

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
 Data File : BG046237.D
 Acq On : 12 Aug 2020 19:04
 Operator : CG/JU
 Sample : L3612-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBFP4

Manual Integrations
 APPROVED

mohammad
 8/13/2020 11:47:06 AM

Quant Time: Aug 13 00:42:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 13:12:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	108872	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	440194	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.57	164	282201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	634106	20.00	ng/ul	0.00
78) Chrysene-d12	21.56	240	644491	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	681155	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4460	2.02	ng/uL	0.00
5) Phenol-d5	7.11	99	93455	10.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	59610	11.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	79503	11.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	69009	9.57	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	38913	12.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	45348	14.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	81038	11.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	69345	8.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	282990	12.86	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	320319	12.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	36349m	10.11	ng/ul	0.00
58) Fluorene-d10	15.57	176	247416	12.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	38999	12.29	ng/ul	0.00
71) Anthracene-d10	17.41	188	376184	12.86	ng/ul	0.00
79) Pyrene-d10	19.70	212	446804	13.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.46	264	468038	12.40	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.03	163	164540	7.454	ng/ul	98
70) Phenanthrene	17.36	178	94566	2.672	ng/ul	98
77) Fluoranthene	19.36	202	254472	6.555	ng/ul	98
80) Pyrene	19.73	202	205422	4.714	ng/ul	98
83) Benzo(a)anthracene	21.54	228	133377	3.142	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	37704	1.733	ng/ul	97
85) Chrysene	21.61	228	125810	3.049	ng/ul	98
88) Benzo(b)fluoranthene	23.69	252	192080	4.174	ng/ul	98
89) Benzo(k)fluoranthene	23.75	252	69180m	1.531	ng/ul	
91) Benzo(a)pyrene	24.52	252	114036	2.702	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.16	276	84464	1.603	ng/ul#	90
94) Benzo(g,h,i)perylene	29.26	276	79184m	1.778	ng/ul	

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

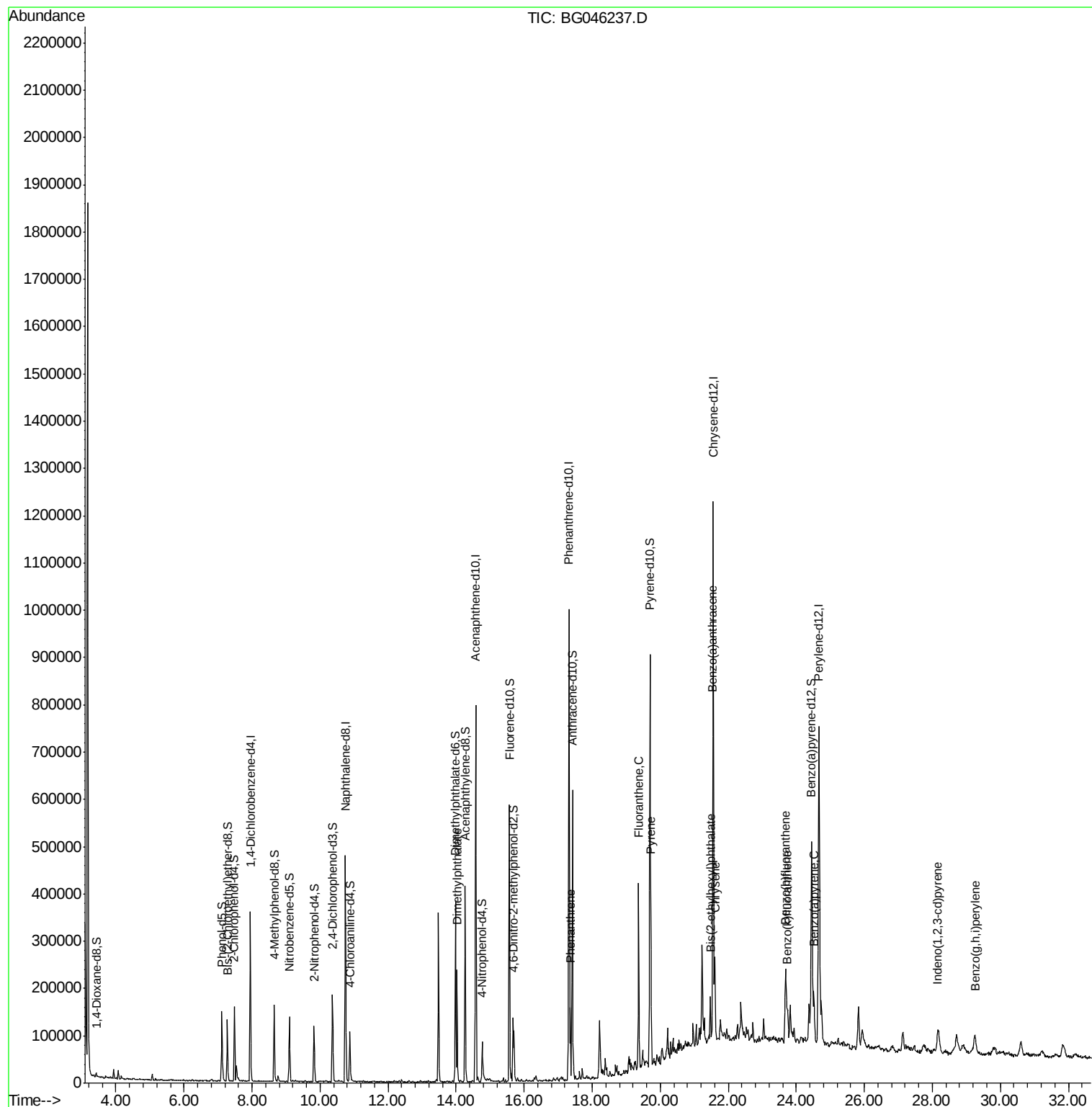
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046237.D
Acq On : 12 Aug 2020 19:04
Operator : CG/JU
Sample : L3612-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

