

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042049.D
 Acq On : 8 Aug 2019 3:12
 Operator : HP/JU
 Sample : K4029-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW0

Manual Integrations
 APPROVED

mohammad
 8/9/2019 4:30:38 PM

Quant Time: Aug 08 04:11:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 01:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	91702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	376616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	265109	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	555338	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	543744	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	649087	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	6987	3.33	ng/uL	0.00
5) Phenol-d5	7.17	99	119582	16.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	80429	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	125124	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	85317	14.12	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	69840	24.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	84921	25.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	147783	22.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	130772	17.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	511505	24.88	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	583377	24.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	33696	9.76	ng/ul	0.00
57) Fluorene-d10	15.68	176	458487	25.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	55742	15.64	ng/ul	0.00
70) Anthracene-d10	17.54	188	703498	26.40	ng/ul	0.00
78) Pyrene-d10	19.82	212	761360	25.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	873551	25.76	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.20	94	15042	2.025	ng/ul 97
44) Dimethylphthalate	14.13	163	212291	10.399	ng/ul 98
69) Phenanthrene	17.48	178	143212	4.711	ng/ul 99
76) Fluoranthene	19.49	202	277251	7.893	ng/ul 97
79) Pyrene	19.85	202	277542	7.588	ng/ul 96
82) Benzo(a)anthracene	21.70	228	167642	4.447	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.62	149	20649	1.051	ng/ul# 96
84) Chrysene	21.77	228	172038	4.889	ng/ul 97
87) Benzo(b)fluoranthene	23.96	252	217498	5.340	ng/ul 97
88) Benzo(k)fluoranthene	24.01	252	64192m	1.639	ng/ul
90) Benzo(a)pyrene	24.83	252	154674	3.985	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.71	276	100825	2.227	ng/ul 97
93) Benzo(g,h,i)perylene	29.87	276	77965	2.063	ng/ul 100

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

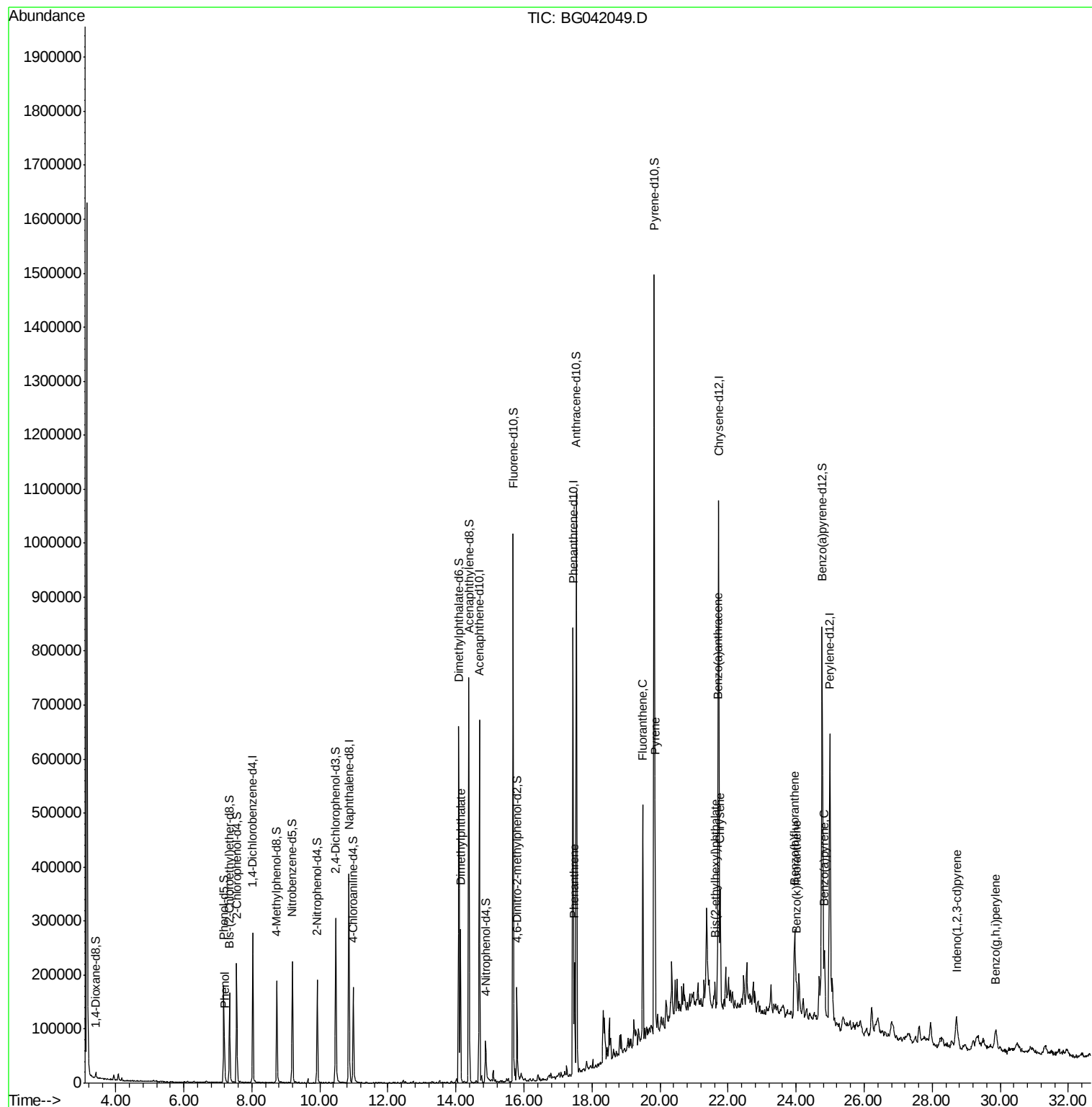
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042049.D
Acq On : 8 Aug 2019 3:12
Operator : HP/JU
Sample : K4029-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

