

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042150.D
 Acq On : 12 Aug 2019 17:43
 Operator : HP/JU
 Sample : K4028-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BEP68DL

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:50:24 AM

Quant Time: Aug 13 11:57:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	87801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	362533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	253520	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.43	188	523210	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	513450	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	583796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	575	0.29	ng/uL	0.00
5) Phenol-d5	7.18	99	15997	2.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	8629	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	15789	2.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	13115	2.27	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	7320	2.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	8126	2.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	18016m	2.82	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	11588m	1.63	ng/ul	0.02
43) Dimethylphthalate-d6	14.09	166	61027	3.10	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	73621	3.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.93	143	5122m	1.55	ng/ul	0.04
57) Fluorene-d10	15.68	176	55725	3.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	3445	1.03	ng/ul	0.00
70) Anthracene-d10	17.53	188	88772	3.54	ng/ul	0.00
78) Pyrene-d10	19.82	212	99709	3.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	103921	3.41	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	28903	1.480 ng/ul#	94
69) Phenanthrene	17.48	178	61741	2.156 ng/ul	99
76) Fluoranthene	19.49	202	145505	4.397 ng/ul	96
79) Pyrene	19.85	202	182993	5.298 ng/ul	98
82) Benzo(a)anthracene	21.70	228	108036	3.035 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	801709	43.223 ng/ul	96
84) Chrysene	21.77	228	116631	3.510 ng/ul	97
87) Benzo(b)fluoranthene	23.95	252	115428	3.151 ng/ul	99
90) Benzo(a)pyrene	24.83	252	96510	2.764 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.70	276	44527	1.093 ng/ul	93
93) Benzo(g,h,i)perylene	29.88	276	58272m	1.714 ng/ul	

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

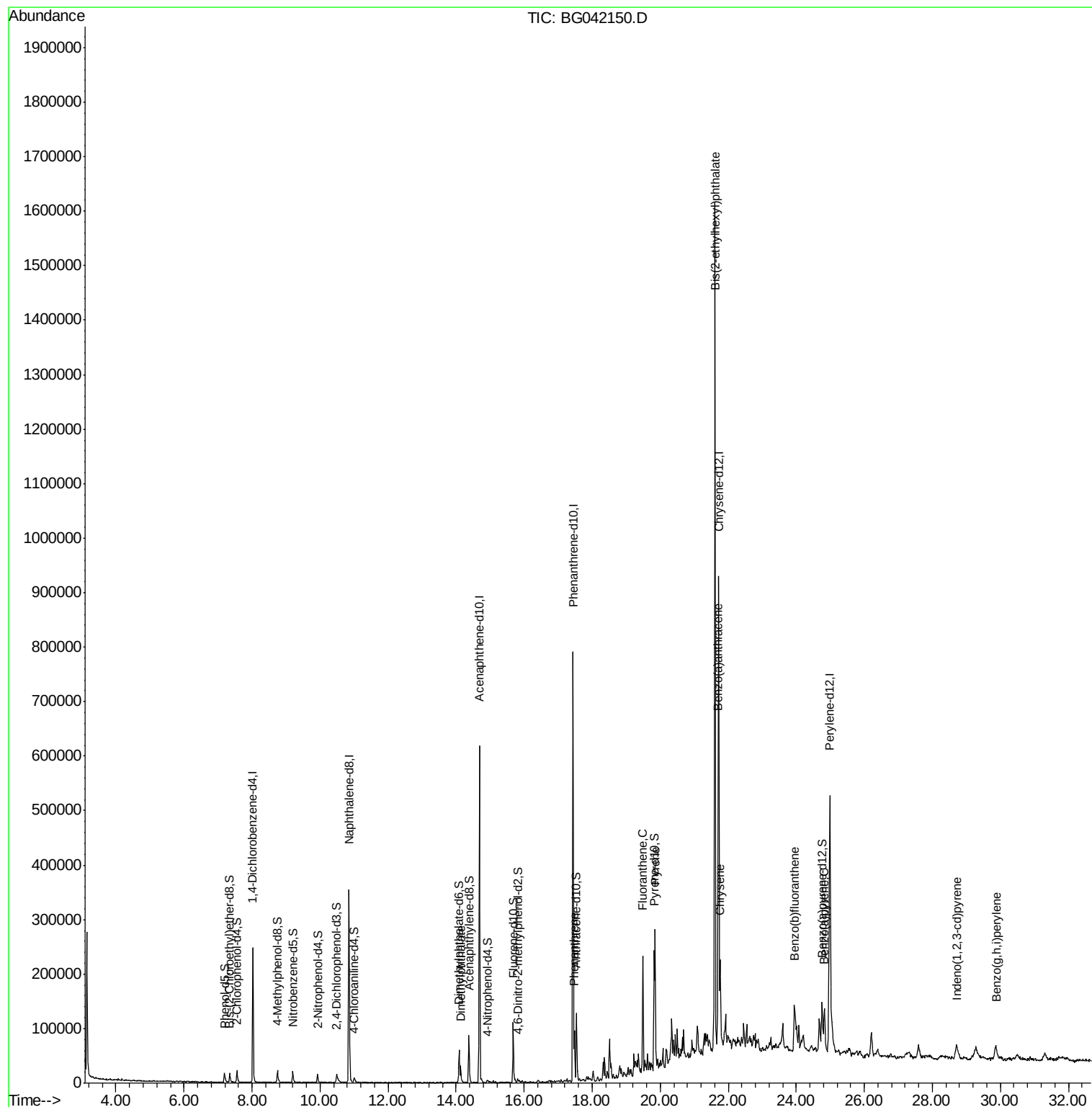
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042150.D
Acq On : 12 Aug 2019 17:43
Operator : HP/JU
Sample : K4028-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

