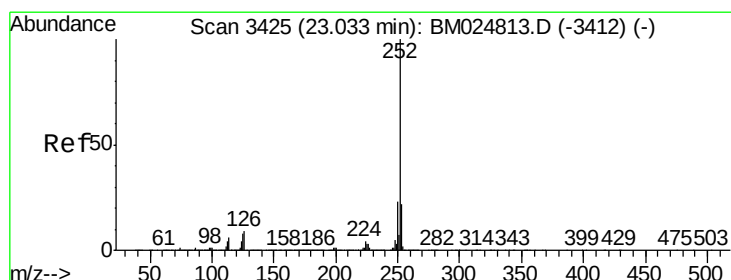
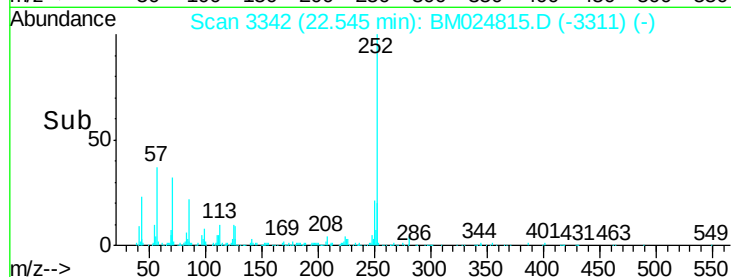
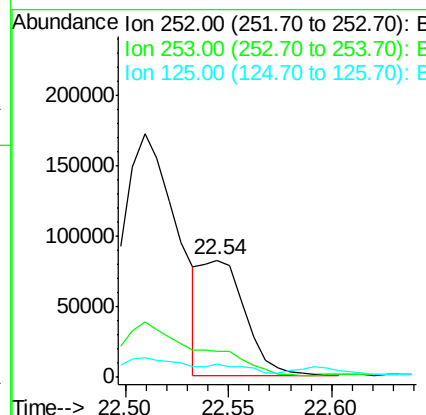
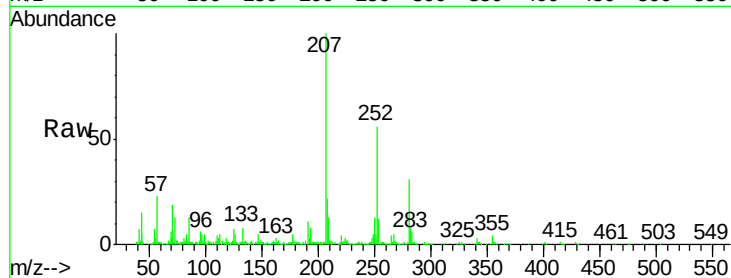
ClientSampled :

CB6L6

Tot Ion:	252	Resp:	121355
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	11.8	5.1	7.7#

Manual Integrations
APPROVED

mohammad
2/12/2020 9:50:31 AM



#91

Benzo(a)pyrene

Concen: 2.242 ng/ul

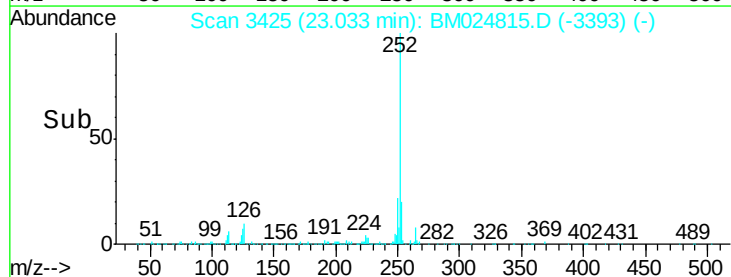
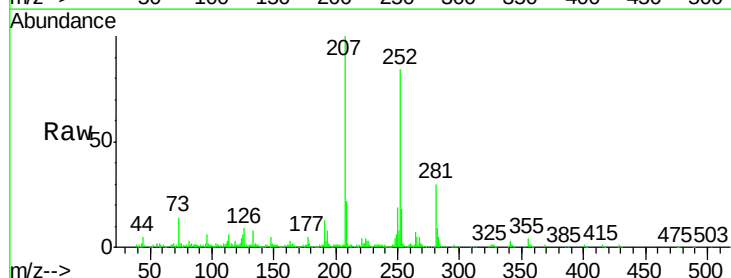
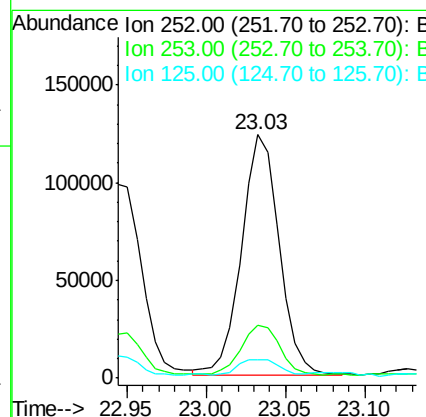
RT: 23.03 min Scan# 3425

