

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009500.D
 Acq On : 31 Jan 2020 07:01
 Operator : CG/JU
 Sample : L1300-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AT0

Manual Integrations
 APPROVED

mohammad
 2/3/2020 4:08:22 PM

Quant Time: Jan 31 08:15:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 00:47:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	169202	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	718957	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	455019	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.84	188	946047	20.00	ng/ul	-0.01
77) Chrysene-d12	21.05	240	834199	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	894464	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	8237	2.01	ng/uL	0.00
5) Phenol-d5	6.65	99	154105	10.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	115708	10.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	123630	11.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	107173	8.97	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	61262	11.71	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	66037	12.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	117449	10.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	131409	10.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	411079	12.21	ng/ul	-0.01
46) Acenaphthylene-d8	13.77	160	473379	11.84	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	48618	7.76	ng/ul	0.00
57) Fluorene-d10	15.09	176	359937	12.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	46376	8.10	ng/ul	0.00
70) Anthracene-d10	16.94	188	530670	12.12	ng/ul	0.00
78) Pyrene-d10	19.25	212	611798	13.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	595441	13.19	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	6.68	94	26165	1.665	ng/ul	93
44) Dimethylphthalate	13.56	163	98221	2.833	ng/ul#	96
69) Phenanthrene	16.88	178	315556	5.911	ng/ul	97
71) Anthracene	16.97	178	58601	1.078	ng/ul	95
76) Fluoranthene	18.91	202	655664	10.715	ng/ul	99
79) Pyrene	19.27	202	537670	8.902	ng/ul	97
82) Benzo(a)anthracene	21.03	228	274704	4.836	ng/ul	98
84) Chrysene	21.09	228	288769	5.218	ng/ul	97
87) Benzo(b)fluoranthene	22.54	252	345633	6.111	ng/ul	97
88) Benzo(k)fluoranthene	22.58	252	119974m	2.157	ng/ul	
90) Benzo(a)pyrene	23.07	252	224100	4.414	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	140429	2.283	ng/ul#	94
93) Benzo(g,h,i)perylene	25.84	276	129511	2.531	ng/ul	97

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

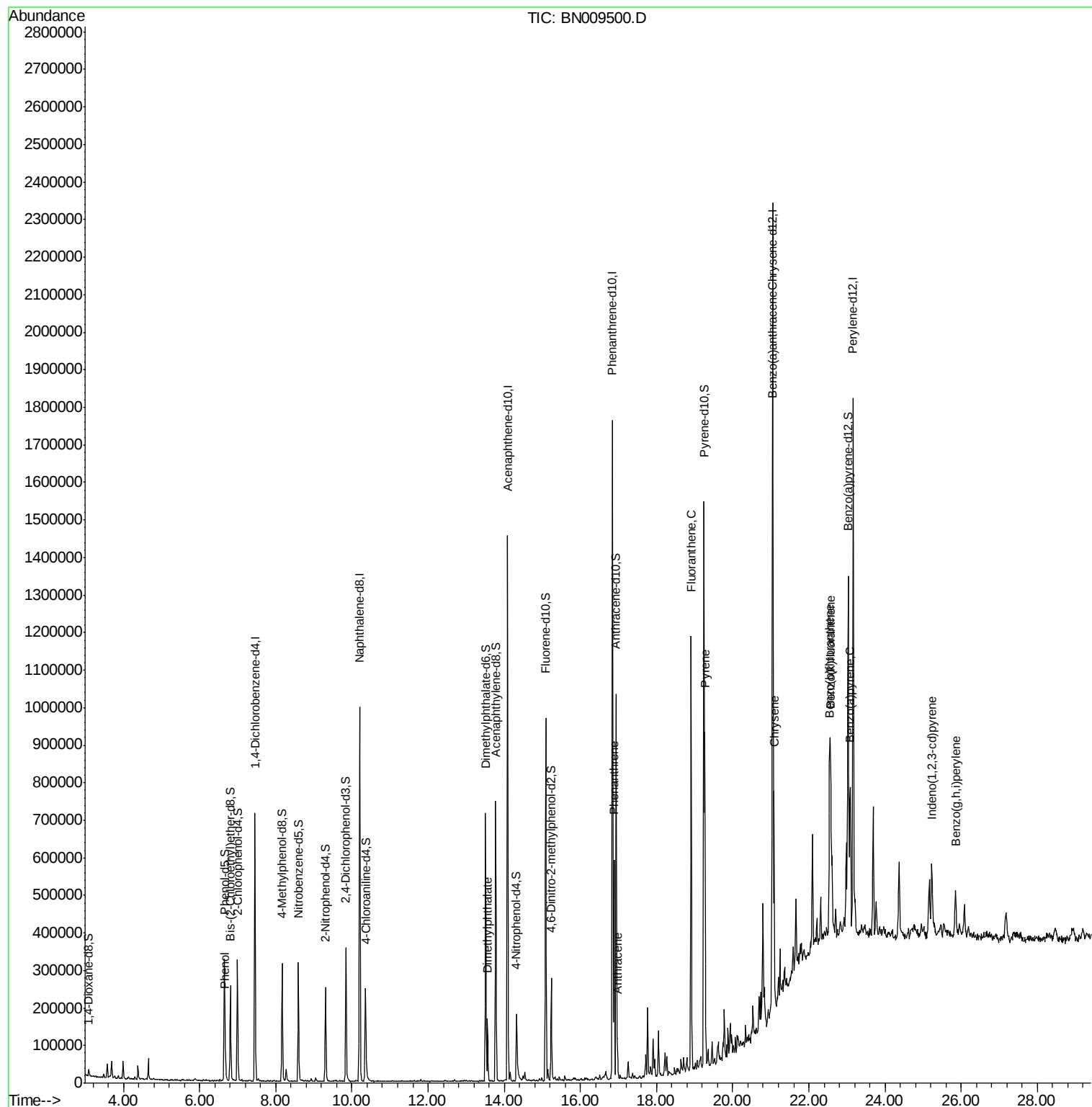
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009500.D
Acq On : 31 Jan 2020 07:01
Operator : CG/JU
Sample : L1300-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

