

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041954.D
 Acq On : 4 Aug 2019 22:43
 Operator : HP/JU
 Sample : K3962-18
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENZ4

Manual Integrations
 APPROVED

mohammad
 8/5/2019 3:04:08 PM

Quant Time: Aug 05 12:27:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 05 05:06:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	69970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	287314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	202355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	427455m	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	425288	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	471266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4067	2.54	ng/uL	0.00
5) Phenol-d5	7.18	99	97588	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	59839	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	91562	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	63378	13.75	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	49521	22.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	60312	24.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	105050	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	92527	16.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	354043	22.56	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	411732	22.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	38118	14.46	ng/ul	0.00
57) Fluorene-d10	15.69	176	319312	22.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	38391m	14.00	ng/ul	0.00
70) Anthracene-d10	17.54	188	483547	23.58	ng/ul	0.00
78) Pyrene-d10	19.83	212	543593	22.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	591039	24.01	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.21	94	5676	1.001	ng/ul#	91
44) Dimethylphthalate	14.14	163	154535	9.917	ng/ul	99
69) Phenanthrene	17.49	178	93068m	3.977	ng/ul	
76) Fluoranthene	19.50	202	303428	11.222	ng/ul	96
79) Pyrene	19.86	202	267117m	9.337	ng/ul	
82) Benzo(a)anthracene	21.71	228	143174	4.855	ng/ul	98
84) Chrysene	21.78	228	168471	6.121	ng/ul	97
87) Benzo(b)fluoranthene	23.97	252	260467	8.807	ng/ul	98
88) Benzo(k)fluoranthene	24.03	252	92609m	3.257	ng/ul	
90) Benzo(a)pyrene	24.85	252	160693	5.702	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.74	276	108041m	3.287	ng/ul	
93) Benzo(g,h,i)perylene	29.91	276	97483m	3.552	ng/ul	

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

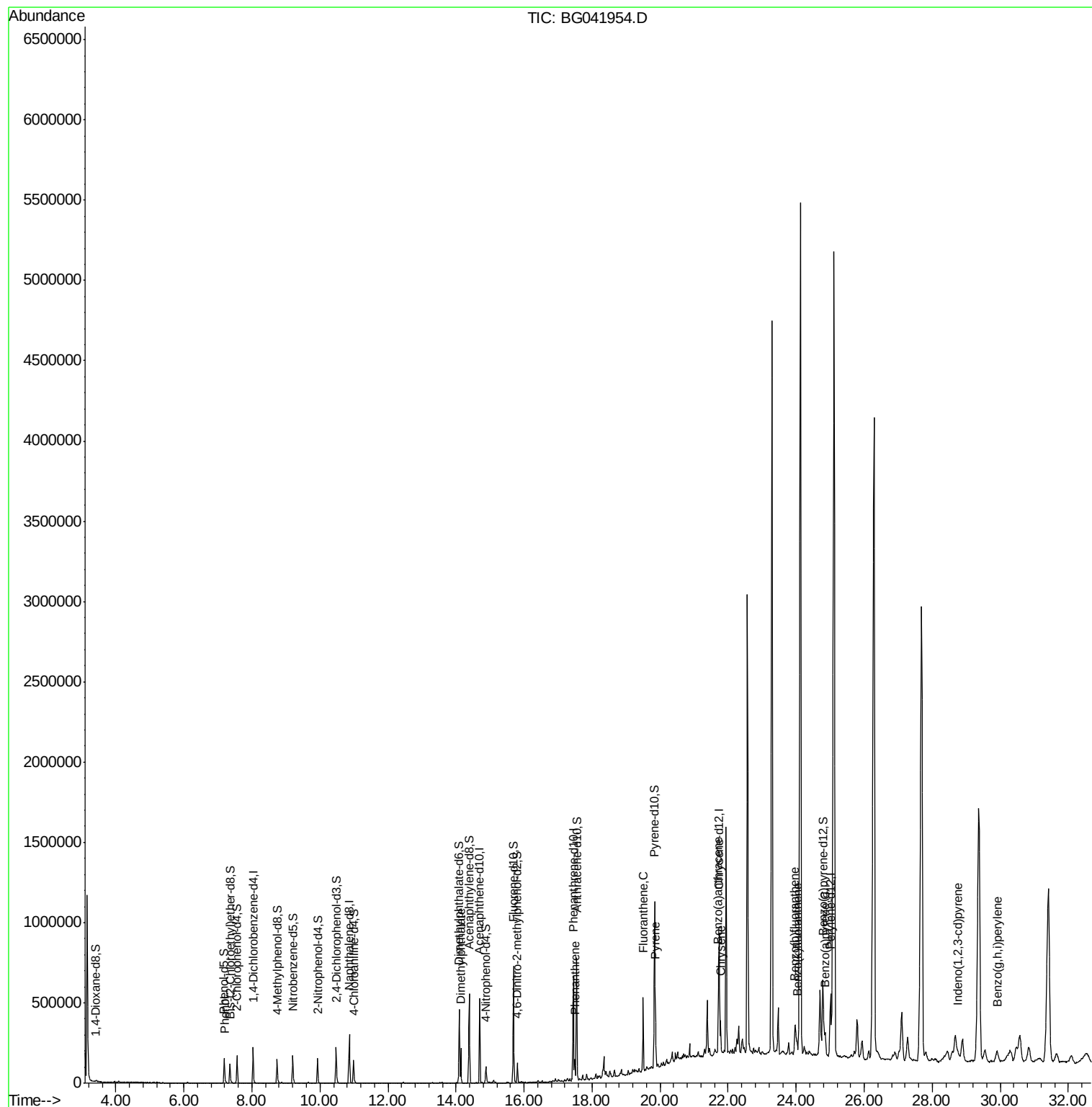
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041954.D
Acq On : 4 Aug 2019 22:43
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ALS Vial : 55 Sample Multiplier: 1

