

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044656.D
 Acq On : 3 Mar 2020 7:40
 Operator : CG/JU
 Sample : L1743-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Manual Integrations
 APPROVED

mohammad
 3/3/2020 12:28:52 PM

Quant Time: Mar 03 08:27:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71756m	20.00	ng	-0.07
21) Naphthalene-d8	10.61	136	318735	20.00	ng	-0.07
39) Acenaphthene-d10	14.45	164	210344	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	441078	20.00	ng	-0.06
76) Chrysene-d12	21.43	240	391235	20.00	ng	-0.07
87) Perylene-d12	24.45	264	436584	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	503575	112.60	ng	-0.07
7) Phenol-d6	6.98	99	669311	109.33	ng	-0.07
23) Nitrobenzene-d5	8.96	82	413160	66.78	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	266560	89.37	ng	-0.06
45) 2-Fluorobiphenyl	13.07	172	966969	65.83	ng	-0.06
79) Terphenyl-d14	19.82	244	1382329	66.89	ng	-0.06
Target Compounds						Qvalue
50) Dimethylphthalate	13.91	163	91733	5.403	ng	99
71) Phenanthrene	17.24	178	66006	2.703	ng	99
75) Fluoranthene	19.25	202	88063	3.046	ng	97
78) Pyrene	19.61	202	81577	2.872	ng	95

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

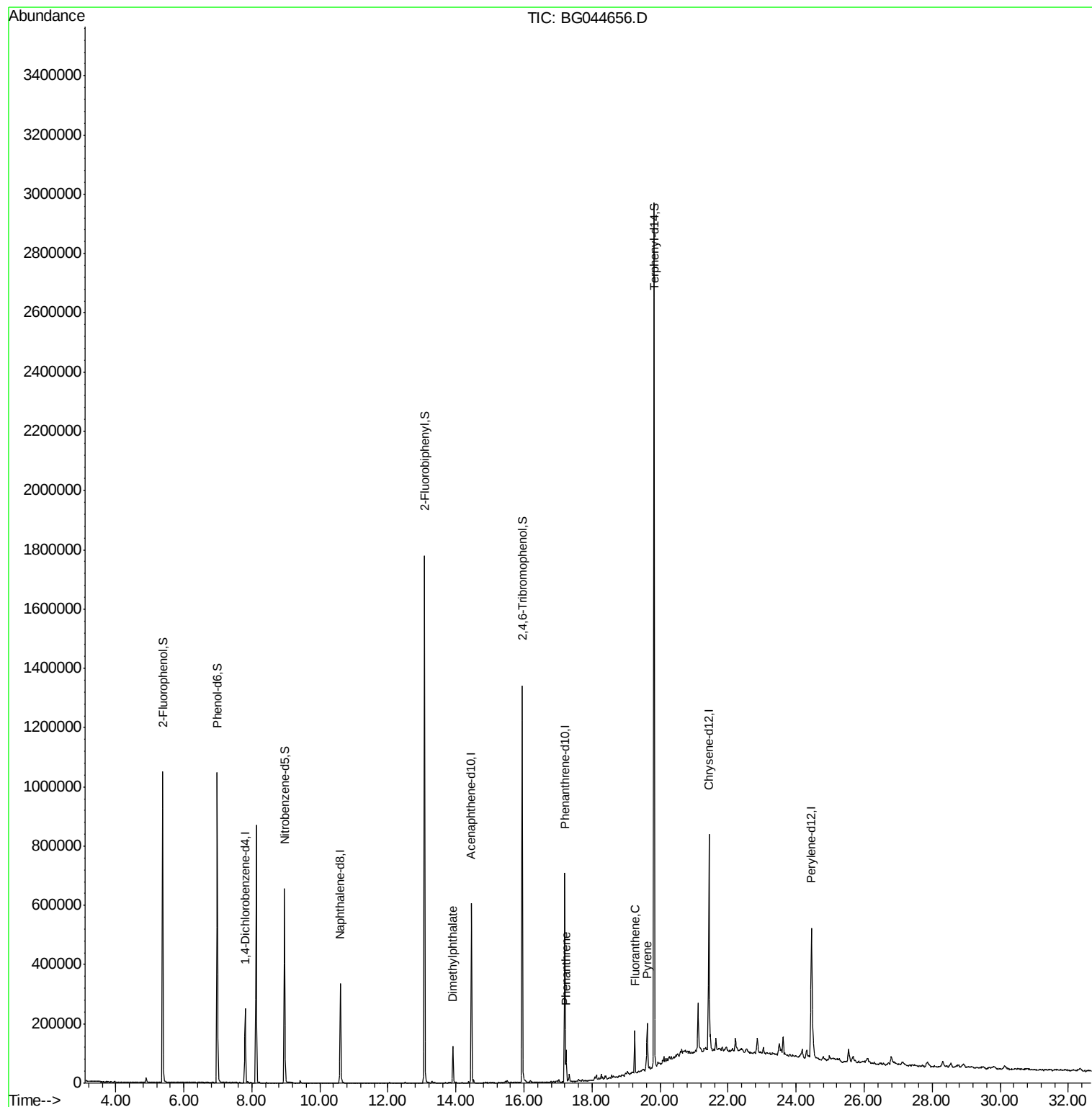
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
Data File : BG044656.D
Acq On : 3 Mar 2020 7:40
Operator : CG/JU
Sample : L1743-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

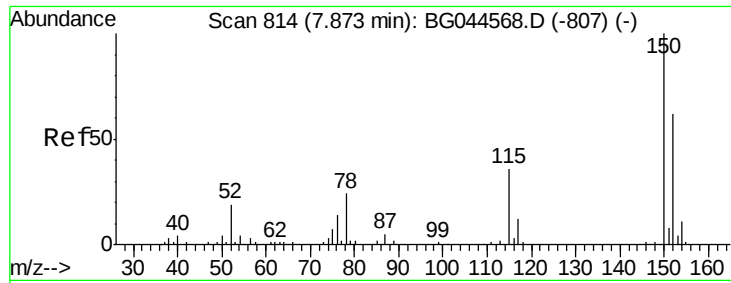
Instrument :
BNA_G
ClientSampleId :
C-4

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:52 PM

Quant Time: Mar 03 08:27:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration