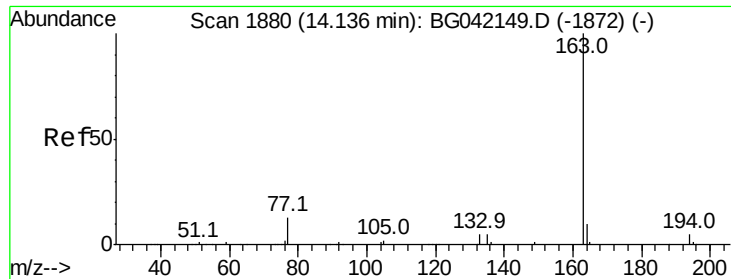
Instrument :
BNA_G
ClientSampleId :
BEP68DL

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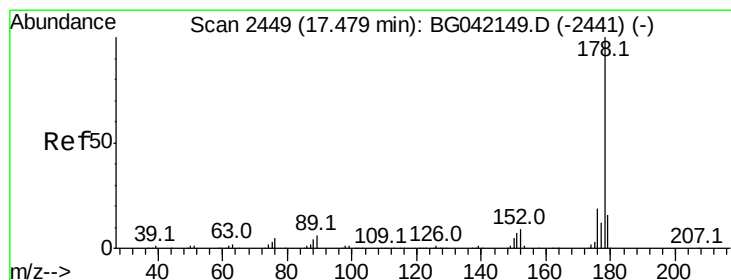
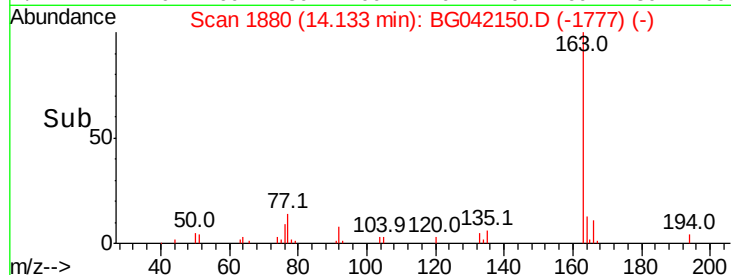
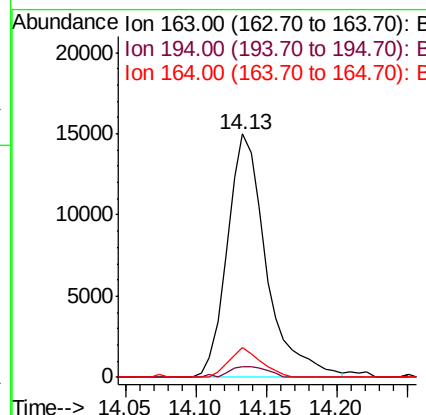
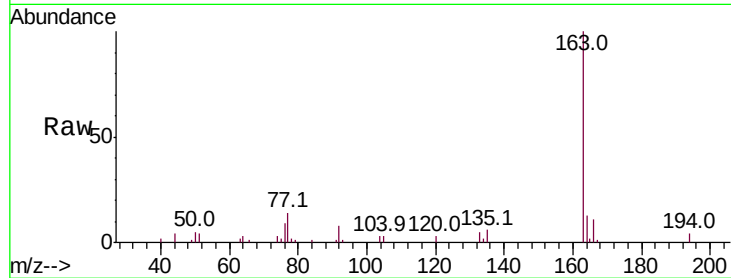
#44
Dimethylphthalate
Concen: 1.480 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_G
ClientSampleId :
BEP68DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	28903		
194	4.3		4.2	6.2
164	12.5		7.8	11.8#