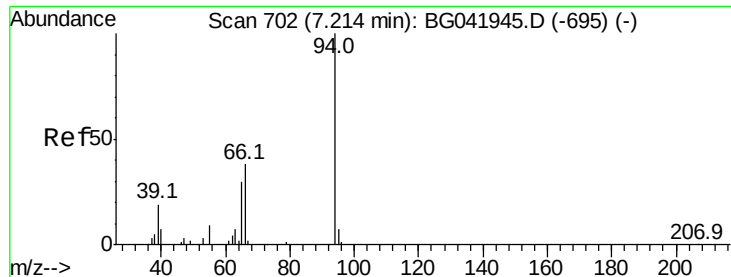
Instrument :
BNA_G
ClientSampleId :
BENZ4

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Quant Time: Aug 05 12:27:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.001 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

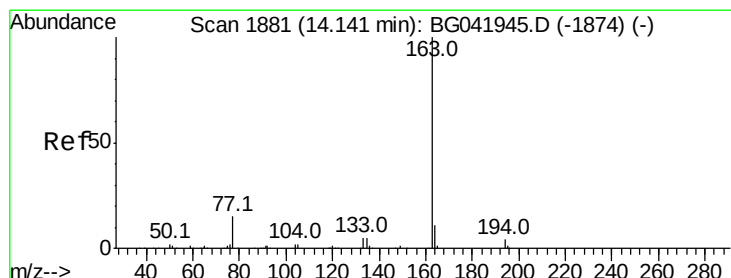
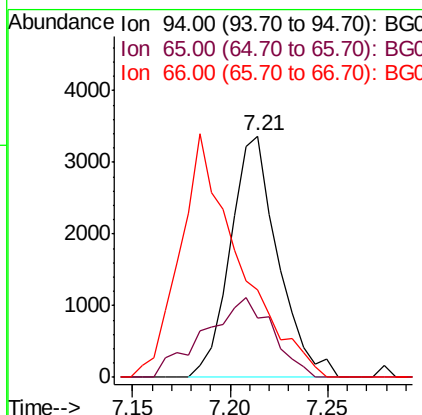
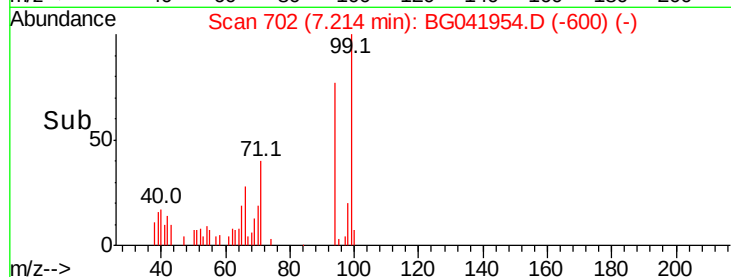
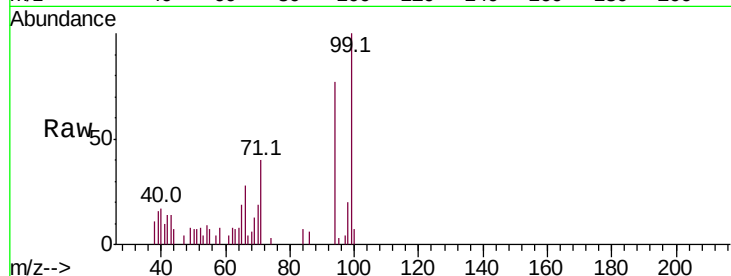
ClientSampleId :

BENZ4

Tot Ion:	94	Resp:	5676
Ion	Ratio	Lower	Upper
94	100		
65	24.4	25.8	38.6#
66	36.2	31.8	47.8