#1

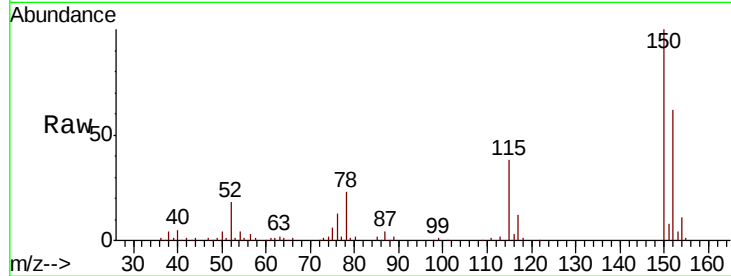
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 7.80 min Scan# 802
Delta R.T. -0.07 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Instrument :
BNA_G
ClientSampled :
C-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	128.9	193.3
115	61.9	47.0	70.4

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:52 PM

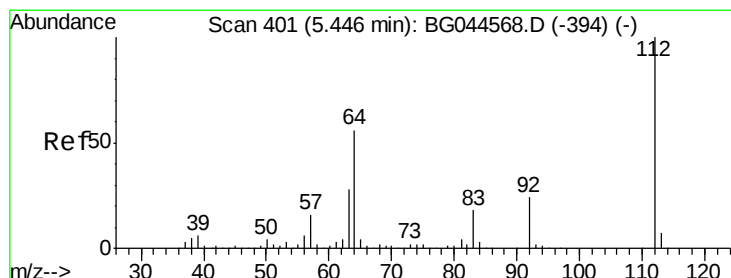
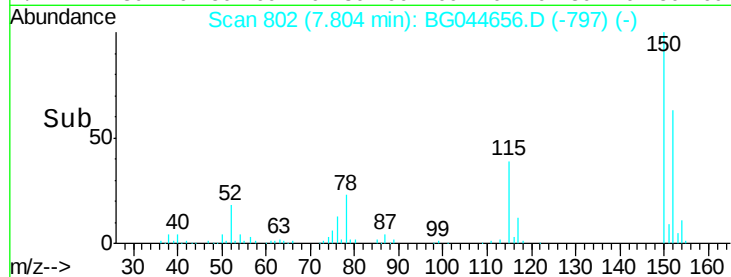
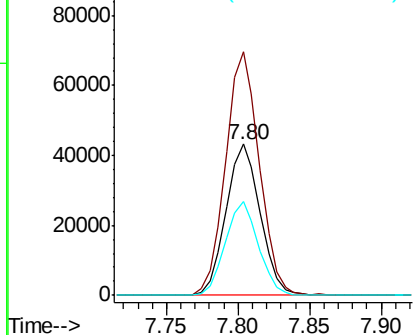


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

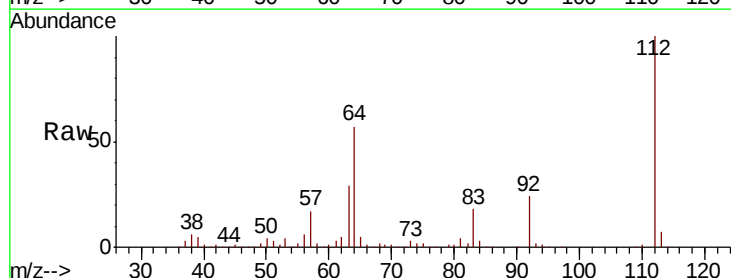
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.600 ng
RT: 5.38 min Scan# 389
Delta R.T. -0.07 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.8	67.2
63	29.2	22.3	33.5

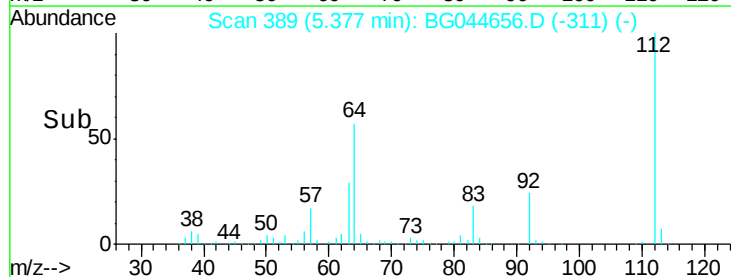
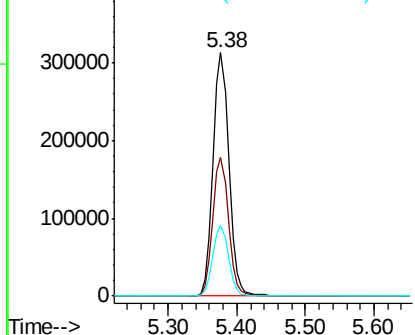


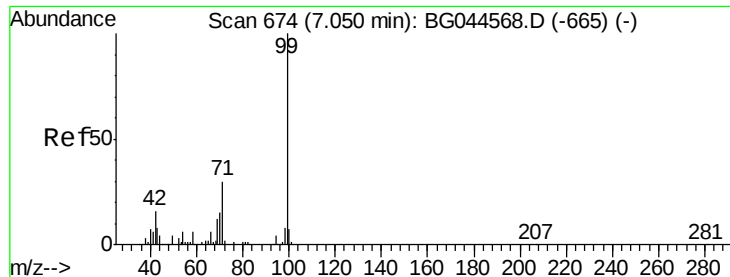
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.335 ng

RT: 6.98 min Scan# 662

Delta R.T. -0.07 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Instrument :

