

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:06:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	32718	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	125063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	92012	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.59	188	247506	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	273612	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	291558	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	1272m	1.41	ng/uL	0.00
5) Phenol-d5	7.38	99	25558	7.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	17879	9.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	22313	10.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	14503	5.75	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	12308	11.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	13913	12.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	26420	10.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	18538	7.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	92895	11.76	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	111292	12.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	8001	6.64	ng/ul	0.00
58) Fluorene-d10	15.84	176	93698	12.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	12622	8.96	ng/ul	0.00
71) Anthracene-d10	17.69	188	151919	12.37	ng/ul	0.00
79) Pyrene-d10	19.96	212	207271	13.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	216319	12.89	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.30	163	18662	2.316	ng/ul#	92
70) Phenanthrene	17.64	178	45999	3.442	ng/ul	98
77) Fluoranthene	19.63	202	219666	13.013	ng/ul	99
80) Pyrene	19.99	202	179835	9.279	ng/ul#	97
83) Benzo(a)anthracene	21.85	228	117268	6.024	ng/ul	99
85) Chrysene	21.93	228	135691m	7.324	ng/ul	
88) Benzo(b)fluoranthene	24.19	252	192044	9.329	ng/ul	99
89) Benzo(k)fluoranthene	24.25	252	74610m	3.678	ng/ul	
91) Benzo(a)pyrene	25.10	252	123548m	6.733	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.14	276	93066m	4.169	ng/ul	
93) Dibenzo(a,h)anthracene	29.18	278	25252m	1.380	ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	77767m	4.222	ng/ul	

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

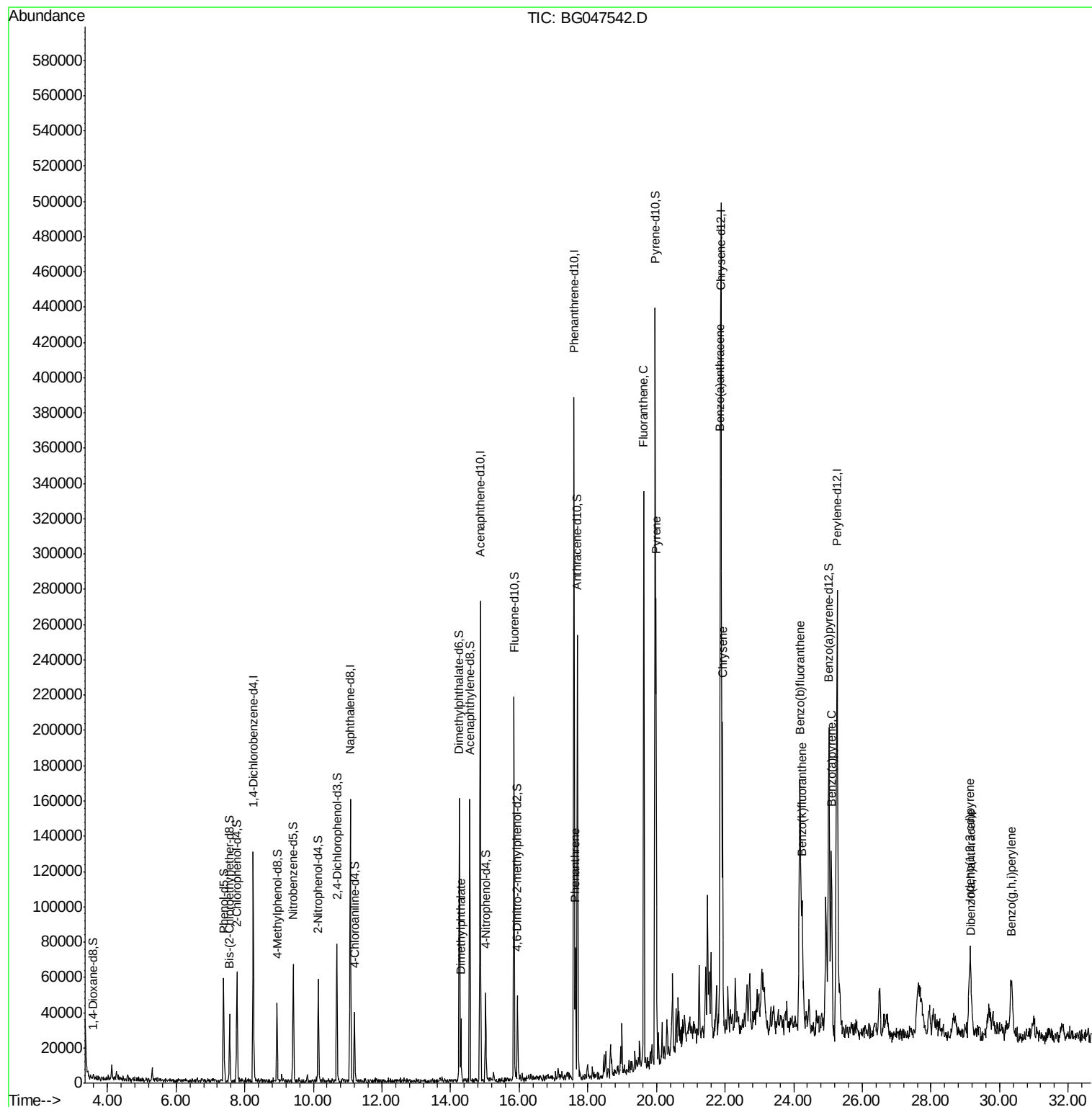
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