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#44

Dimethylphthalate

Concen: 9.917 ng/ul

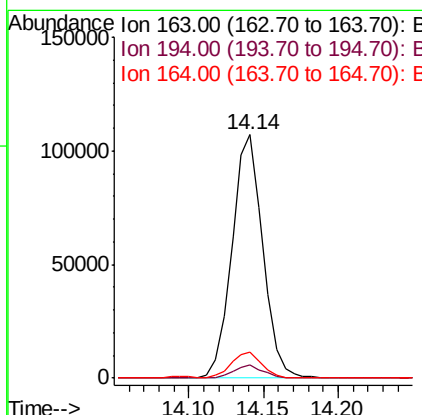
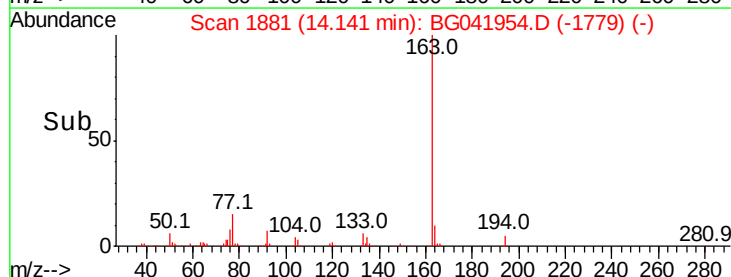
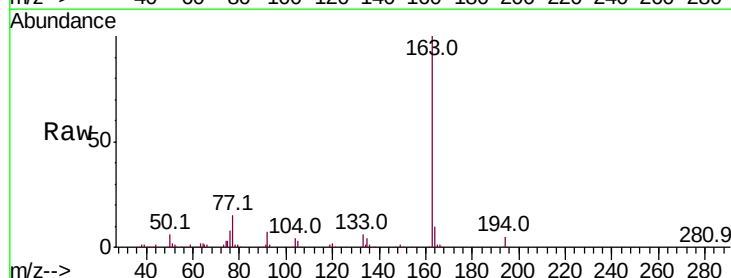
RT: 14.14 min Scan# 1881

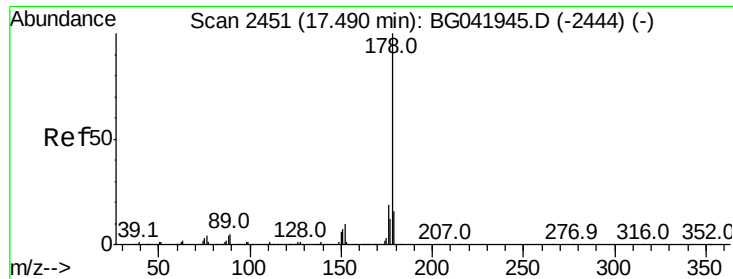
Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Tgt Ion:	163	Resp:	154535
Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	10.5	7.8	11.8





#69

Phenanthrene

Concen: 3.977 ng/ul m

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

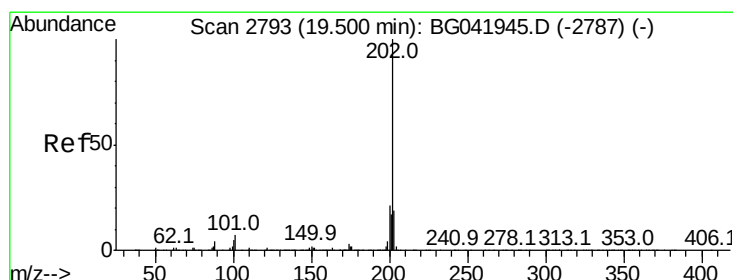
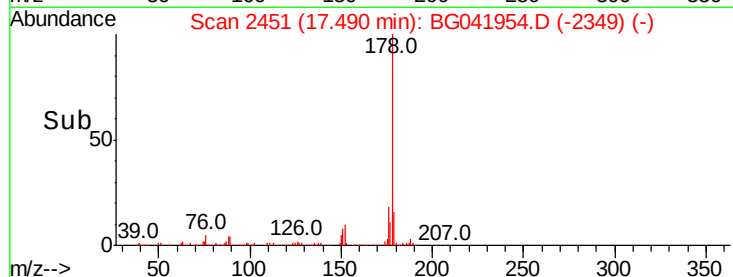
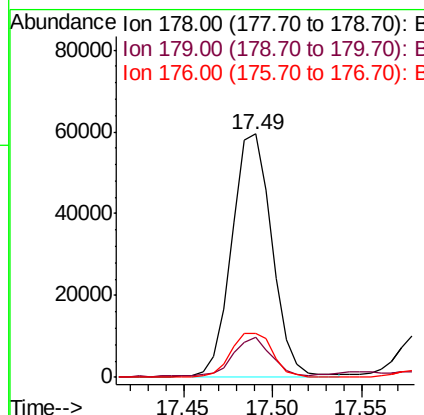
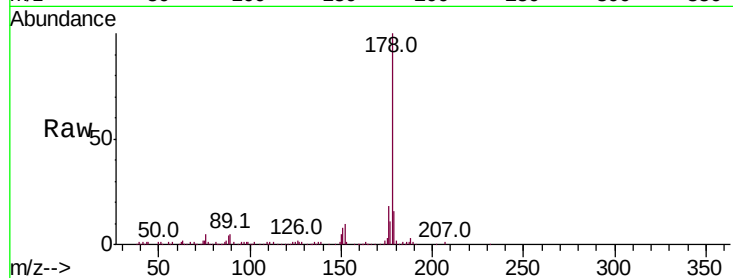
ClientSampleId :