BNA_G

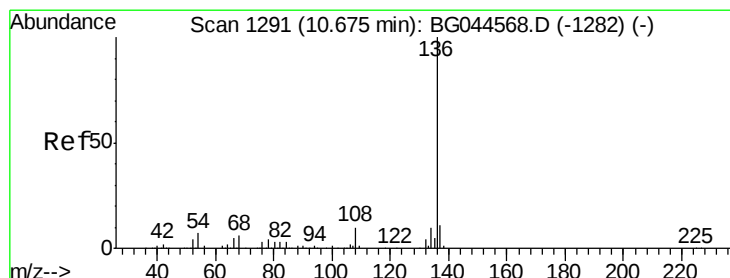
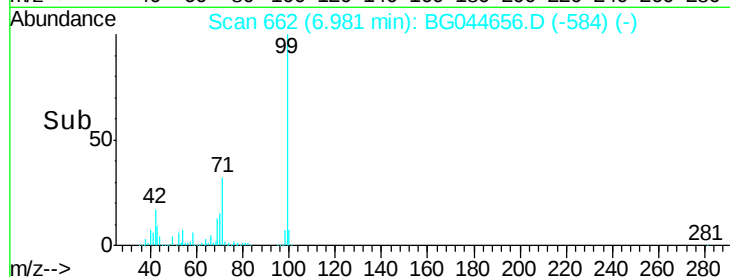
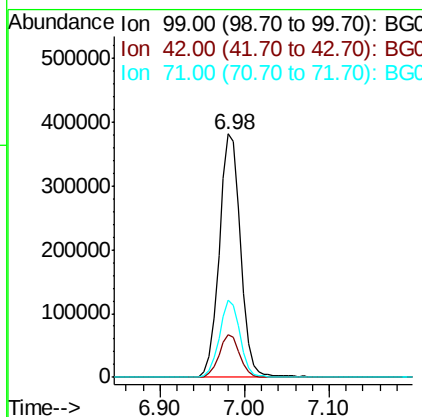
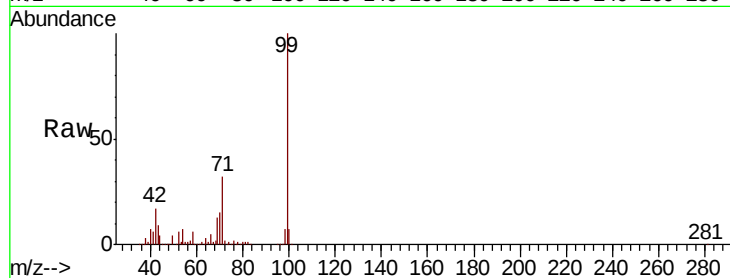
ClientSampled :

C-4

Tot Ion:	99	Resp:	669311
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.8	19.2
71	31.9	24.4	36.6

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:52 PM



#21

Naphthalene-d8

Concen: 20.000 ng

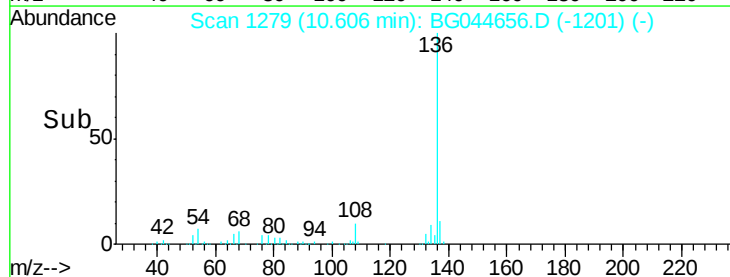
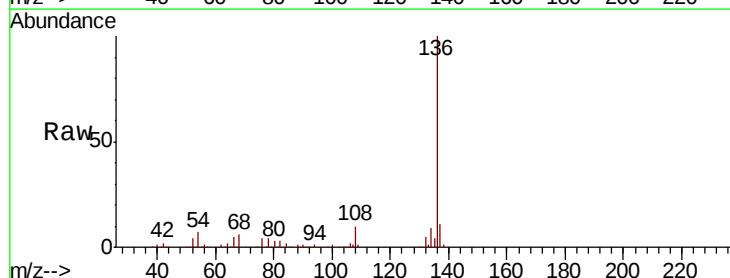
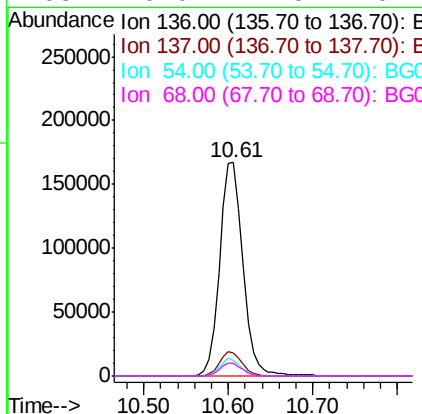
RT: 10.61 min Scan# 1279

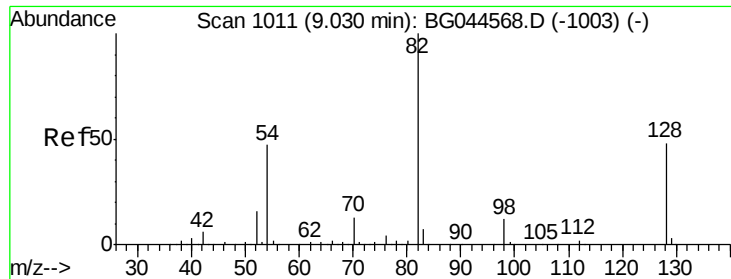
Delta R.T. -0.07 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Tgt Ion:	136	Resp:	318735
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.4	5.7	8.5
68	6.0	4.5	6.7