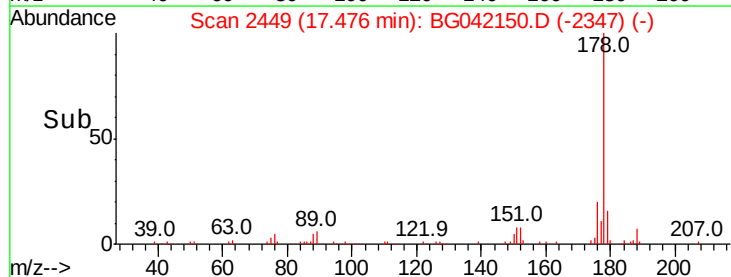
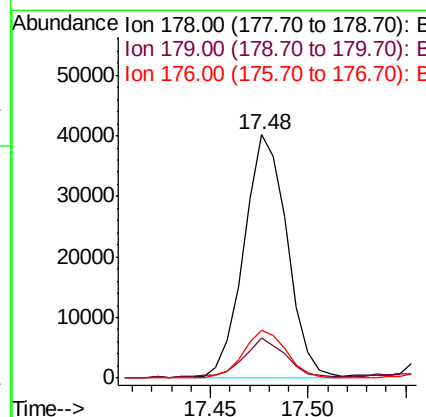
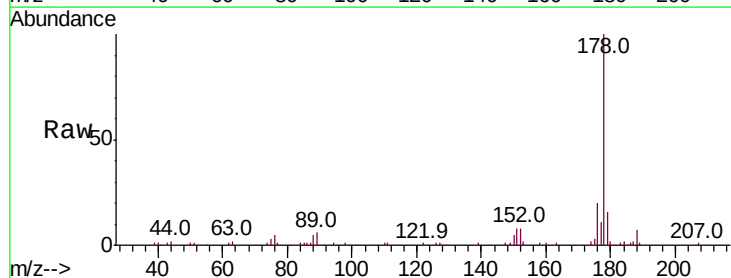
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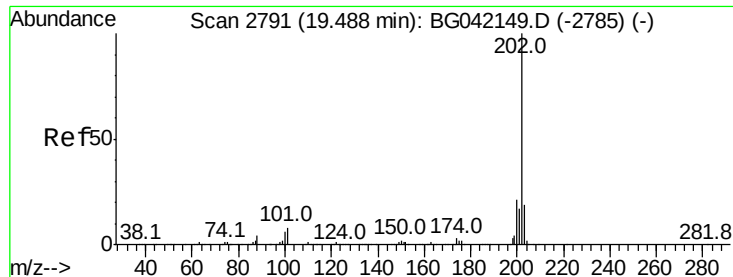
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#69
Phenanthrene
Concen: 2.156 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	61741		
179	16.2		12.8	19.2
176	19.6		15.4	23.2