BENZ4

Tot Ion:	178	Resp:	93068
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.8	19.2
176	17.9	15.4	23.2

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#76

Fluoranthene

Concen: 11.222 ng/ul

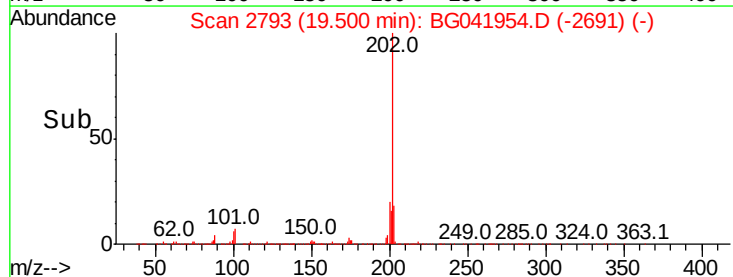
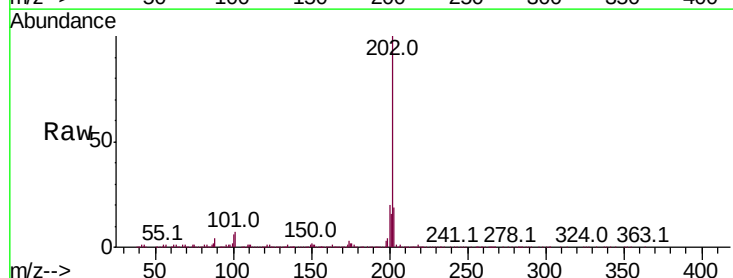
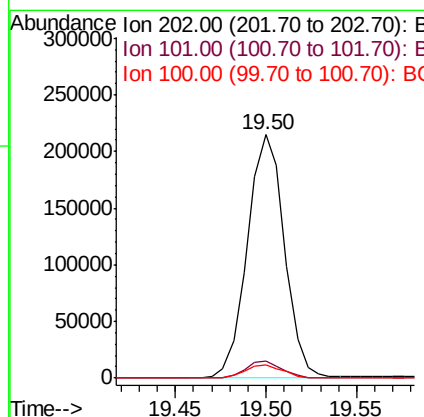
RT: 19.50 min Scan# 2793

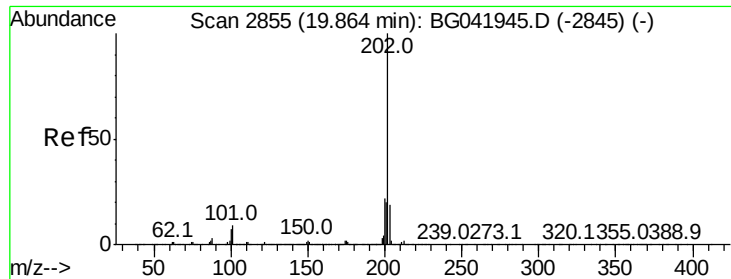
Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Tgt Ion:	202	Resp:	303428
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.7	10.1
100	5.5	5.3	7.9