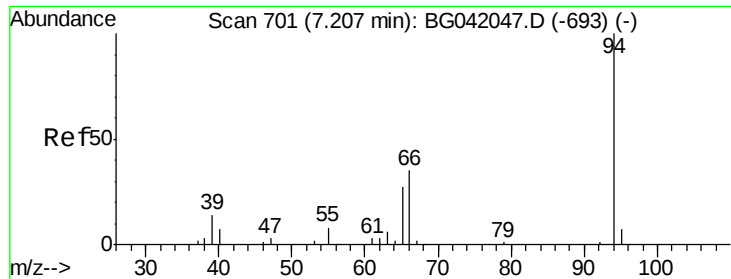
Instrument :
BNA_G
ClientSampleId :
BENW0

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:38 PM

Quant Time: Aug 08 04:11:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.025 ng/ul

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

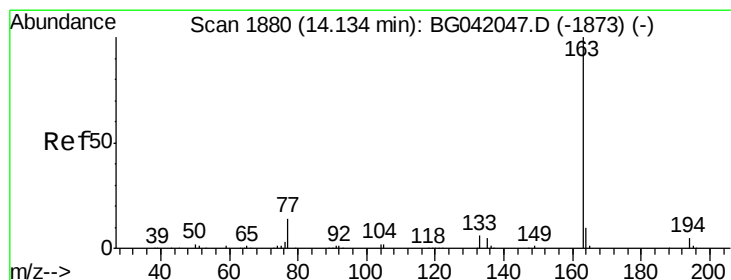
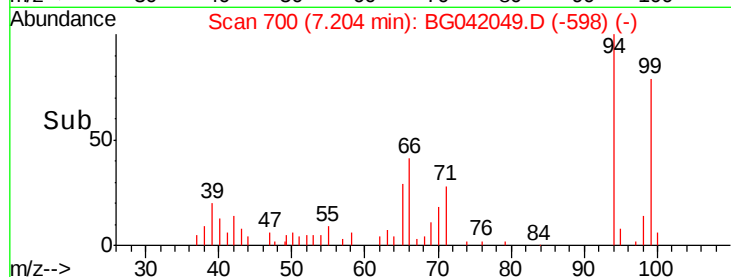
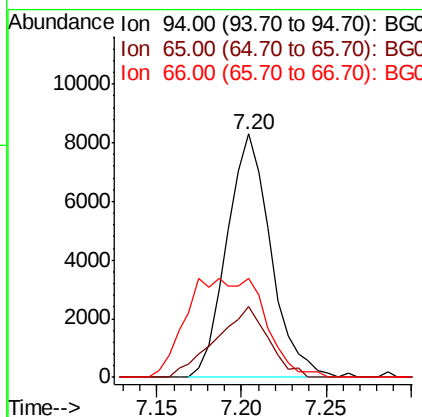
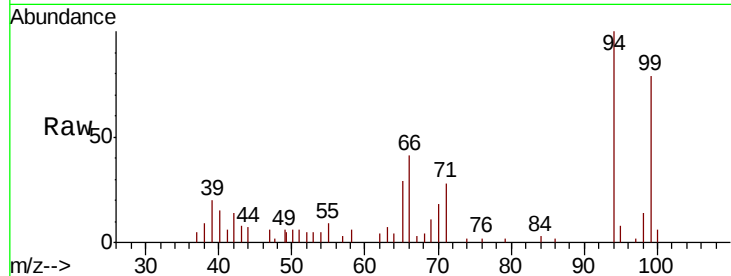
ClientSampleId :

BENW0

Tot Ion:	94	Resp:	15042
Ion	Ratio	Lower	Upper
94	100		
65	28.9	25.8	38.6
66	40.6	31.8	47.8

