

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014396.D
 Acq On : 24 Apr 2021 10:58
 Operator : CG/JU
 Sample : M2065-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG568

Manual Integrations
 APPROVED

mohammad
 4/26/2021 11:41:08 AM

Quant Time: Apr 26 02:14:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 23 12:06:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	140527	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	592184	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	340837	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	702258	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	708917	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	719739	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	6718	1.82	ng/uL	0.00
4) Pyridine-d5	3.62	84	23369m	2.39	ng/ul	0.01
7) Phenol-d5	6.85	99	150801	12.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	101358	14.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	130207	14.09	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	109565	12.30	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	66497	15.54	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	54606	13.03	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	112226	12.43	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	130373	9.73	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	374885	15.18	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	501584	16.89	ng/ul	0.00
54) 4-Nitrophenol-d4	14.51	143	35870	7.49	ng/ul	0.00
60) Fluorene-d10	15.32	176	351319	16.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	17536	4.67	ng/ul	0.00
73) Anthracene-d10	17.16	188	551126	16.81	ng/ul	0.00
81) Pyrene-d10	19.46	212	623854	18.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	635286	16.64	ng/ul	0.00

Target Compounds

					Ovalue
47) Dimethylphthalate	13.77	163	52024	2.030 ng/ul	98
72) Phenanthrene	17.11	178	44647	1.089 ng/ul	95
74) Anthracene	17.20	178	101997	2.449 ng/ul	98
80) Fluoranthene	19.13	202	116566	2.681 ng/ul	99
82) Pyrene	19.49	202	136719	2.953 ng/ul	99
85) Benzo(a)anthracene	21.25	228	66402m	1.450 ng/ul	
87) Chrysene	21.30	228	77559	1.747 ng/ul	95
90) Benzo(b)fluoranthene	22.82	252	58851	1.222 ng/ul#	78
93) Benzo(a)pyrene	23.39	252	50481	1.185 ng/ul#	88

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

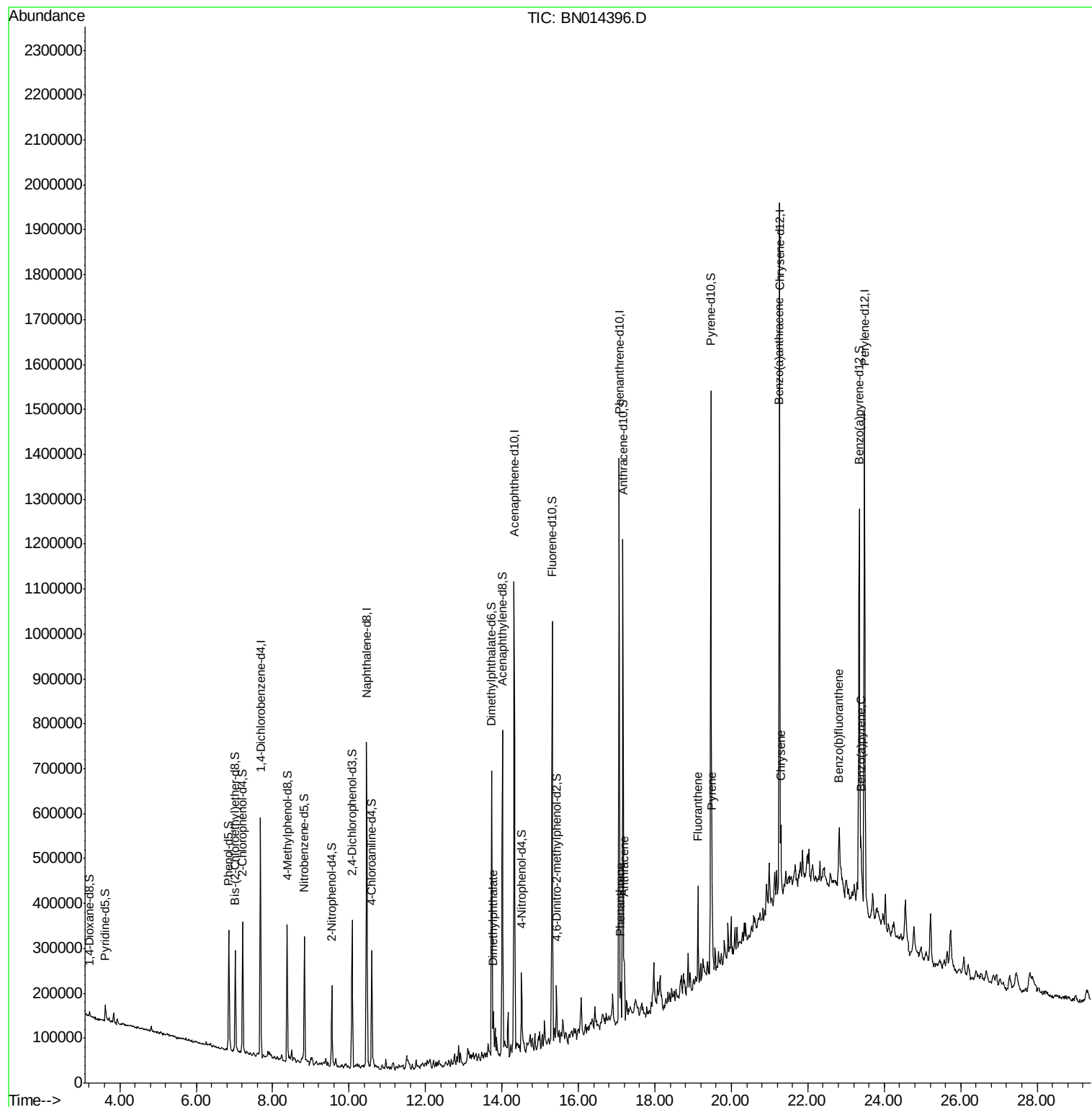
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014396.D
Acq On : 24 Apr 2021 10:58
Operator : CG/JU
Sample : M2065-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