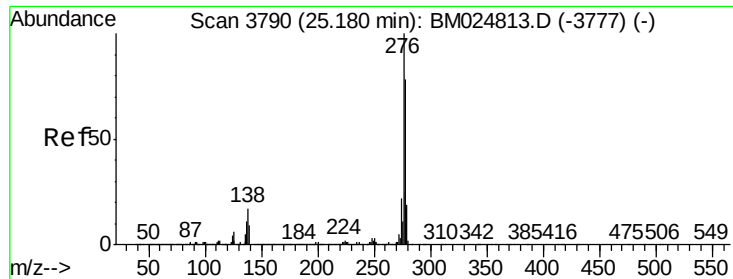
Delta R.T. -0.01 min

Lab File: BM024815.D

Acq: 10 Feb 2020 19:17

Tgt Ion:	252	Resp:	204580
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.5	26.3
125	7.6	5.6	8.4





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.264 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.02 min

Lab File: BM024815.D

Acq: 10 Feb 2020 19:17

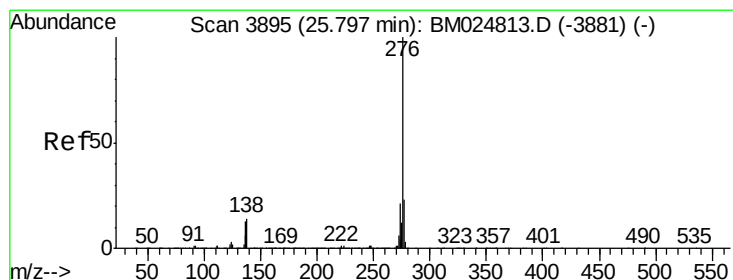
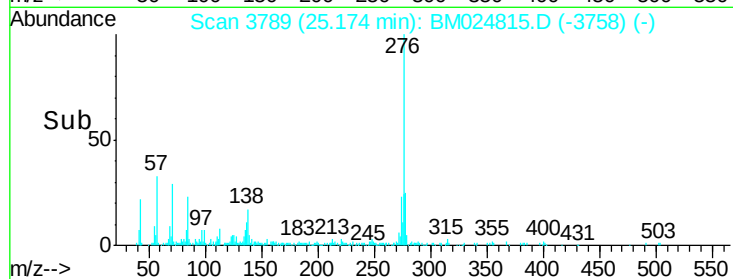
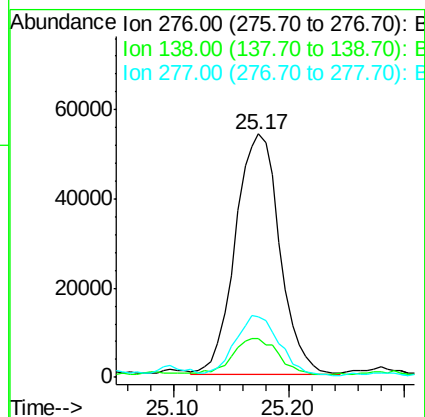
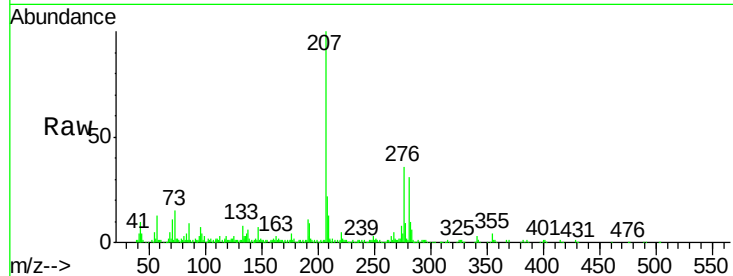
Instrument :
BNA_M

ClientSampleId :
CB6L6

Tot Ion:	276	Resp:	143607
Ion Ratio	Lower	Upper	
276	100		
138	16.1	12.8	19.2
277	24.6	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/12/2020 9:50:31 AM



#94

Benzo(g,h,i)perylene

Concen: 1.448 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM024815.D

Acq: 10 Feb 2020 19:17

Tgt Ion:	276	Resp:	136770
Ion Ratio	Lower	Upper	
276	100		
138	13.1	11.8	17.6
277	21.7	19.0	28.6

