

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042088.D
 Acq On : 9 Aug 2019 5:41
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JLLE8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:16:21 AM

Quant Time: Aug 09 16:32:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	80725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	340430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	242999	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	522687	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	512883	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	593381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5718	3.10	ng/uL	0.00
5) Phenol-d5	7.18	99	120099	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	64652	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	109066	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	89088	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	55679	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	67893	22.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	125991	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	115026	17.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	401034	21.28	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	478409	22.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	42031	13.28	ng/ul	0.00
57) Fluorene-d10	15.68	176	361470	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	55504	16.55	ng/ul	0.00
70) Anthracene-d10	17.54	188	559577	22.31	ng/ul	0.00
78) Pyrene-d10	19.82	212	639102	22.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	698164	22.52	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.20	94	19267	2.946 ng/ul	96
44) Dimethylphthalate	14.13	163	114106	6.098 ng/ul	98
69) Phenanthrene	17.48	178	64528	2.255 ng/ul	100
76) Fluoranthene	19.49	202	121103	3.663 ng/ul	98
79) Pyrene	19.85	202	123247	3.572 ng/ul	97
82) Benzo(a)anthracene	21.70	228	73068	2.055 ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.61	149	233628	12.610 ng/ul	99
84) Chrysene	21.77	228	69175	2.084 ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	106531	2.861 ng/ul	96
90) Benzo(a)pyrene	24.83	252	90697	2.556 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.70	276	60593	1.464 ng/ul	94
93) Benzo(g,h,i)perylene	29.87	276	65288m	1.889 ng/ul	

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

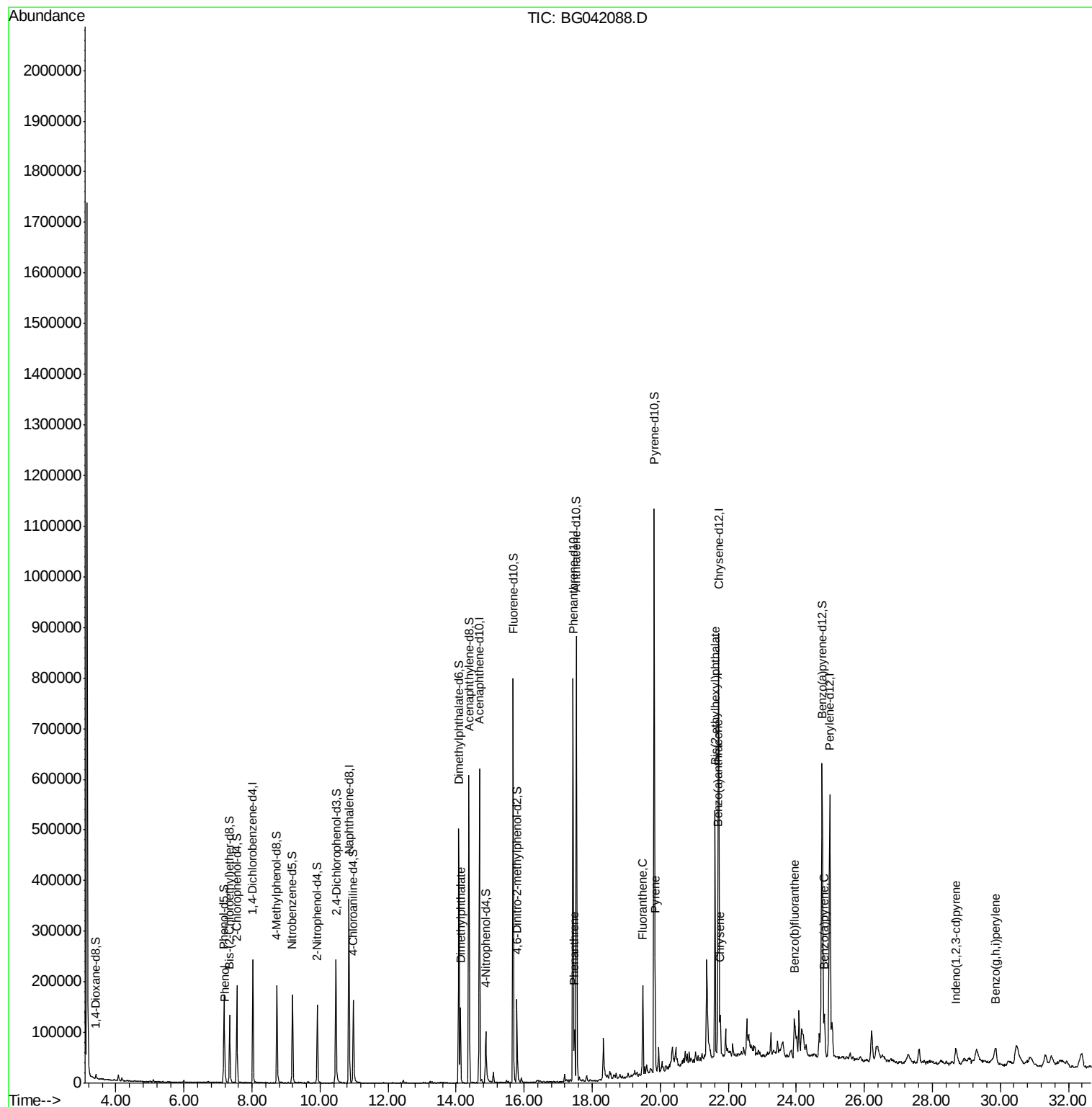
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042088.D
Acq On : 9 Aug 2019 5:41
Operator : HP/JU
Sample : K4116-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