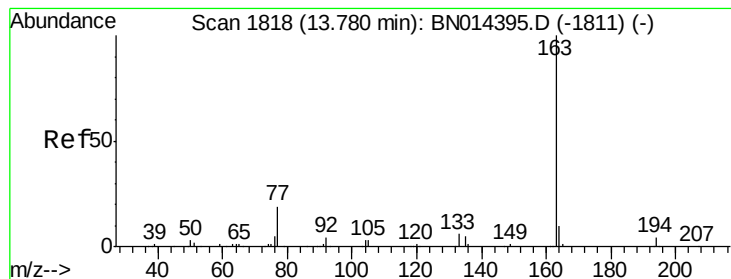
Instrument :
BNA_N
ClientSampleId :
BG568

Manual Integrations
APPROVED

mohammad
4/26/2021 11:41:08 AM

Quant Time: Apr 26 02:14:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration





#47

Dimethylphthalate

Concen: 2.030 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

Instrument :

BNA_N

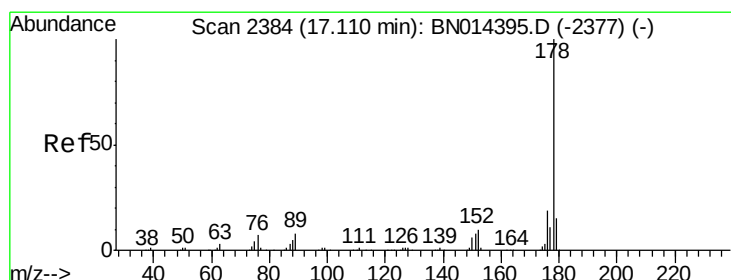
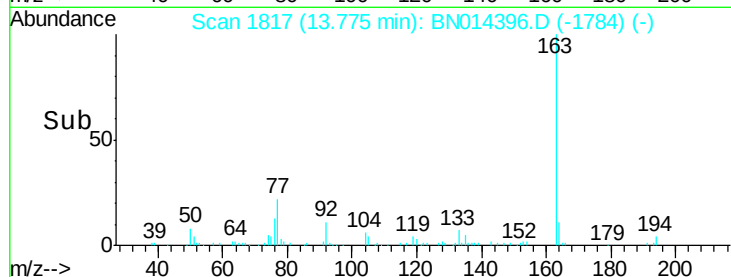
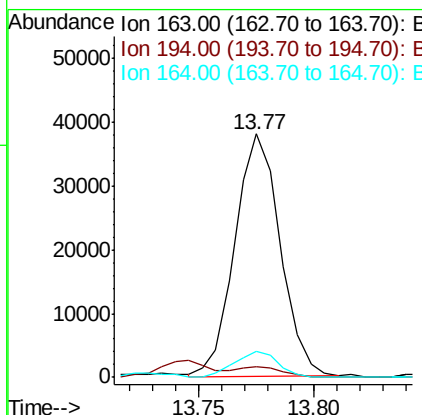
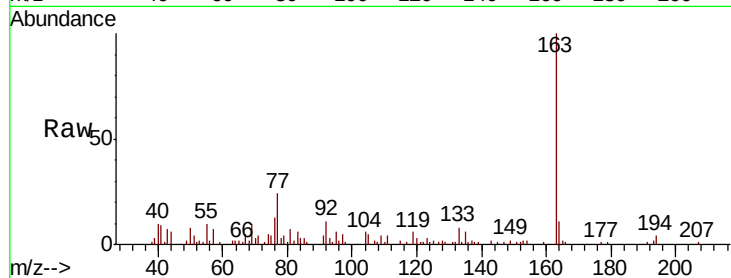
ClientSampled :

