

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044819.D
 Acq On : 16 Mar 2020 18:58
 Operator : CG/JU
 Sample : L1912-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-5

Manual Integrations
 APPROVED

mohammad
 3/18/2020 8:44:19 AM

Quant Time: Mar 17 04:35:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100305	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	398028	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	273975	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	611187	20.00	ng	0.00
76) Chrysene-d12	21.70	240	524323	20.00	ng	0.00
87) Perylene-d12	24.91	264	598460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	586239	90.98	ng	0.00
7) Phenol-d6	7.21	99	837152	89.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	543971	59.97	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	344888	96.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1077035	56.30	ng	0.00
79) Terphenyl-d14	20.04	244	1569974	56.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	140788	6.452	ng	Qvalue # 97
75) Fluoranthene	19.47	202	186802	4.804	ng	95
78) Pyrene	19.83	202	176749	4.595	ng	98
81) Benzo(a)anthracene	21.68	228	134533	3.563	ng	97
83) Chrysene	21.74	228	118834	3.295	ng	99
88) Benzo(b)fluoranthene	23.89	252	160423	4.060	ng	98
90) Benzo(a)pyrene	24.76	252	104890m	2.837	ng	

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

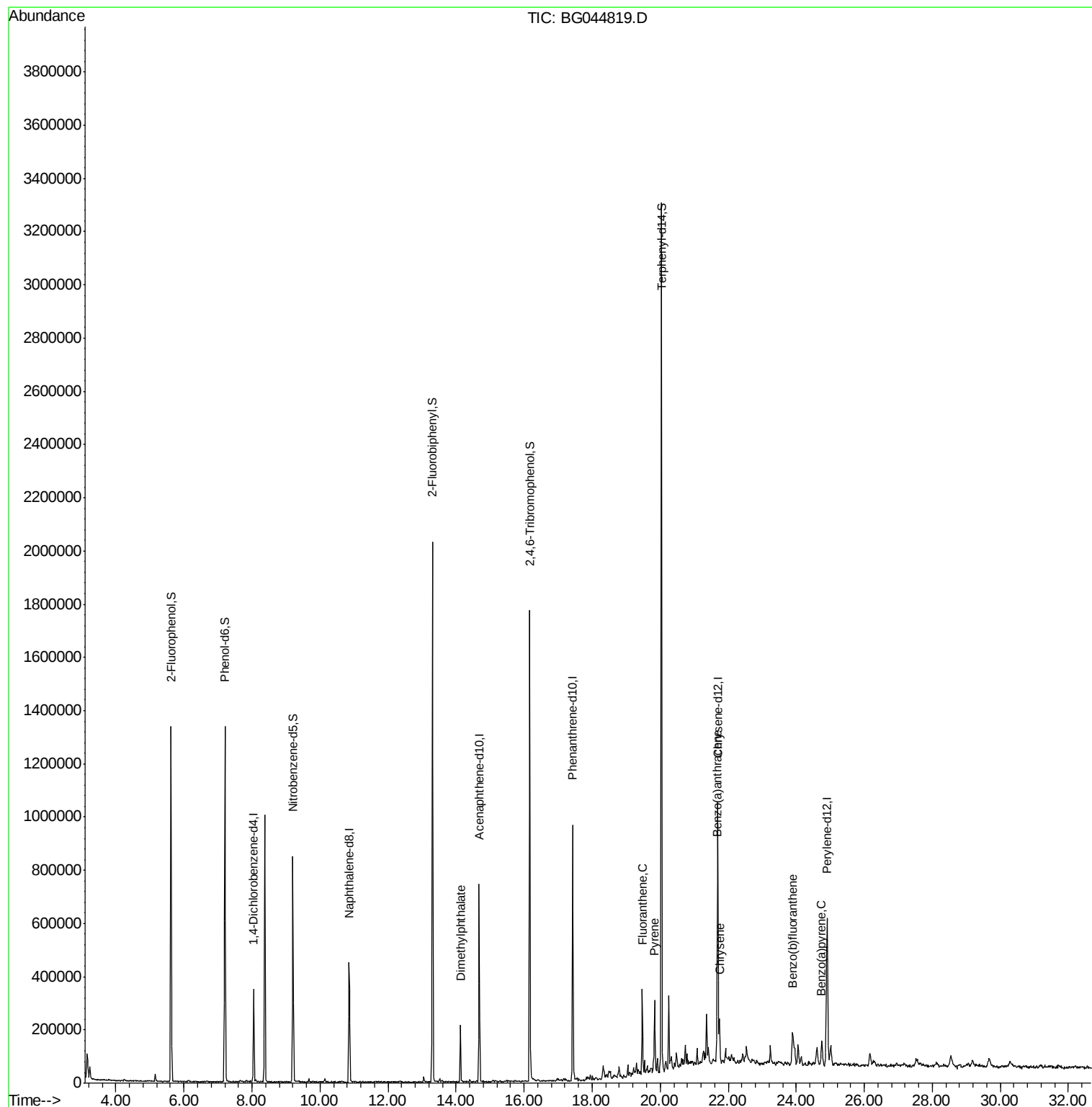
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044819.D
Acq On : 16 Mar 2020 18:58
Operator : CG/JU
Sample : L1912-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

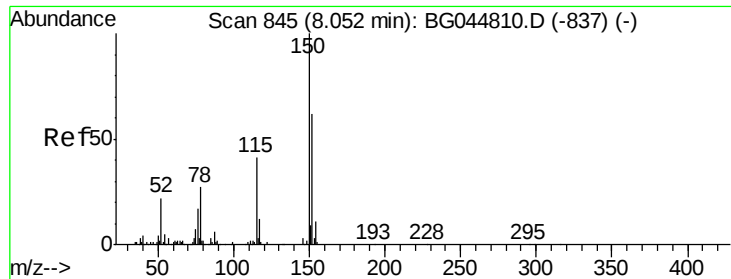
Instrument :
BNA_G
ClientSampleId :
Z1-5

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM

Quant Time: Mar 17 04:35:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration





#1

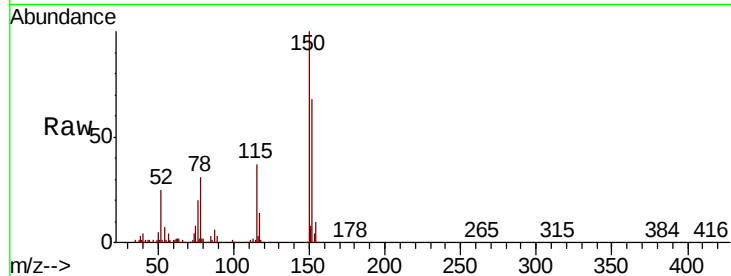
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. 0.00 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Instrument :
BNA_G
ClientSampleId :
Z1-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	128.8	193.2
115	54.3	52.6	79.0