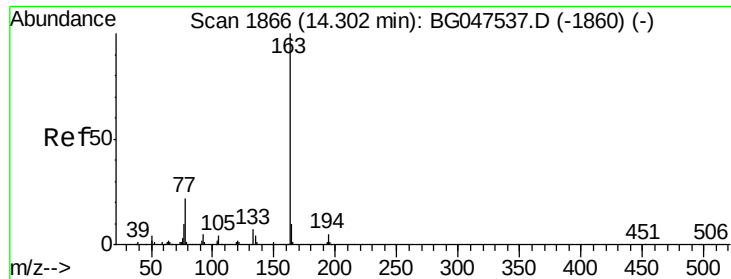
Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:06:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration





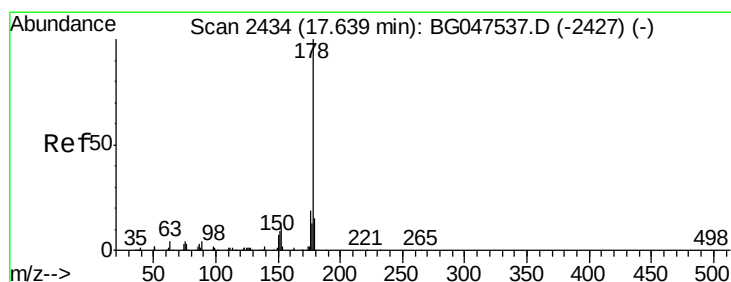
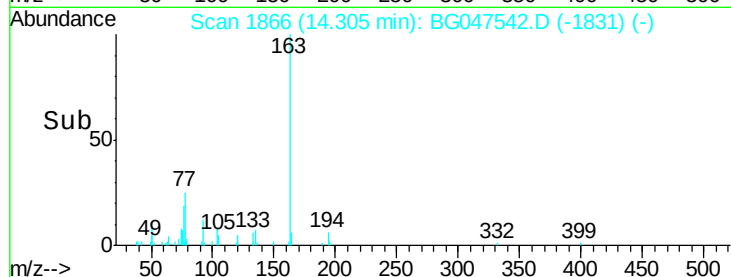
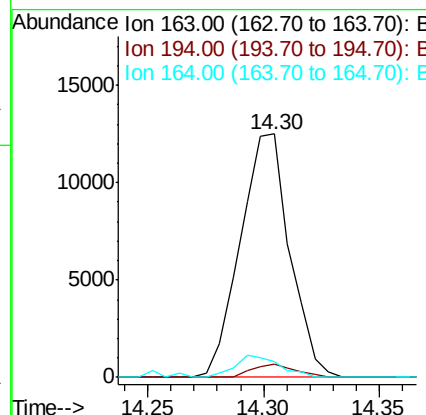
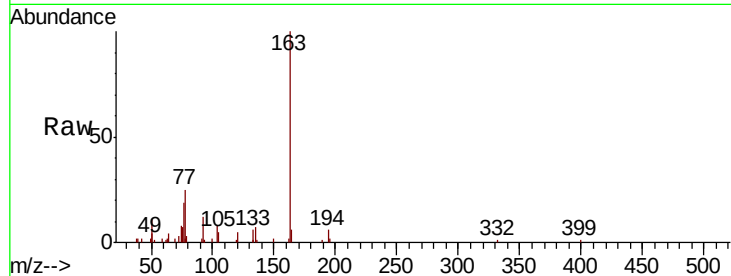
#45
Dimethylphthalate
Concen: 2.316 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.6	5.4#
164	6.3	8.0	12.0#