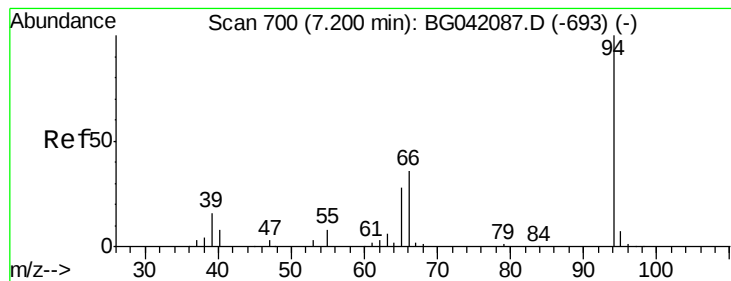
Instrument :
BNA_G
ClientSampleId :
JLLE8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:21 AM

Quant Time: Aug 09 16:32:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration





#6

Phenol

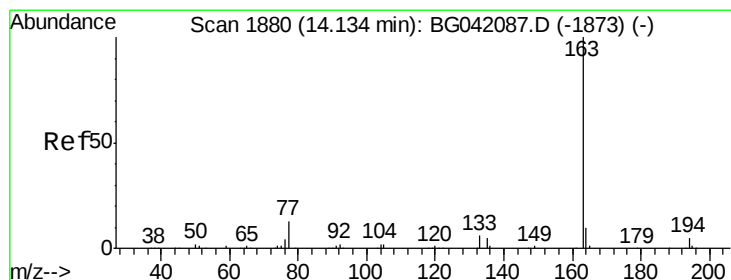
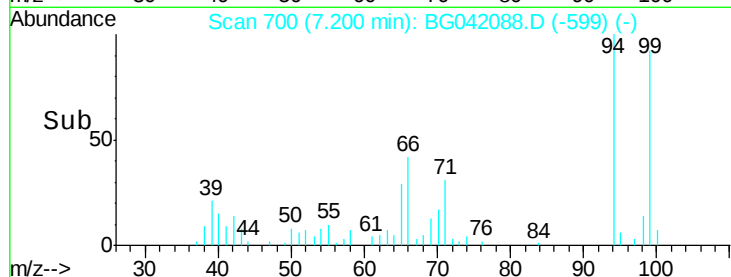
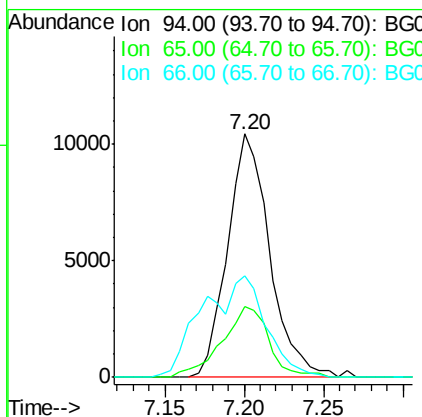
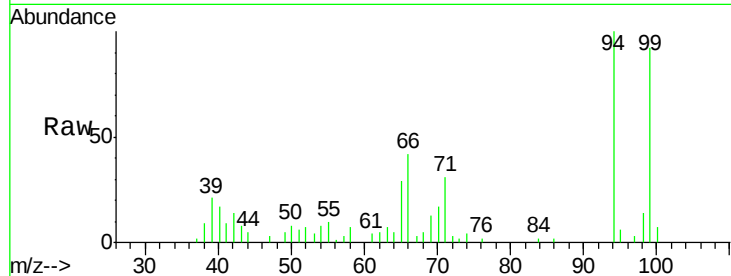
Concen: 2.946 ng/ul
 RT: 7.20 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BG042088.D
 Acq: 9 Aug 2019 5:41

Instrument :
 BNA_G
 ClientSampled :
 JLLE8

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.3	25.8	38.6
66	41.9	31.8	47.8