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM

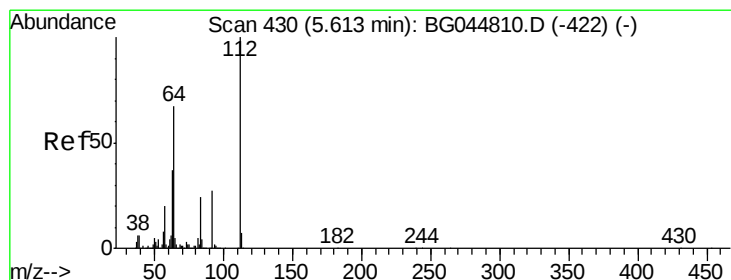
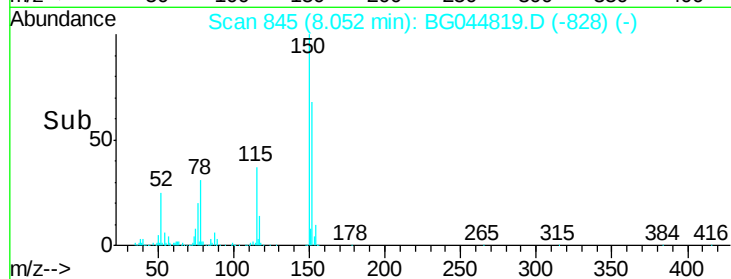
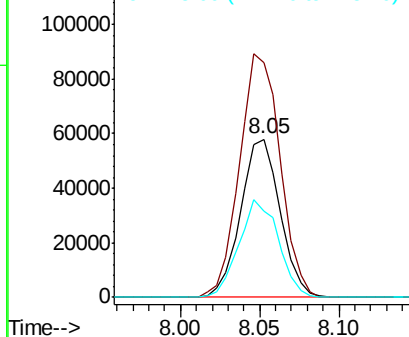


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

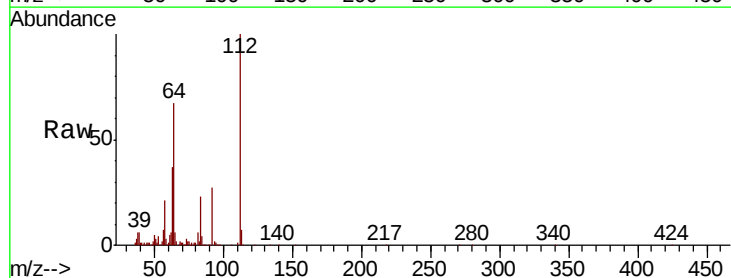
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.982 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.01 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.4	80.2
63	36.6	29.4	44.2

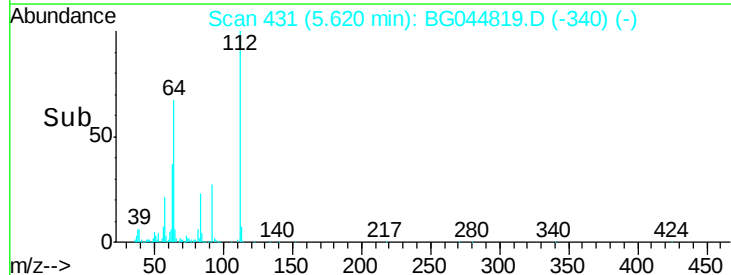
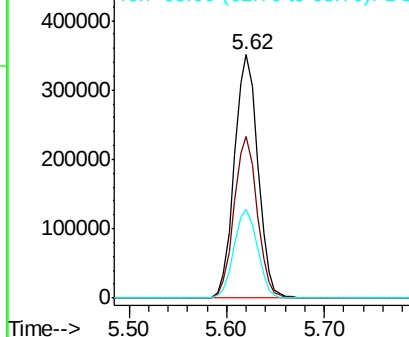


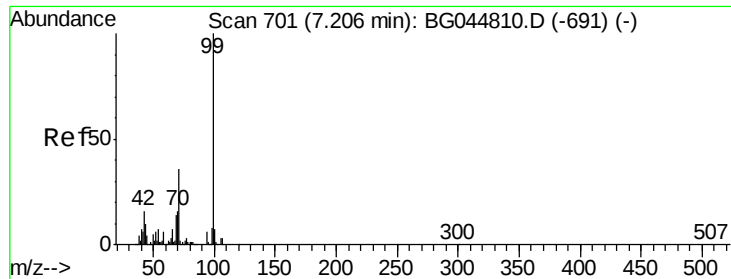
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 89.421 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044819.D

Acq: 16 Mar 2020 18:58

Instrument :

BNA_G

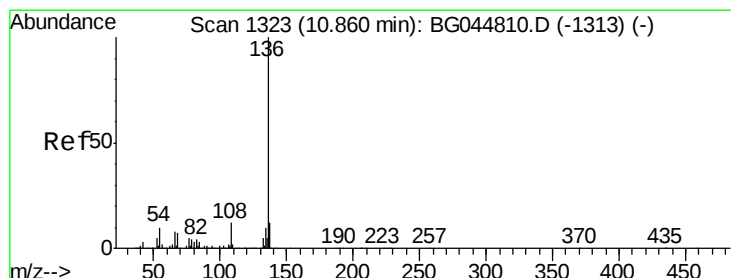
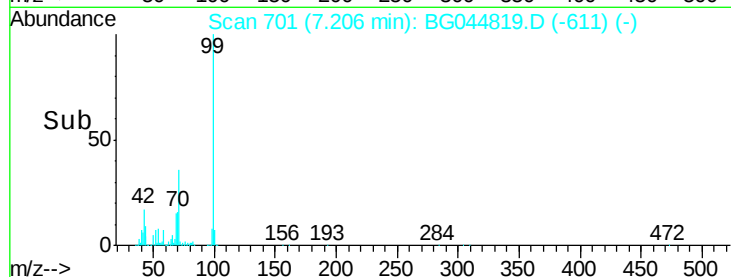
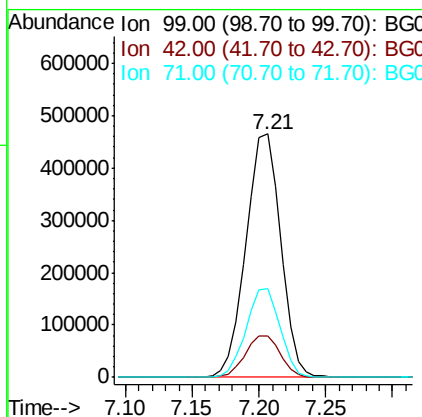
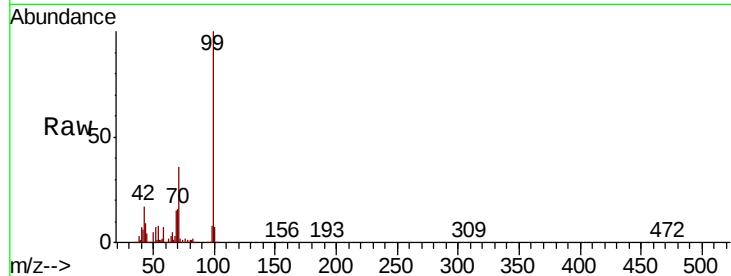
ClientSampleId :

Z1-5

Tot Ion:	99	Resp:	837152
Ion Ratio	Lower	Upper	
99	100		
42	17.0	12.6	19.0
71	36.4	29.0	43.4