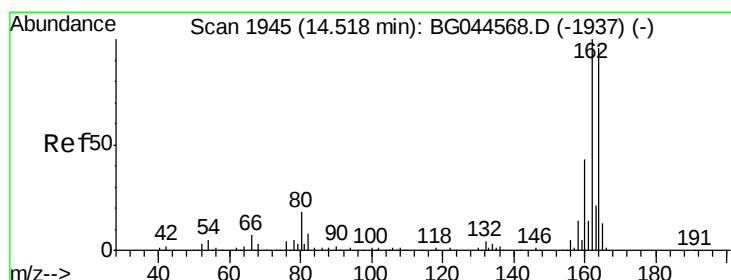
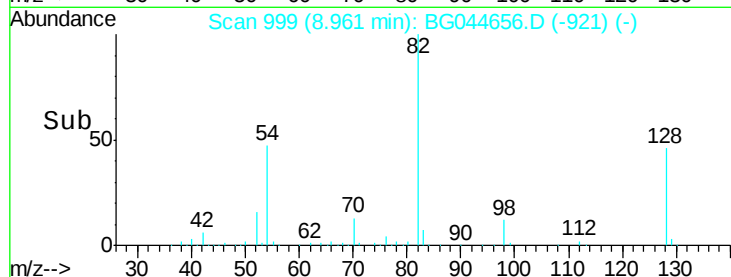
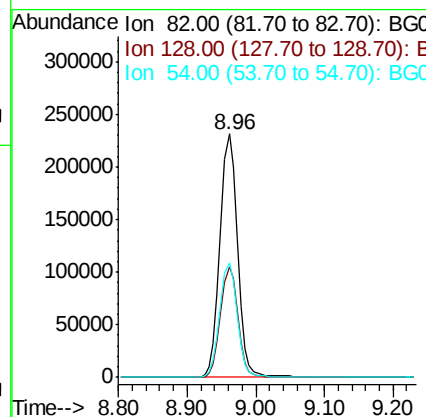
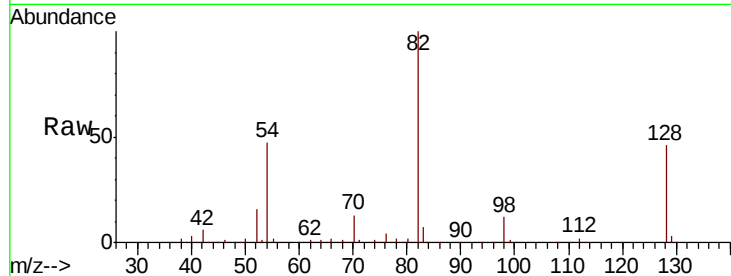
#23
 Nitrobenzene-d5
 Concen: 66.781 ng
 RT: 8.96 min Scan# 999
 Delta R.T. -0.07 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Tot Ion	82	Resp	413160
Ion Ratio	100	Lower	Upper
82	100		
128	45.6	38.1	57.1
54	47.1	37.5	56.3

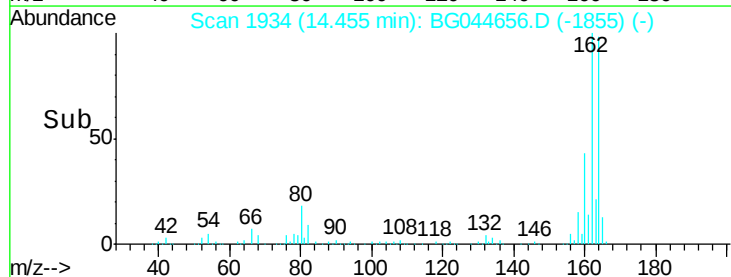
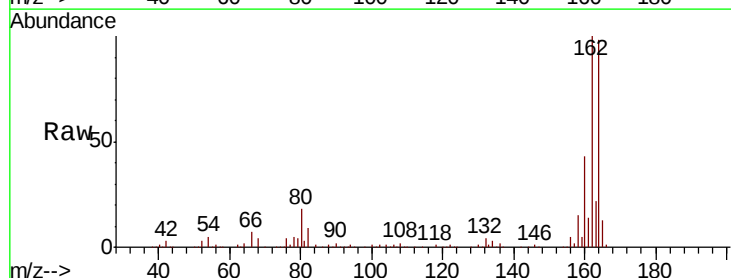
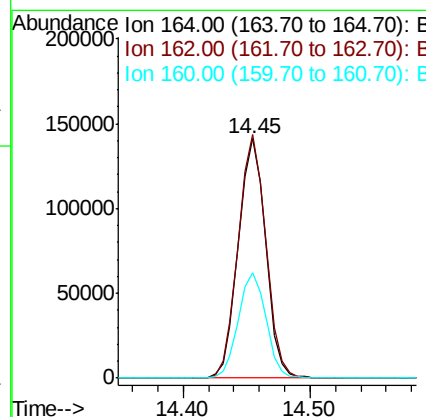
Manual Integrations
 APPROVED

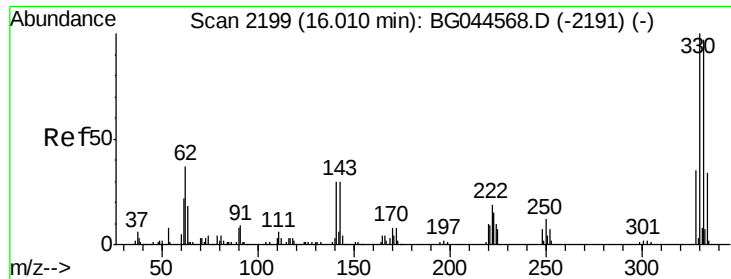
mohammad
 3/3/2020 12:28:52 PM



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.06 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Tgt Ion	164	Resp	210344
Ion Ratio	100	Lower	Upper
164	100		
162	101.8	83.6	125.4
160	43.9	36.2	54.4





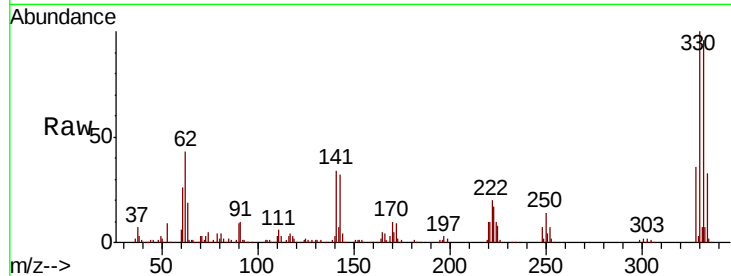
#42
 2,4,6-Tribromophenol
 Concen: 89.374 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.06 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Instrument :
 BNA_G
 ClientSampleId :
 C-4