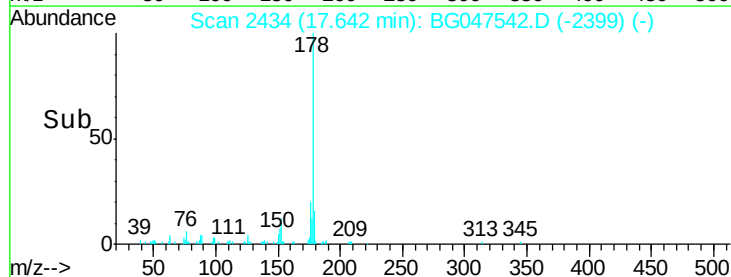
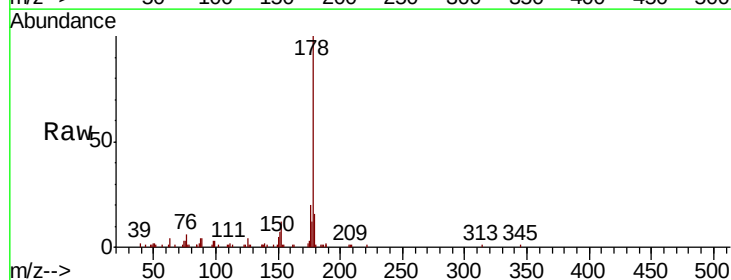
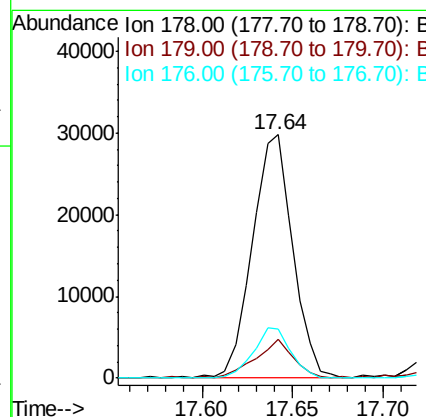
Manual Integrations
APPROVED

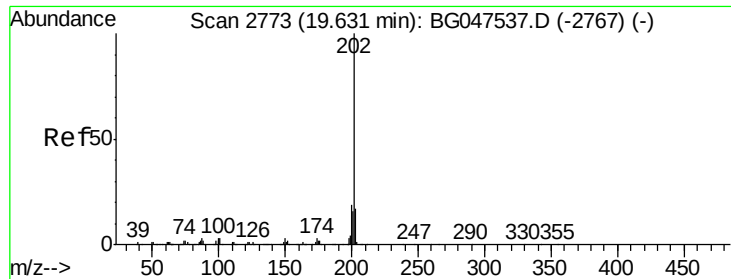
mohammad
12/4/2020 4:30:24 PM



#70
Phenanthrene
Concen: 3.442 ng/ul
RT: 17.64 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	20.2	15.0	22.4





#77

Fluoranthene

Concen: 13.013 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Instrument :

BNA_G

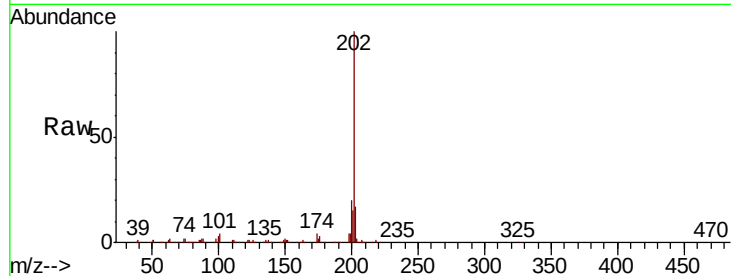
ClientSampleId :

C0AZ9

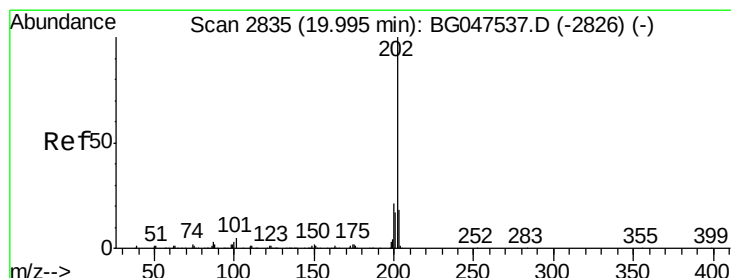
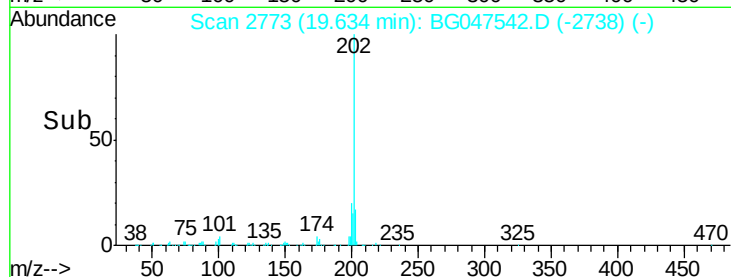
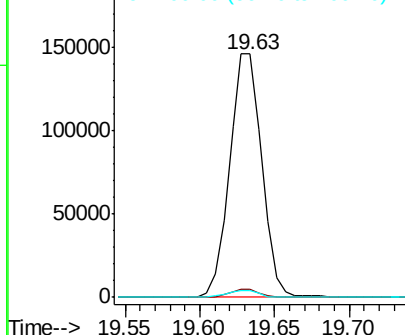
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		219666		
101	3.6		2.8	4.2	
100	2.7		2.6	3.8	