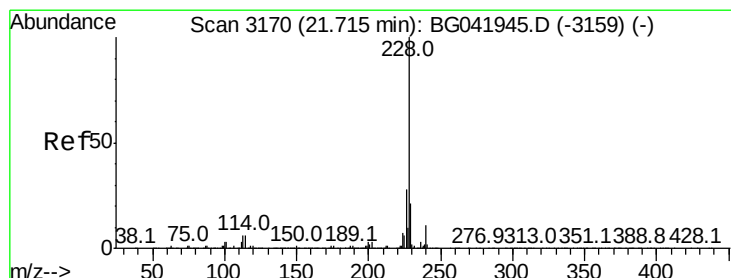
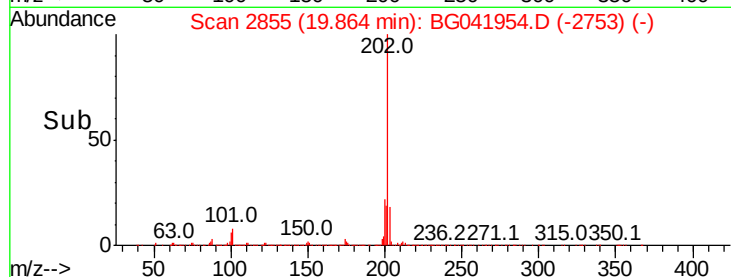
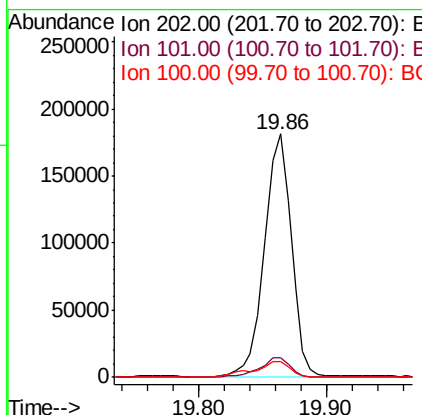
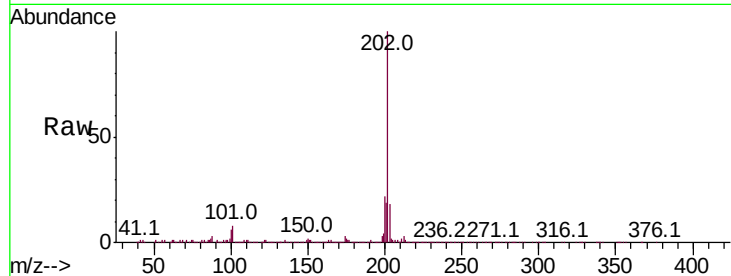
#79
Pvrene
Concen: 9.337 ng/ul m
RT: 19.86 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG041954.D
Acq: 4 Aug 2019 22:43

Instrument :
BNA_G
ClientSampleId :
BENZ4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.9	7.6	11.4
100	6.5	6.5	9.7#

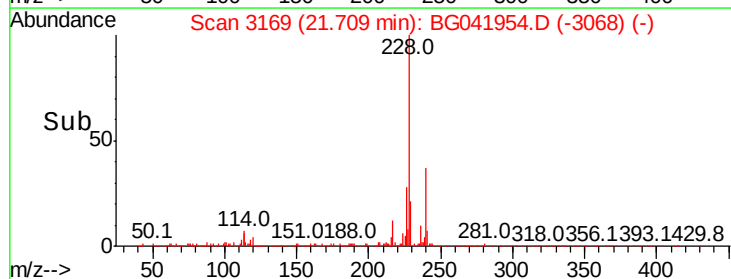
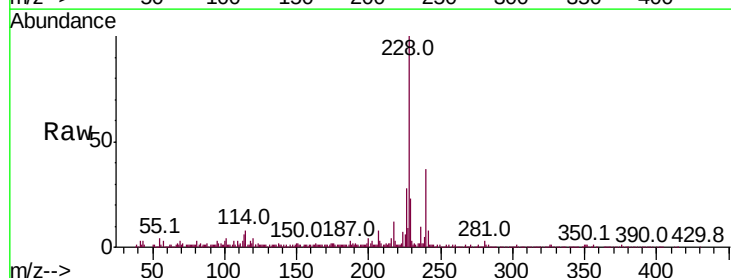
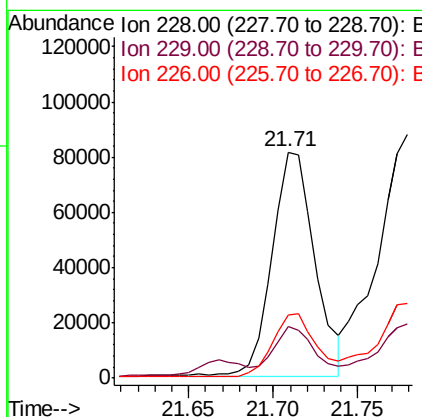
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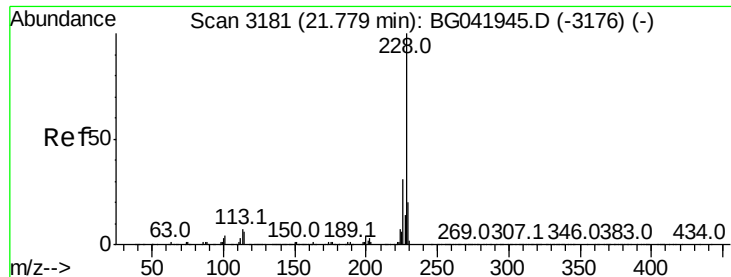
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#82
Benzo(a)anthracene
Concen: 4.855 ng/ul
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG041954.D
Acq: 4 Aug 2019 22:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.8	17.0	25.6
226	28.1	23.3	34.9