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM



#21

Naphthalene-d8

Concen: 20.000 ng

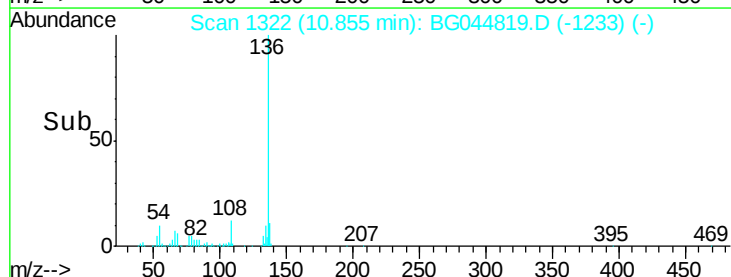
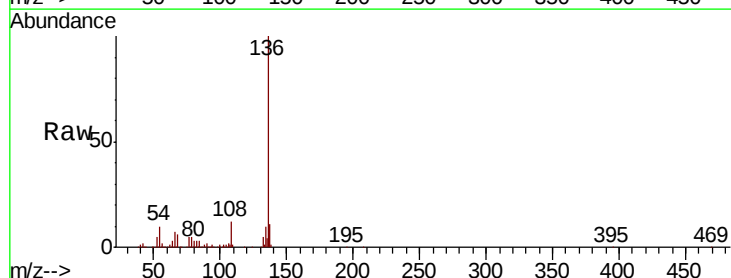
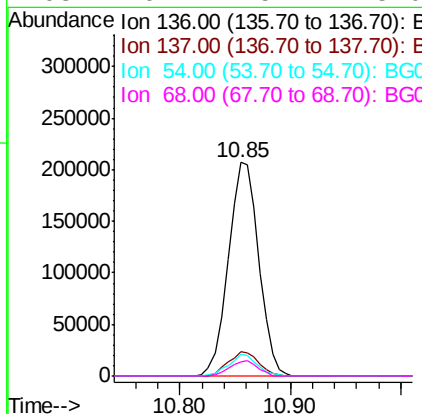
RT: 10.85 min Scan# 1322

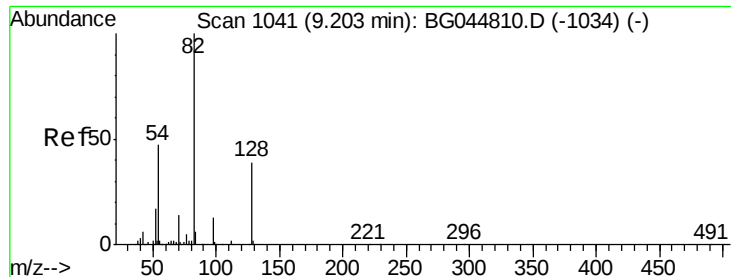
Delta R.T. -0.01 min

Lab File: BG044819.D

Acq: 16 Mar 2020 18:58

Tgt Ion:	136	Resp:	398028
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	10.2	7.9	11.9
68	6.4	5.4	8.0





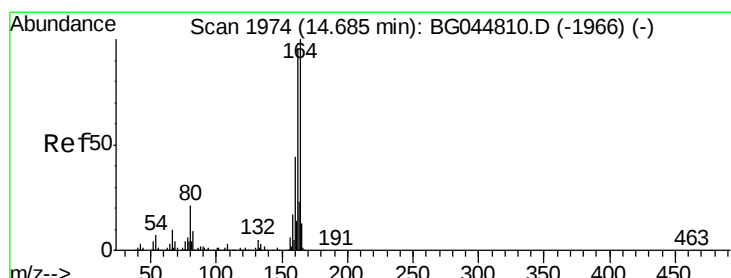
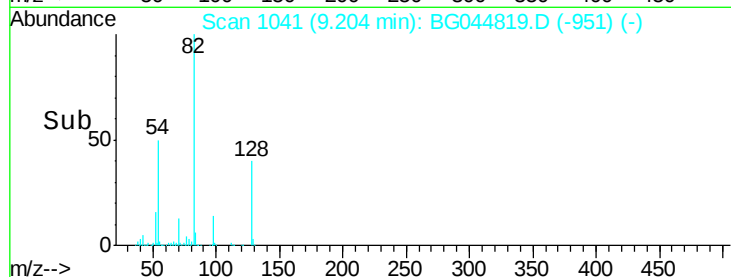
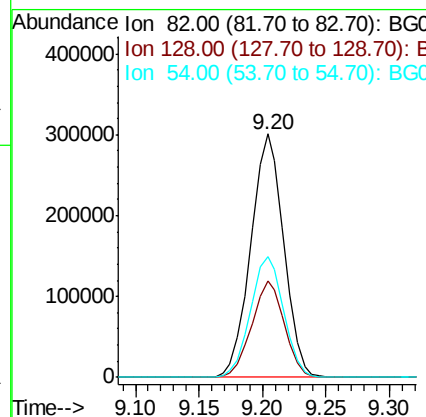
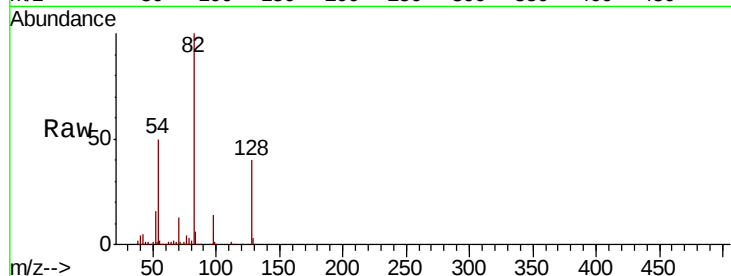
#23
 Nitrobenzene-d5
 Concen: 59.971 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044819.D
 Acq: 16 Mar 2020 18:58

Instrument :
 BNA_G
 ClientSampleId :
 Z1-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	30.6	46.0
54	49.8	37.1	55.7

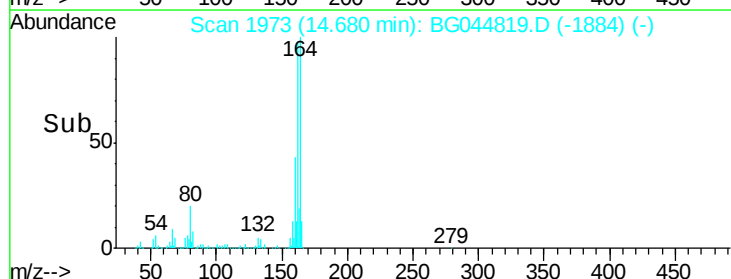
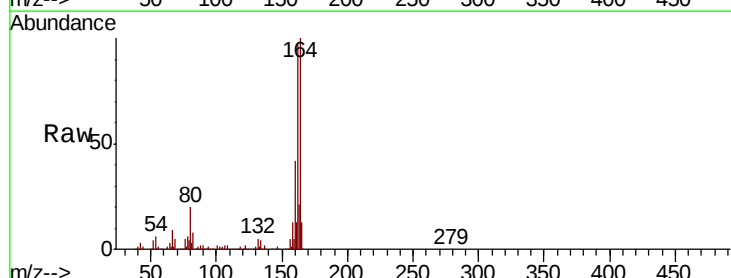
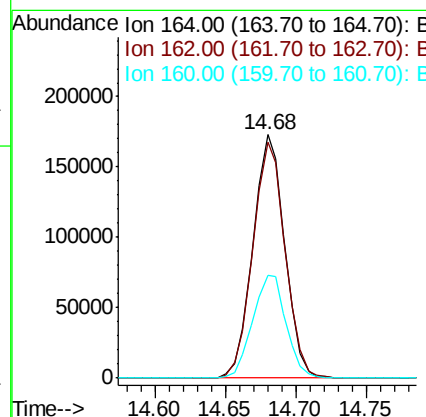
Manual Integrations
 APPROVED