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM



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

Pyrene

Concen: 9.279 ng/ul

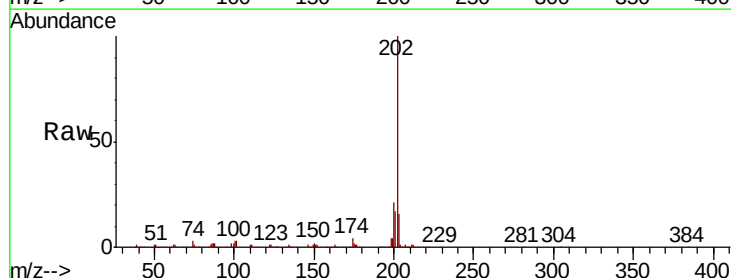
RT: 19.99 min Scan# 2834

Delta R.T. -0.00 min

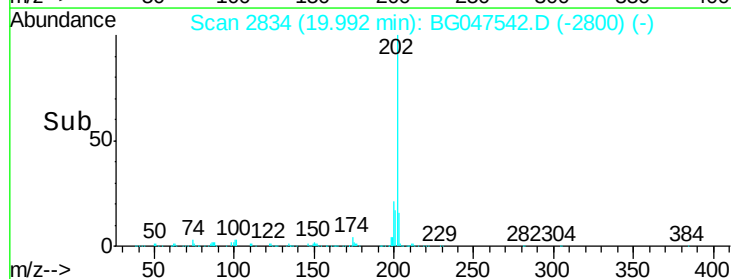
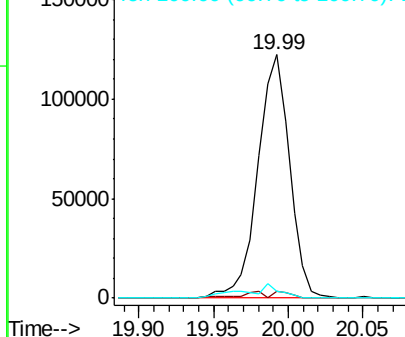
Lab File: BG047542.D

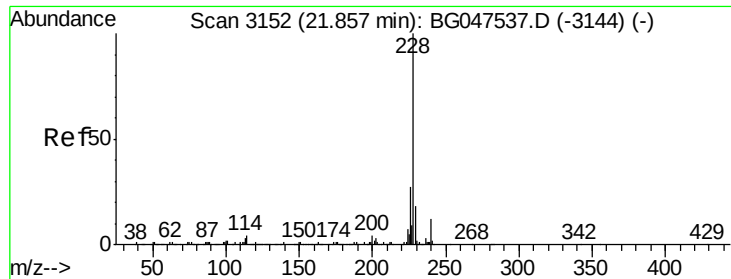
Acq: 3 Dec 2020 17:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		179835		
101	2.9		3.8	5.6#	
100	2.8		2.2	3.4	



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





#83

Benzo(a)anthracene

Concen: 6.024 ng/ul

RT: 21.85 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Instrument :

BNA_G

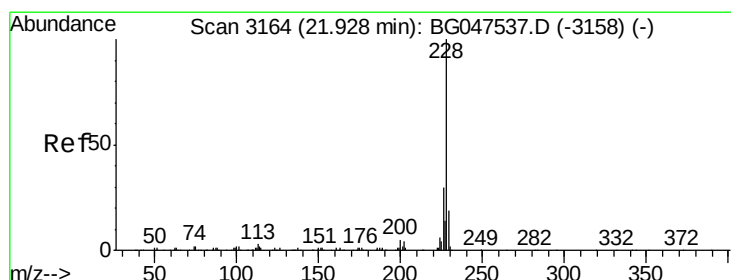
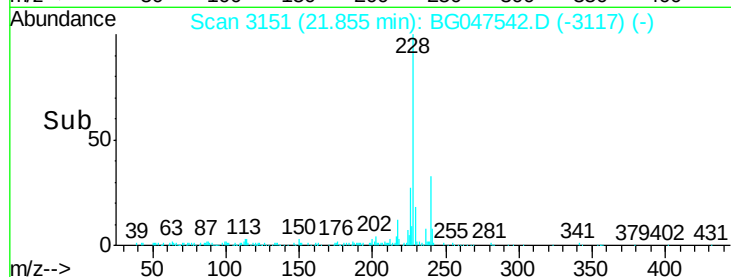
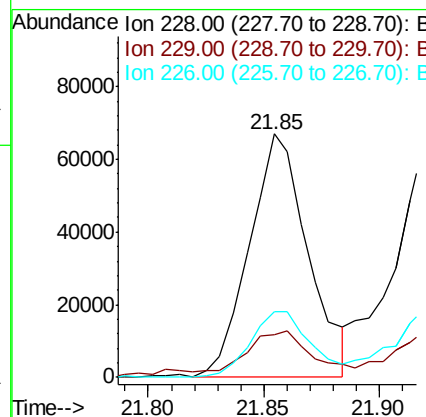
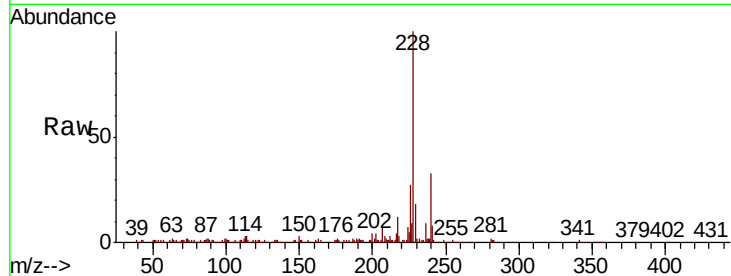
ClientSampleId :