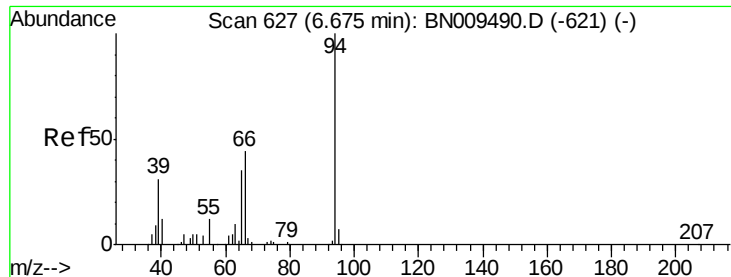
Instrument :
BNA_N
ClientSampleId :
C5AT0

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:22 PM

Quant Time: Jan 31 08:15:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 00:47:12 2020
Response via : Initial Calibration





#6

Phenol

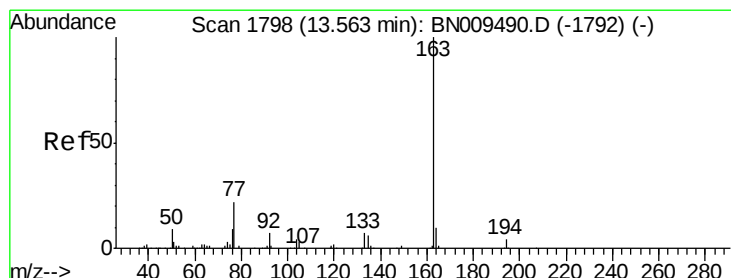
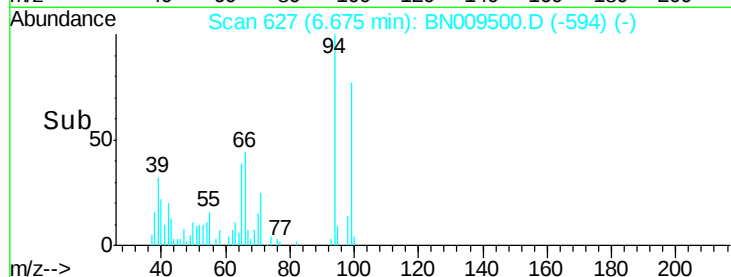
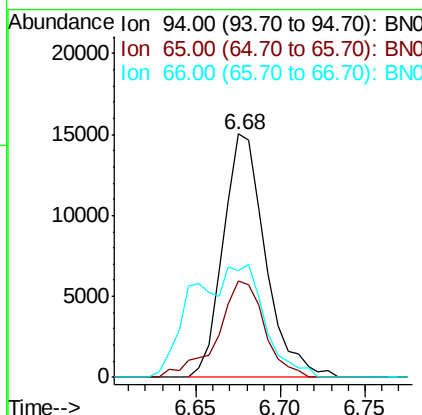
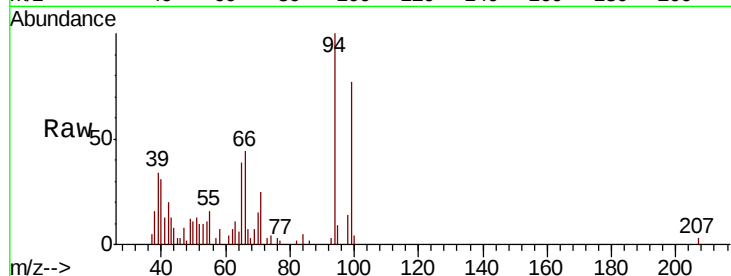
Concen: 1.665 ng/ul
 RT: 6.68 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BN009500.D
 Acq: 31 Jan 2020 07:01

