

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042110.D
 Acq On : 9 Aug 2019 20:10
 Operator : HP/JU
 Sample : K4041-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENX3

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:16:55 AM

Quant Time: Aug 10 04:14:57 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	8.03	152	73455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	309595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	218378	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	459703	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	458140	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	525909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4113	2.45	ng/uL	0.00
5) Phenol-d5	7.18	99	90936	15.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	50933	15.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	90554	18.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	83030	17.16	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	45199	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55830	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	103219	18.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	115110	18.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	351243	20.74	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	399144	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	27414	9.64	ng/ul	0.00
57) Fluorene-d10	15.68	176	312055	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	42518	14.42	ng/ul	0.00
70) Anthracene-d10	17.54	188	490018	22.22	ng/ul	0.00
78) Pyrene-d10	19.83	212	561501	21.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	630546	22.95	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.21	94	16930	2.845	ng/ul 96
44) Dimethylphthalate	14.13	163	82976	4.934	ng/ul 99
76) Fluoranthene	19.49	202	41107m	1.414	ng/ul
79) Pyrene	19.85	202	52046	1.689	ng/ul 96
82) Benzo(a)anthracene	21.70	228	32187	1.013	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.61	149	242388	14.646	ng/ul 99
84) Chrysene	21.77	228	31515	1.063	ng/ul 94
87) Benzo(b)fluoranthene	23.96	252	35800	1.085	ng/ul 96

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

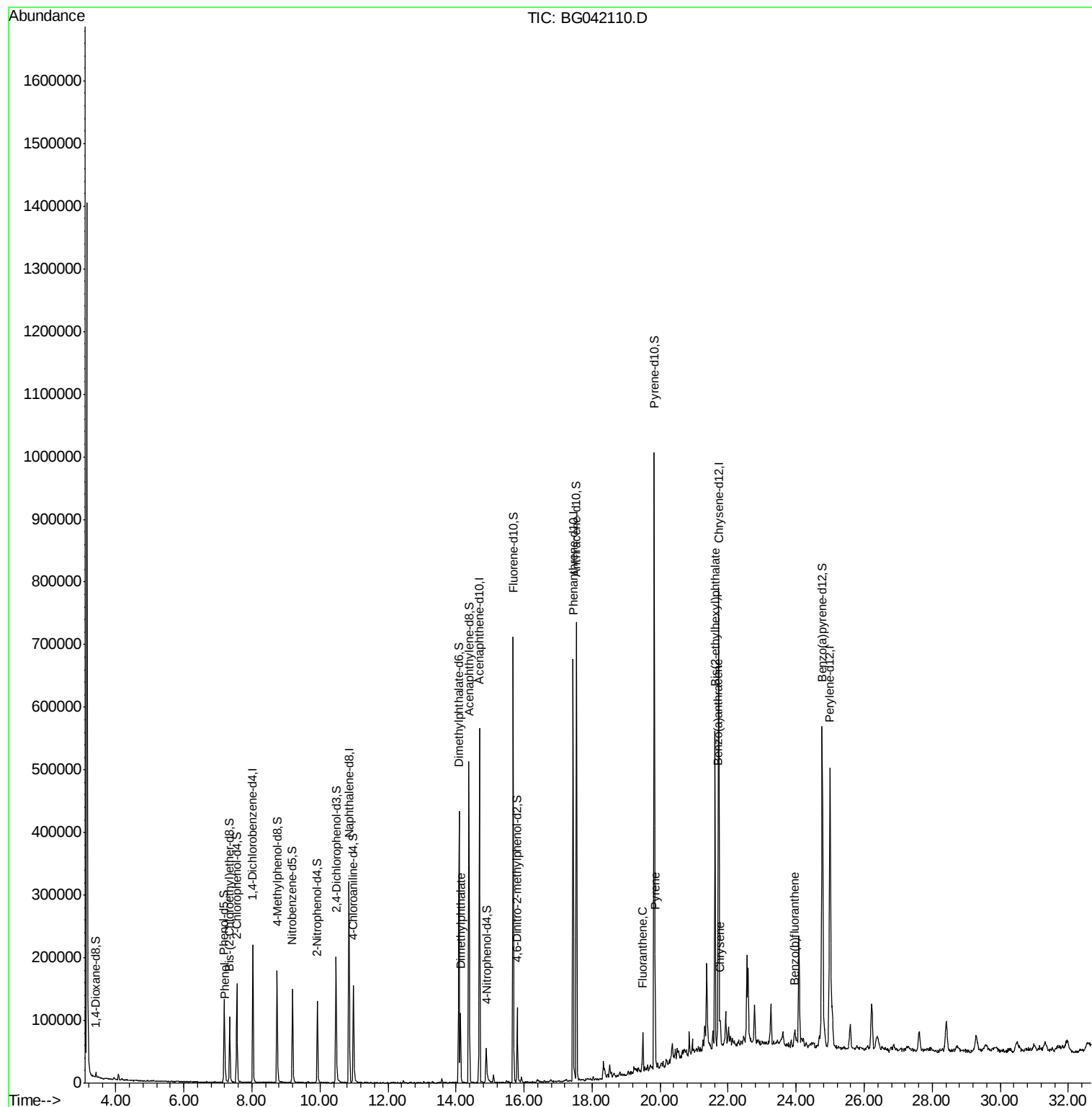
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