C0AZ9

Tot Ion:	228	Resp:	117268
Ion	Ratio	Lower	Upper
228	100		
229	17.6	14.7	22.1
226	26.9	21.6	32.4

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM



#85

Chrysene

Concen: 7.324 ng/ul m

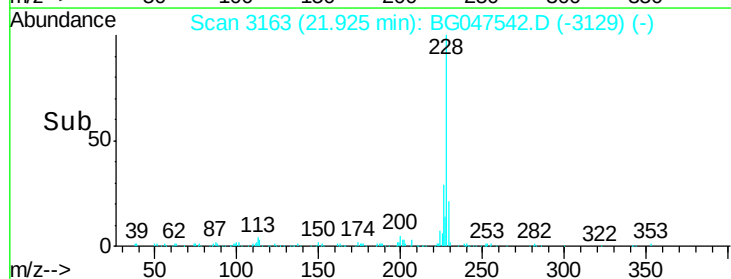
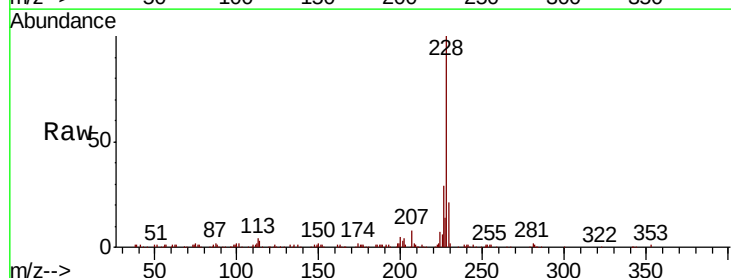
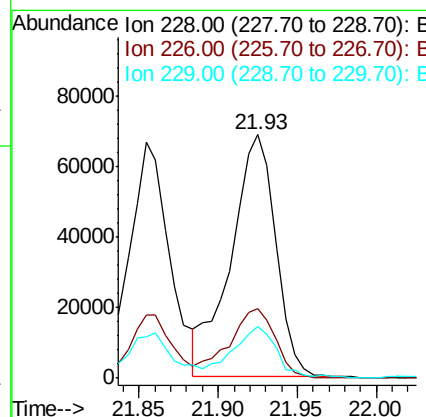
RT: 21.93 min Scan# 3163

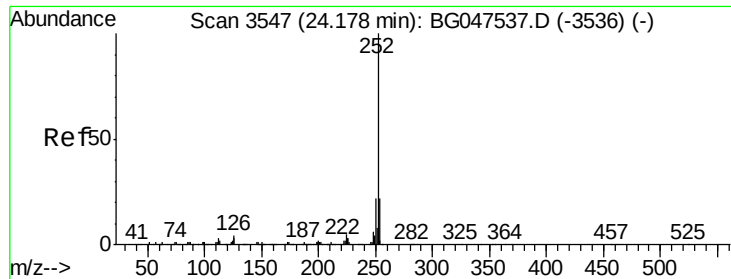
Delta R.T. -0.00 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Tgt Ion:	228	Resp:	135691
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.6
229	21.3	15.5	23.3





#88

Benzo(b)fluoranthene

Concen: 9.329 ng/ul

RT: 24.19 min Scan# 3548

Delta R.T. 0.01 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Instrument :