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:16:21 AM

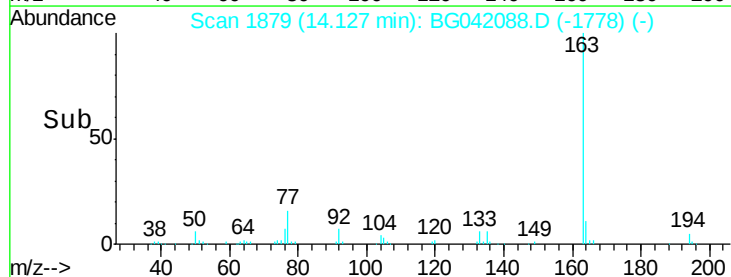
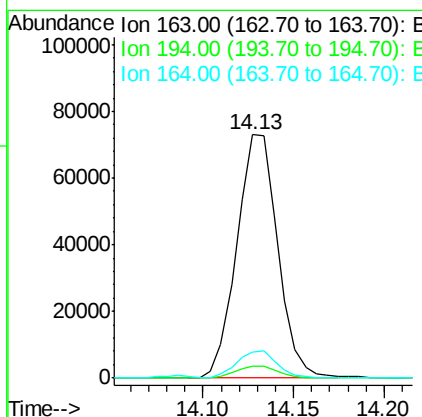
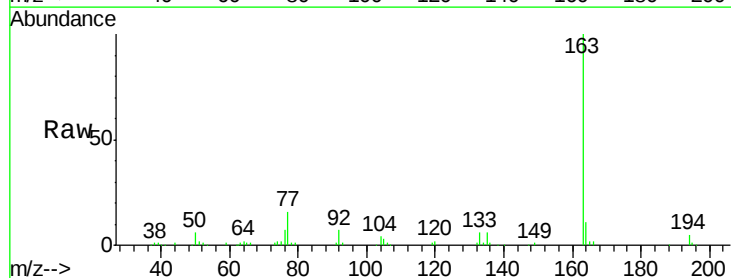


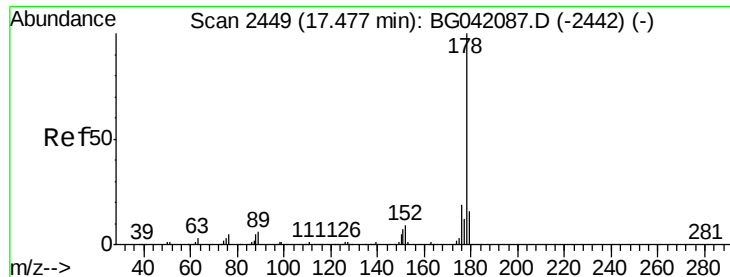
#44

Dimethylphthalate

Concen: 6.098 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG042088.D
 Acq: 9 Aug 2019 5:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.2	6.2
164	10.5	7.8	11.8





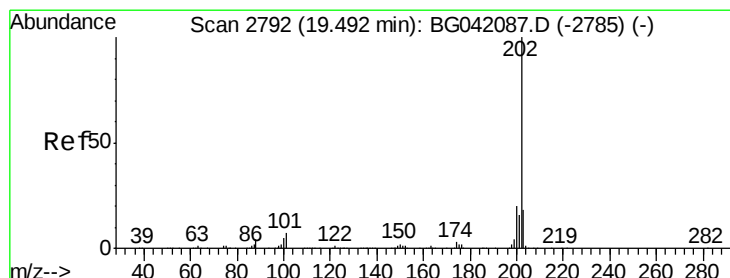
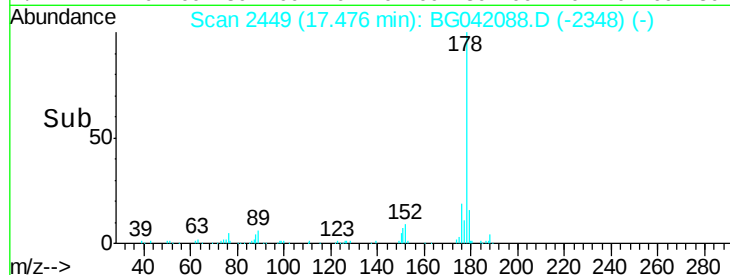
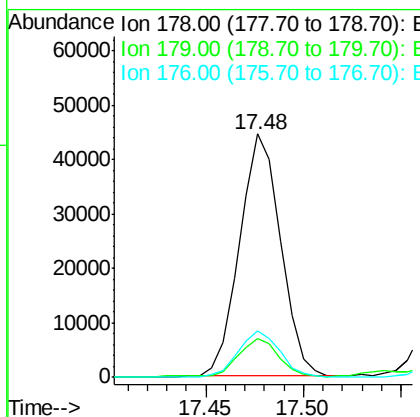
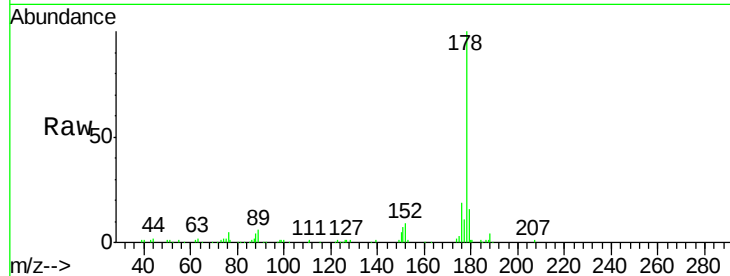
#69
Phenanthrene
Concen: 2.255 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