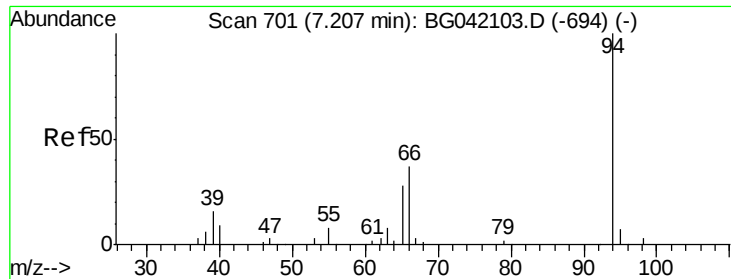
Instrument :
BNA_G
ClientSampleId :
BENX3

Quant Time: Aug 10 04:14:57 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

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:55 AM





#6

Phenol

Concen: 2.845 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Instrument :

BNA_G

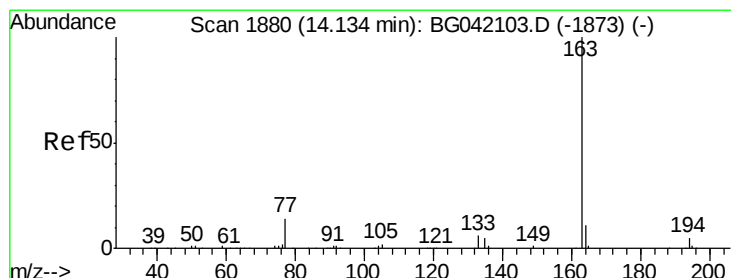
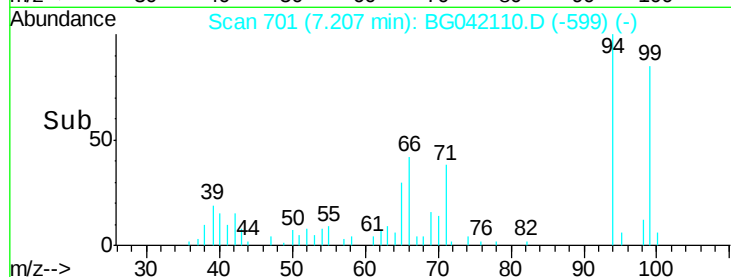
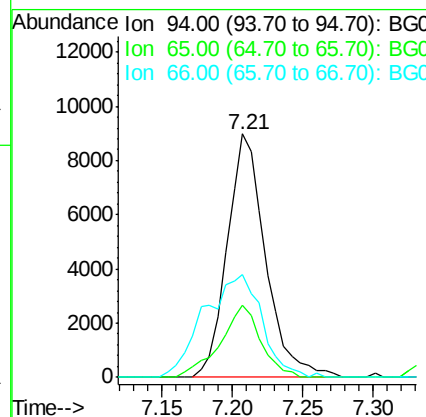
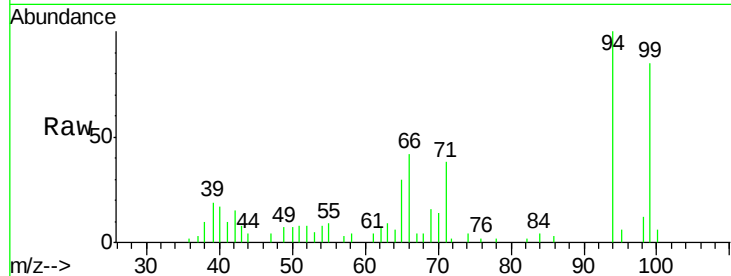
ClientSampled :