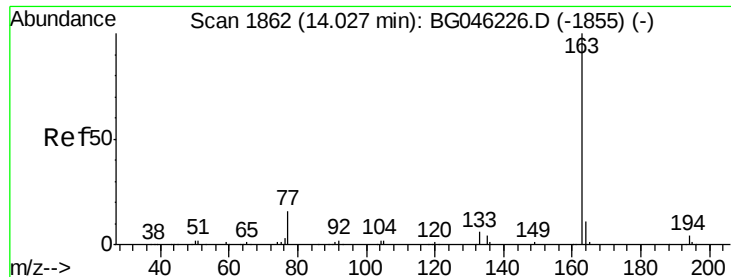
Instrument :
BNA_G
ClientSampleId :
DBFP4

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
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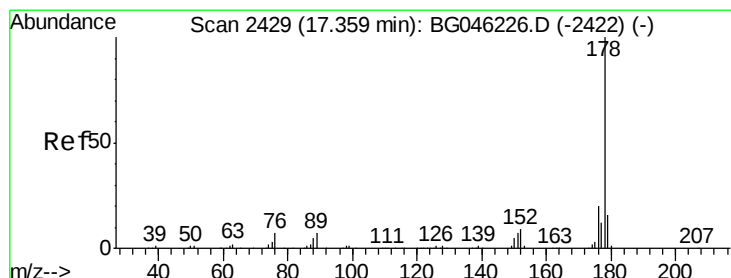
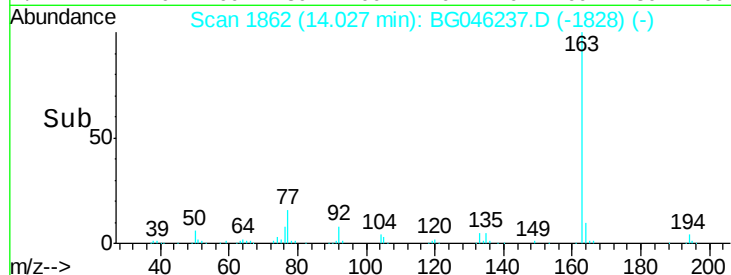
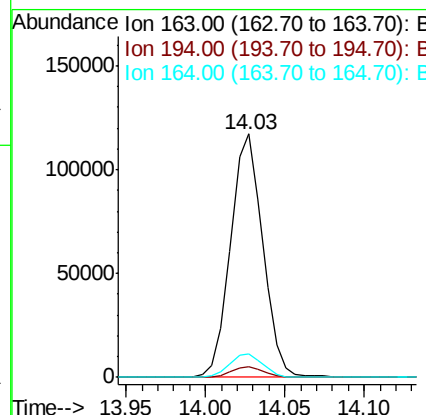
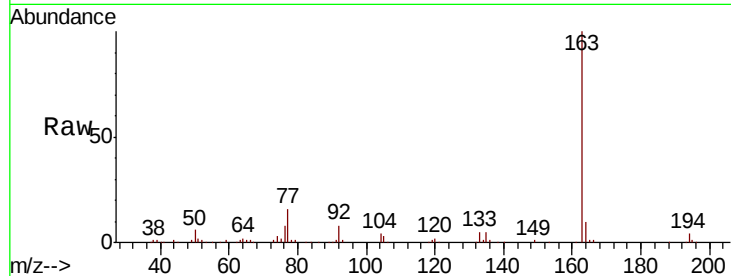
#45
Dimethylphthalate
Concen: 7.454 ng/ul
RT: 14.03 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BG046237.D
Acq: 12 Aug 2020 19:04