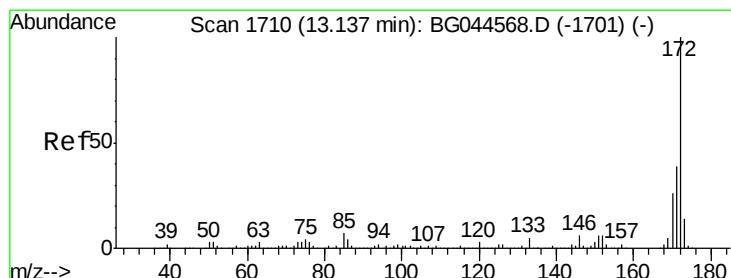
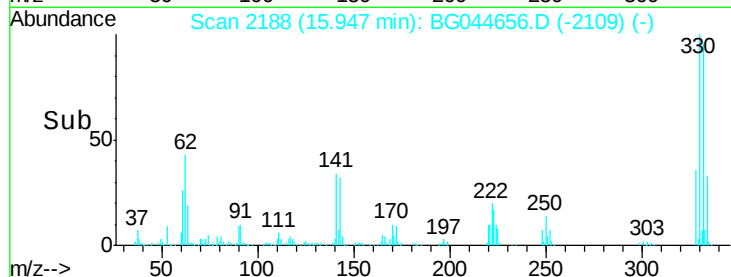
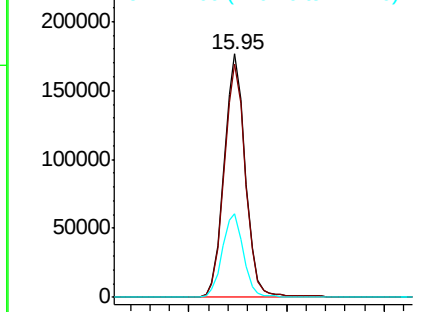
Tot Ion	Ratio	Resp	Lower	Upper
330	100	266560		
332	96.8	77.4	116.0	
141	34.6	26.1	39.1	

Manual Integrations
 APPROVED

mohammad
 3/3/2020 12:28:52 PM

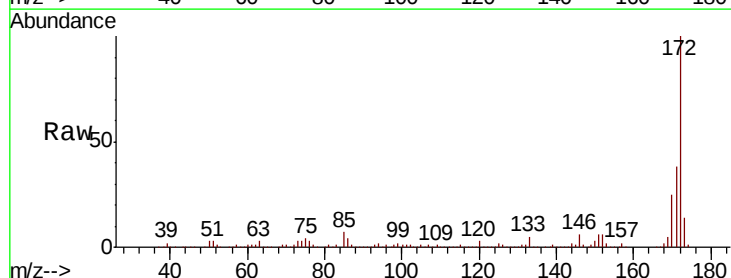


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

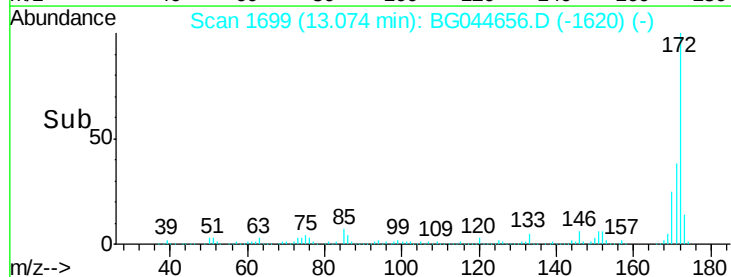
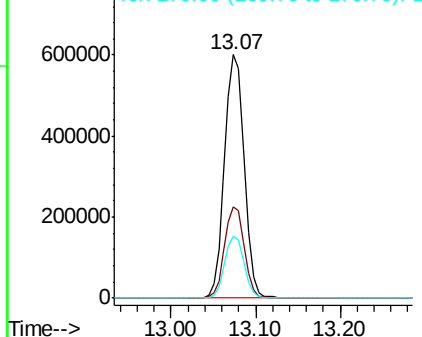


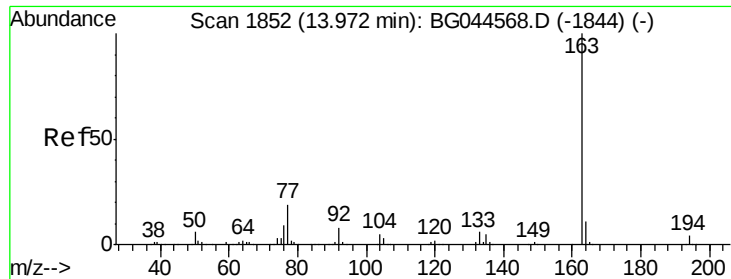
#45
 2-Fluorobiphenyl
 Concen: 65.830 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. -0.06 min
 Lab File: BG044656.D
 Acq: 3 Mar 2020 7:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	966969		
171	37.8	31.3	46.9	
170	25.4	21.0	31.4	



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





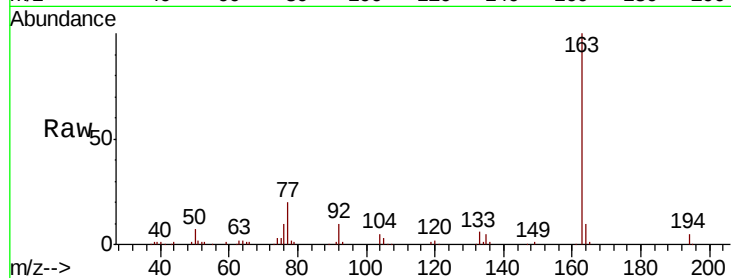
#50
Dimethylphthalate
Concen: 5.403 ng
RT: 13.91 min Scan# 1841
Delta R.T. -0.06 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Instrument :
BNA_G
ClientSampled :
C-4

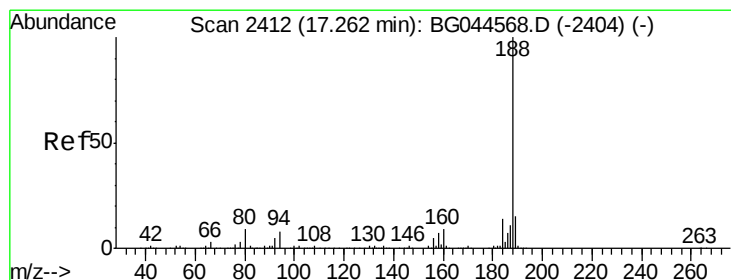
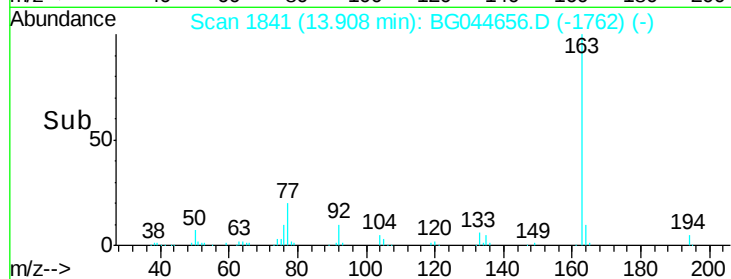
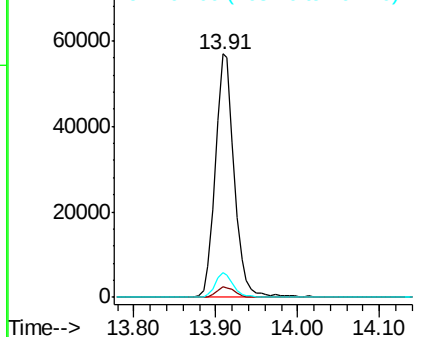
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	10.4	8.7	13.1