BG568

Tot Ion:	163	Resp:	52024
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.3	4.9
164	10.9	7.8	11.8

Manual Integrations
APPROVED

mohammad
4/26/2021 11:41:08 AM



#72

Phenanthrene

Concen: 1.089 ng/ul

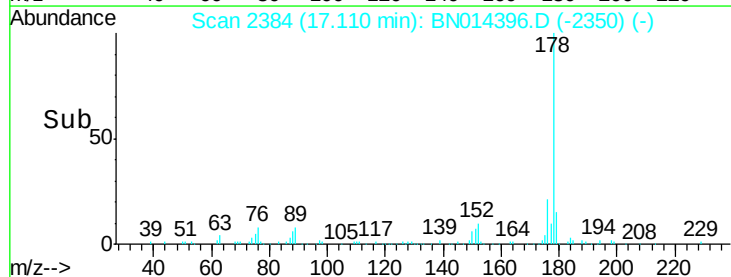
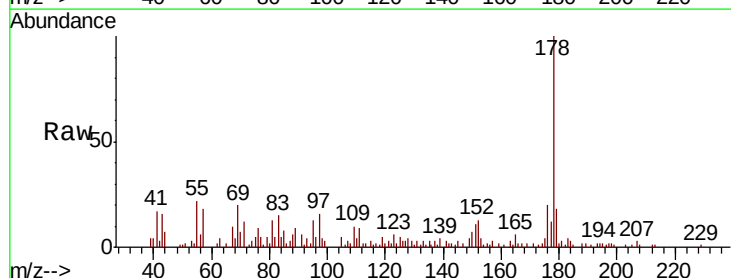
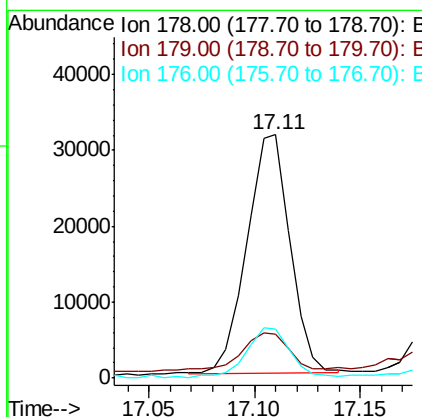
RT: 17.11 min Scan# 2384

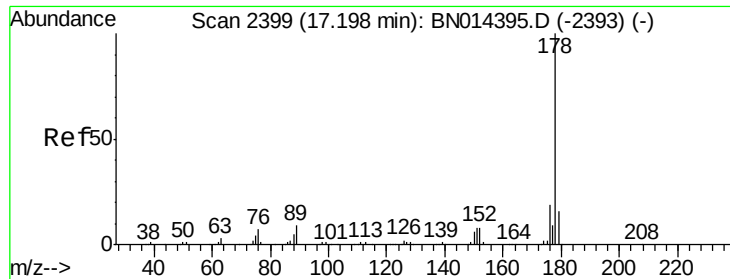
Delta R.T. 0.00 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

Tgt Ion:	178	Resp:	44647
Ion Ratio	Lower	Upper	
178	100		
179	18.1	12.2	18.4
176	20.2	15.0	22.4