Instrument :
BNA_G
ClientSampleId :
DBFP4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	164540		
194	4.5		3.4	5.0
164	9.8		8.7	13.1

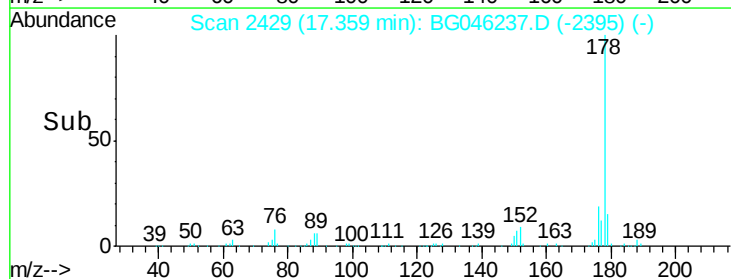
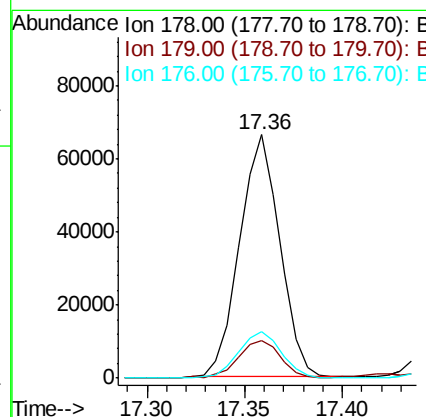
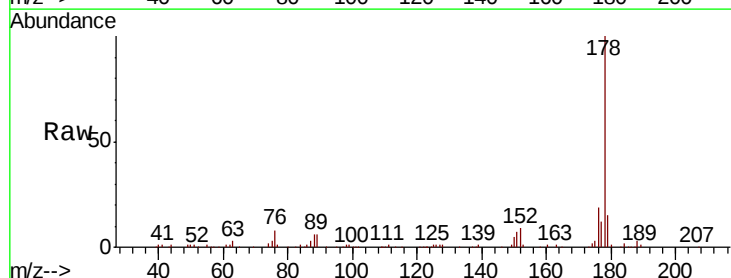
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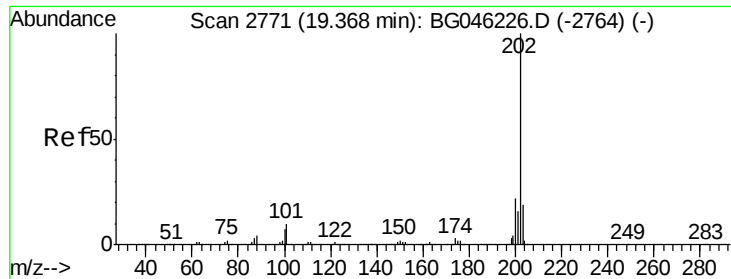
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#70
Phenanthrene
Concen: 2.672 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046237.D
Acq: 12 Aug 2020 19:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	94566		
179	15.2		13.0	19.6
176	19.3		16.0	24.0





#77

Fluoranthene

Concen: 6.555 ng/ul

RT: 19.36 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Instrument :