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:52 PM

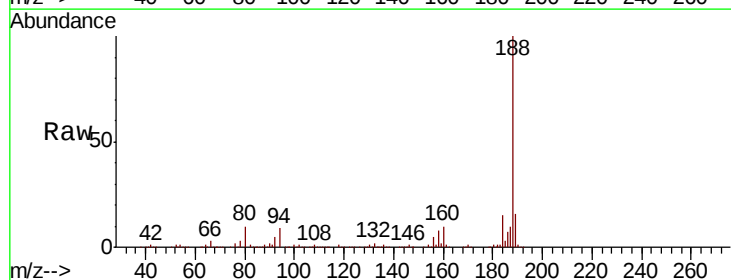


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

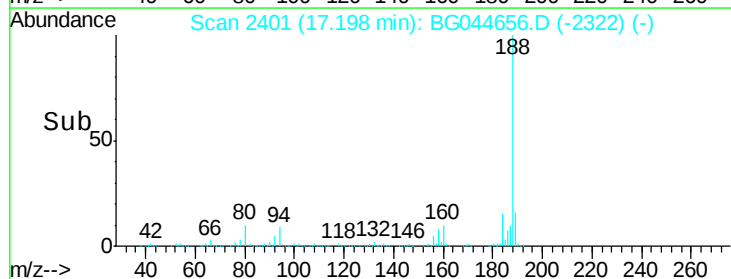
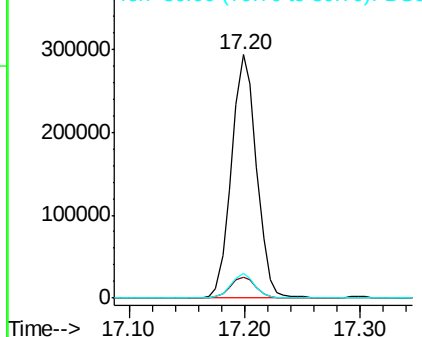


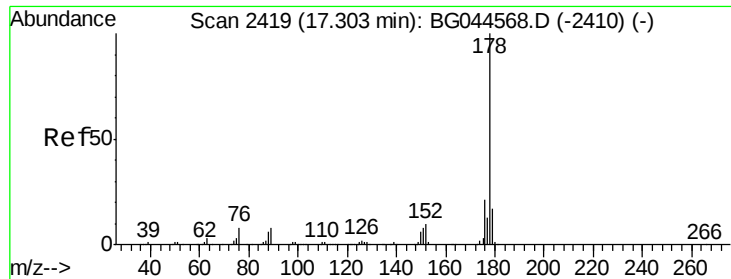
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2401
Delta R.T. -0.06 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	10.0	7.6	11.4



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





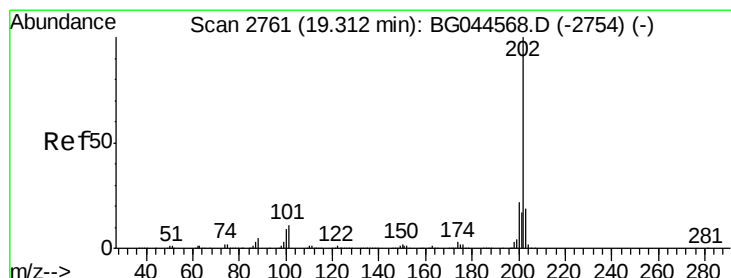
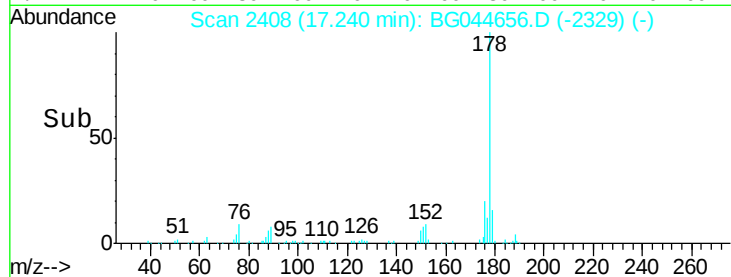
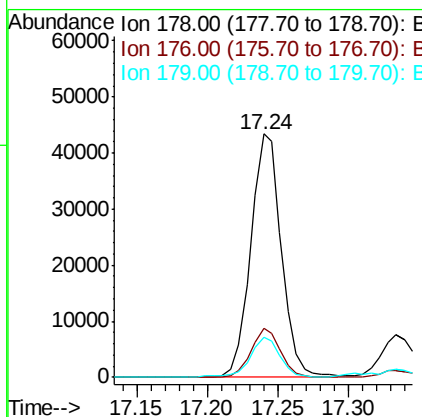
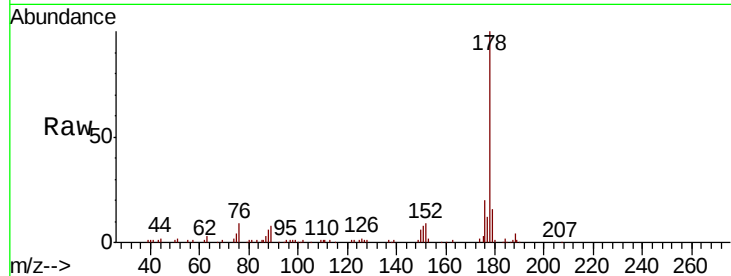
#71
Phenanthrene
Concen: 2.703 ng
RT: 17.24 min Scan# 2408
Delta R.T. -0.06 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Instrument :
BNA_G
ClientSampleId :
C-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	16.3	13.3	19.9