Instrument :
BNA_G
ClientSampleId :
JLLE8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.0	15.4	23.2

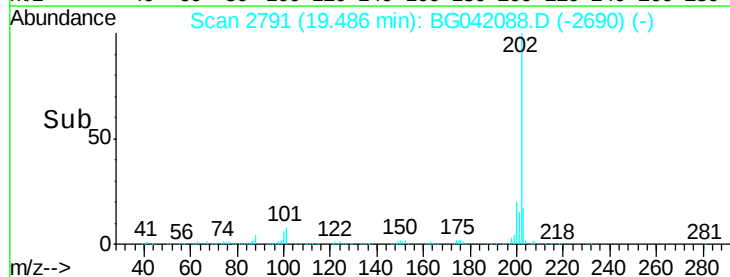
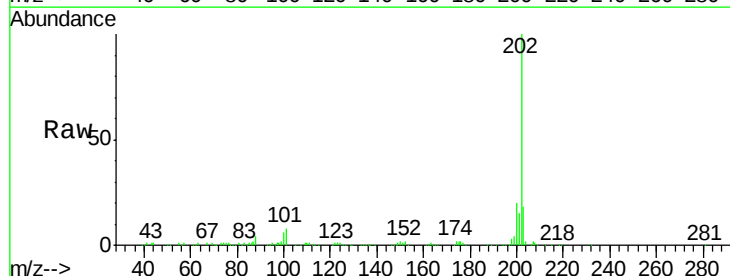
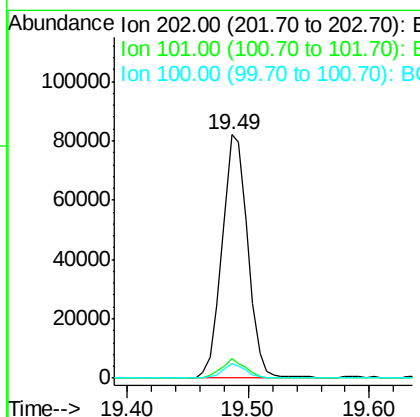
Manual Integrations
APPROVED

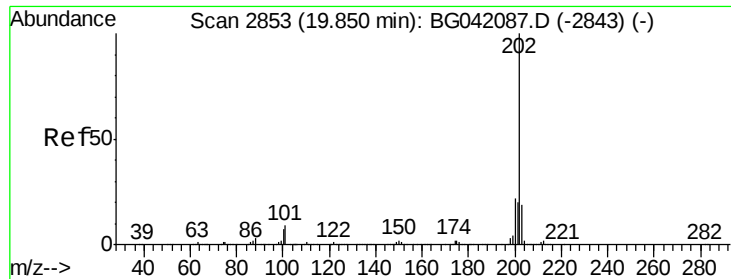
Sohil
8/13/2019 8:16:21 AM



#76
Fluoranthene
Concen: 3.663 ng/ul
RT: 19.49 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.7	10.1
100	5.8	5.3	7.9