#76

Fluoranthene

Concen: 4.397 ng/ul

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_G

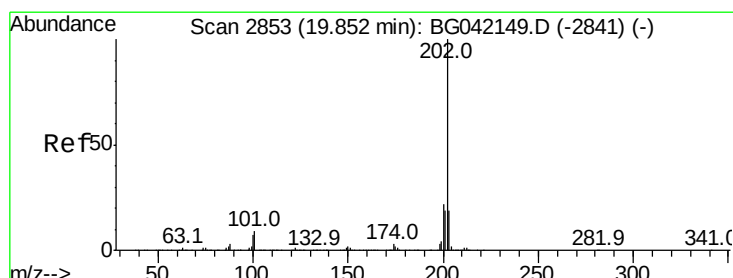
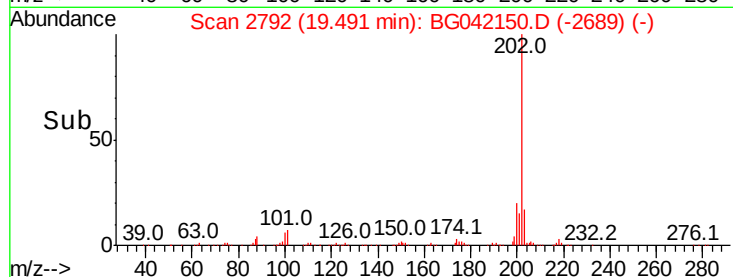
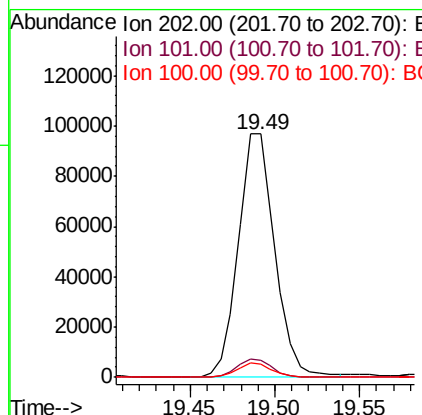
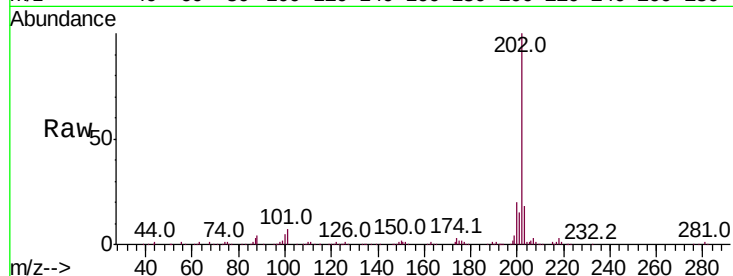
ClientSampleId :

BEP68DL

Tot Ion:	202	Resp:	145505
Ion Ratio	Lower	Upper	
202	100		
101	6.8	6.7	10.1
100	5.5	5.3	7.9

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#79

Pyrene

Concen: 5.298 ng/ul

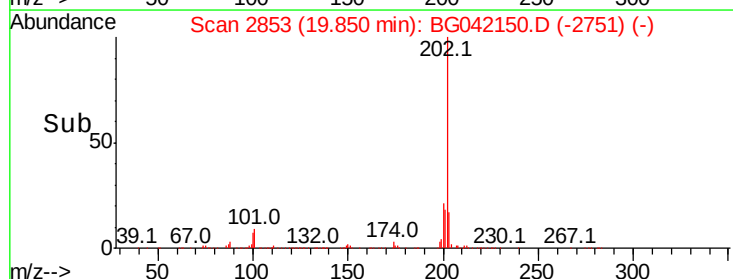
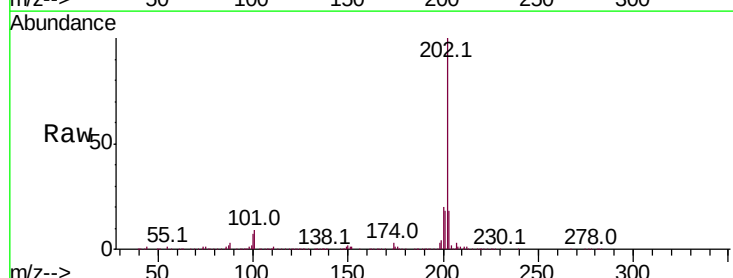
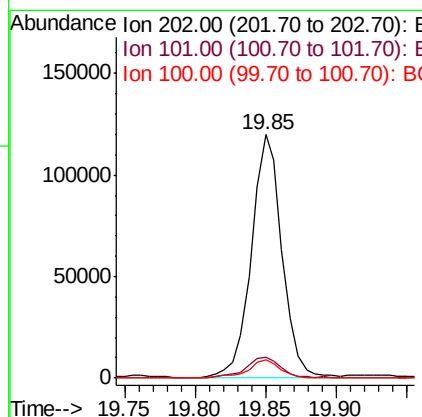
RT: 19.85 min Scan# 2853

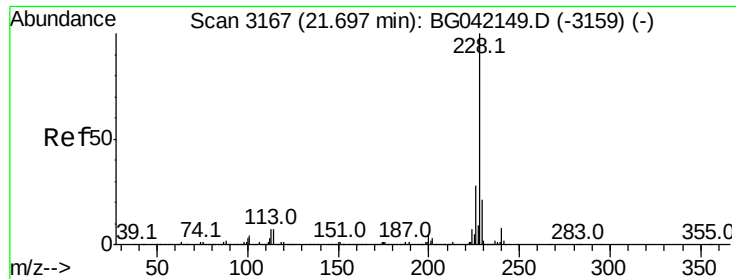
Delta R.T. -0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Tgt Ion:	202	Resp:	182993
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.6	11.4
100	7.3	6.5	9.7