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:38 PM



#44

Dimethylphthalate

Concen: 10.399 ng/ul

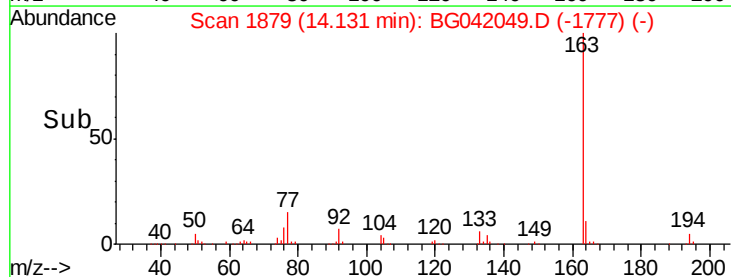
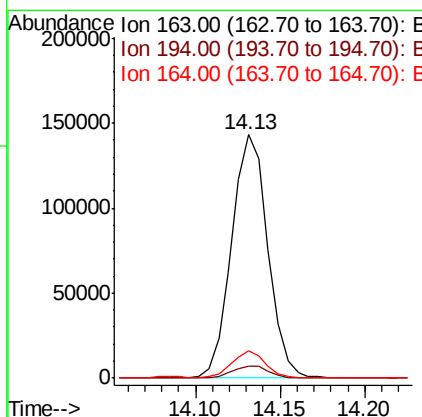
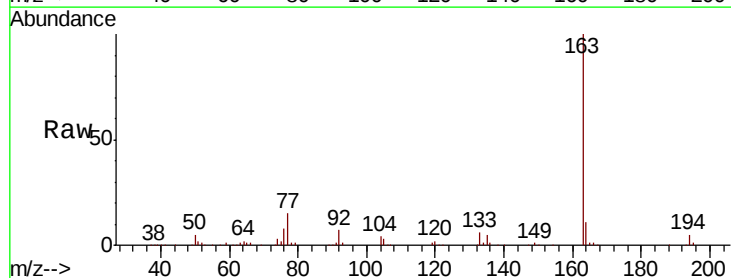
RT: 14.13 min Scan# 1879

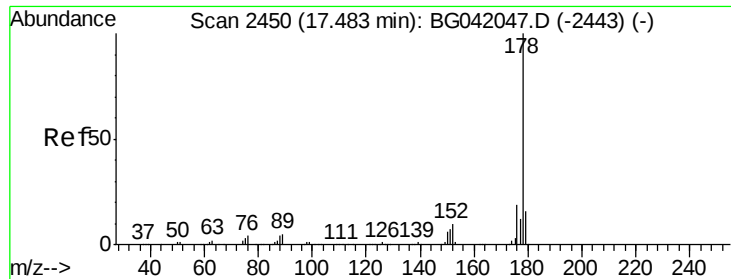
Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Tgt Ion:	163	Resp:	212291
Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.0	7.8	11.8





#69

Phenanthrene

Concen: 4.711 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

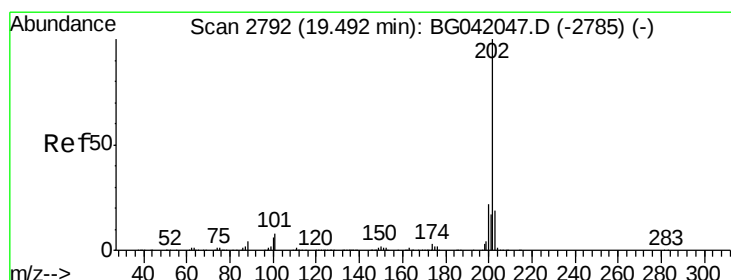
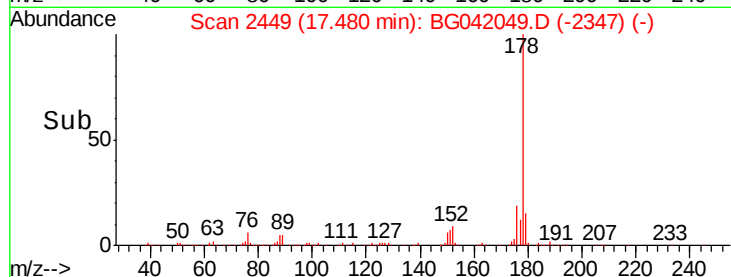
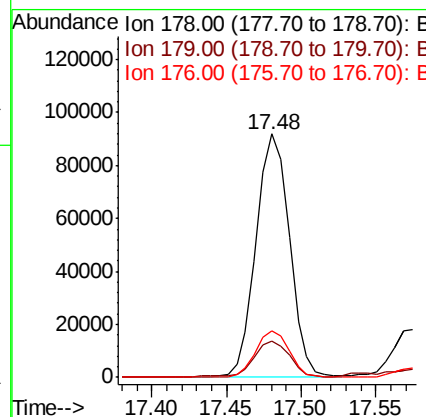
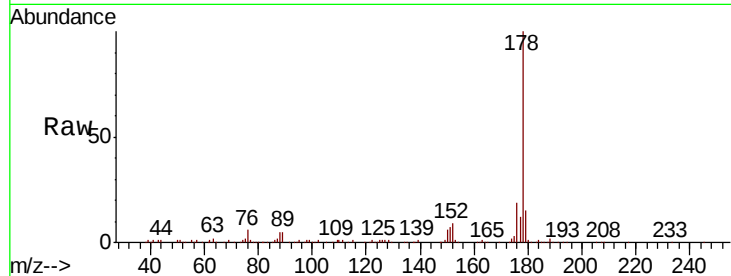
ClientSampleId :

BENW0

Tot Ion:	178	Resp:	143212
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.8	19.2
176	19.1	15.4	23.2