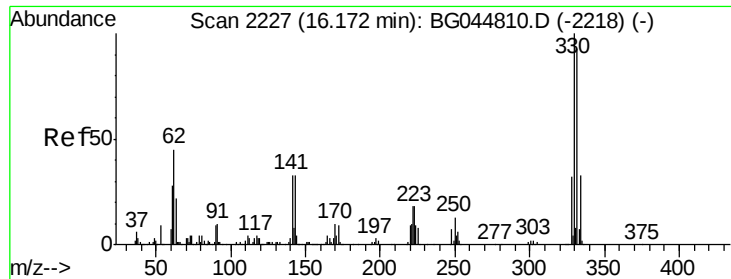
mohammad
 3/18/2020 8:44:19 AM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044819.D
 Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.7	115.1
160	42.5	35.0	52.4





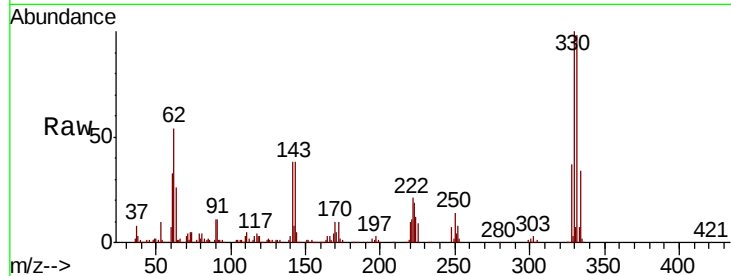
#42
2,4,6-Tribromophenol
Concen: 96.142 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Instrument :
BNA_G
ClientSampled :
Z1-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.8	116.6	
141	37.7	29.5	44.3	

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM

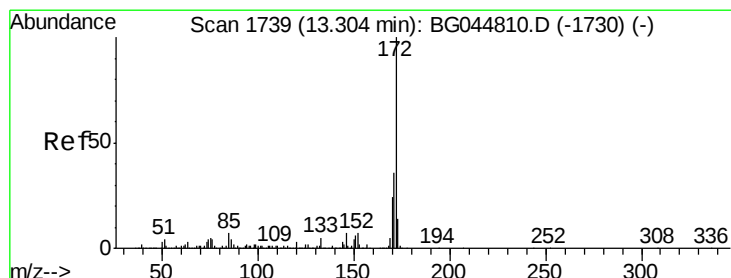
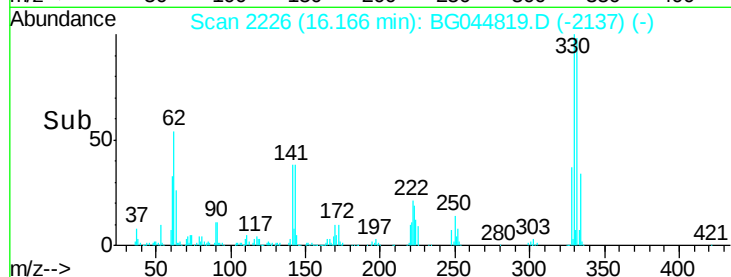
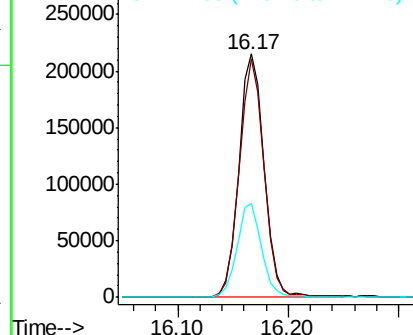


Abundance

Ion 329.80 (329.50 to 330.50): E

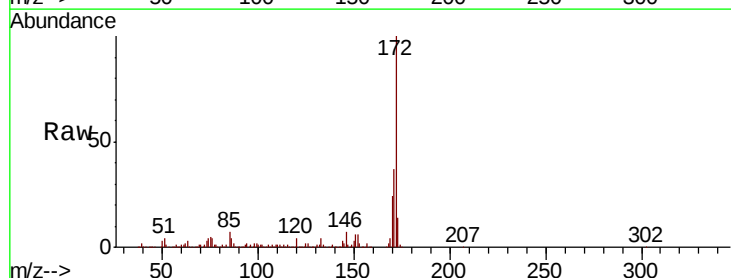
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 56.295 ng
RT: 13.30 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	28.7	43.1	
170	24.0	19.0	28.6	

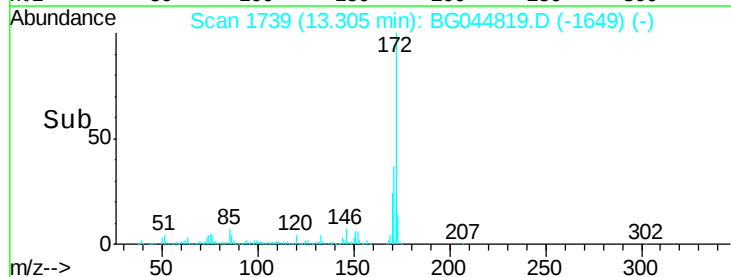
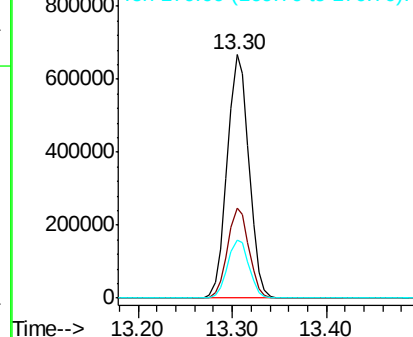


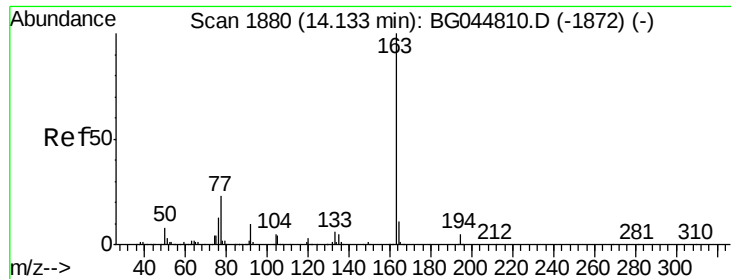
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