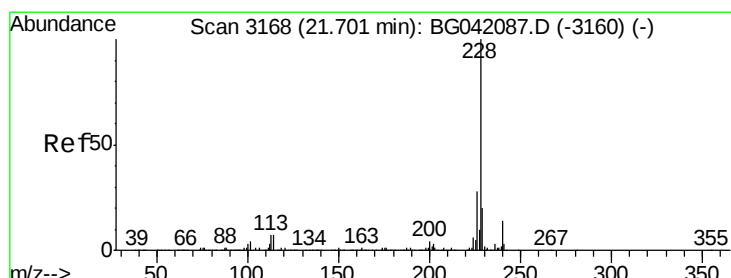
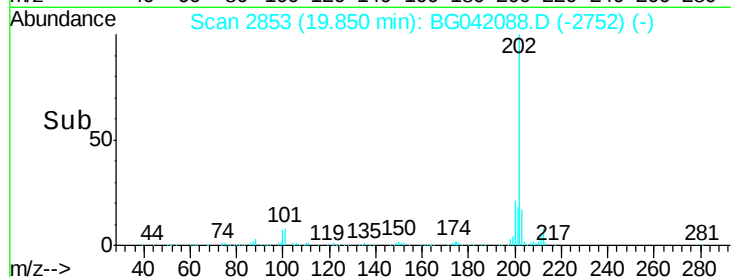
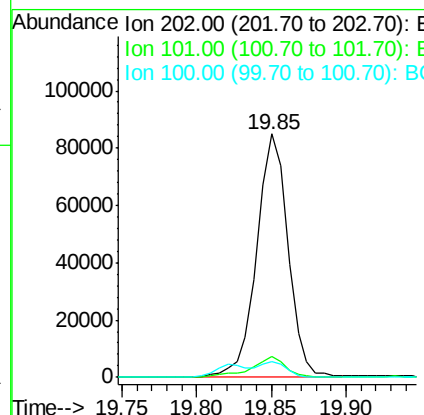
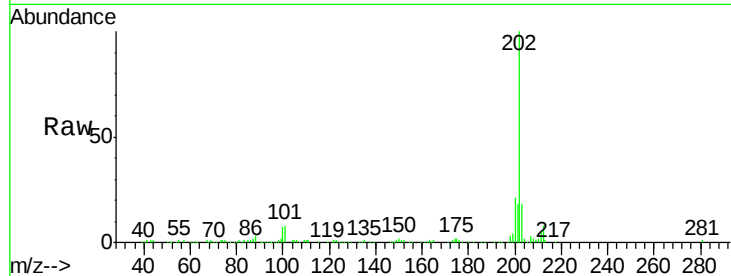
#79
Pvrene
Concen: 3.572 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

Instrument :
BNA_G
ClientSampled :
JLLE8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	7.6	11.4
100	6.7	6.5	9.7

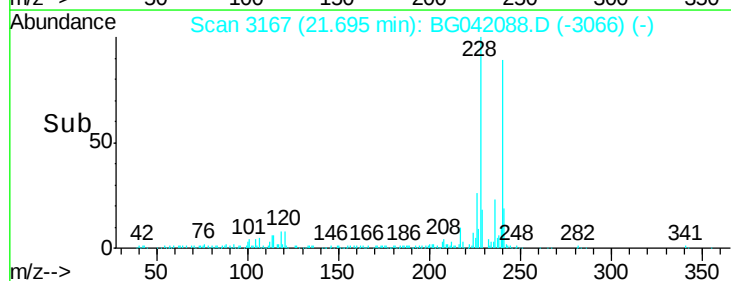
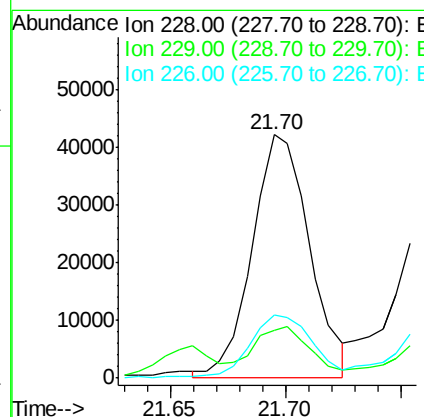
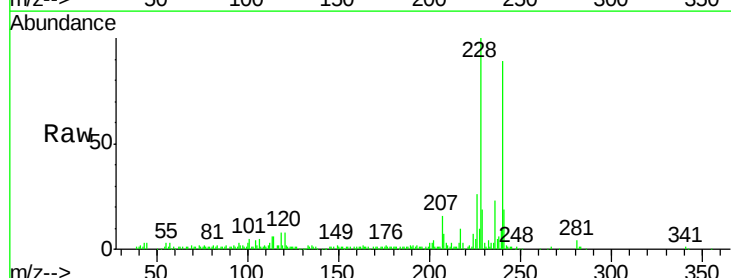
Manual Integrations
APPROVED

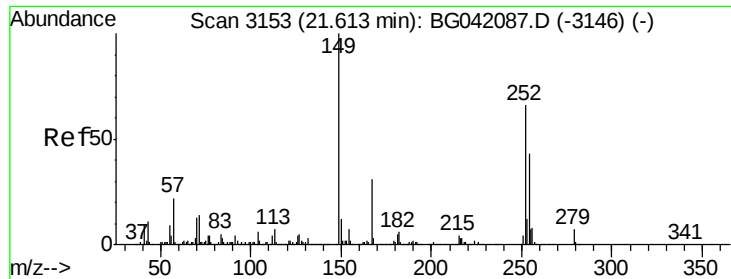
Sohil
8/13/2019 8:16:21 AM



#82
Benzo(a)anthracene
Concen: 2.055 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.5	17.0	25.6
226	26.0	23.3	34.9