Instrument :
 BNA_N
 ClientSampleId :
 C5AT0

Tot Ion	Ratio	Lower	Upper
94	100		
65	39.3	29.4	44.0
66	43.7	39.8	59.8

Manual Integrations
 APPROVED

mohammad
 2/3/2020 4:08:22 PM

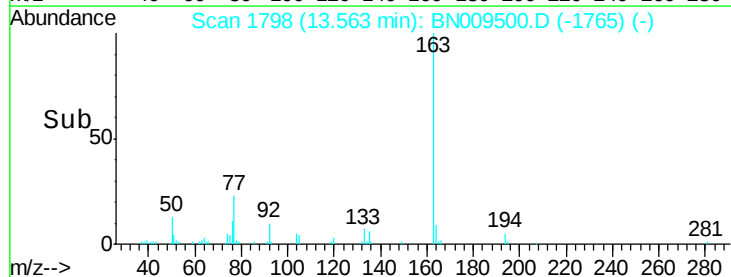
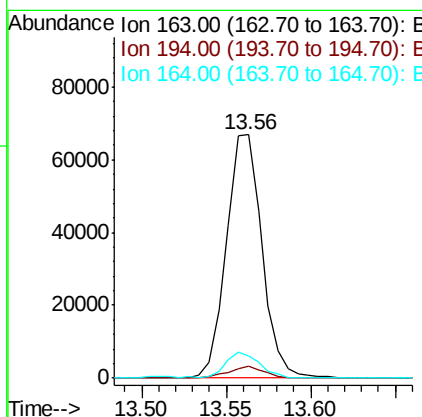
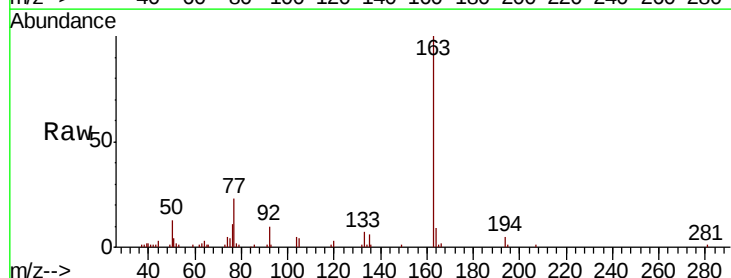


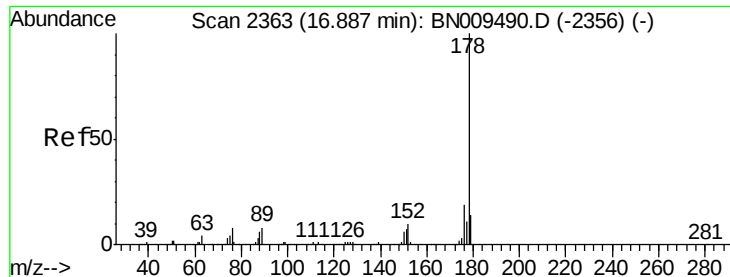
#44

Dimethylphthalate

Concen: 2.833 ng/ul
 RT: 13.56 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BN009500.D
 Acq: 31 Jan 2020 07:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.1	4.7#
164	9.0	8.3	12.5





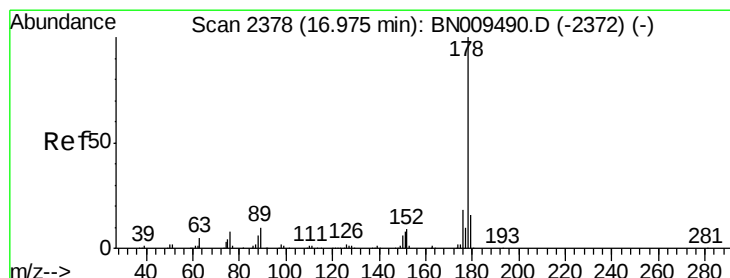
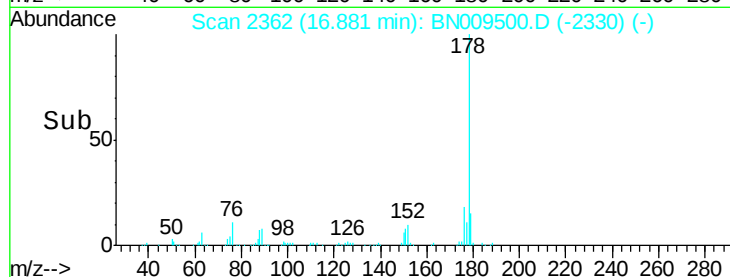
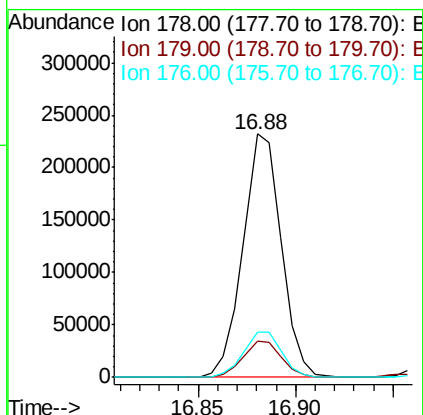
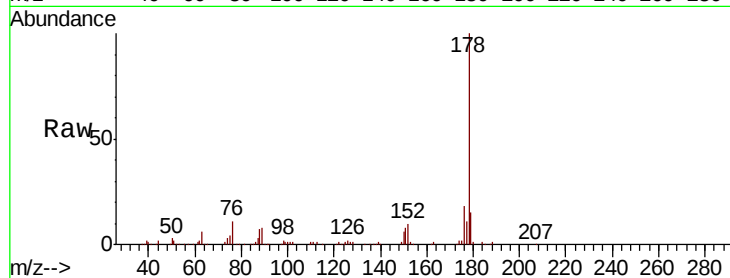
#69
Phenanthrene
Concen: 5.911 ng/ul
RT: 16.88 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BN009500.D
Acq: 31 Jan 2020 07:01

Instrument :
BNA_N
ClientSampleId :
C5AT0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.3	19.9
176	18.4	15.5	23.3