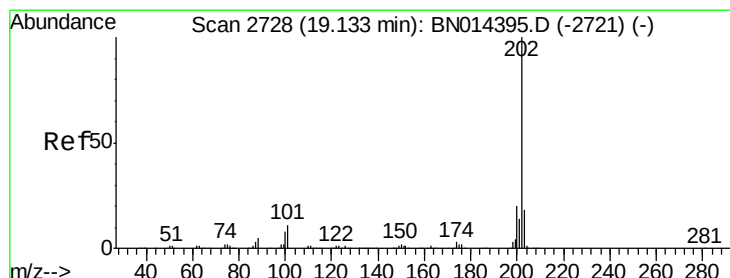
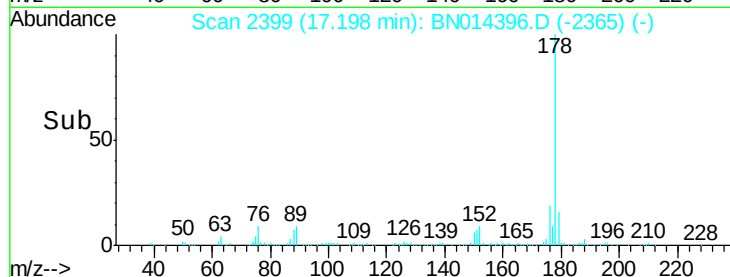
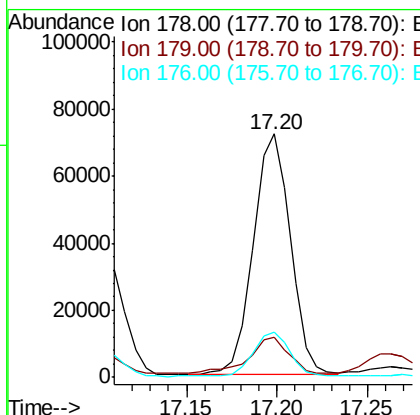
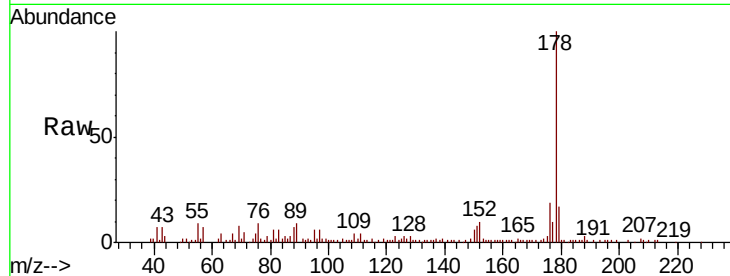
#74
 Anthracene
 Concen: 2.449 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. 0.00 min
 Lab File: BN014396.D
 Acq: 24 Apr 2021 10:58

Instrument :
 BNA_N
 ClientSampled :
 BG568

Tot Ion:	178	Resp:	101997
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.3	18.5
176	18.7	15.1	22.7

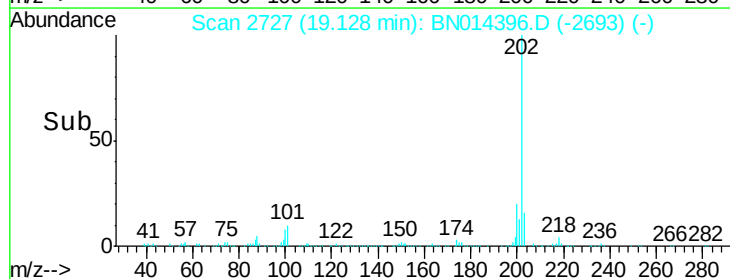
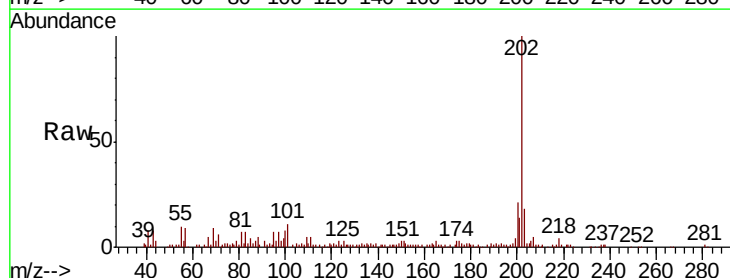
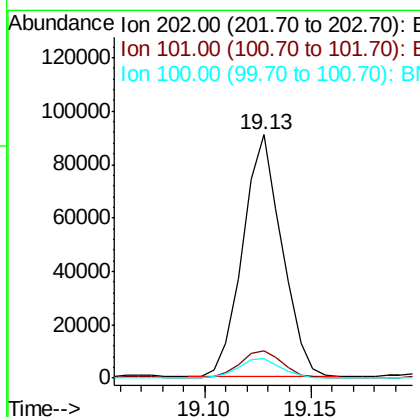
Manual Integrations
 APPROVED