#84

Chrysene

Concen: 6.121 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

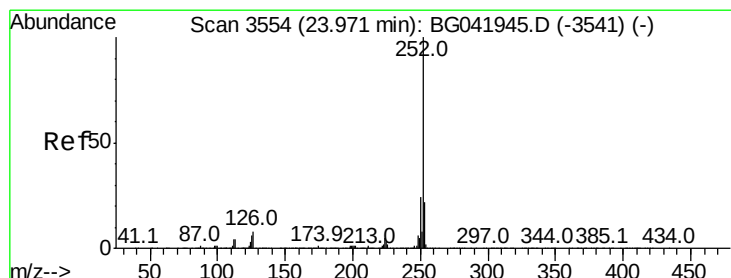
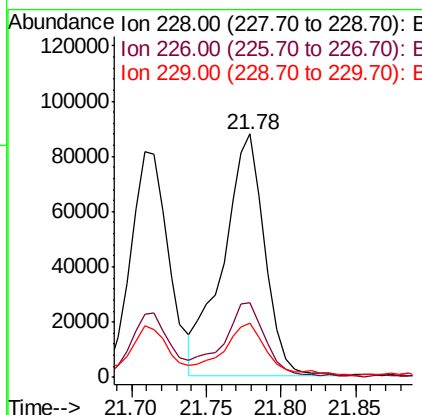
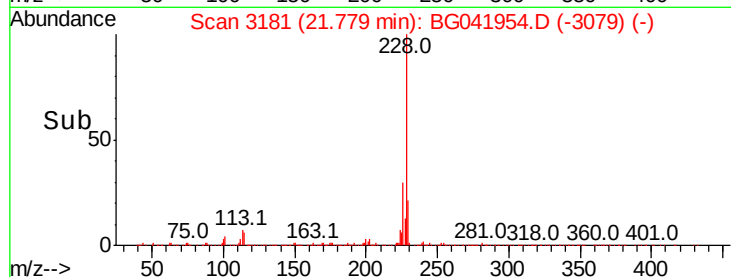
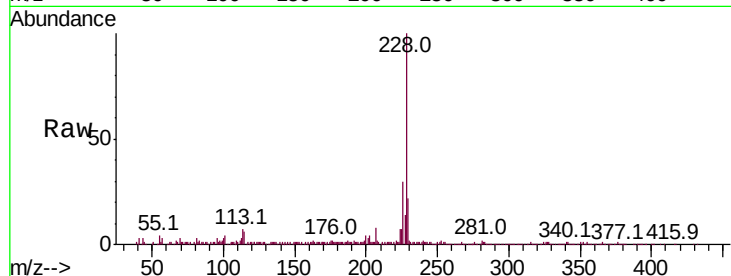
ClientSampleId :

BENZ4

Tot Ion:	228	Resp:	168471
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.7	38.5
229	22.0	16.6	24.8

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#87

Benzo(b)fluoranthene

Concen: 8.807 ng/ul

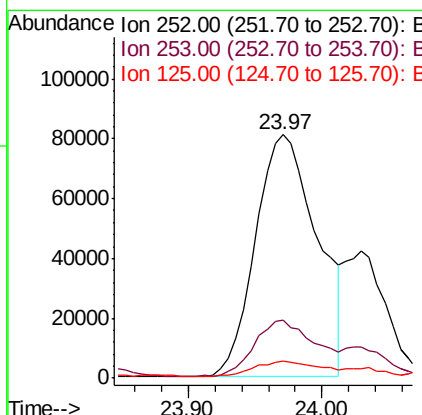
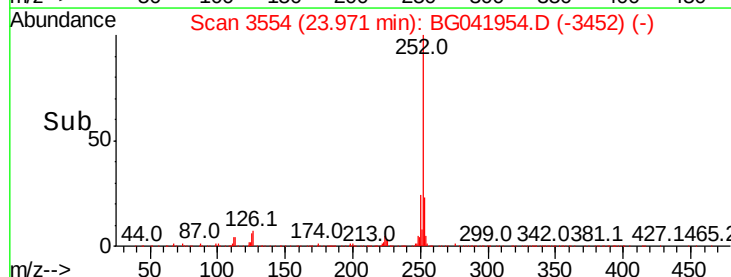
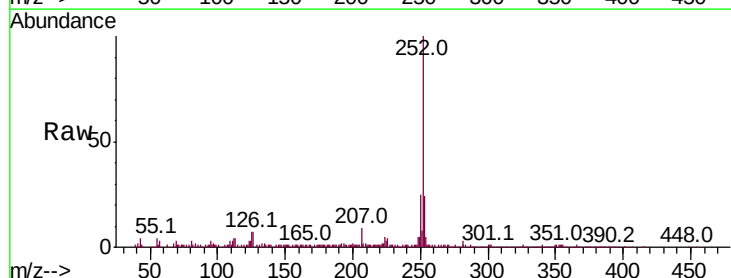
RT: 23.97 min Scan# 3554