BENX3

Tot Ion:	94	Resp:	16930
Ion	Ratio	Lower	Upper
94	100		
65	29.8	25.8	38.6
66	42.4	31.8	47.8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:55 AM



#44

Dimethylphthalate

Concen: 4.934 ng/ul

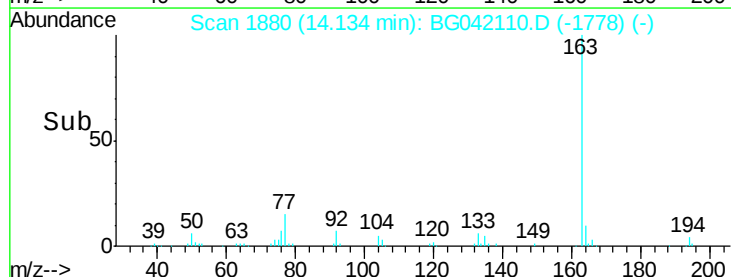
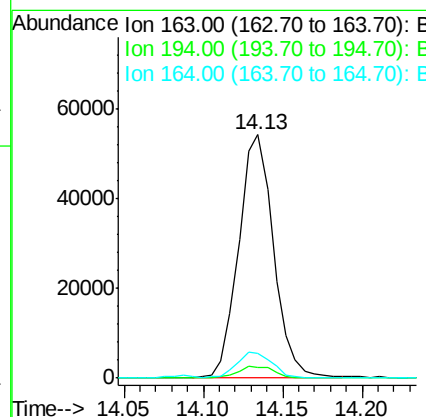
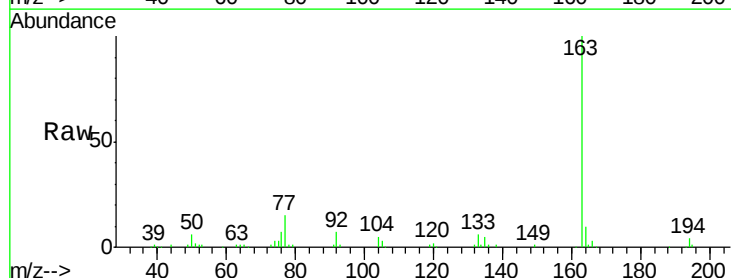
RT: 14.13 min Scan# 1880

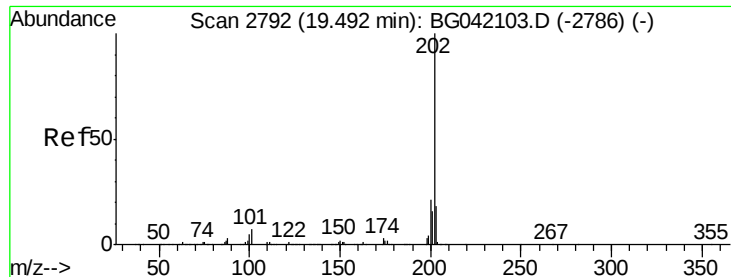
Delta R.T. 0.00 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Tgt Ion:	163	Resp:	82976
Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	10.2	7.8	11.8