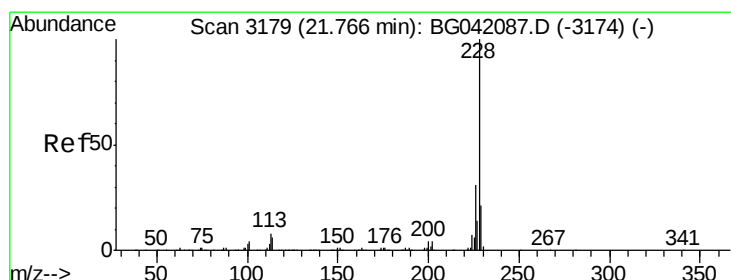
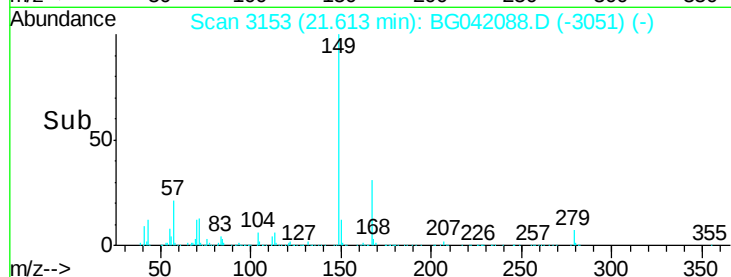
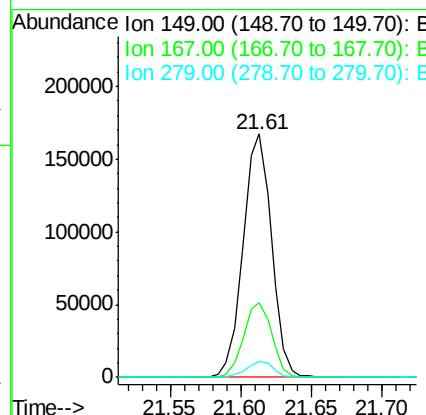
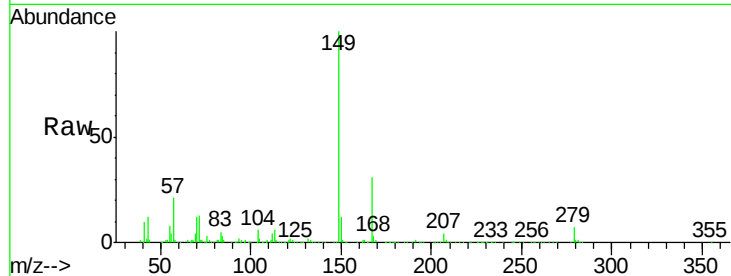
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.610 ng/ul
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG042088.D
 Acq: 9 Aug 2019 5:41

Instrument :
 BNA_G
 ClientSampleId :
 JLLE8

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.8	25.0	37.4	
279	6.7	5.2	7.8	

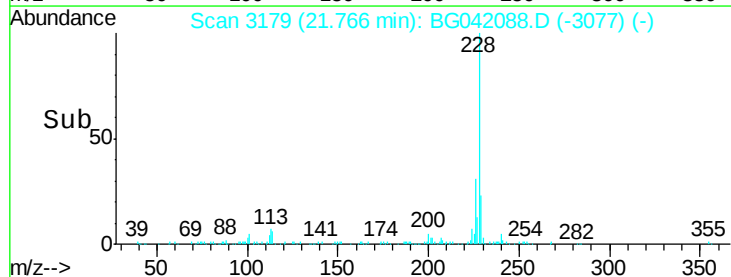
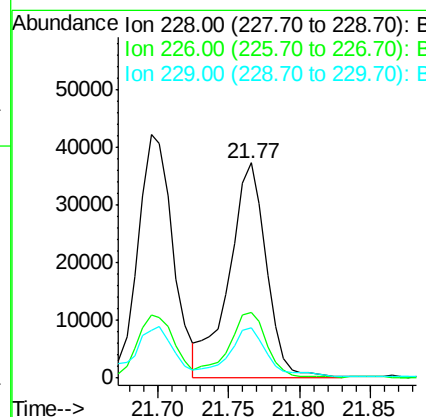
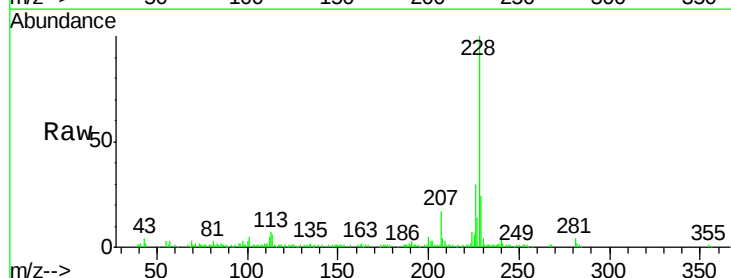
Manual Integrations
 APPROVED