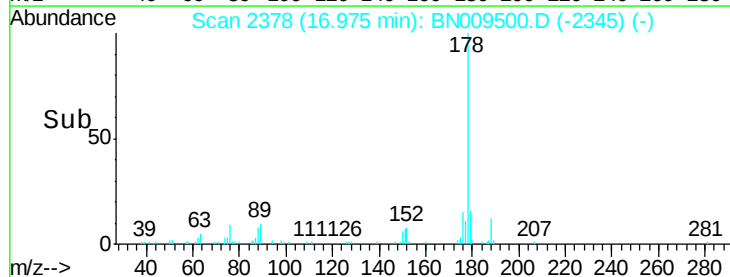
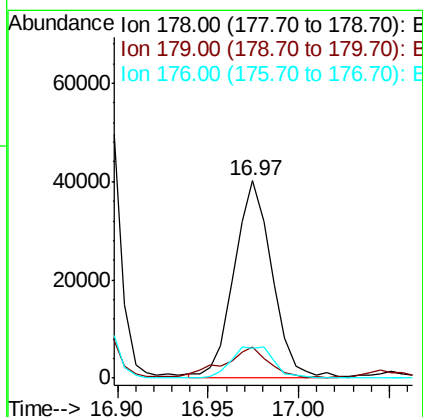
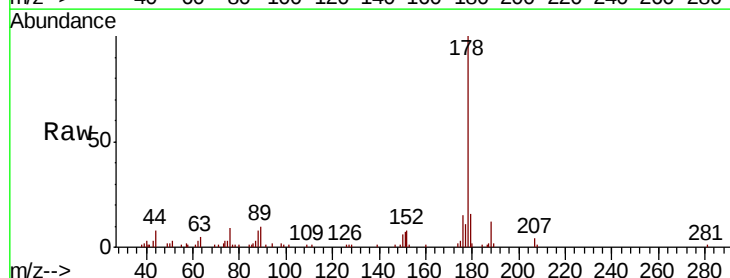
Manual Integrations
APPROVED

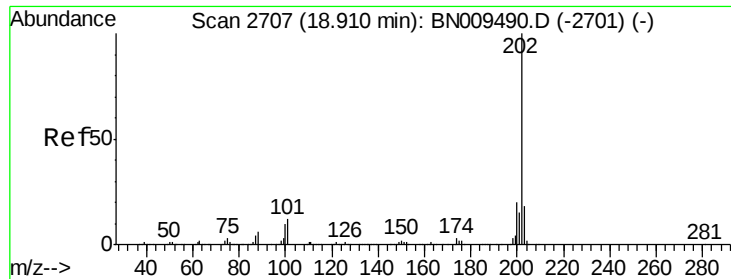
mohammad
2/3/2020 4:08:22 PM



#71
Anthracene
Concen: 1.078 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN009500.D
Acq: 31 Jan 2020 07:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.6
176	15.2	14.6	22.0





#76

Fluoranthene

Concen: 10.715 ng/ul

RT: 18.91 min Scan# 2707

Delta R.T. -0.01 min

Lab File: BN009500.D

Acq: 31 Jan 2020 07:01

Instrument :

BNA_N

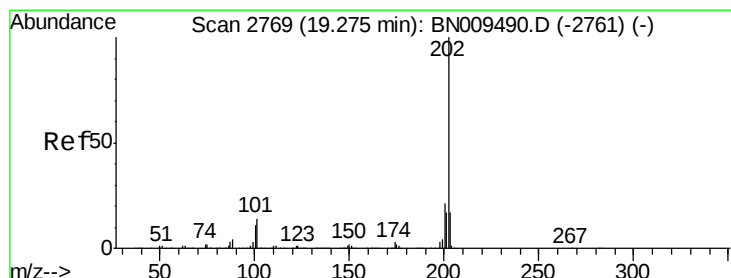
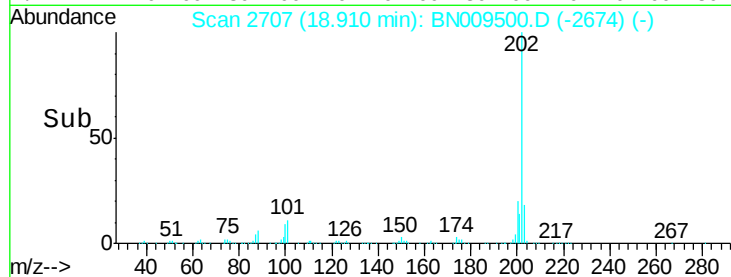
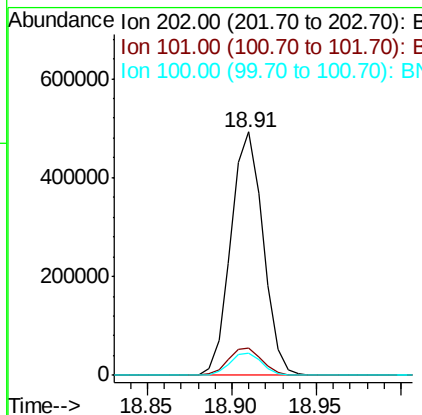
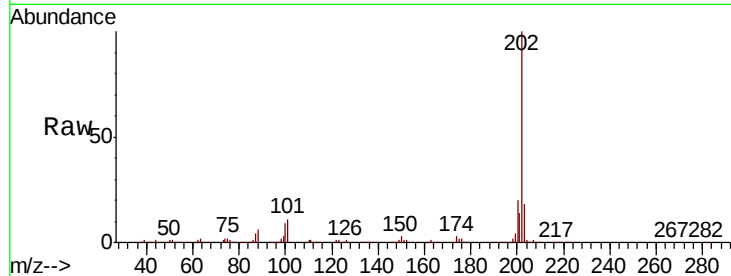
ClientSampleId :