#76

Fluoranthene

Concen: 1.414 ng/ul m

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Instrument :

BNA_G

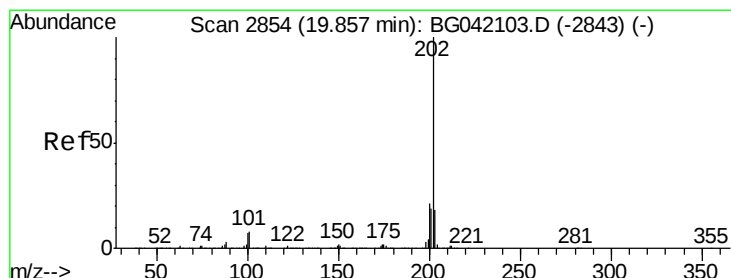
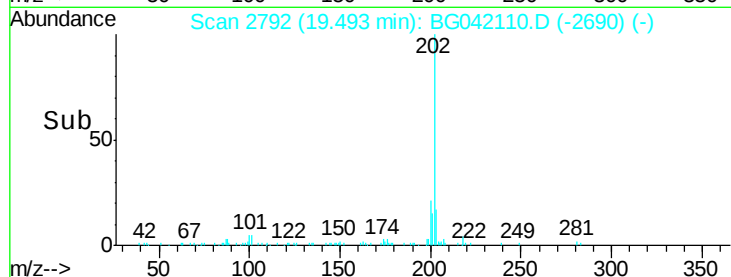
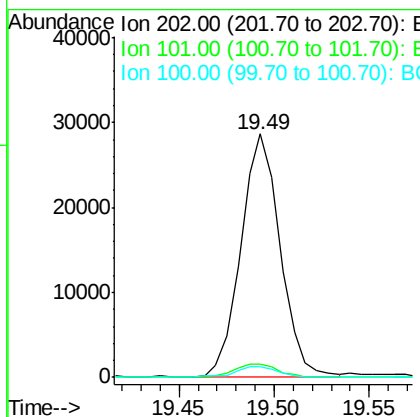
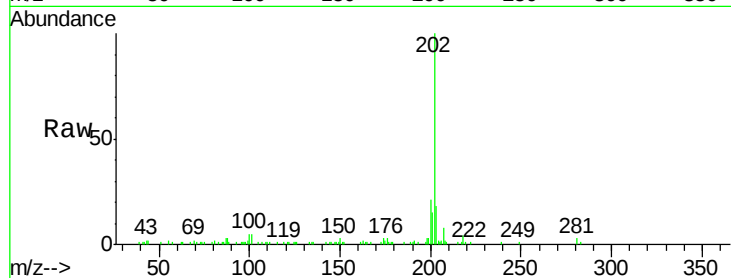
ClientSampleId :

BENX3

Tot Ion:	202	Resp:	41107
Ion Ratio	Lower	Upper	
202	100		
101	5.4	6.7	10.1#
100	4.6	5.3	7.9#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:55 AM