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:38 PM



#76

Fluoranthene

Concen: 7.893 ng/ul

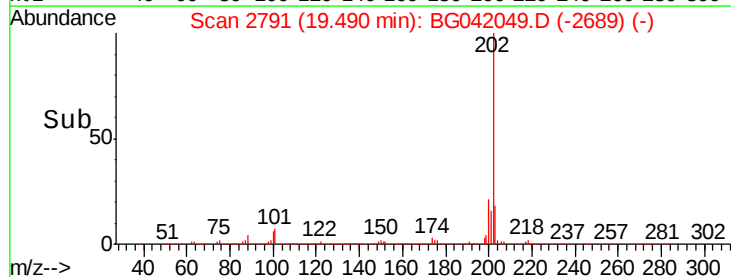
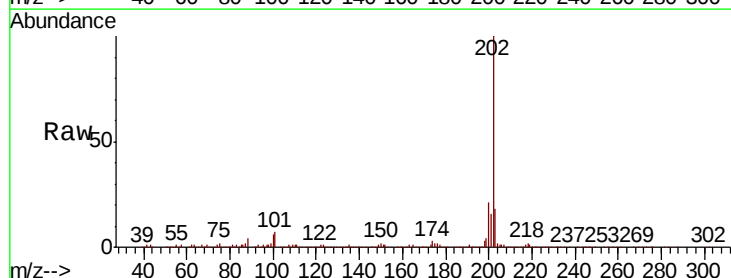
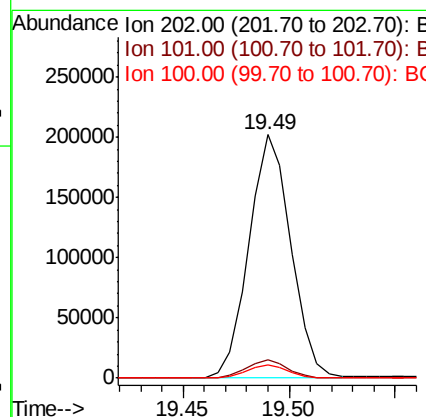
RT: 19.49 min Scan# 2791

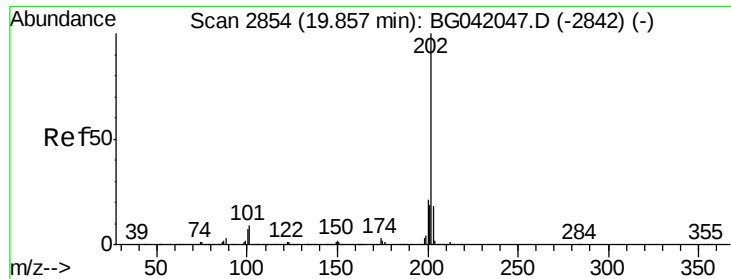
Delta R.T. -0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Tgt Ion:	202	Resp:	277251
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.7	10.1
100	5.5	5.3	7.9





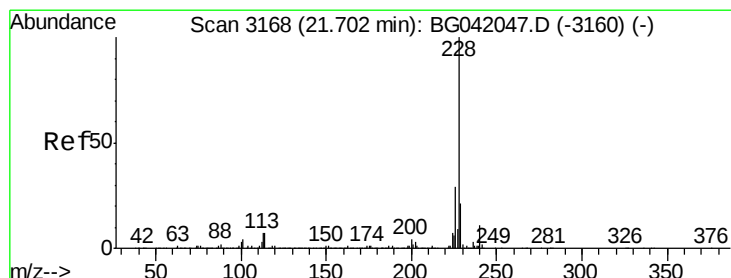
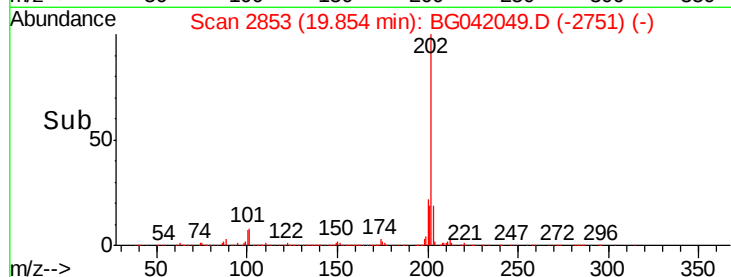
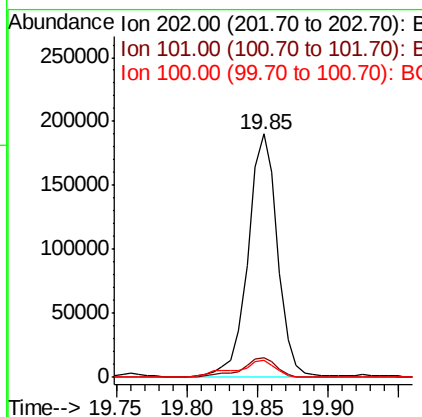
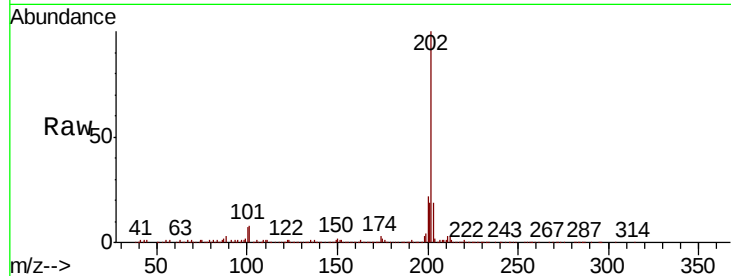
#79
Pvrene
Concen: 7.588 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042049.D
Acq: 8 Aug 2019 3:12