C5AT0

Tot Ion:	202	Resp:	655664
Ion Ratio	Lower	Upper	
202	100		
101	11.4	9.7	14.5
100	9.1	7.1	10.7

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:22 PM



#79

Pyrene

Concen: 8.902 ng/ul

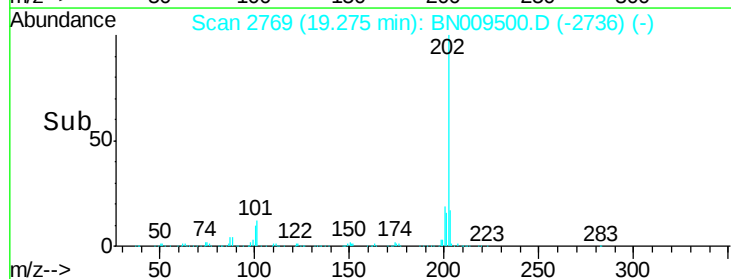
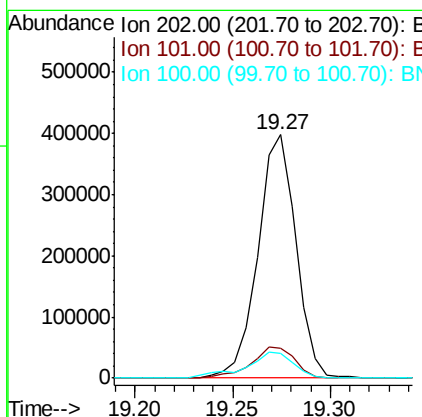
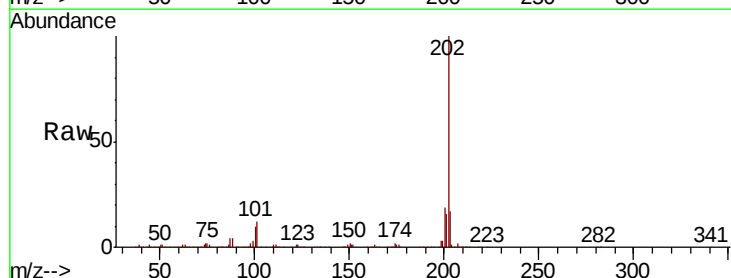
RT: 19.27 min Scan# 2769

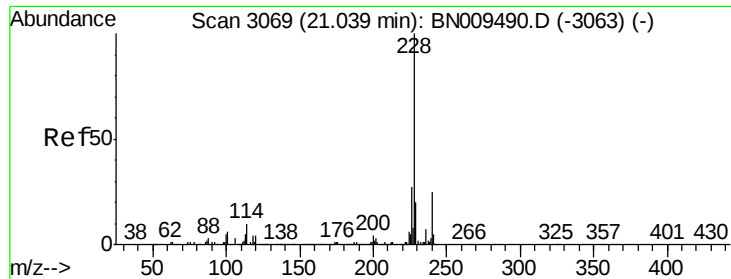
Delta R.T. -0.01 min

Lab File: BN009500.D

Acq: 31 Jan 2020 07:01

Tgt Ion:	202	Resp:	537670
Ion Ratio	Lower	Upper	
202	100		
101	12.1	10.9	16.3
100	10.0	8.6	12.8





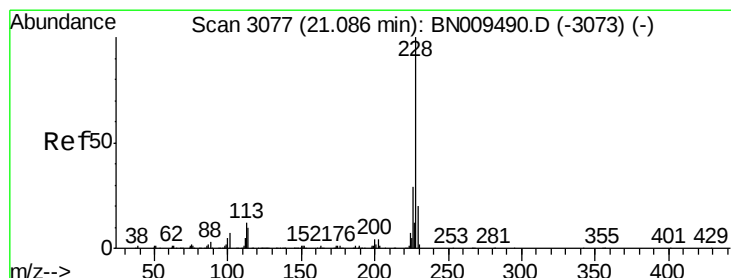
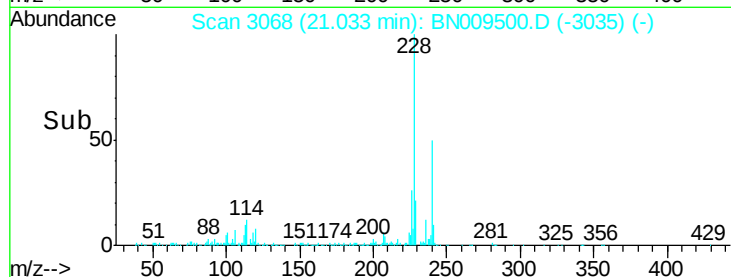
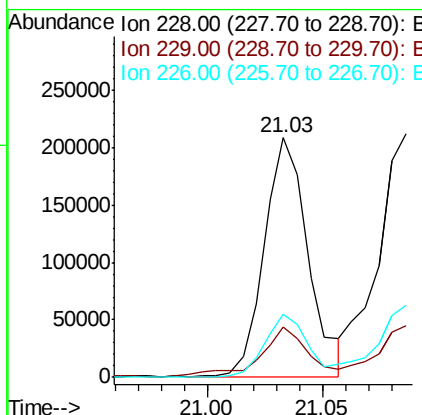
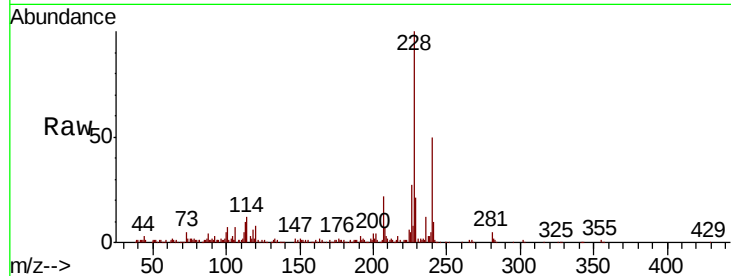
#82
Benzo(a)anthracene
Concen: 4.836 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN009500.D
Acq: 31 Jan 2020 07:01