#82

Benzo(a)anthracene

Concen: 3.035 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_G

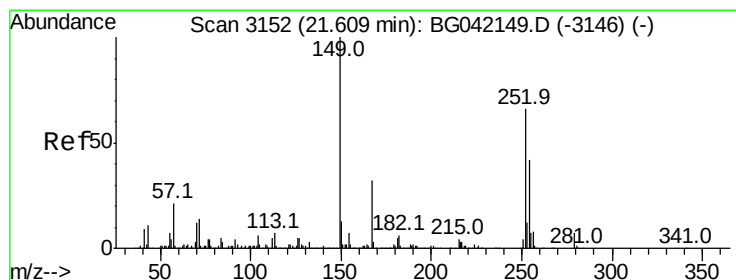
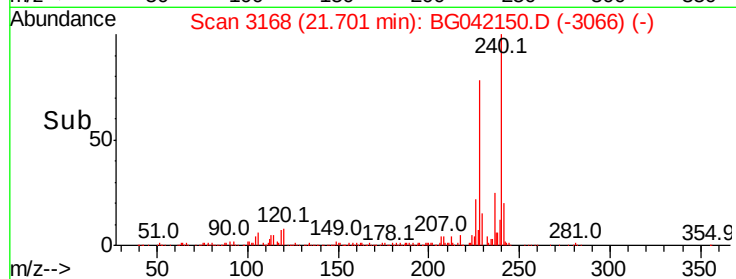
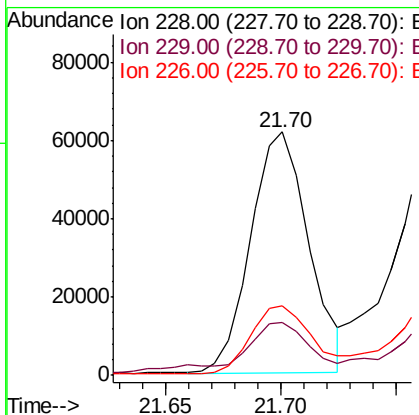
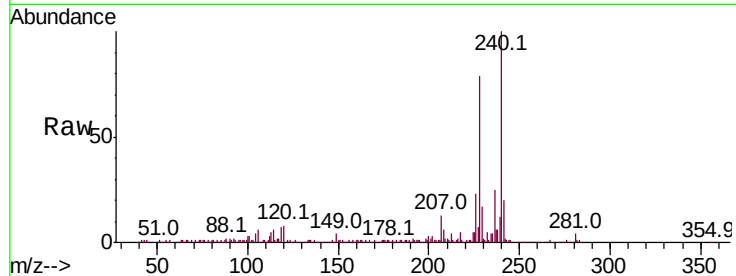
ClientSampleId :

BEP68DL

Tot Ion:	228	Resp:	108036
Ion Ratio	Lower	Upper	
228	100		
229	21.8	17.0	25.6
226	28.7	23.3	34.9

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#83

Bis(2-ethylhexyl)phthalate

Concen: 43.223 ng/ul

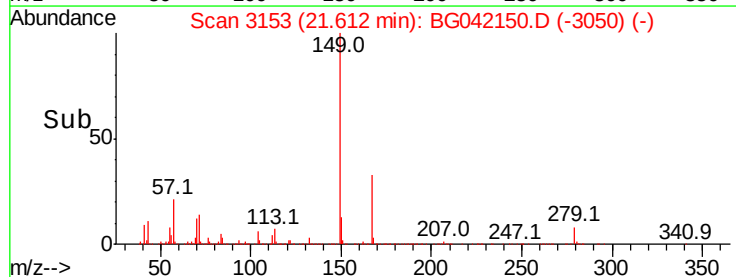
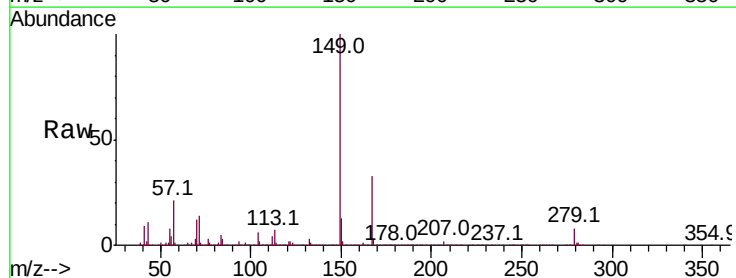
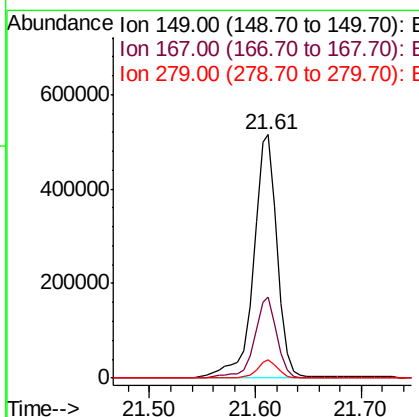
RT: 21.61 min Scan# 3153