#79

Pyrene

Concen: 1.689 ng/ul

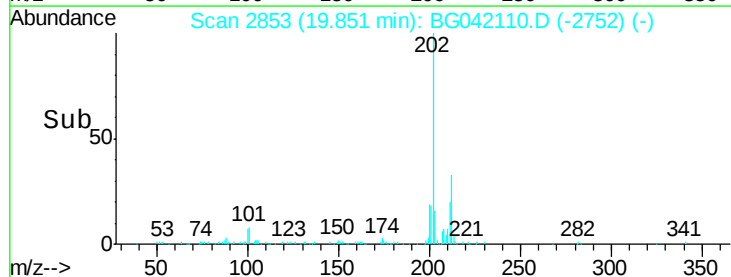
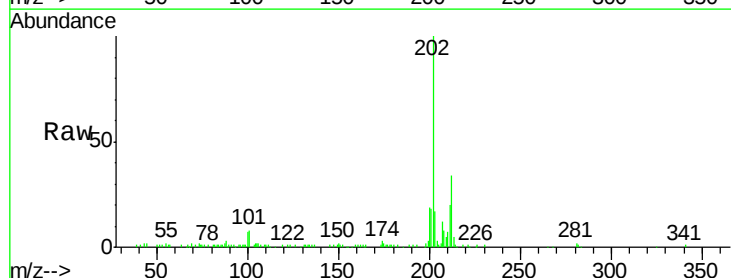
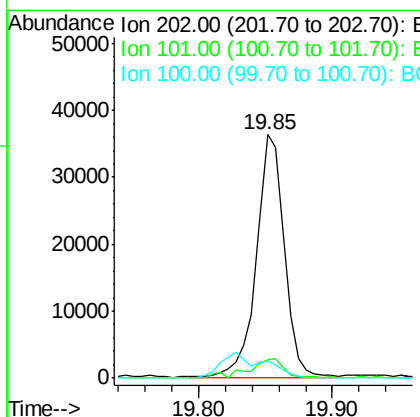
RT: 19.85 min Scan# 2853

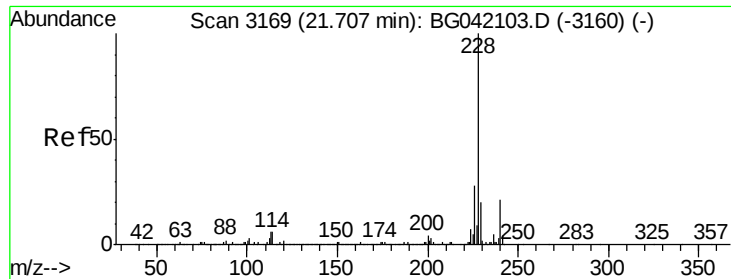
Delta R.T. -0.01 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Tgt Ion:	202	Resp:	52046
Ion Ratio	Lower	Upper	
202	100		
101	7.8	7.6	11.4
100	7.1	6.5	9.7





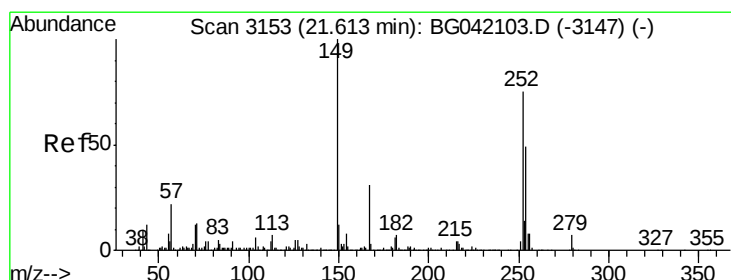
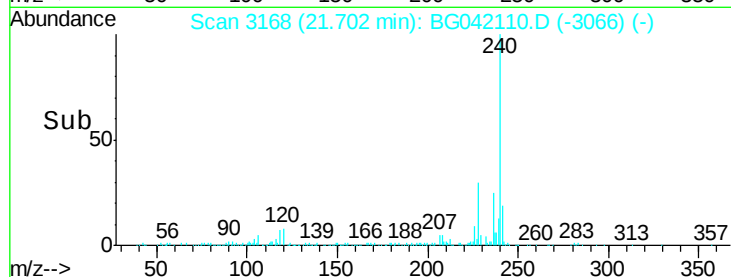
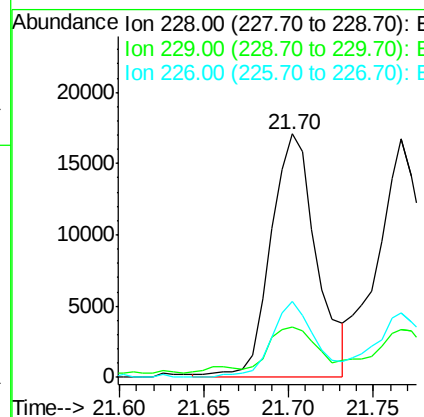
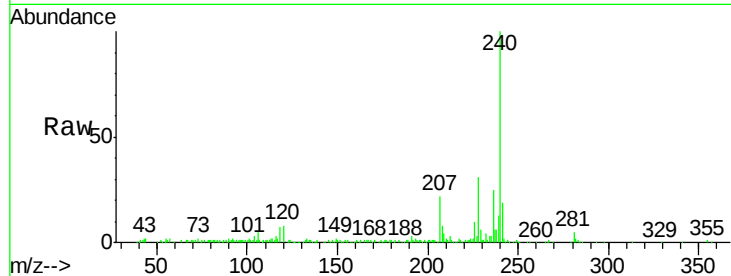
#82
Benzo(a)anthracene
Concen: 1.013 ng/uL
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042110.D
Acq: 9 Aug 2019 20:10