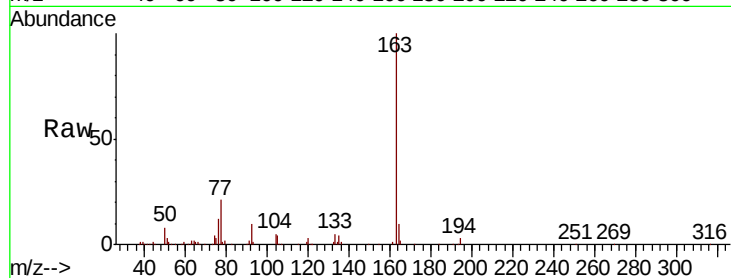
#50
Dimethylphthalate
Concen: 6.452 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Instrument :
BNA_G
ClientSampleId :
Z1-5

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.7	5.5#
164	10.2	9.1	13.7

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM

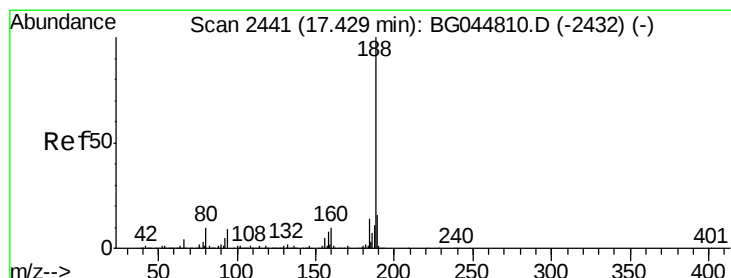
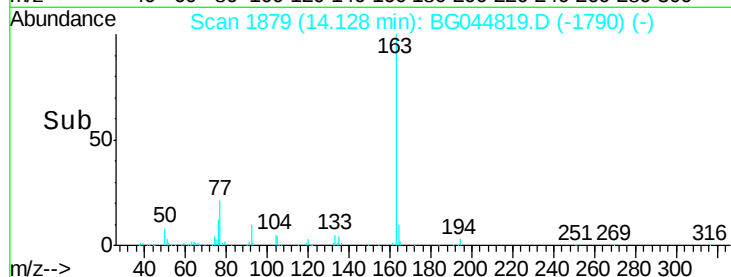
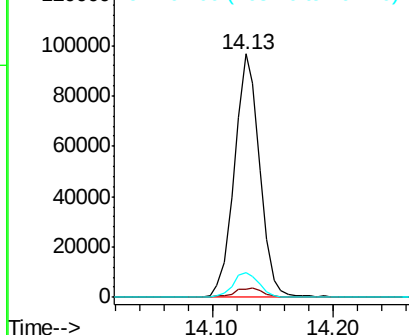


Abundance

Ion 163.00 (162.70 to 163.70): E

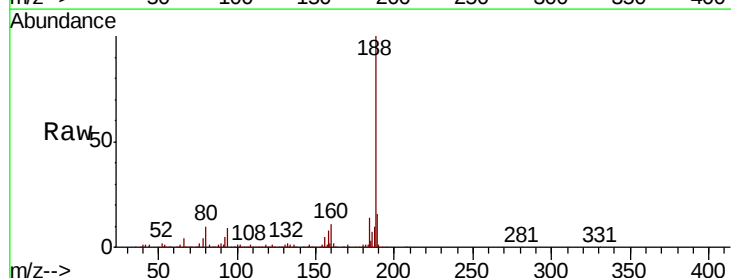
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.3	10.9
80	10.1	8.0	12.0

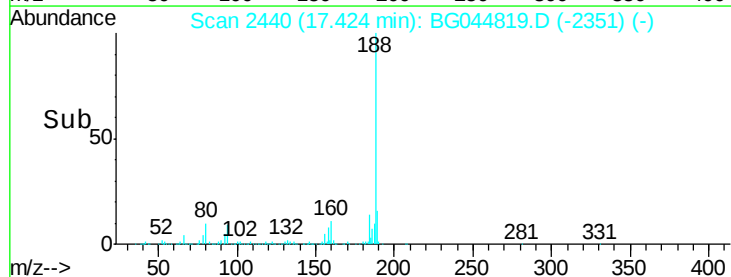
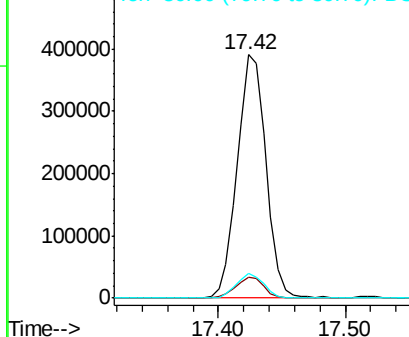


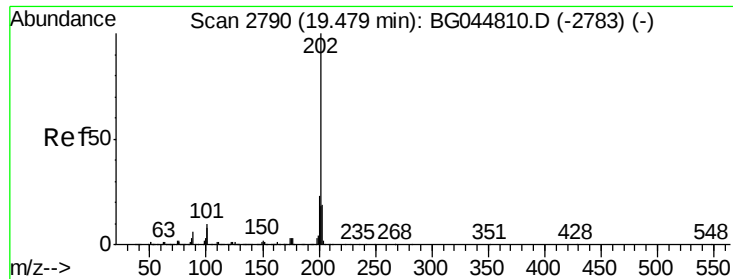
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 4.804 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG044819.D

Acq: 16 Mar 2020 18:58

Instrument :

BNA_G

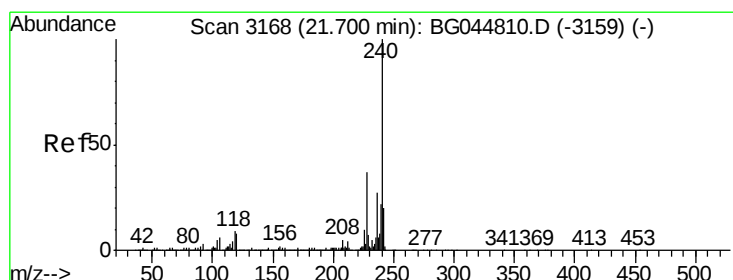
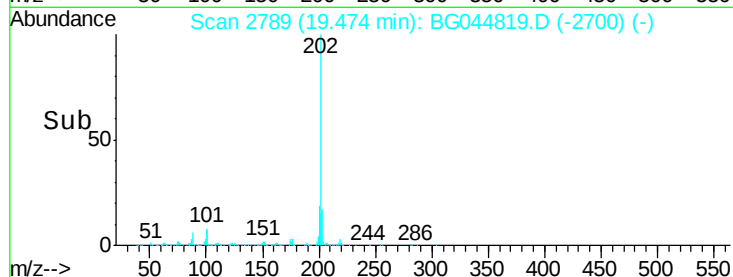
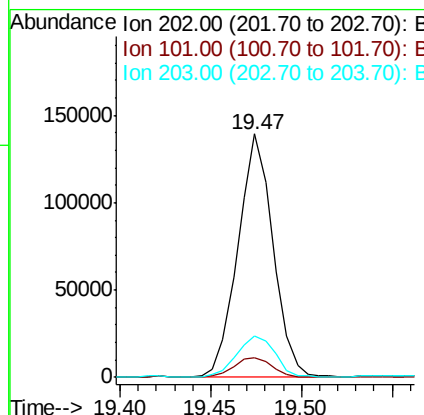
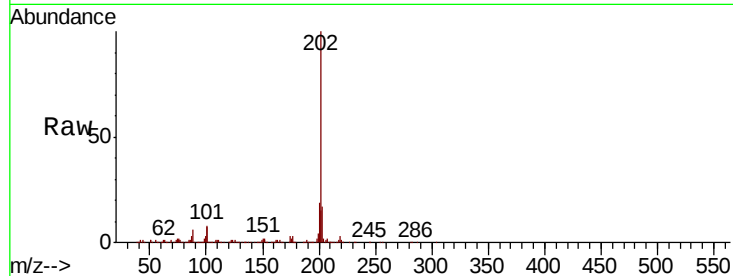
ClientSampleId :