BNA_G

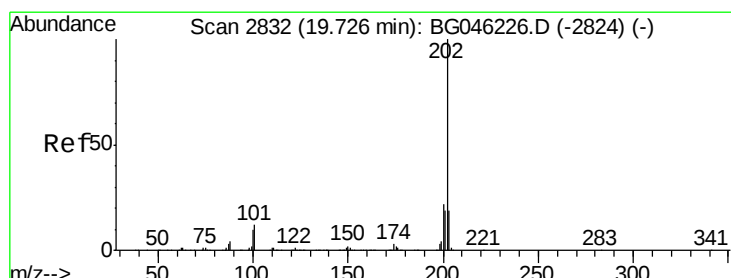
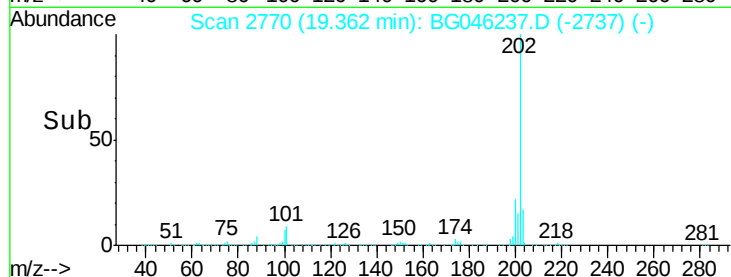
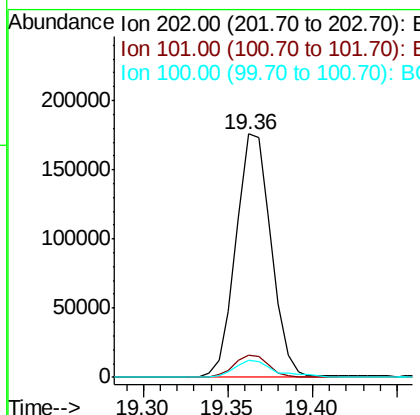
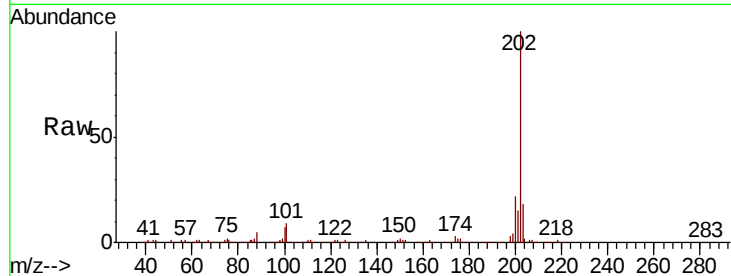
ClientSampleId :

DBFP4

Tot Ion:	202	Resp:	254472
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.8	11.6
100	6.9	6.5	9.7

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#80

Pyrene

Concen: 4.714 ng/ul

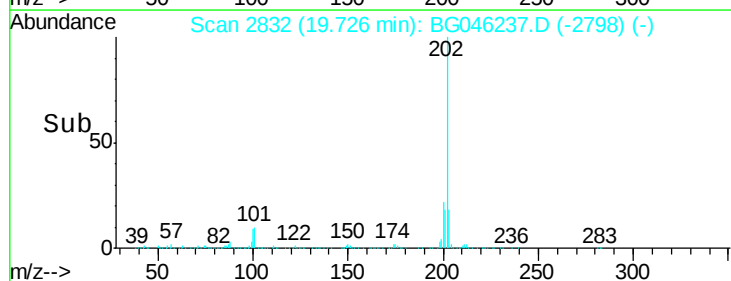
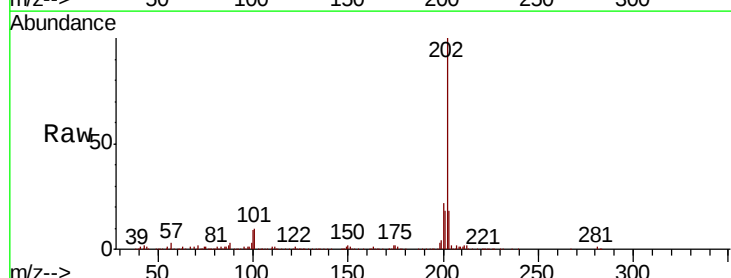
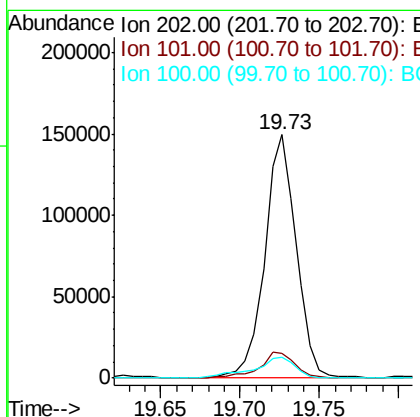
RT: 19.73 min Scan# 2832

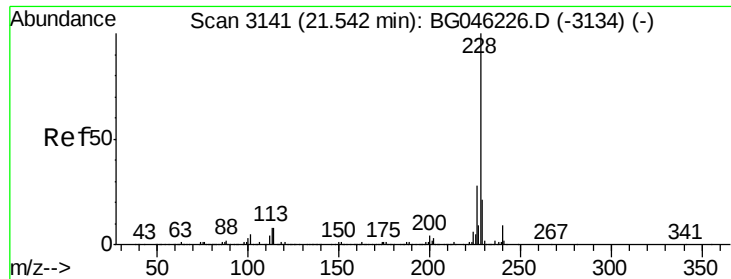
Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Tgt Ion:	202	Resp:	205422
Ion Ratio	Lower	Upper	
202	100		
101	10.3	9.0	13.4
100	8.6	7.6	11.4