Instrument :
BNA_G
ClientSampled :
BENX3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	17.0	25.6
226	31.2	23.3	34.9

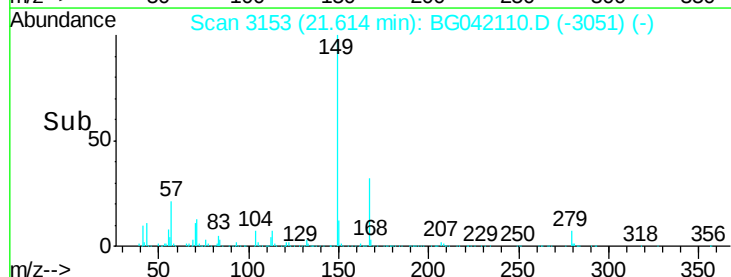
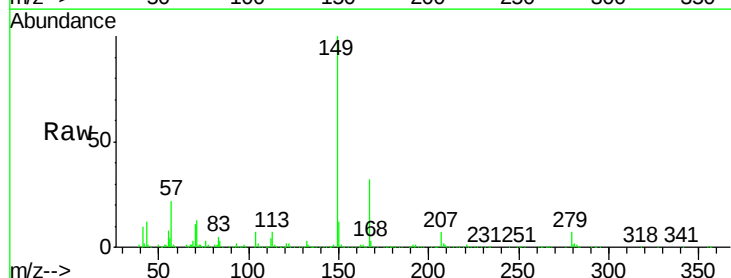
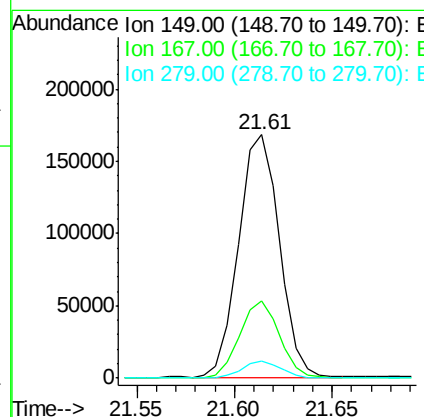
Manual Integrations
APPROVED