Z1-5

Tot Ion:	202	Resp:	186802
Ion Ratio		Lower	Upper
202	100		
101	8.2	0.0	29.8
203	17.2	0.0	39.4

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM



#76

Chrysene-d12

Concen: 20.000 ng

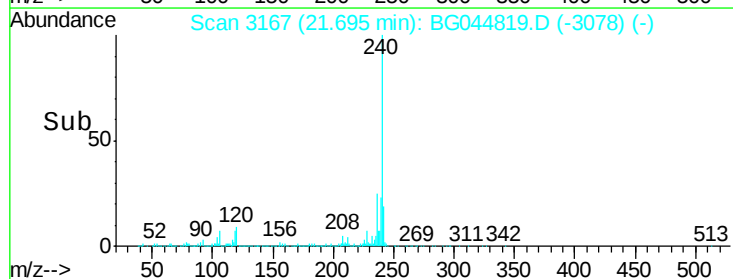
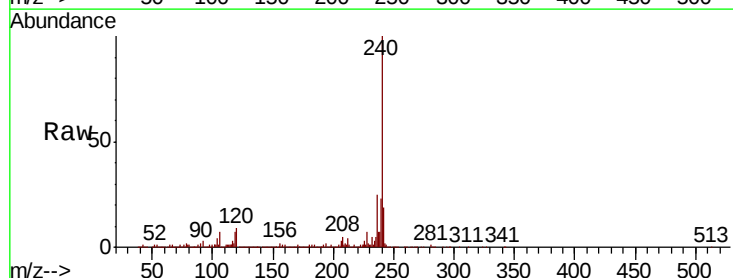
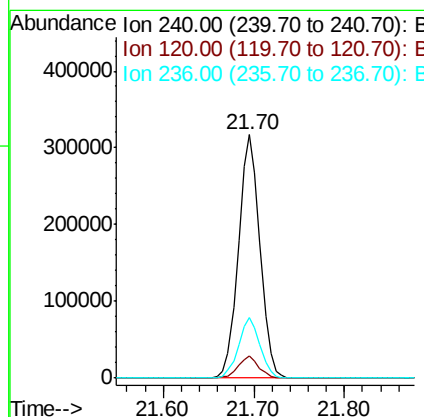
RT: 21.70 min Scan# 3167

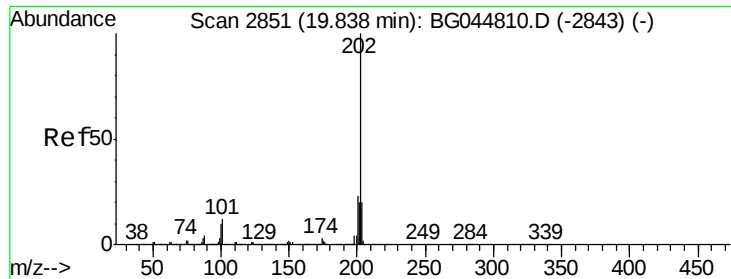
Delta R.T. -0.01 min

Lab File: BG044819.D

Acq: 16 Mar 2020 18:58

Tgt Ion:	240	Resp:	524323
Ion Ratio		Lower	Upper
240	100		
120	9.0	6.7	10.1
236	24.8	21.5	32.3





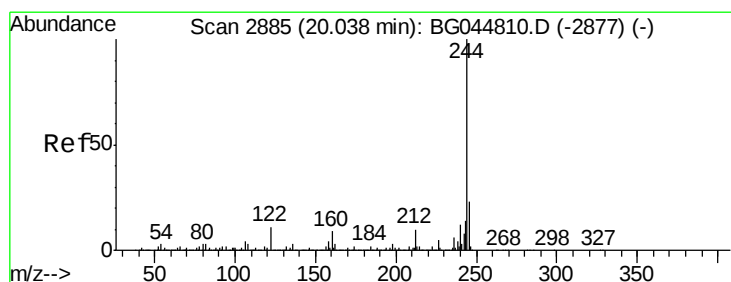
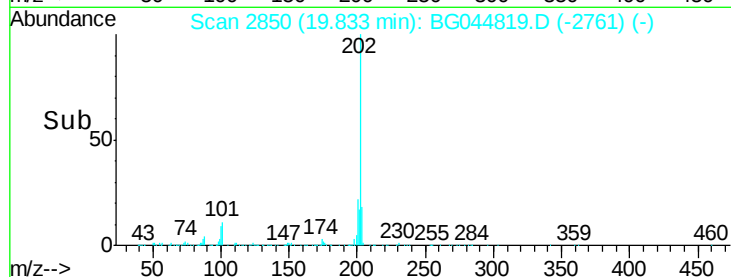
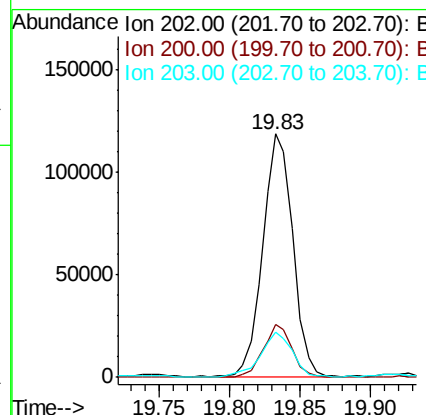
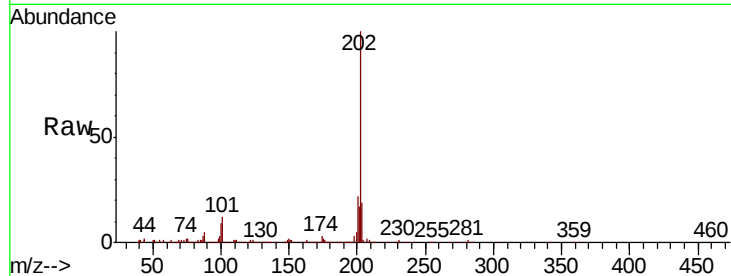
#78
Pvrene
Concen: 4.595 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Instrument :
BNA_G
ClientSampleId :
Z1-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.3	27.5
203	18.7	15.6	23.4