BNA_G

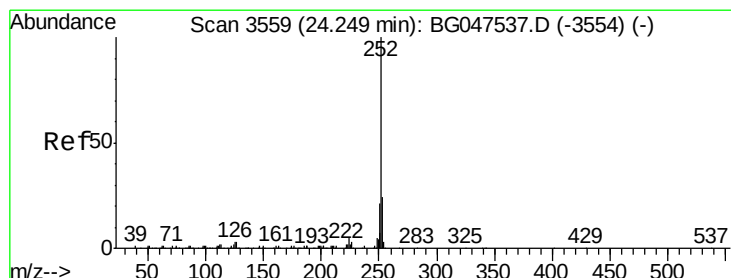
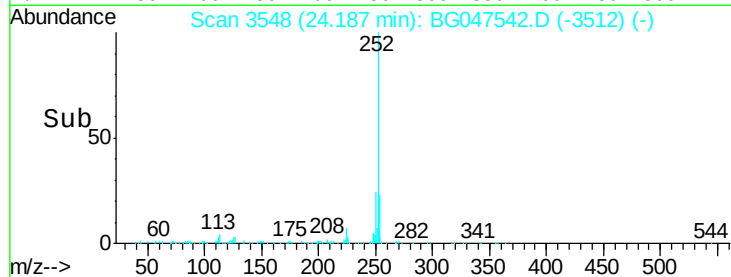
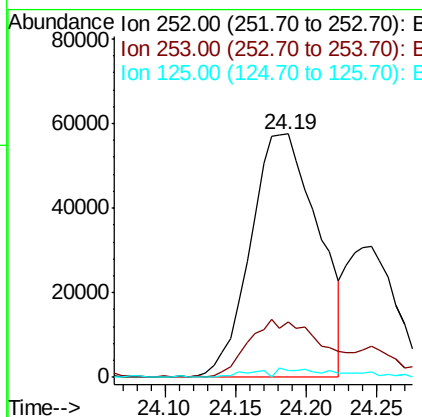
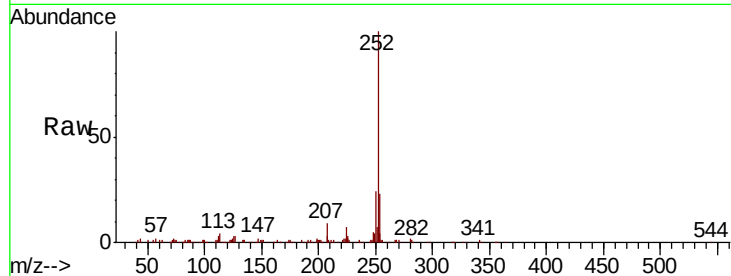
ClientSampleId :

C0AZ9

Tot Ion:	252	Resp:	192044
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	2.6	2.4	3.6

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM



#89

Benzo(k)fluoranthene

Concen: 3.678 ng/ul m

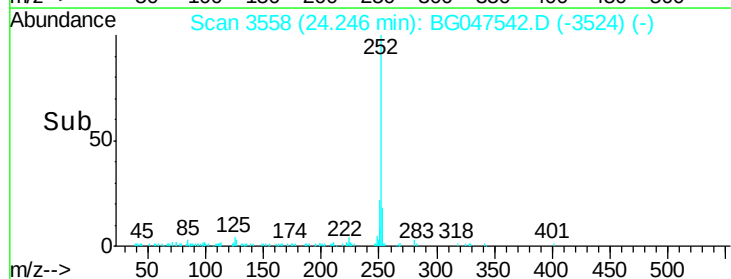
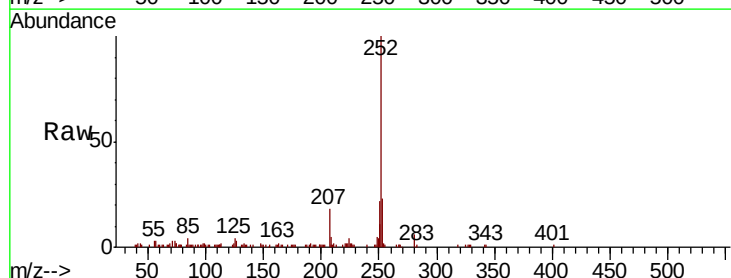
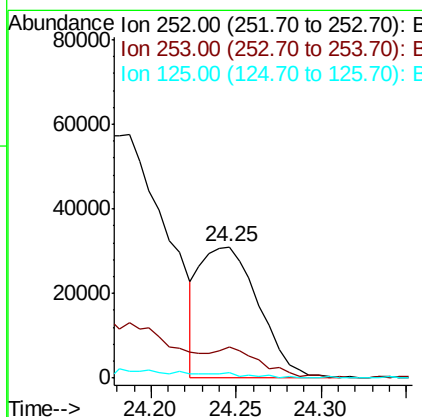
RT: 24.25 min Scan# 3558