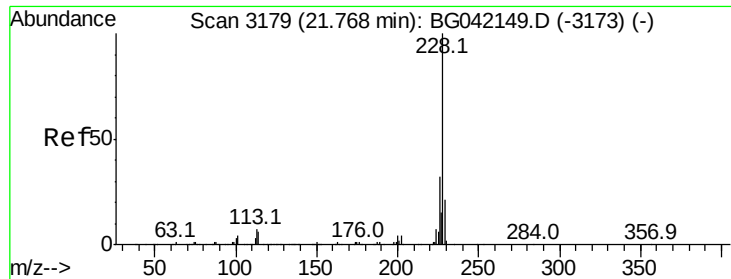
Delta R.T. 0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Tgt Ion:	149	Resp:	801709
Ion Ratio	Lower	Upper	
149	100		
167	33.5	25.0	37.4
279	7.7	5.2	7.8





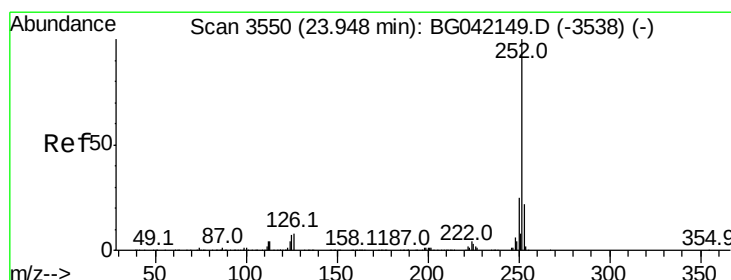
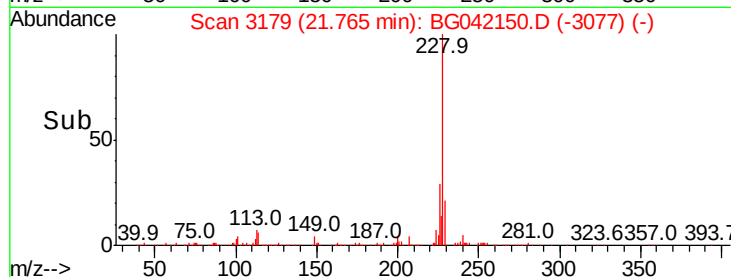
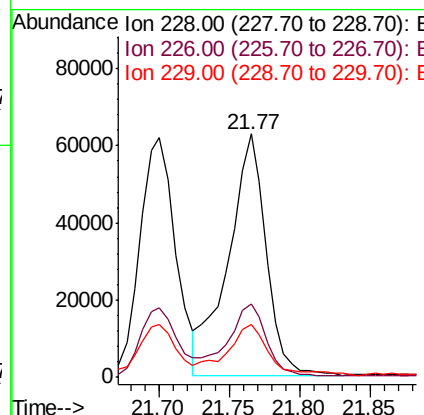
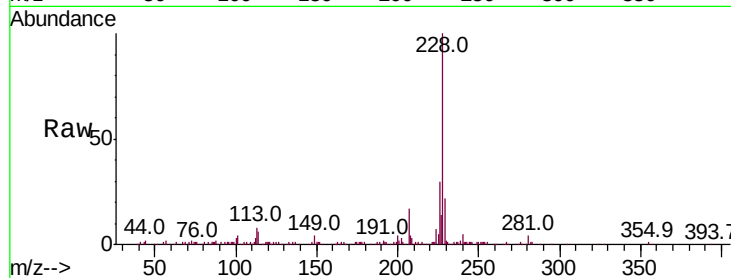
#84
Chrysene
Concen: 3.510 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_G
ClientSampleId :
BEP68DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100	116631		
226	30.0		25.7	38.5
229	21.7		16.6	24.8