#83

Benzo(a)anthracene

Concen: 3.142 ng/ul

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Instrument :

BNA_G

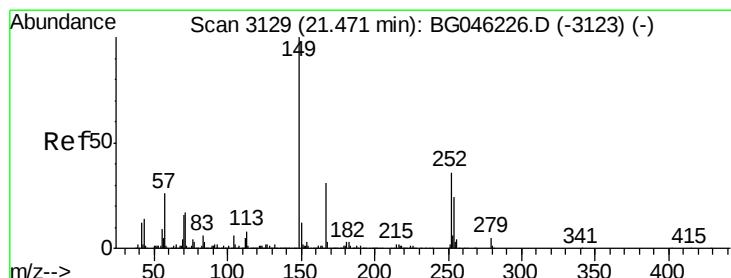
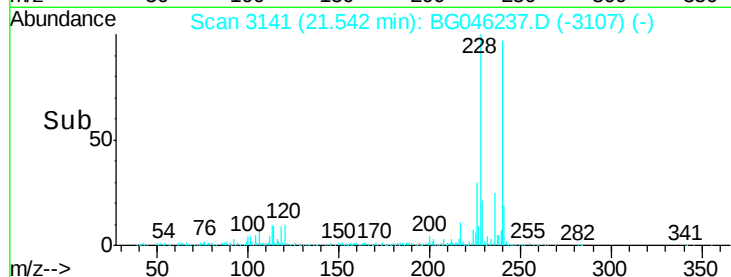
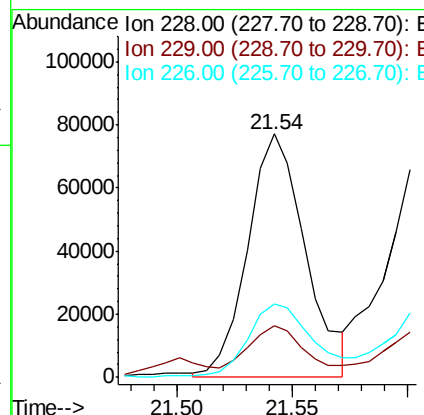
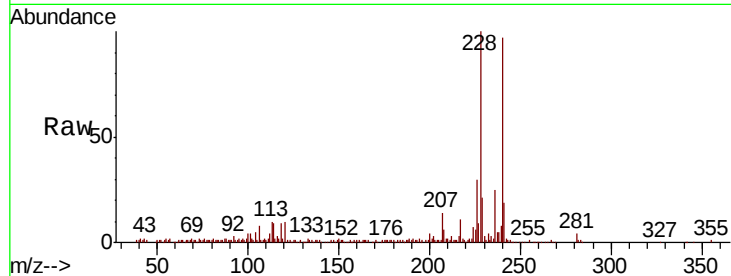
ClientSampled :

DBFP4

Tot Ion:	228	Resp:	133377
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.2	24.4
226	30.0	22.6	33.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 1.733 ng/ul

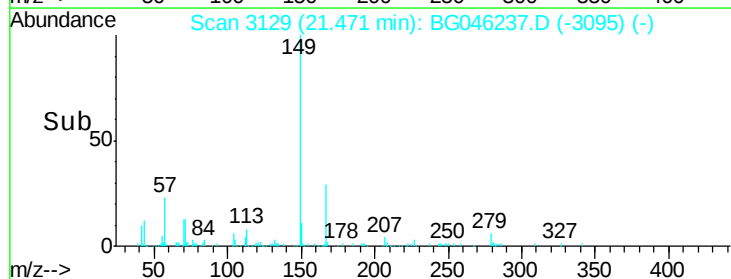
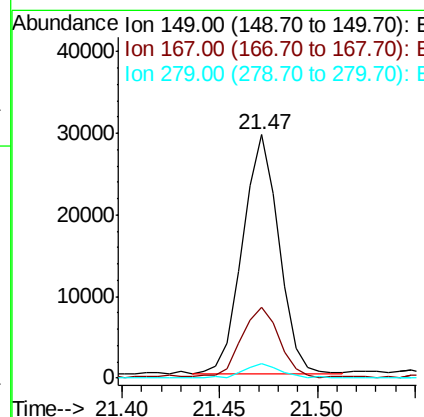
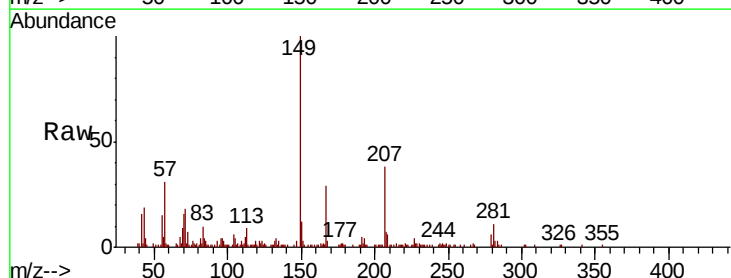
RT: 21.47 min Scan# 3129