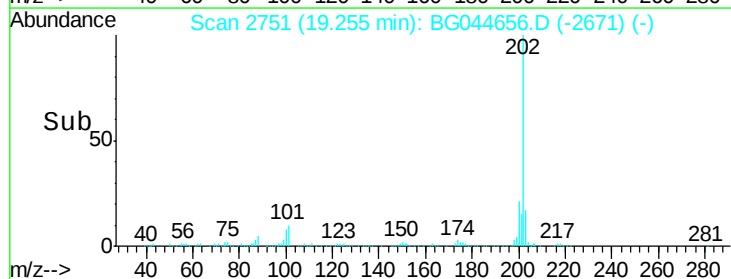
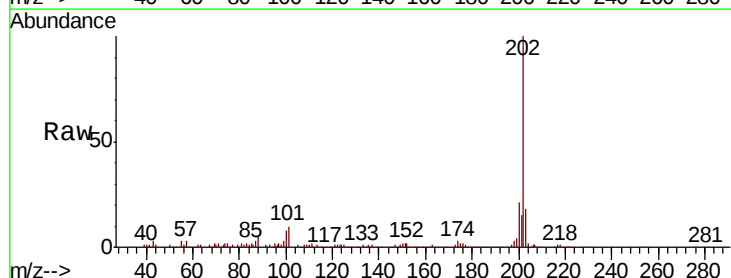
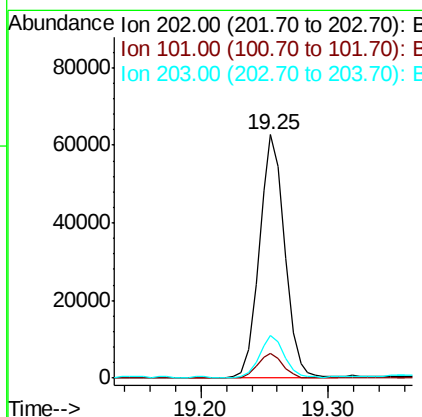
Manual Integrations
APPROVED

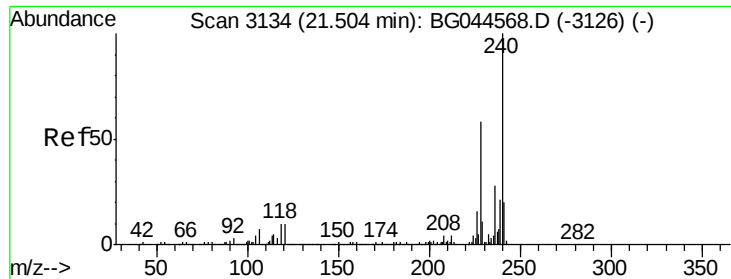
mohammad
3/3/2020 12:28:52 PM



#75
Fluoranthene
Concen: 3.046 ng
RT: 19.25 min Scan# 2751
Delta R.T. -0.06 min
Lab File: BG044656.D
Acq: 3 Mar 2020 7:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.0
203	17.5	0.0	39.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.43 min Scan# 3122

Delta R.T. -0.07 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Instrument :

BNA_G

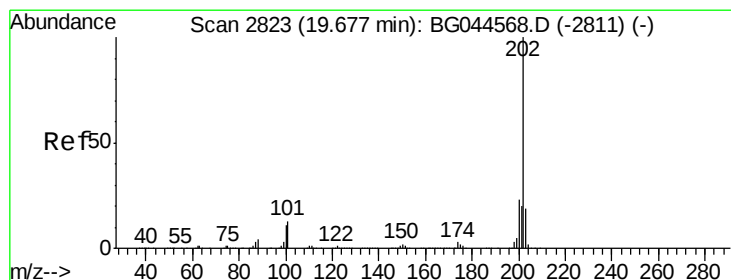
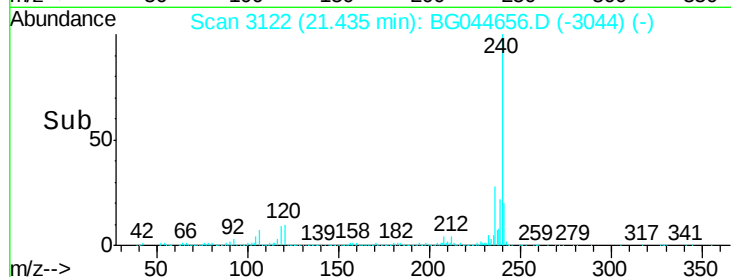
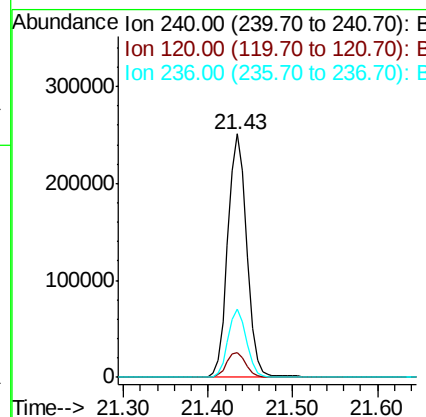
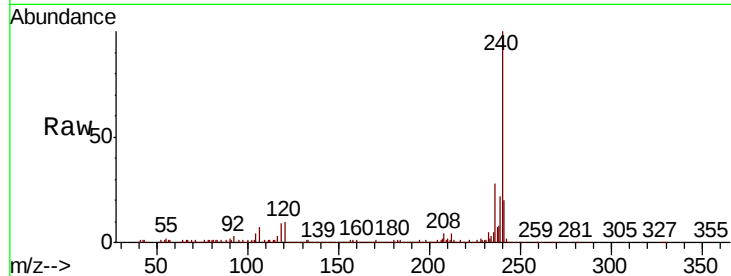
ClientSampleId :

C-4

Tot Ion:	240	Resp:	391235
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.3	12.5
236	28.1	22.3	33.5