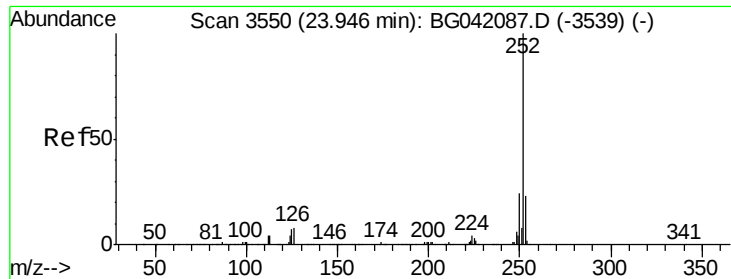
Sohil
 8/13/2019 8:16:21 AM



#84
 Chrysene
 Concen: 2.084 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: BG042088.D
 Acq: 9 Aug 2019 5:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.4	25.7	38.5	
229	23.6	16.6	24.8	





#87

Benzo(b)fluoranthene

Concen: 2.861 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

Instrument :

BNA_G

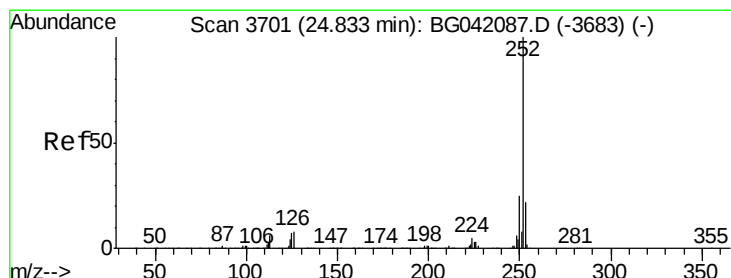
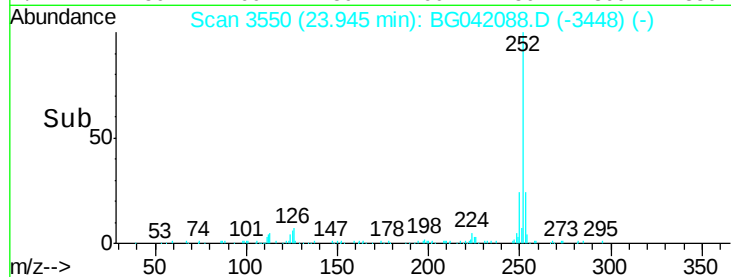
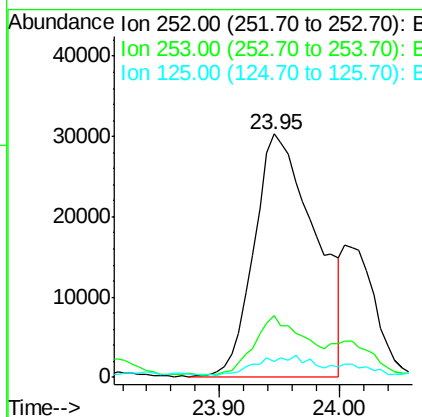
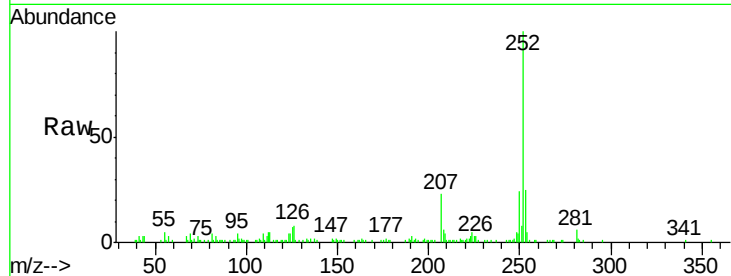
ClientSampled :

JLLE8

Tot Ion:	252	Resp:	106531
Ion Ratio	Lower	Upper	
252	100		
253	25.5	18.4	27.6
125	6.7	5.8	8.8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:21 AM



#90

Benzo(a)pyrene

Concen: 2.556 ng/ul

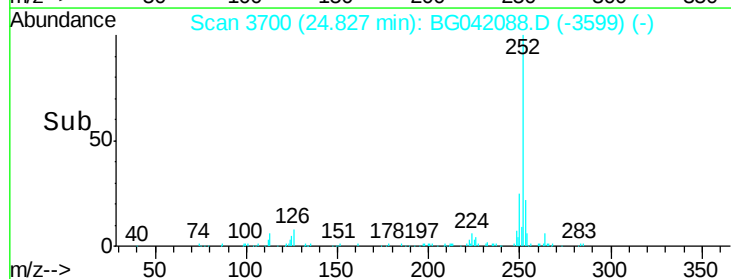
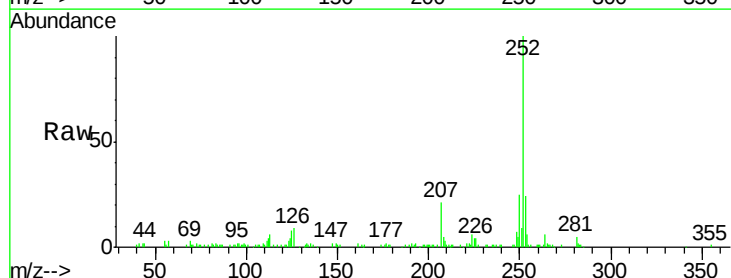
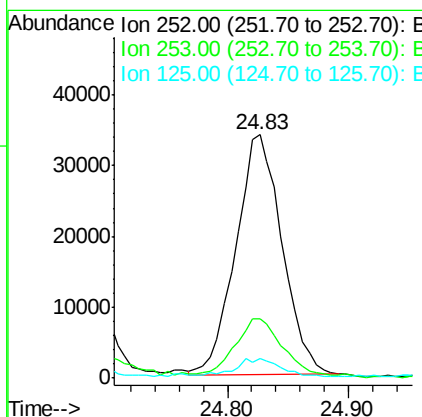
RT: 24.83 min Scan# 3700