Instrument :
BNA_N
ClientSampleId :
C5AT0

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.9	23.9
226	26.6	20.9	31.3

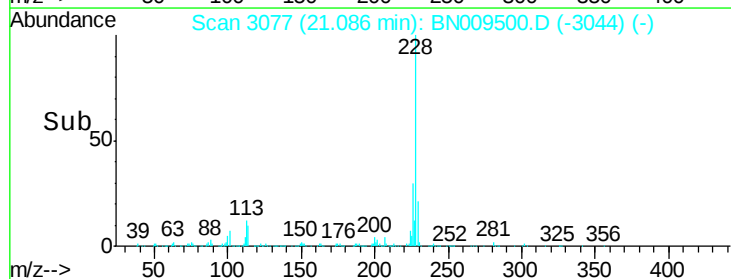
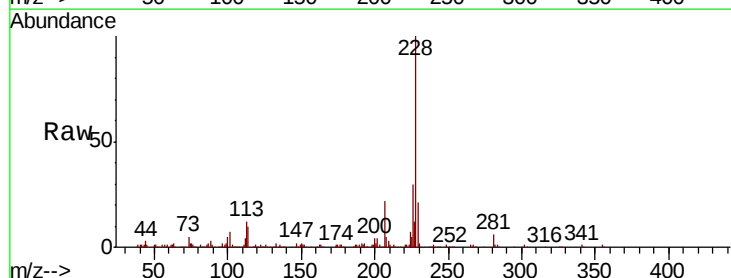
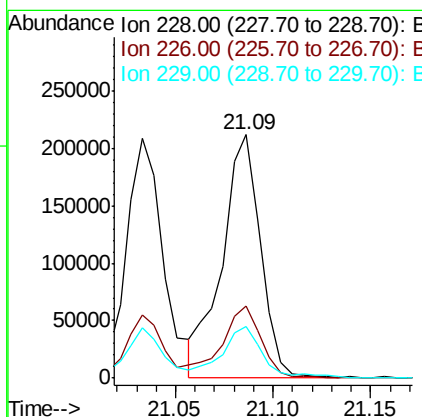
Manual Integrations
APPROVED

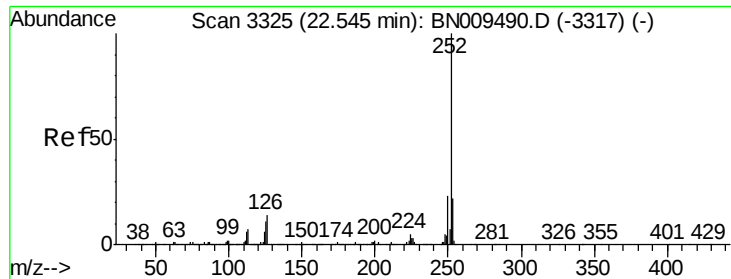
mohammad
2/3/2020 4:08:22 PM



#84
Chrysene
Concen: 5.218 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BN009500.D
Acq: 31 Jan 2020 07:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.9	34.3
229	21.2	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 6.111 ng/ul