Instrument :
BNA_G
ClientSampled :
BENW0

Tot Ion:	202	Resp:	277542
Ion Ratio	Lower	Upper	
202	100		
101	8.0	7.6	11.4
100	6.8	6.5	9.7

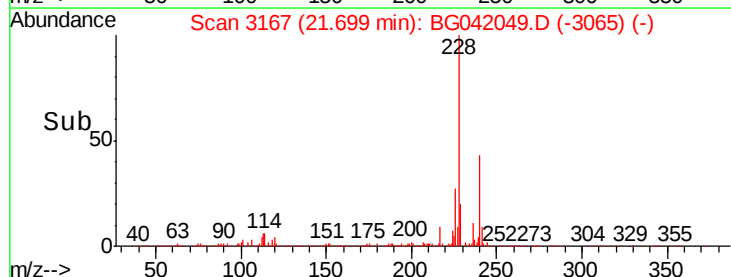
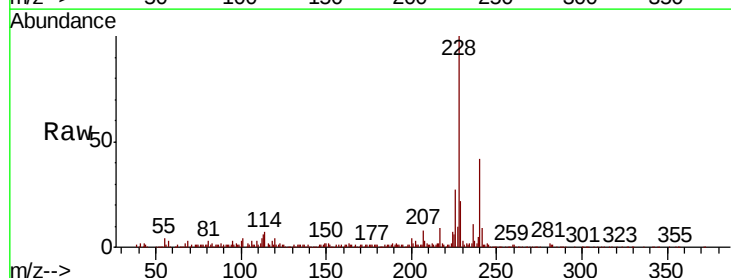
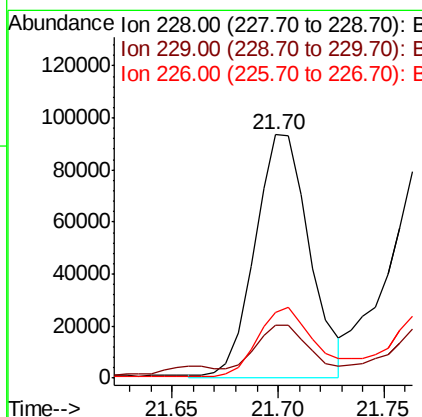
Manual Integrations
APPROVED

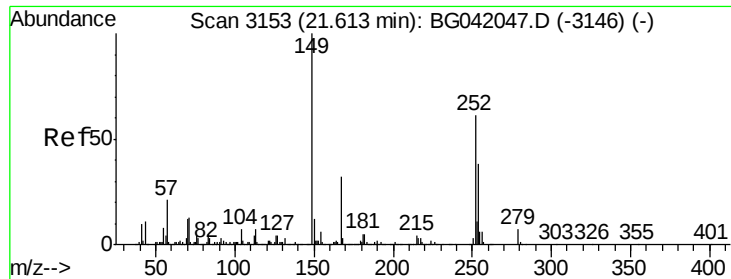
mohammad
8/9/2019 4:30:38 PM



#82
Benzo(a)anthracene
Concen: 4.447 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042049.D
Acq: 8 Aug 2019 3:12

Tgt Ion:	228	Resp:	167642
Ion Ratio	Lower	Upper	
228	100		
229	22.0	17.0	25.6
226	27.2	23.3	34.9





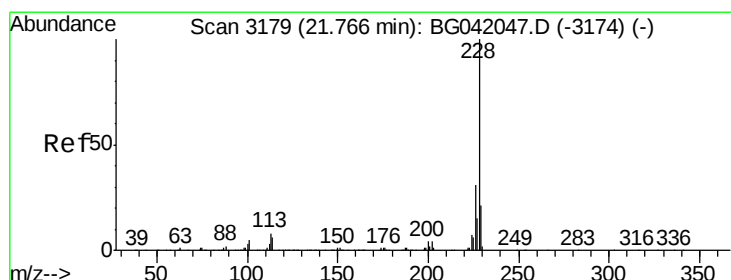
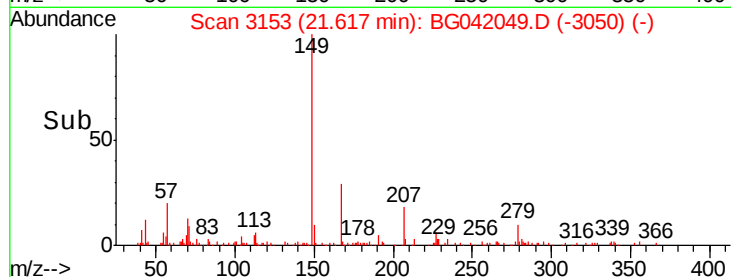
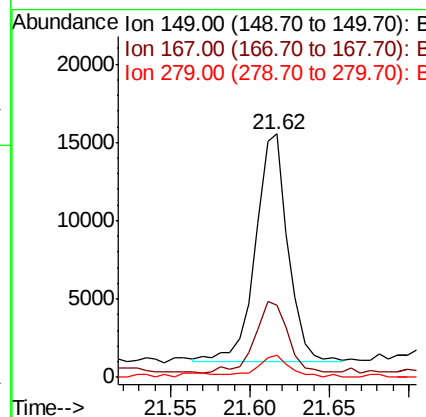
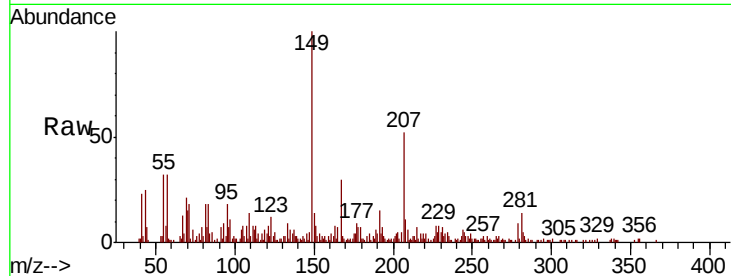
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.051 ng/ul
 RT: 21.62 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042049.D
 Acq: 8 Aug 2019 3:12