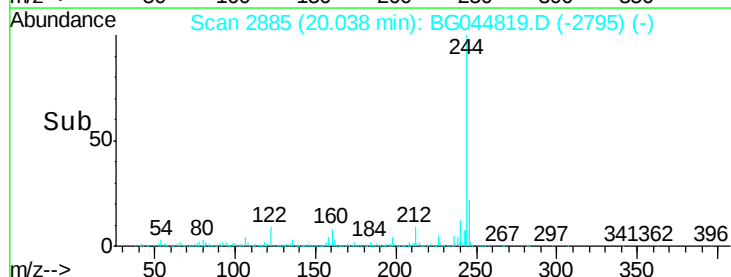
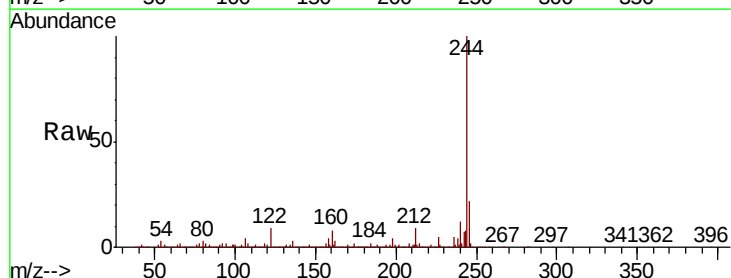
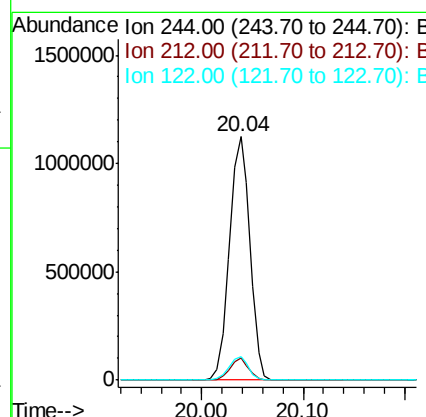
Manual Integrations
APPROVED

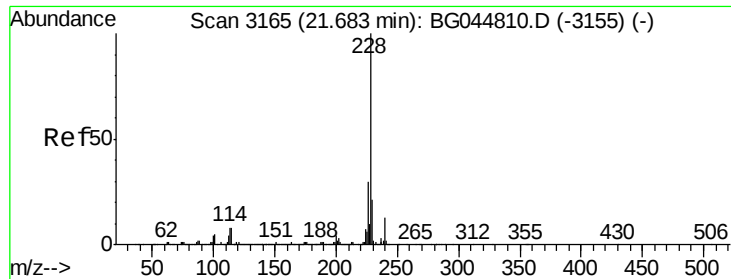
mohammad
3/18/2020 8:44:19 AM



#79
Terphenyl-d14
Concen: 56.010 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.7	11.5
122	9.4	8.6	12.8





#81

Benzo(a)anthracene

Concen: 3.563 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG044819.D

Acq: 16 Mar 2020 18:58

Instrument :

BNA_G

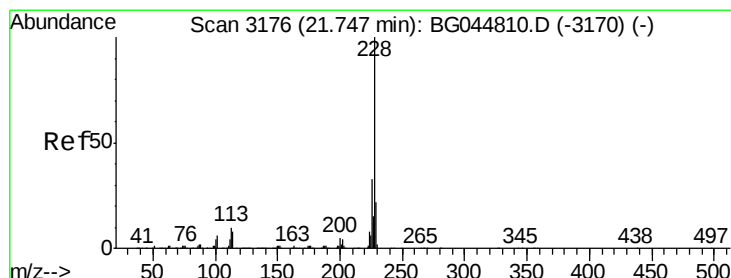
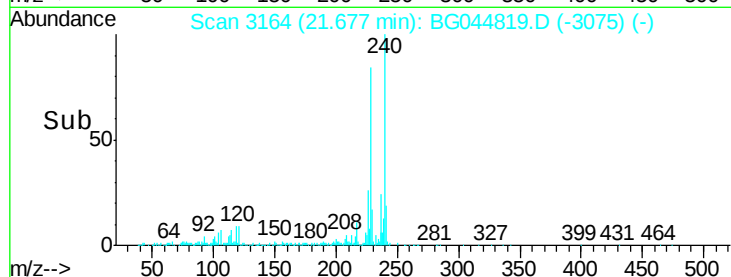
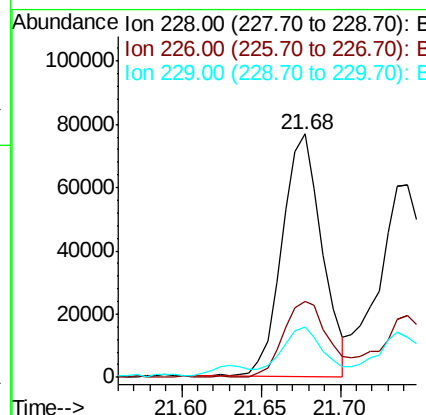
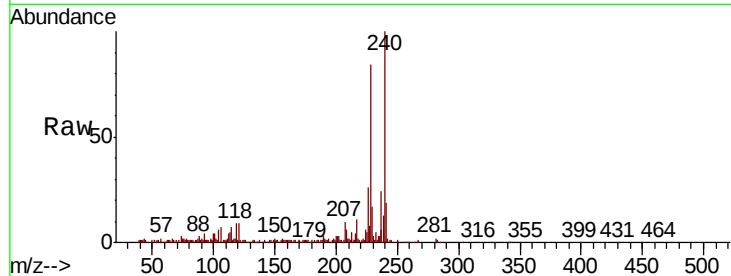
ClientSampled :

Z1-5

Tot Ion:	228	Resp:	134533
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.6	35.4
229	20.4	17.1	25.7

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM



#83

Chrysene

Concen: 3.295 ng

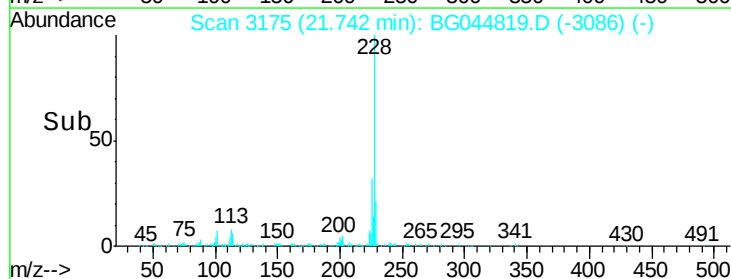
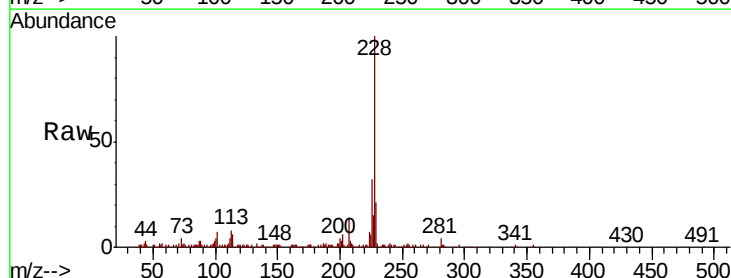
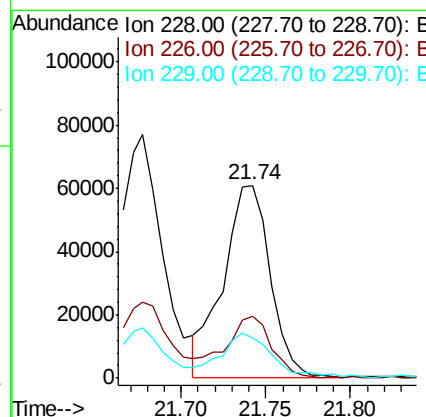
RT: 21.74 min Scan# 3175