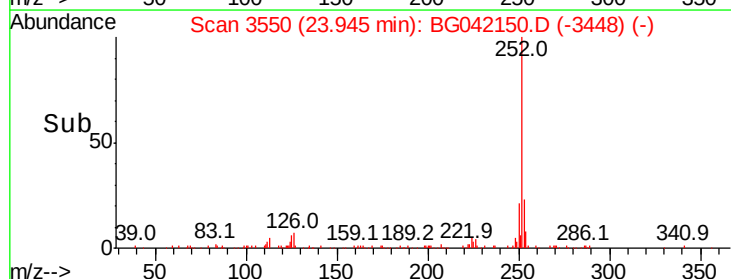
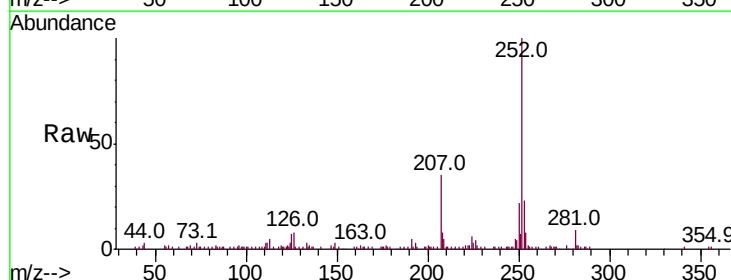
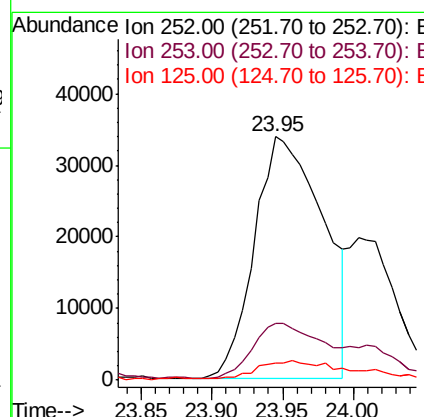
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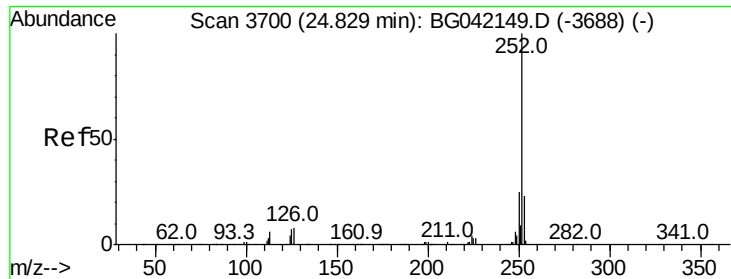
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#87
Benzo(b)fluoranthene
Concen: 3.151 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	115428		
253	23.3		18.4	27.6
125	6.8		5.8	8.8





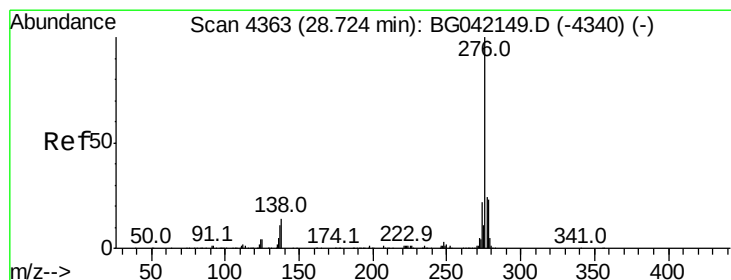
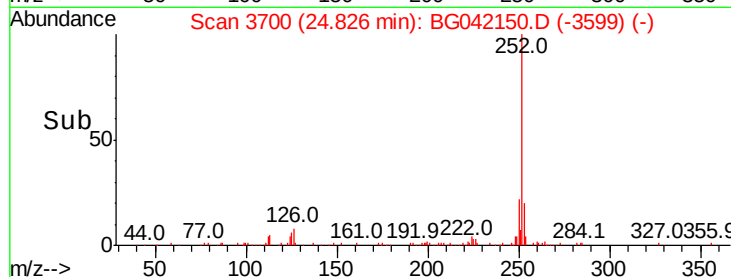
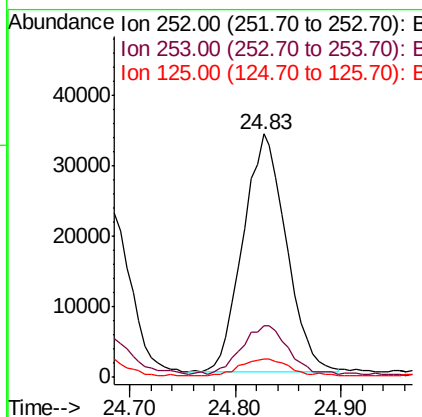
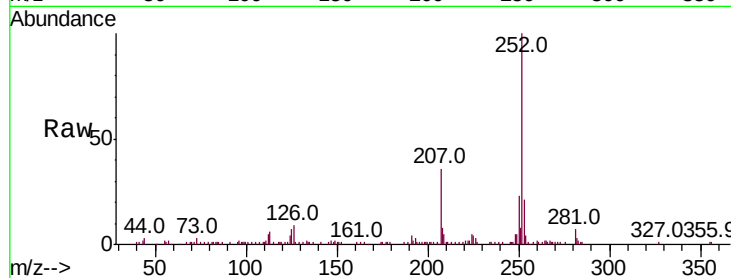
#90
Benzo(a)pyrene
Concen: 2.764 ng/ul
RT: 24.83 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Instrument :
BNA_G
ClientSampleId :
BEP68DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.3	27.5
125	7.5	6.5	9.7