Instrument :
 BNA_G
 ClientSampleId :
 BENW0

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	25.0	37.4
279	8.9	5.2	7.8

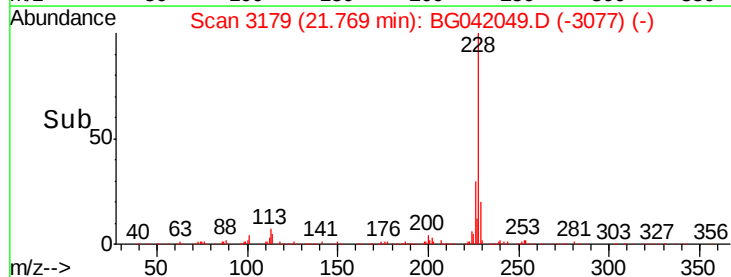
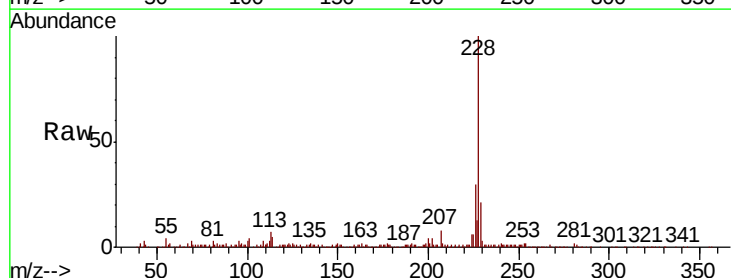
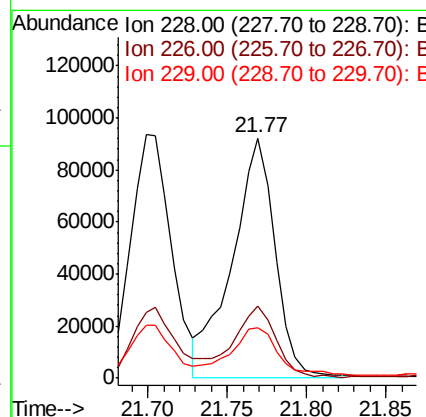
Manual Integrations
 APPROVED

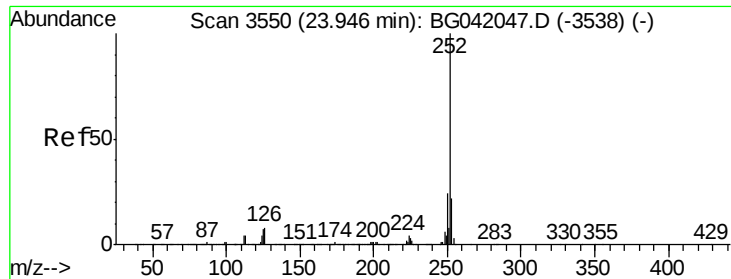
mohammad
 8/9/2019 4:30:38 PM



#84
 Chrysene
 Concen: 4.889 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG042049.D
 Acq: 8 Aug 2019 3:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.7	38.5
229	21.2	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 5.340 ng/ul

RT: 23.96 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

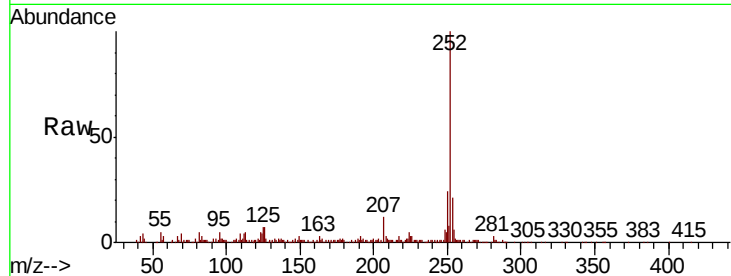
ClientSampleId :