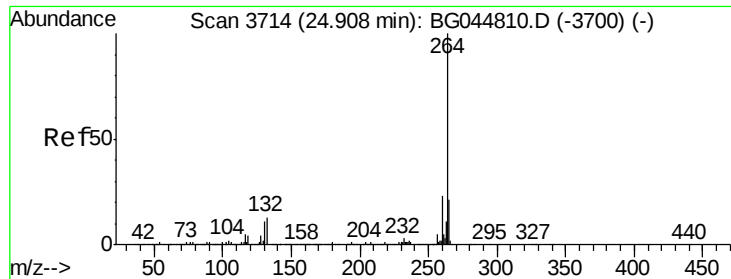
Delta R.T. -0.01 min

Lab File: BG044819.D

Acq: 16 Mar 2020 18:58

Tgt Ion:	228	Resp:	118834
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.9	38.9
229	20.9	17.4	26.0





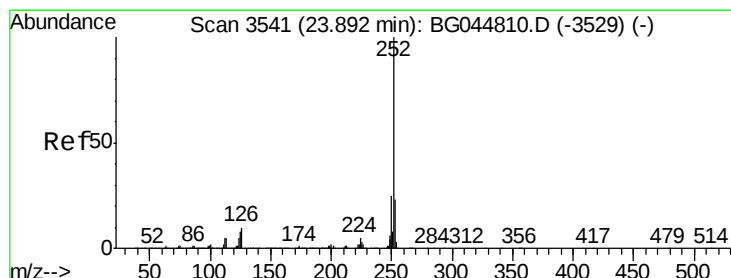
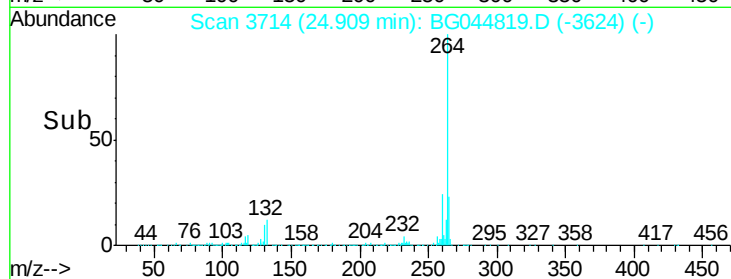
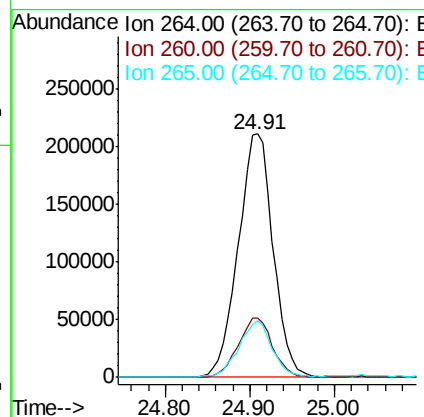
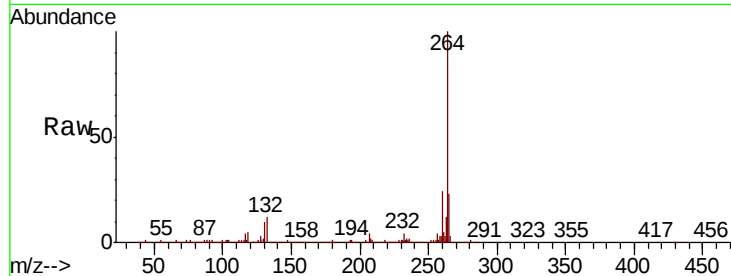
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Instrument :
BNA_G
ClientSampleId :
Z1-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.1	27.1
265	23.3	17.1	25.7

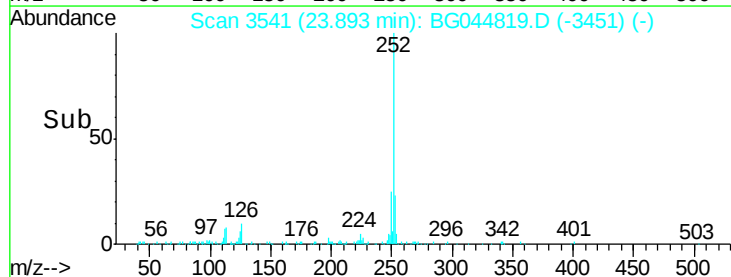
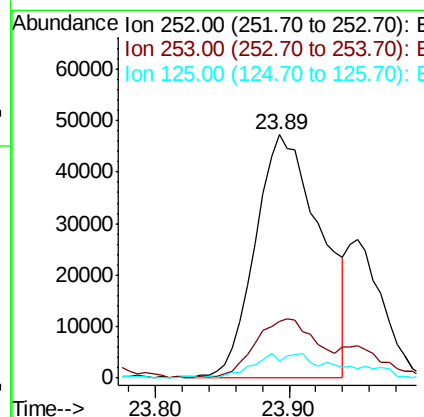
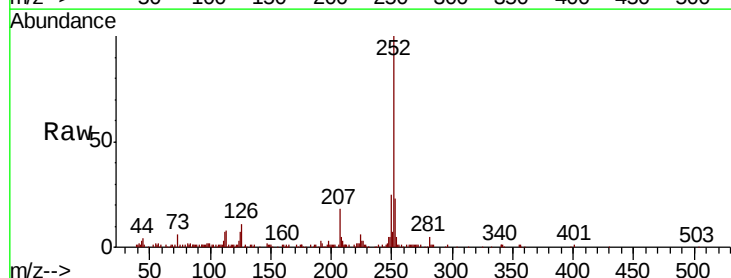
Manual Integrations
APPROVED

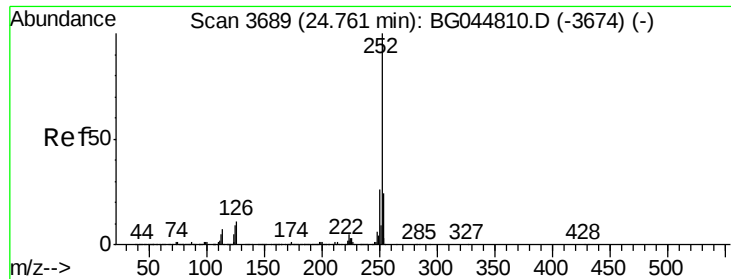
mohammad
3/18/2020 8:44:19 AM



#88
Benzo(b)fluoranthene
Concen: 4.060 ng
RT: 23.89 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG044819.D
Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	6.8	6.6	9.8





#90

Benzo(a)pyrene

Concen: 2.837 ng/mL

RT: 24.76 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG044819.D

Acq: 16 Mar 2020 18:58

Instrument :

BNA_G

ClientSampleId :

Z1-5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.2	19.4	29.0		
125	6.3	7.2	10.8		

Manual Integrations
APPROVED

mohammad
3/18/2020 8:44:19 AM