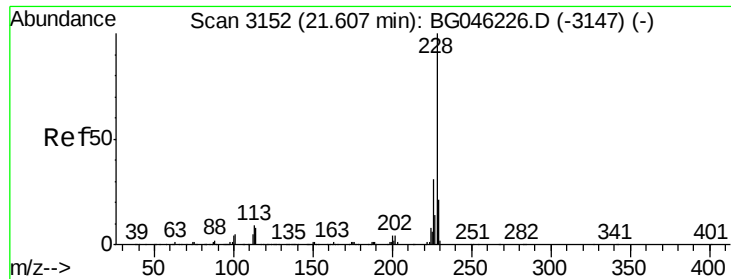
Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Tgt Ion:	149	Resp:	37704
Ion Ratio	Lower	Upper	
149	100		
167	29.2	24.6	37.0
279	5.9	4.1	6.1





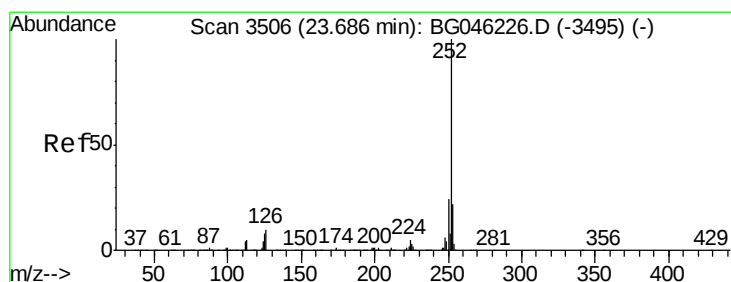
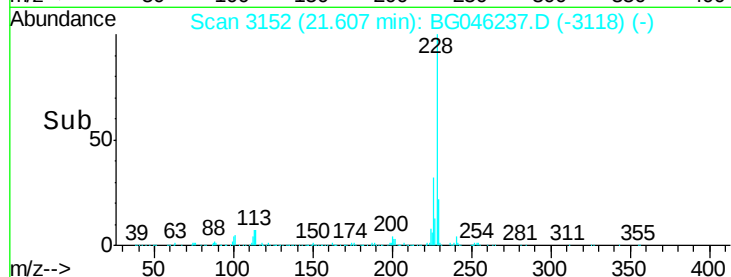
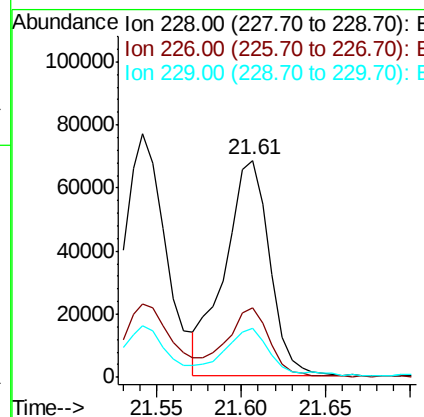
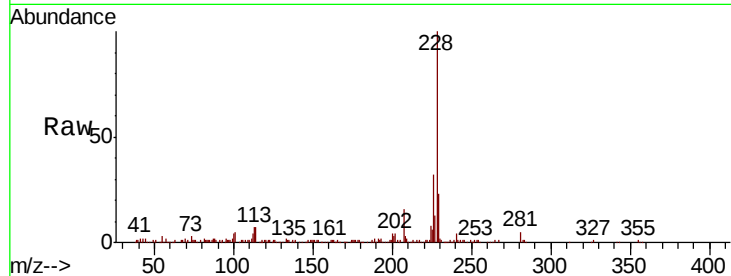
#85
 Chrysene
 Concen: 3.049 ng/ul
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG046237.D
 Acq: 12 Aug 2020 19:04