BENW0

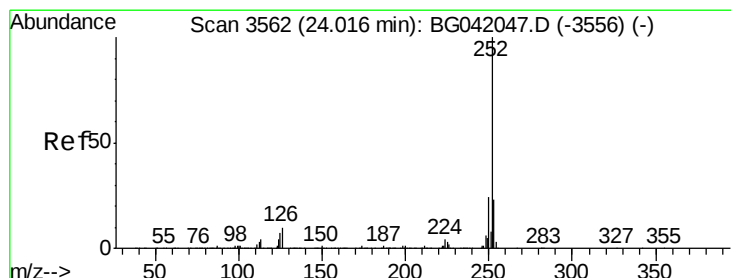
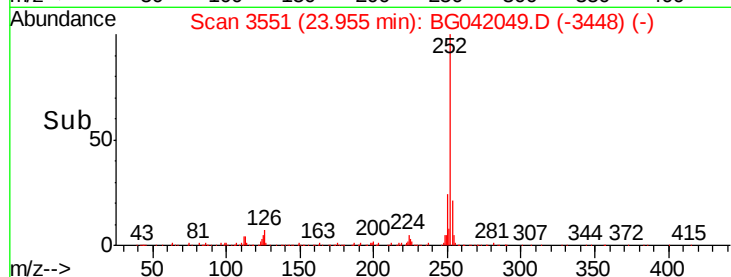
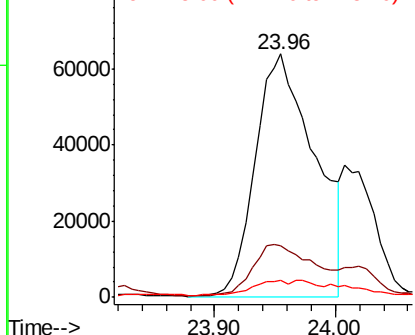
Tot Ion:	252	Resp:	217498
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.4	27.6
125	7.0	5.8	8.8

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:38 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



#88

Benzo(k)fluoranthene

Concen: 1.639 ng/ul m

RT: 24.01 min Scan# 3560

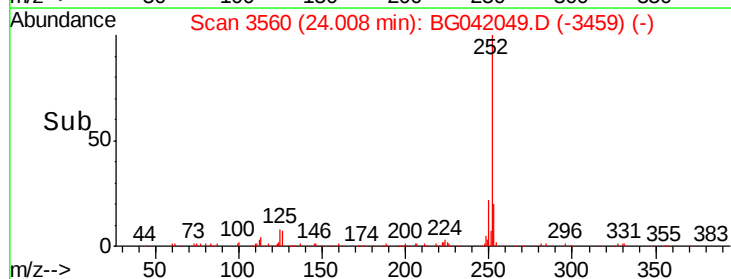
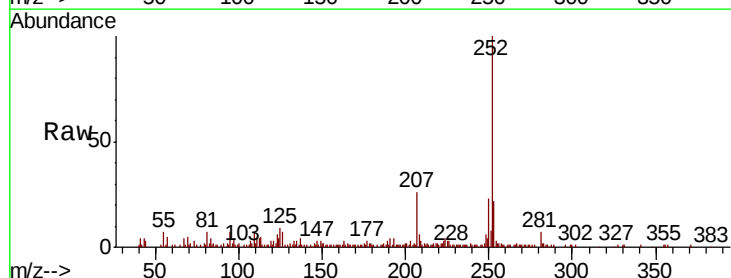
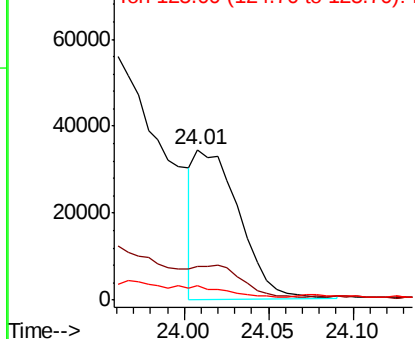
Delta R.T. -0.01 min

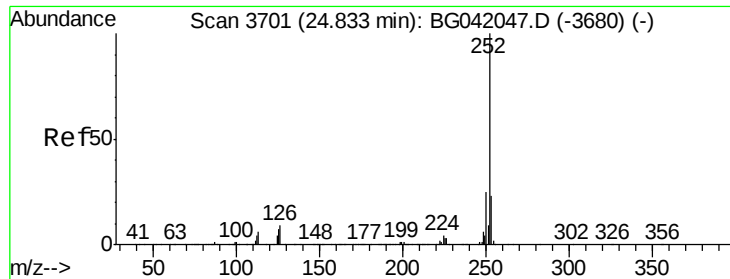
Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Tgt Ion:	252	Resp:	64192
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.3	27.5
125	9.5	5.5	8.3#

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





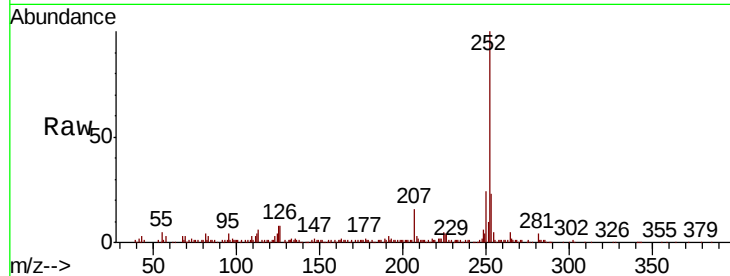
#90
Benzo(a)pyrene
Concen: 3.985 ng/ul
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG042049.D
Acq: 8 Aug 2019 3:12