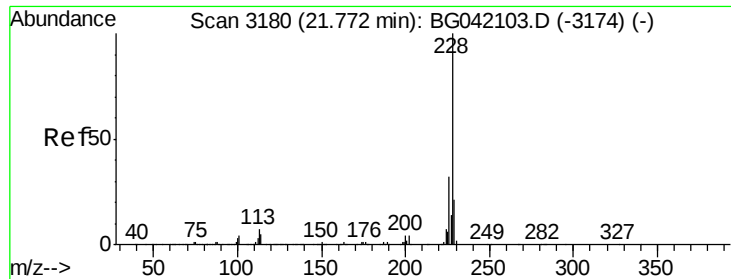
Sohil
8/13/2019 8:16:55 AM



#83
Bis(2-ethylhexyl)phthalate
Concen: 14.646 ng/uL
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG042110.D
Acq: 9 Aug 2019 20:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	25.0	37.4
279	7.1	5.2	7.8





#84

Chrysene

Concen: 1.063 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Instrument :

BNA_G

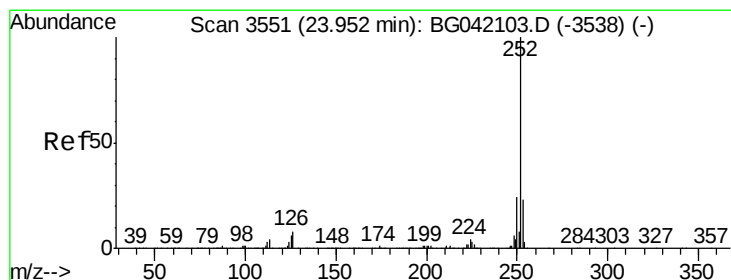
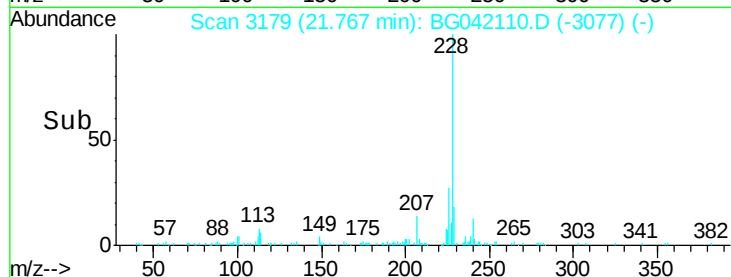
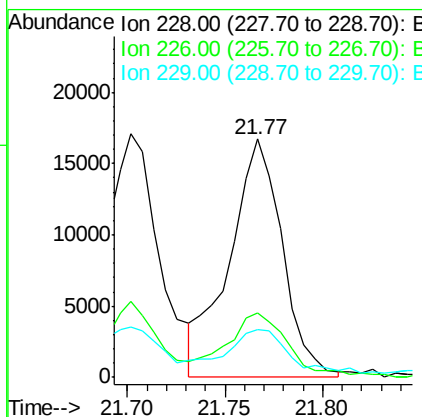
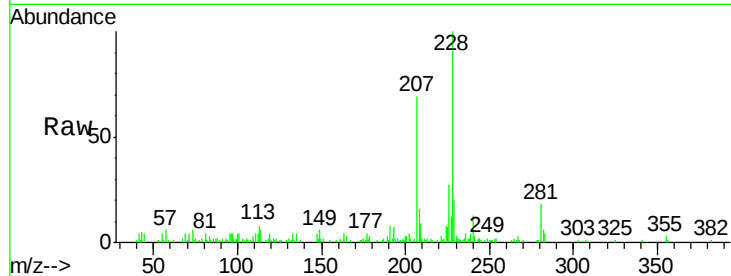
ClientSampled :

BENX3

Tot Ion:	228	Resp:	31515
Ion Ratio	Lower	Upper	
228	100		
226	27.3	25.7	38.5
229	20.1	16.6	24.8

Manual Integrations
APPROVED

Sohil
8/13/2019 8:16:55 AM



#87

Benzo(b)fluoranthene

Concen: 1.085 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042110.D

Acq: 9 Aug 2019 20:10

Tgt Ion:	252	Resp:	35800
Ion Ratio	Lower	Upper	
252	100		
253	20.5	18.4	27.6
125	7.6	5.8	8.8