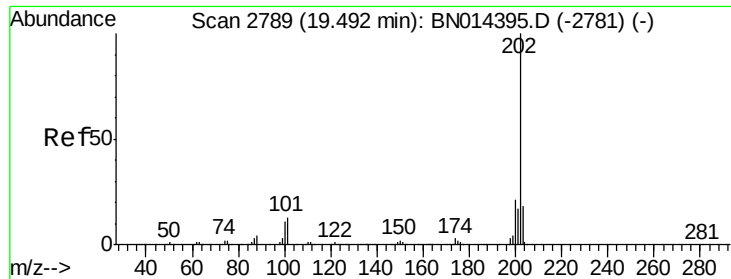
mohammad
 4/26/2021 11:41:08 AM



#80
 Fluoranthene
 Concen: 2.681 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. 0.00 min
 Lab File: BN014396.D
 Acq: 24 Apr 2021 10:58

Tgt Ion:	202	Resp:	116566
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.0	13.6
100	8.0	7.0	10.4





#82

Pvrene

Concen: 2.953 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

Instrument :

BNA_N

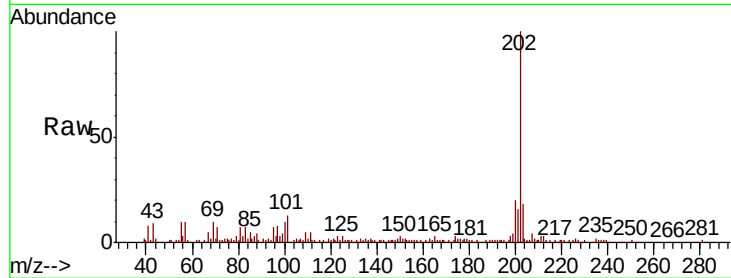
ClientSampled :

BG568

Tot Ion:	202	Resp:	136719
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.5	15.7
100	10.3	8.7	13.1

Manual Integrations
APPROVED

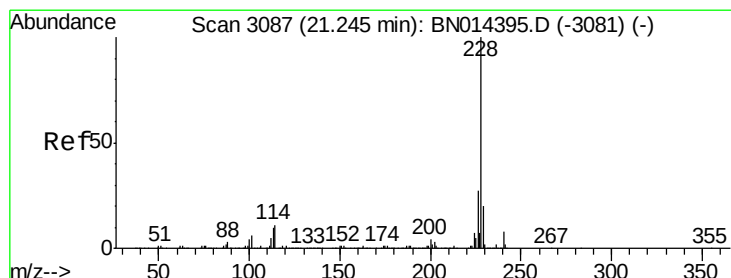
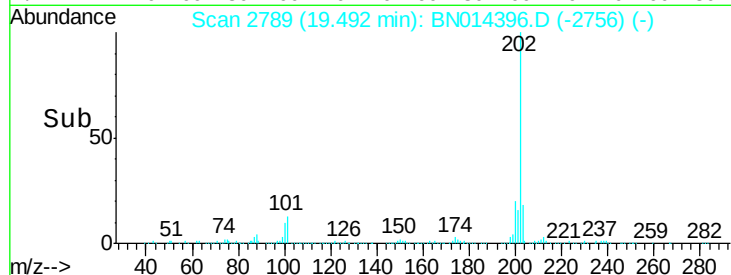
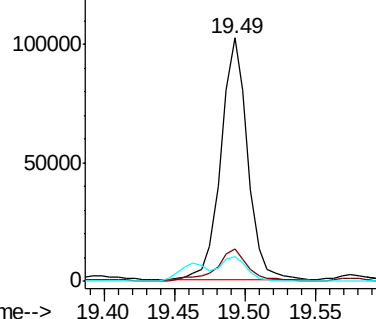
mohammad
4/26/2021 11:41:08 AM



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): E



#85

Benzo(a)anthracene

Concen: 1.450 ng/ul m

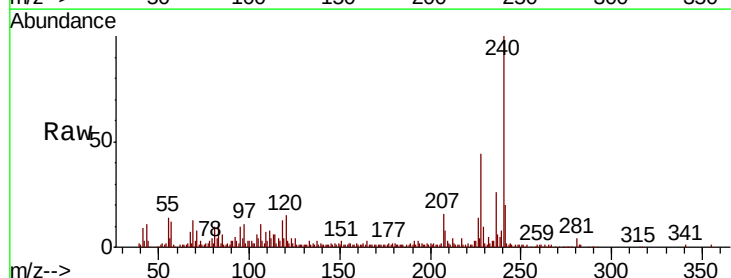
RT: 21.25 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BN014396.D