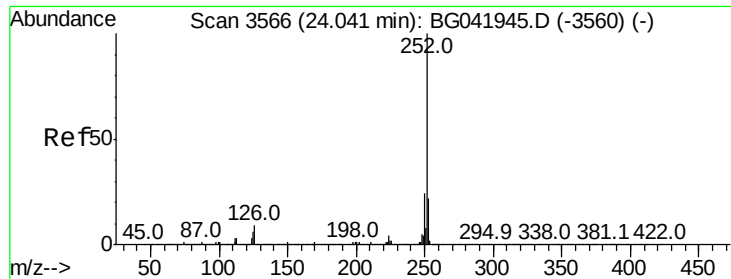
Delta R.T. -0.00 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Tgt Ion:	252	Resp:	260467
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.4	27.6
125	7.0	5.8	8.8





#88

Benzo(k)fluoranthene

Concen: 3.257 ng/ul m

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Instrument :

BNA_G

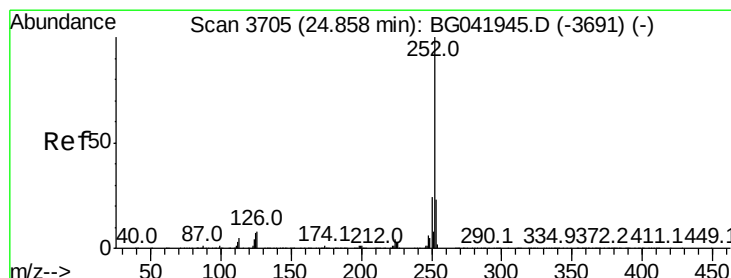
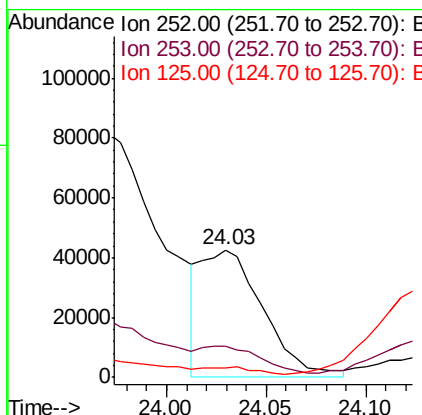
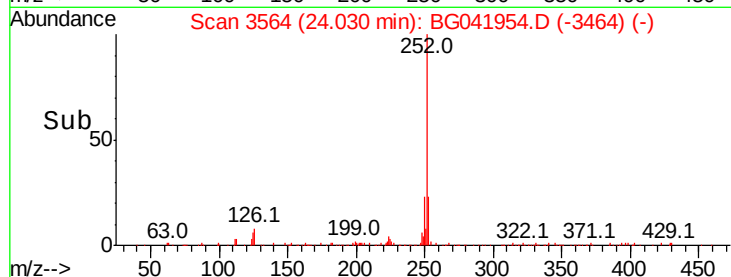
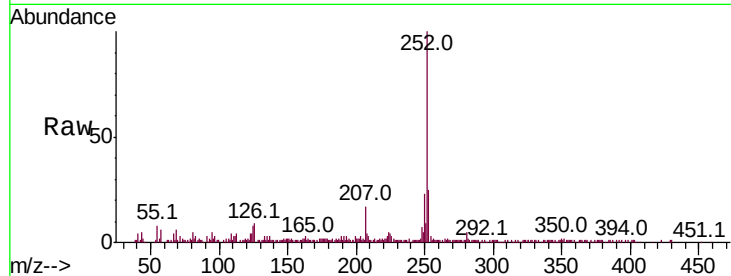
ClientSampled :

BENZ4

Tot Ion:	252	Resp:	92609
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.3	27.5
125	7.7	5.5	8.3

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#90

Benzo(a)pyrene

Concen: 5.702 ng/ul

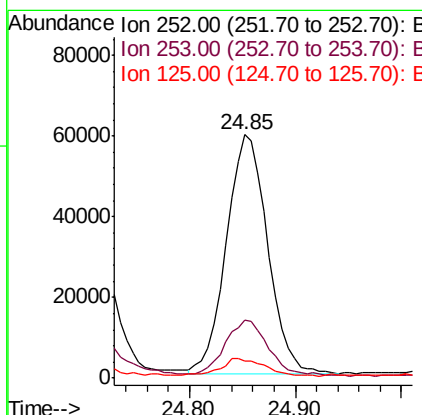
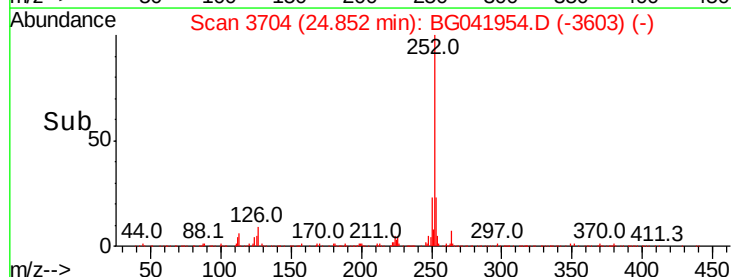
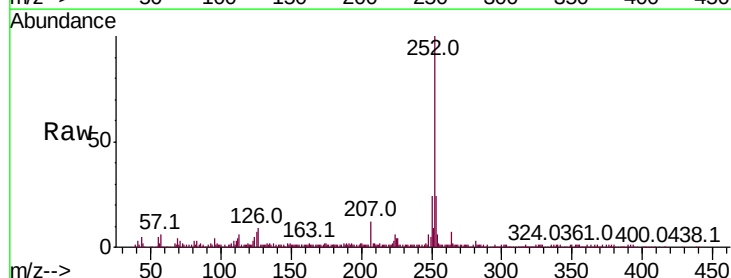
RT: 24.85 min Scan# 3704