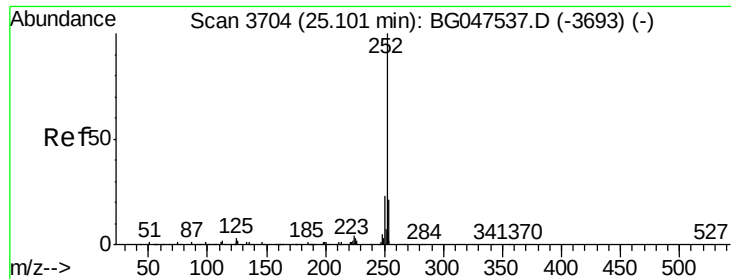
Delta R.T. -0.00 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Tgt Ion:	252	Resp:	74610
Ion Ratio	Lower	Upper	
252	100		
253	23.3	19.0	28.4
125	3.9	2.2	3.4#





#91

Benzo(a)pyrene

Concen: 6.733 ng/ul m

RT: 25.10 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Instrument :

BNA_G

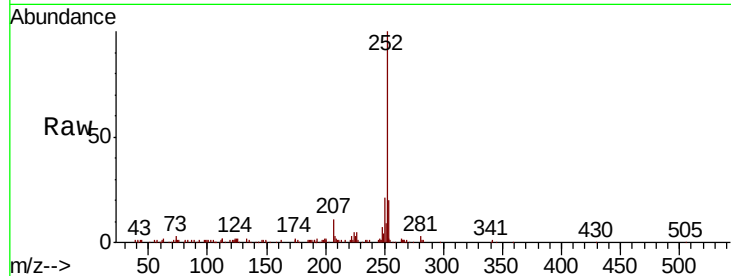
ClientSampleId :

C0AZ9

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.3	25.9
125	2.1	2.3	3.5#

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

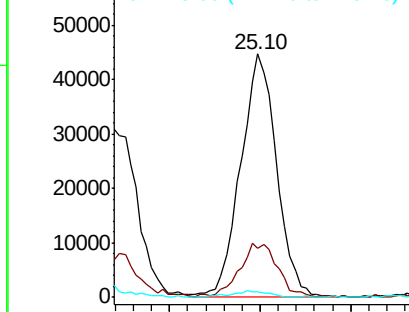


Abundance

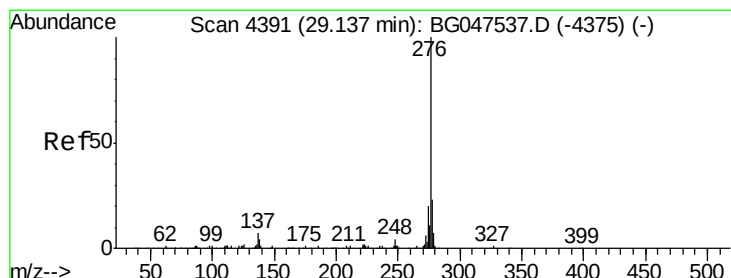
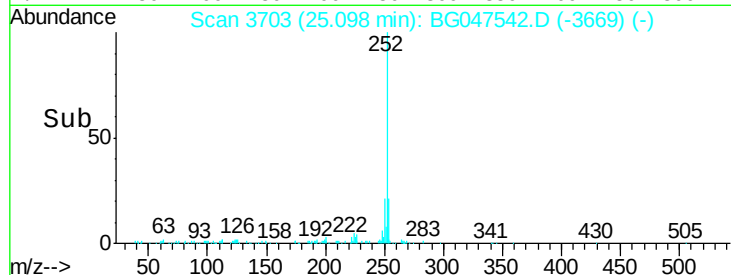
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#92

Indeno(1,2,3-cd)pyrene

Concen: 4.169 ng/ul m

RT: 29.14 min Scan# 4391

Delta R.T. 0.00 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

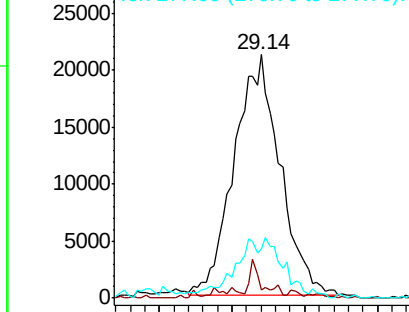
Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.5	3.7	5.5#
277	20.3	18.2	27.4