Instrument :
BNA_G
ClientSampleId :
BENW0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	8.1	6.5	9.7

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:38 PM

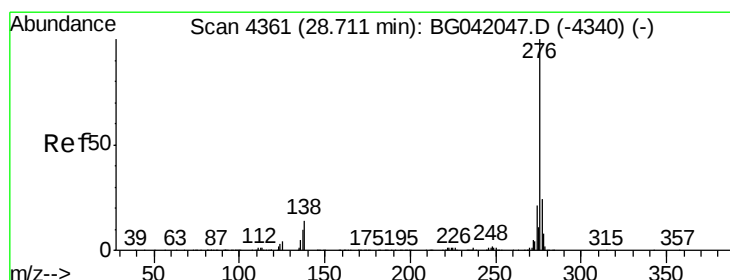
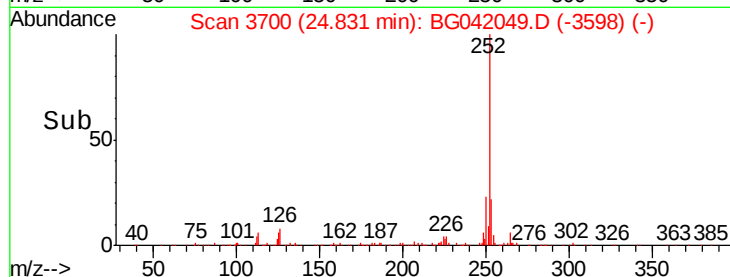
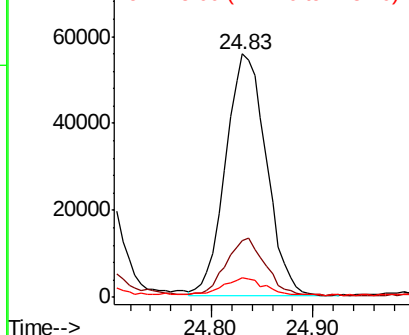


Abundance

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



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.227 ng/ul
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042049.D
Acq: 8 Aug 2019 3:12

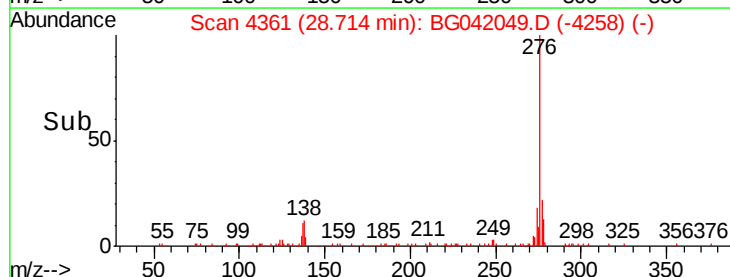
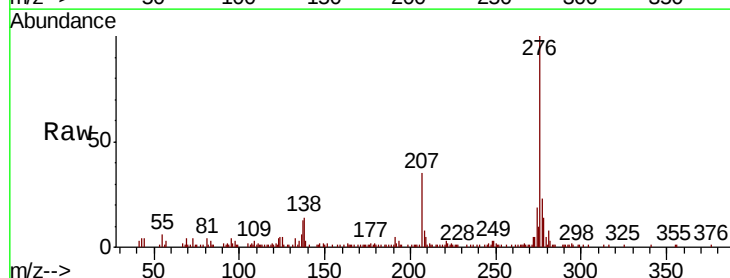
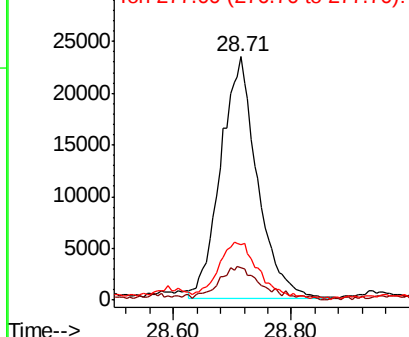
Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	12.0	18.0
277	22.6	19.2	28.8

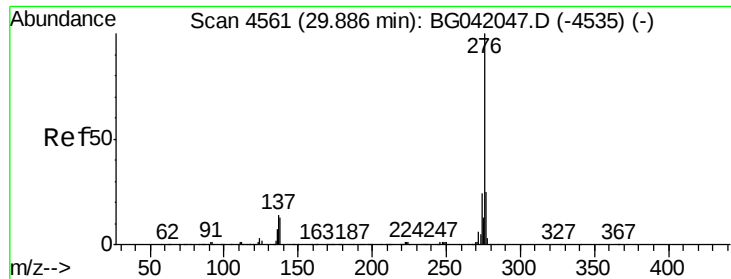
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.063 ng/ul

RT: 29.87 min Scan# 4557

Delta R.T. -0.01 min

Lab File: BG042049.D

Acq: 8 Aug 2019 3:12

Instrument :

BNA_G

ClientSampleId :

BENW0

Tot Ion:	276	Resp:	77965
Ion Ratio	Lower	Upper	
276	100		
138	15.8	12.6	18.8
277	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/9/2019 4:30:38 PM