RT: 22.54 min Scan# 3325

Delta R.T. -0.01 min

Lab File: BN009500.D

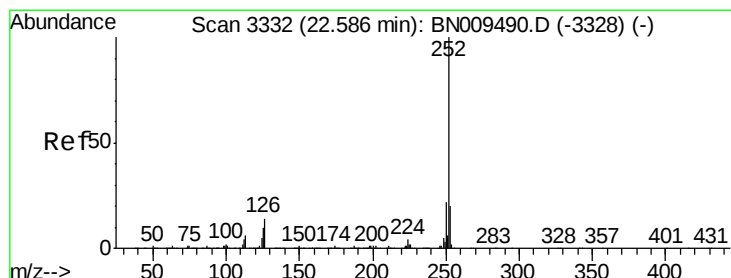
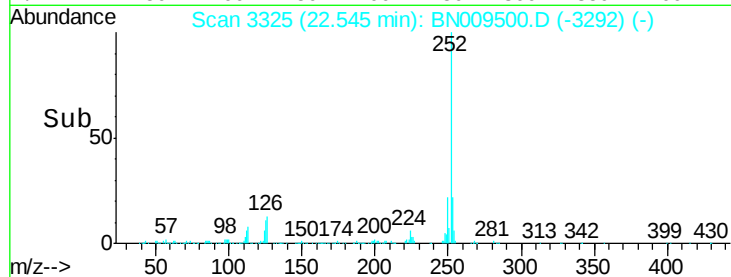
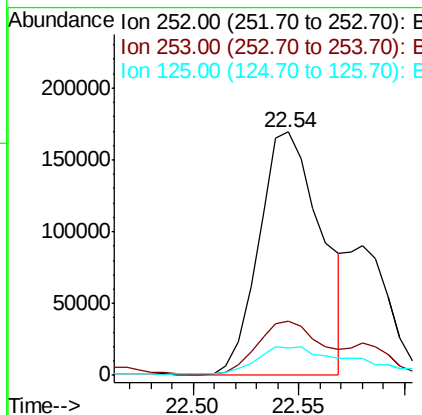
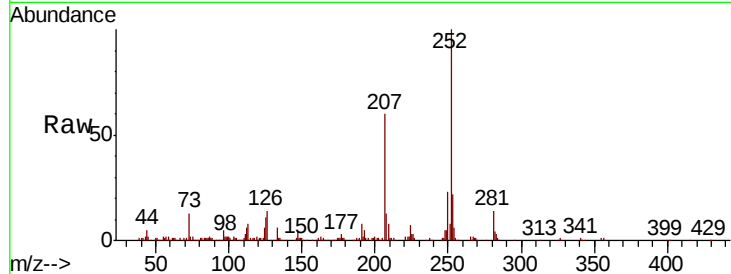
Acq: 31 Jan 2020 07:01

Instrument :
BNA_N
ClientSampled :
C5AT0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.5	24.7
125	11.2	8.2	12.2

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:22 PM



#88

Benzo(k)fluoranthene

Concen: 2.157 ng/ul m

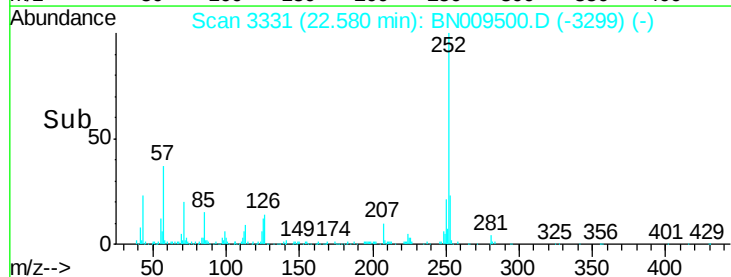
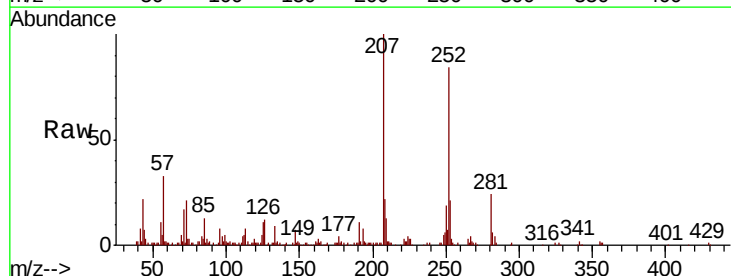
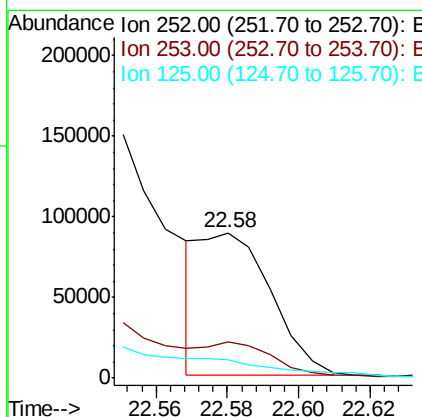
RT: 22.58 min Scan# 3331

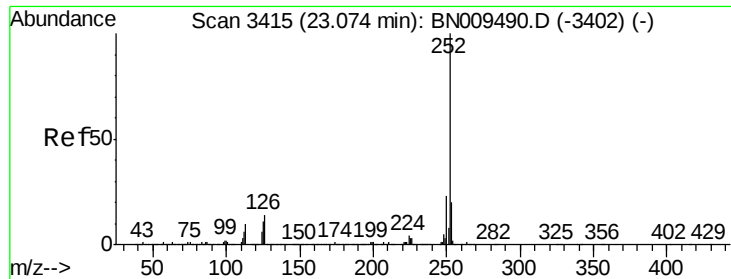
Delta R.T. -0.01 min

Lab File: BN009500.D

Acq: 31 Jan 2020 07:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.4
125	12.7	7.8	11.8#