Abundance

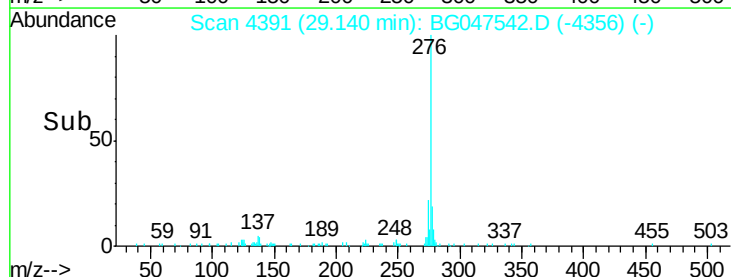
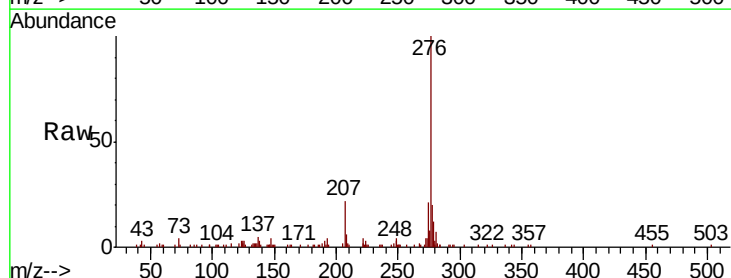
Ion 276.00 (275.70 to 276.70): E

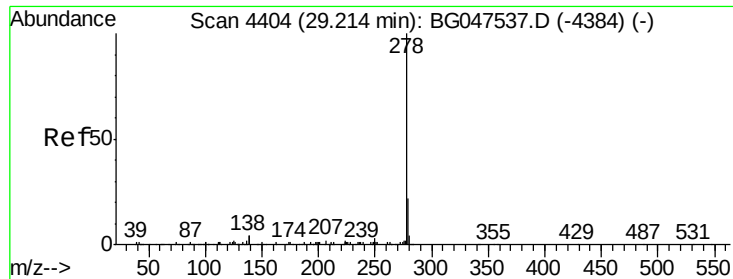
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->





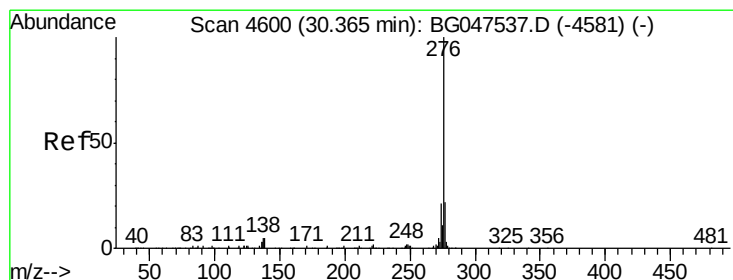
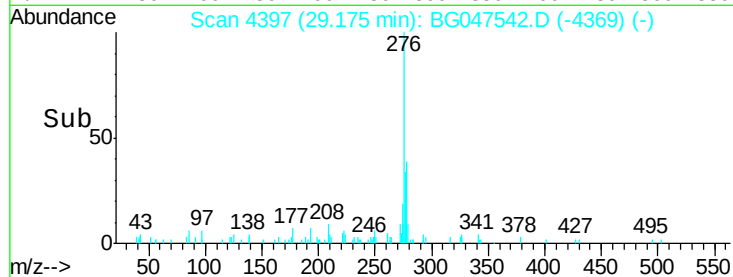
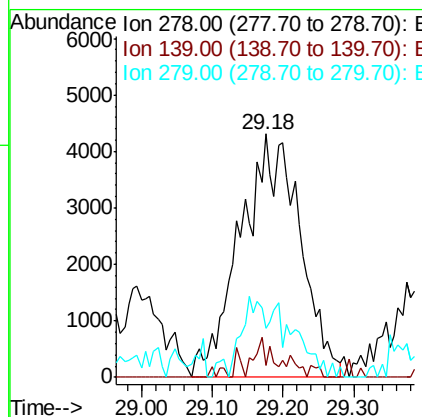
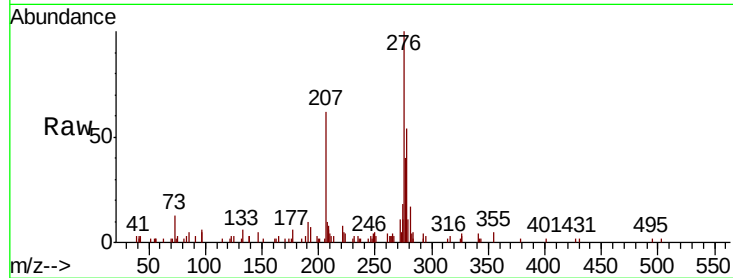
#93
Dibenzo(a,h)anthracene
Concen: 1.380 ng/ul m
RT: 29.18 min Scan# 4397
Delta R.T. -0.04 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Tot Ion	Ratio	Lower	Upper
278	100		
139	5.1	3.4	5.0#
279	20.3	18.0	27.0

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM



#94
Benzo(g,h,i)perylene
Concen: 4.222 ng/ul m
RT: 30.35 min Scan# 4597
Delta R.T. -0.01 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.8	3.6	5.4
277	20.4	17.5	26.3