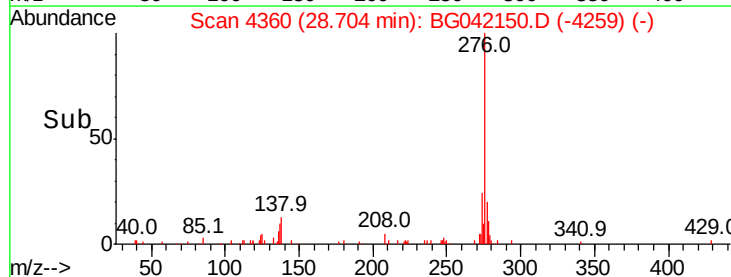
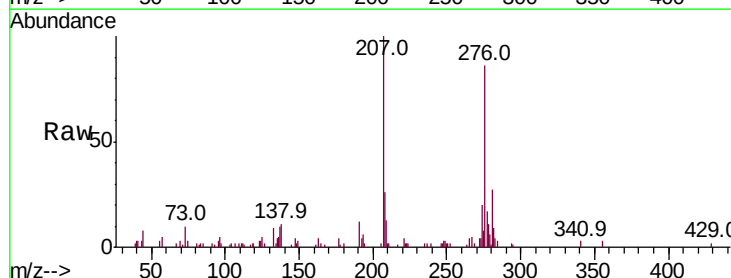
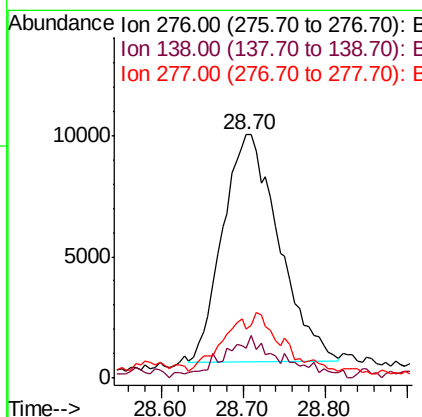
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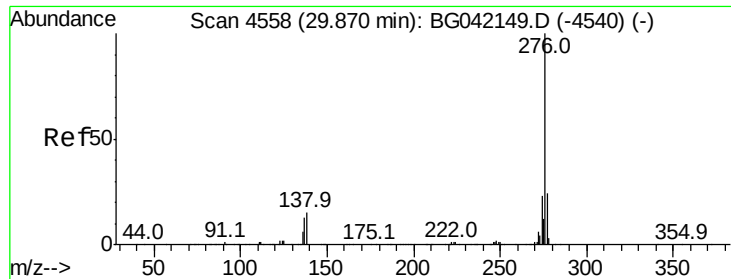
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.093 ng/ul
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042150.D
Acq: 12 Aug 2019 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	12.0	18.0
277	20.0	19.2	28.8





#93

Benzo(a,h,i)perylene

Concen: 1.714 ng/ul m

RT: 29.88 min Scan# 4560

Delta R.T. 0.00 min

Lab File: BG042150.D

Acq: 12 Aug 2019 17:43

Instrument :

BNA_G

ClientSampleId :

BEP68DL

Tot Ion:	276	Resp:	58272
Ion Ratio	Lower	Upper	
276	100		
138	14.0	12.6	18.8
277	24.1	19.2	28.8

Manual Integrations
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