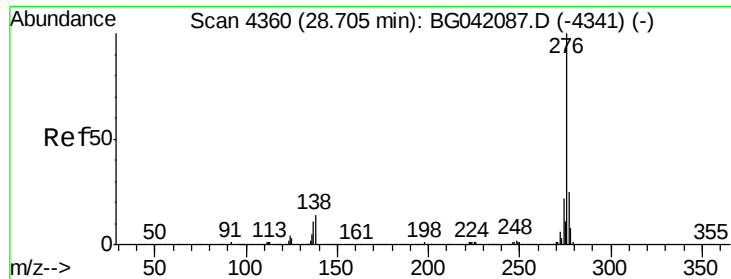
Delta R.T. -0.01 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

Tgt Ion:	252	Resp:	90697
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.3	27.5
125	8.1	6.5	9.7





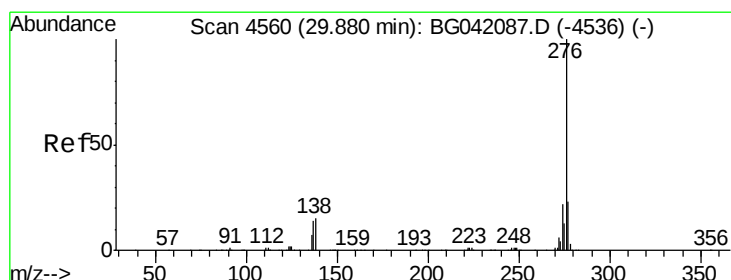
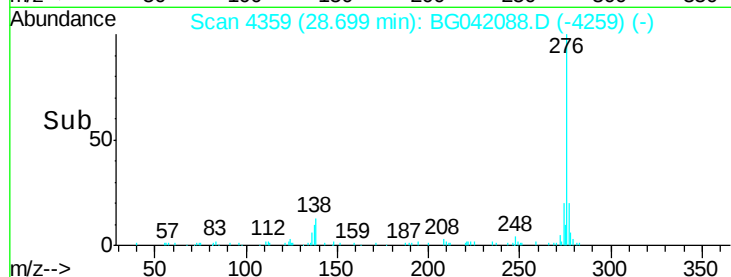
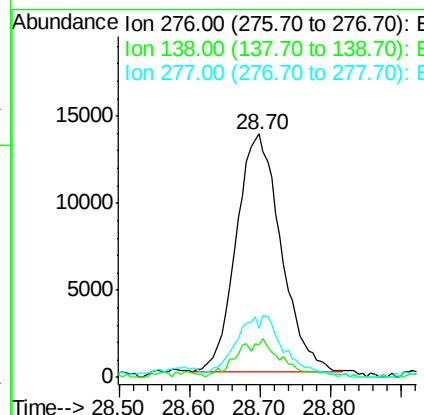
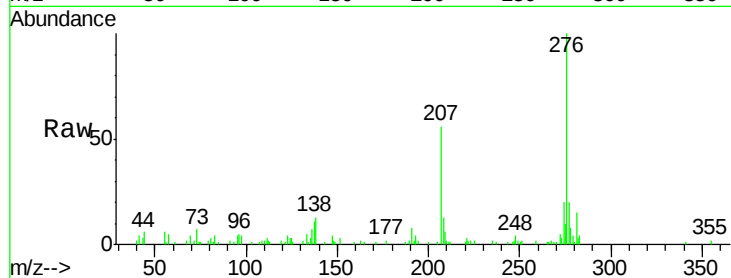
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.464 ng/ul
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

Instrument :
BNA_G
ClientSampleId :
JLLE8

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	12.0	18.0
277	20.2	19.2	28.8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:21 AM



#93
Benzo(g,h,i)perylene
Concen: 1.889 ng/ul m
RT: 29.87 min Scan# 4558
Delta R.T. -0.02 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.6	18.8
277	24.1	19.2	28.8