Instrument :
 BNA_G
 ClientSampleId :
 DBFP4

Tot Ion:	228	Resp:	125810
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.3	37.9
229	22.8	16.9	25.3

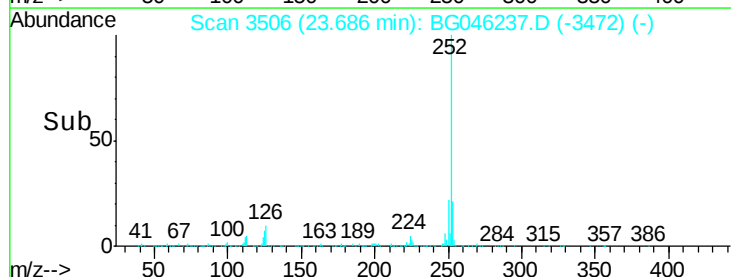
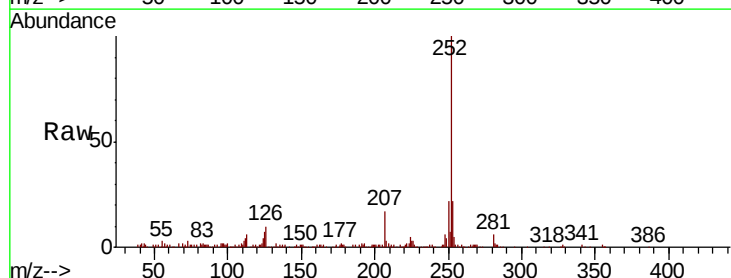
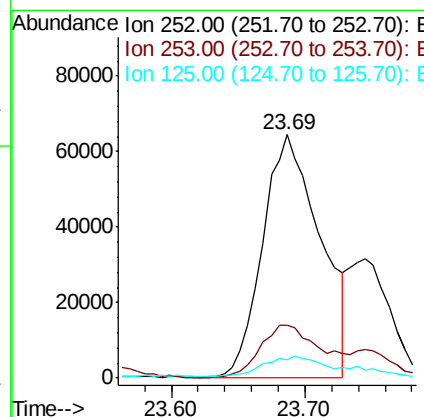
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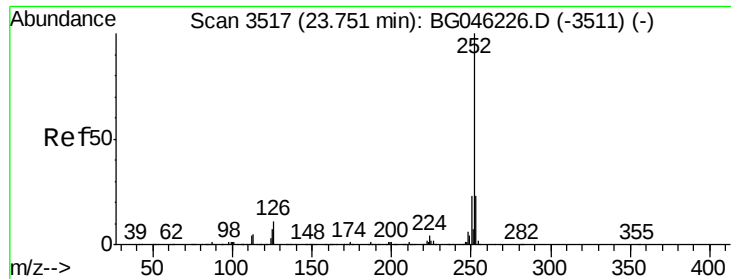
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#88
 Benzo(b)fluoranthene
 Concen: 4.174 ng/ul
 RT: 23.69 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: BG046237.D
 Acq: 12 Aug 2020 19:04

Tgt Ion:	252	Resp:	192080
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	7.3	6.3	9.5





#89

Benzo(k)fluoranthene

Concen: 1.531 ng/ul

RT: 23.75 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Instrument :