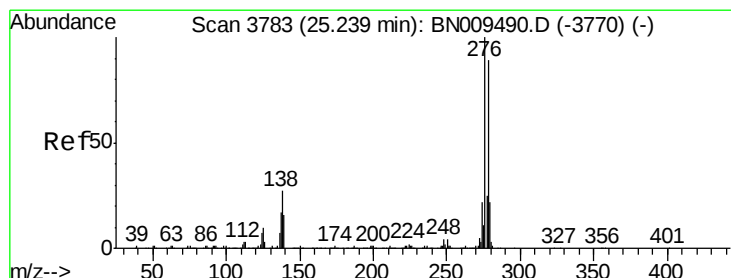
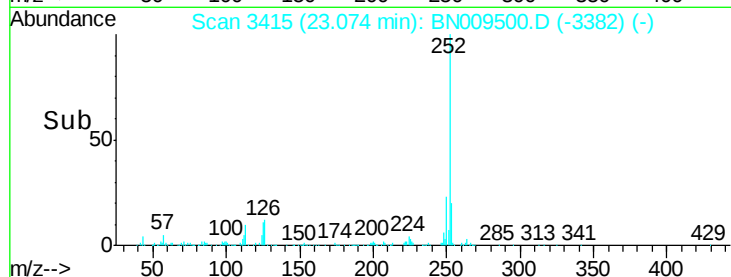
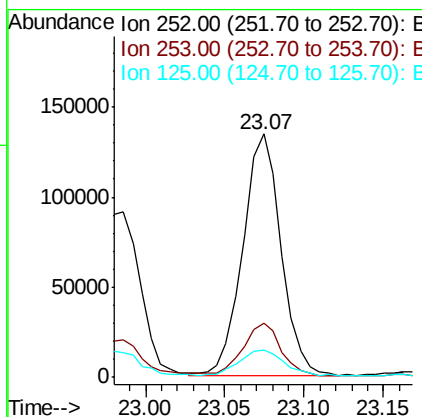
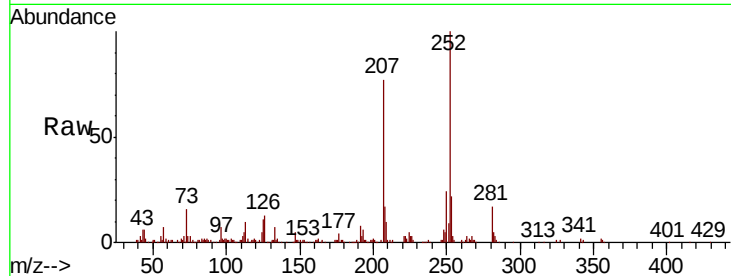
#90
Benzo(a)pyrene
Concen: 4.414 ng/ul
RT: 23.07 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BN009500.D
Acq: 31 Jan 2020 07:01

Instrument :
BNA_N
ClientSampleId :
C5AT0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.2	9.8	14.6

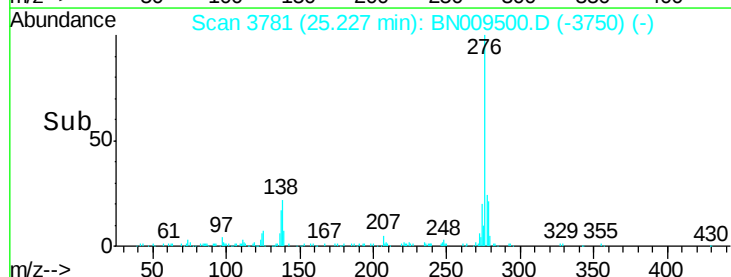
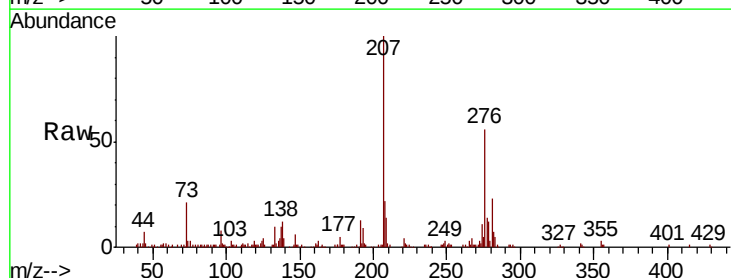
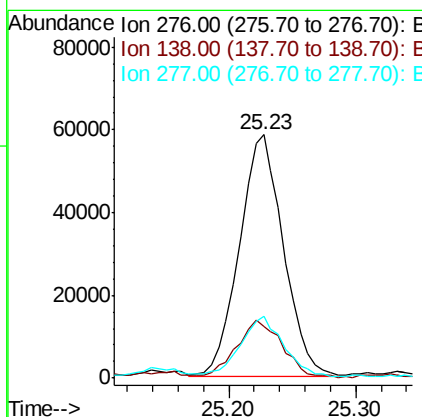
Manual Integrations
APPROVED

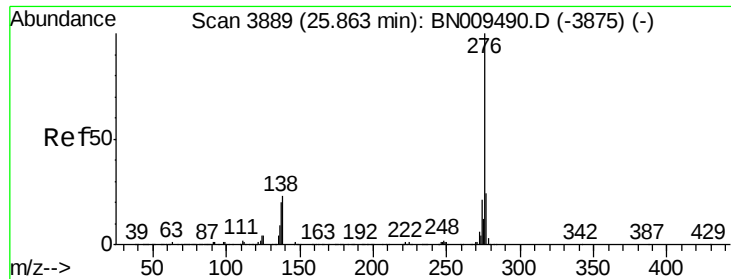
mohammad
2/3/2020 4:08:22 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.283 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. -0.02 min
Lab File: BN009500.D
Acq: 31 Jan 2020 07:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	21.4	32.0#
277	25.3	20.4	30.6





#93

Benzo(a,h,i)perylene

Concen: 2.531 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. -0.03 min

Lab File: BN009500.D

Acq: 31 Jan 2020 07:01

Instrument :

BNA_N

ClientSampleId :

C5AT0

Tot Ion:	276	Resp:	129511
Ion Ratio	Lower	Upper	
276	100		
138	23.2	16.6	24.8
277	22.7	18.7	28.1

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:22 PM