Acq: 24 Apr 2021 10:58

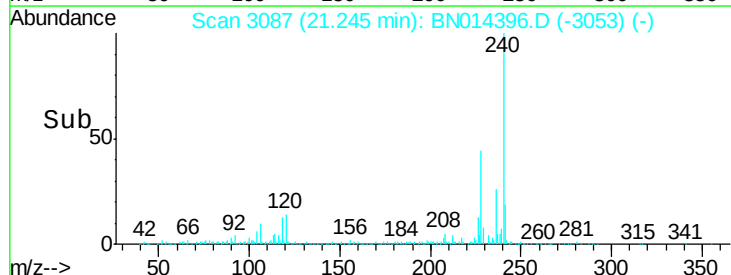
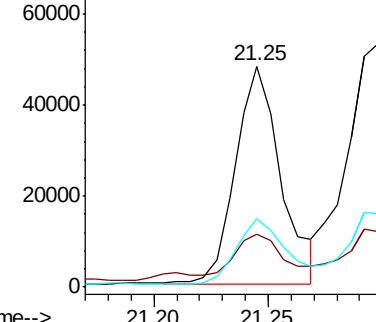
Tgt Ion:	228	Resp:	66402
Ion Ratio	Lower	Upper	
228	100		
229	23.7	15.4	23.2#
226	30.7	21.8	32.8

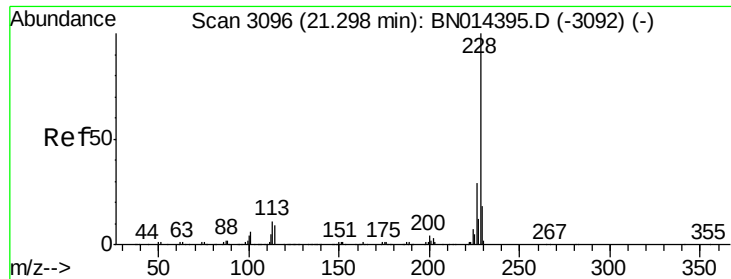


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





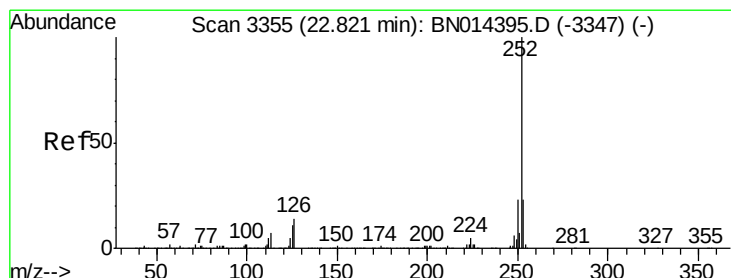
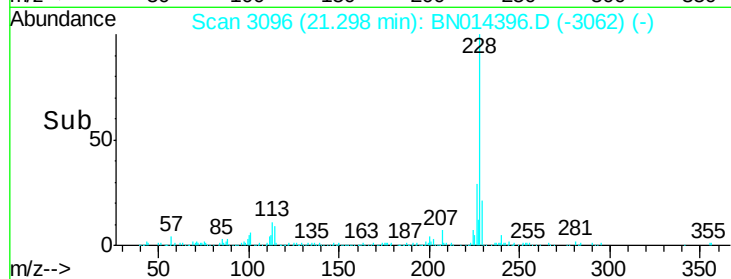
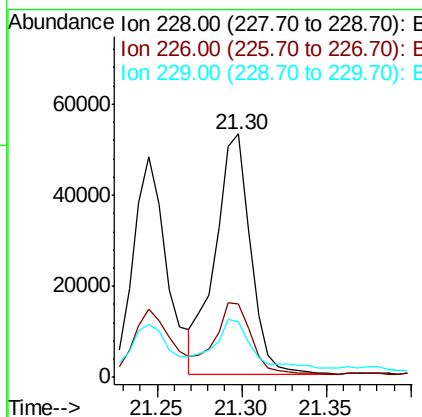
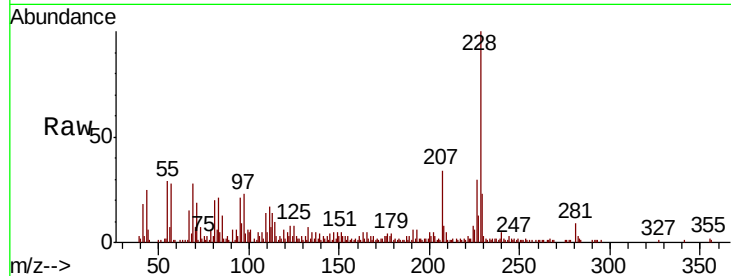
#87
Chrysene
Concen: 1.747 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN014396.D
Acq: 24 Apr 2021 10:58