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:52 PM



#78

Pyrene

Concen: 2.872 ng

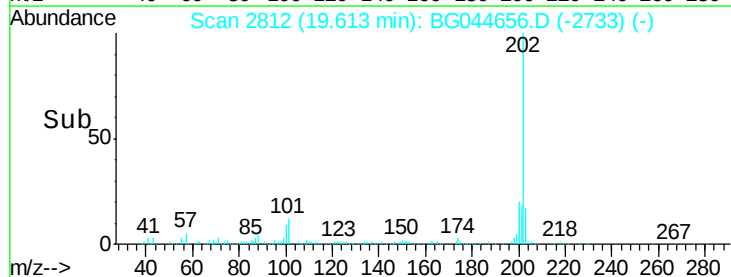
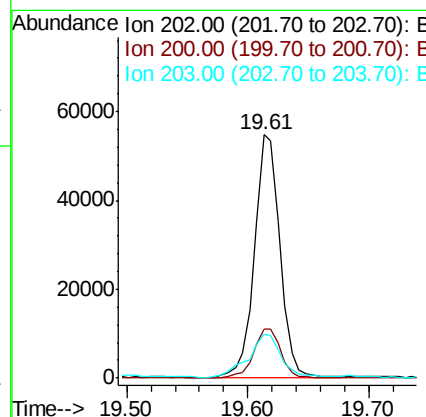
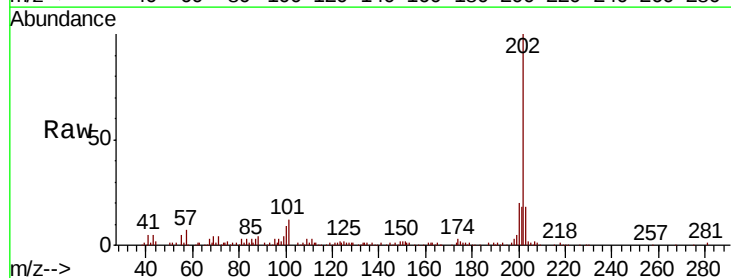
RT: 19.61 min Scan# 2812

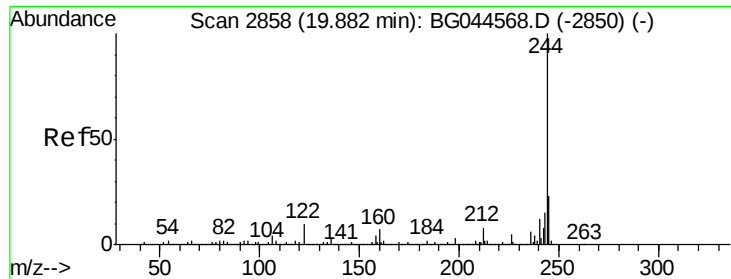
Delta R.T. -0.06 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Tgt Ion:	202	Resp:	81577
Ion Ratio	Lower	Upper	
202	100		
200	20.0	18.6	28.0
203	17.9	15.3	22.9





#79

Terphenyl-d14

Concen: 66.887 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

Instrument :

BNA_G

ClientSampled :

C-4

Tot Ion:244 Resp: 1382329

Ion Ratio Lower Upper

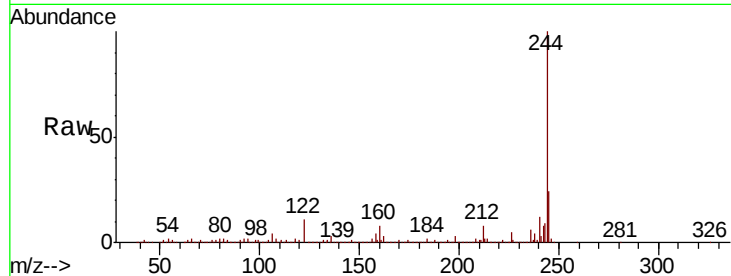
244 100

212 8.4 6.5 9.7

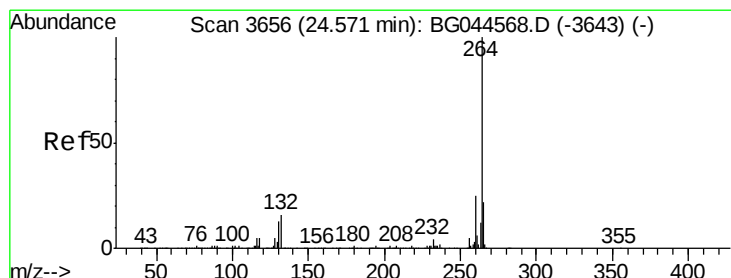
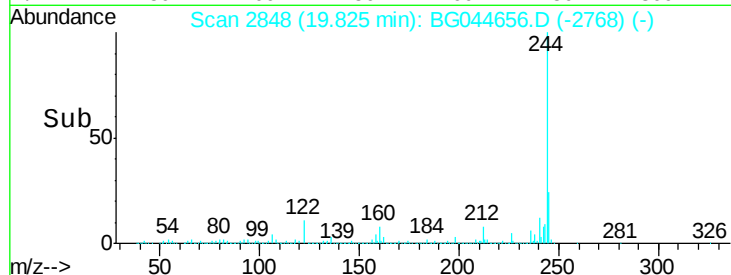
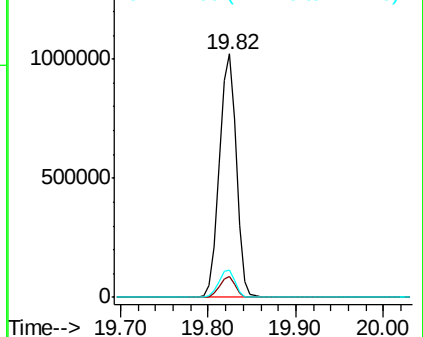
122 11.1 8.2 12.4

Manual Integrations
APPROVED

mohammad
3/3/2020 12:28:52 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.45 min Scan# 3635

Delta R.T. -0.12 min

Lab File: BG044656.D

Acq: 3 Mar 2020 7:40

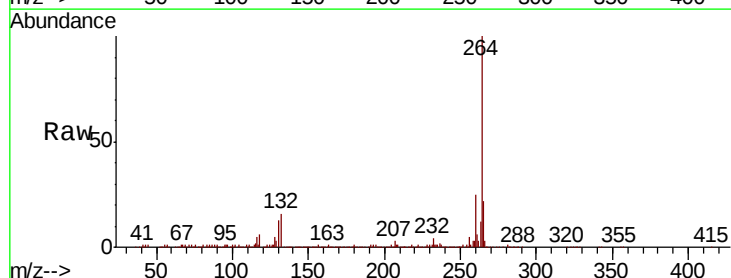
Tgt Ion:264 Resp: 436584

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 21.9 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