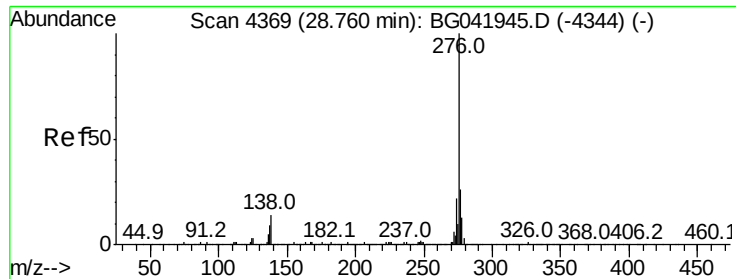
Delta R.T. -0.01 min

Lab File: BG041954.D

Acq: 4 Aug 2019 22:43

Tgt Ion:	252	Resp:	160693
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.3	27.5
125	6.8	6.5	9.7





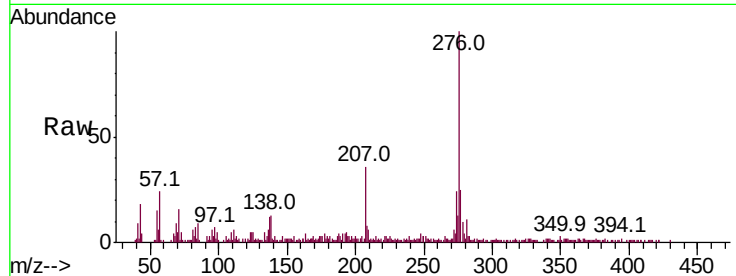
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.287 ng/ul m
RT: 28.74 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG041954.D
Acq: 4 Aug 2019 22:43

Instrument :
BNA_G
ClientSampled :
BENZ4

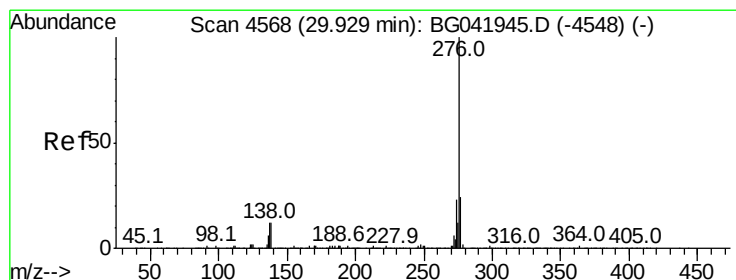
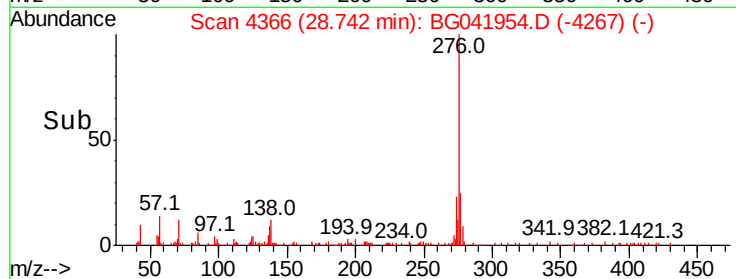
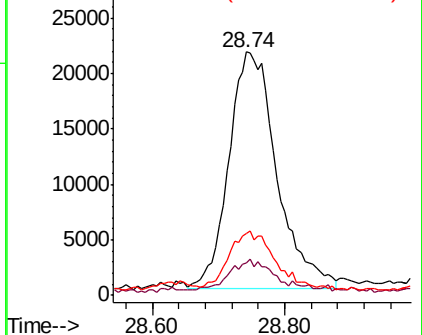
Tot Ion:276	Resp:	108041
Ion Ratio	Lower	Upper
276 100		
138 13.3	12.0	18.0
277 25.4	19.2	28.8

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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(g,h,i)perylene
Concen: 3.552 ng/ul m
RT: 29.91 min Scan# 4565
Delta R.T. -0.02 min
Lab File: BG041954.D
Acq: 4 Aug 2019 22:43

Tgt Ion:276	Resp:	97483
Ion Ratio	Lower	Upper
276 100		
138 15.6	12.6	18.8
277 24.8	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