Instrument :
BNA_N
ClientSampleId :
BG568

Tot Ion:	228	Resp:	77559
Ion Ratio	Lower	Upper	
228	100		
226	30.2	26.0	39.0
229	23.0	16.4	24.6

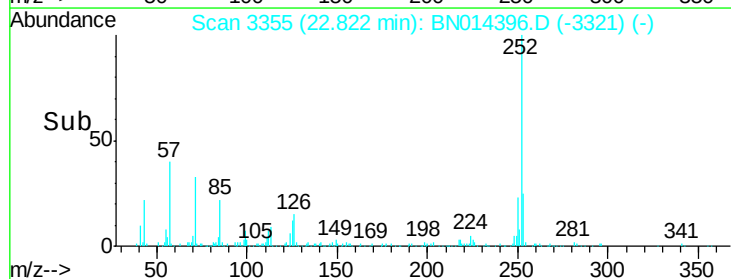
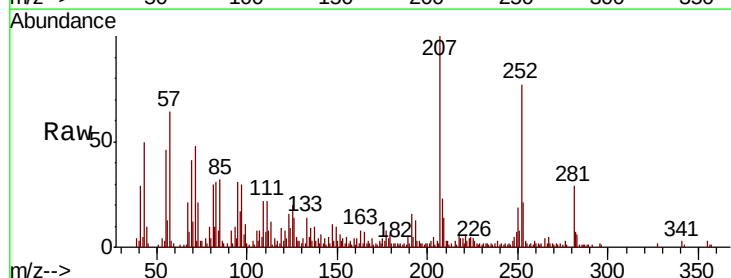
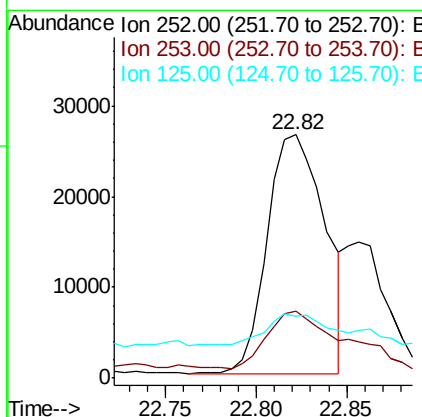
Manual Integrations
APPROVED

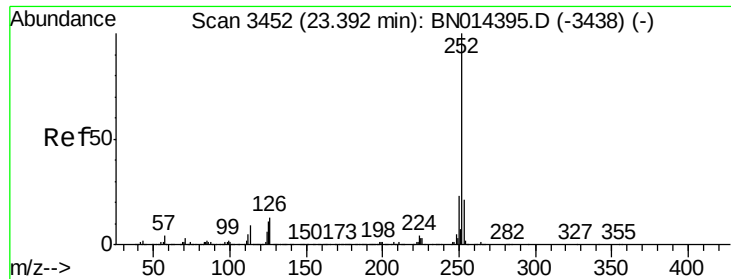
mohammad
4/26/2021 11:41:08 AM



#90
Benzo(b)fluoranthene
Concen: 1.222 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BN014396.D
Acq: 24 Apr 2021 10:58

Tgt Ion:	252	Resp:	58851
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.3	25.9#
125	25.5	8.1	12.1#





#93
 Benzo(a)pyrene
 Concen: 1.185 ng/ul
 RT: 23.39 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BN014396.D
 Acq: 24 Apr 2021 10:58

Instrument :
 BNA_N
 ClientSampleId :
 BG568

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	22.1	9.3	13.9

Manual Integrations
 APPROVED

mohammad
 4/26/2021 11:41:08 AM