BNA_G

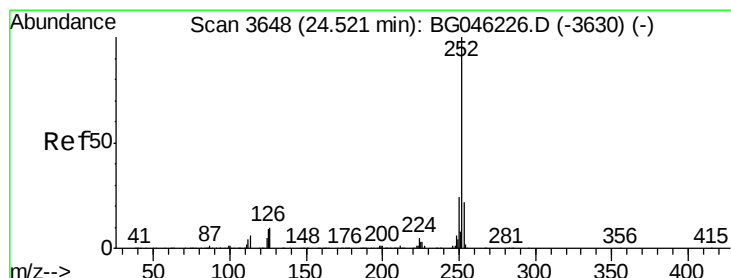
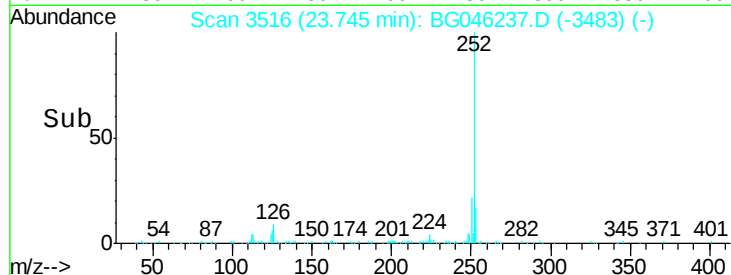
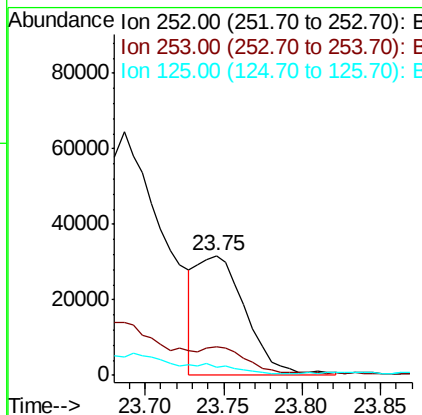
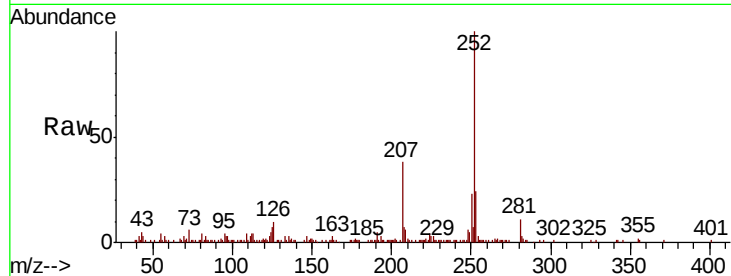
ClientSampleId :

DBFP4

Tot Ion:	252	Resp:	69180
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.8	28.2
125	6.9	6.7	10.1

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#91

Benzo(a)pyrene

Concen: 2.702 ng/ul

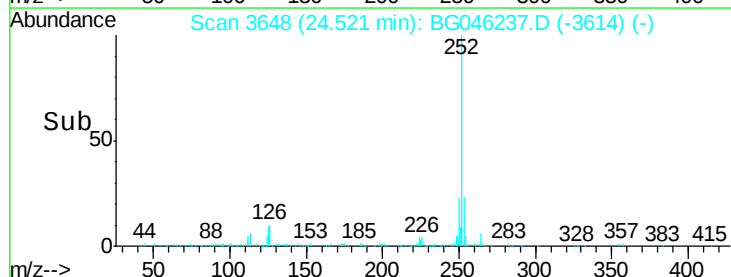
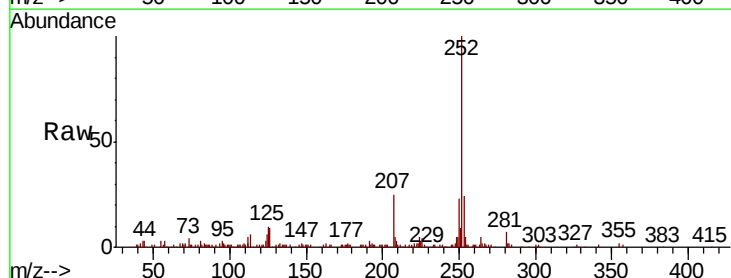
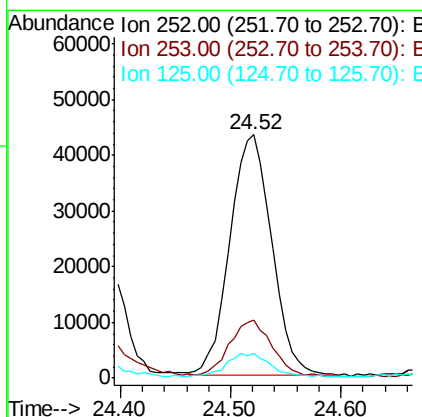
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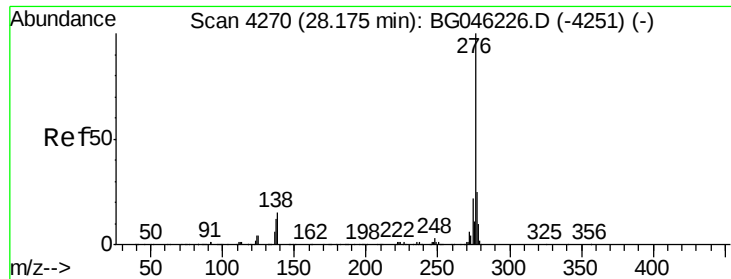
Delta R.T. 0.00 min

Lab File: BG046237.D

Acq: 12 Aug 2020 19:04

Tgt Ion:	252	Resp:	114036
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	10.2	7.4	11.2





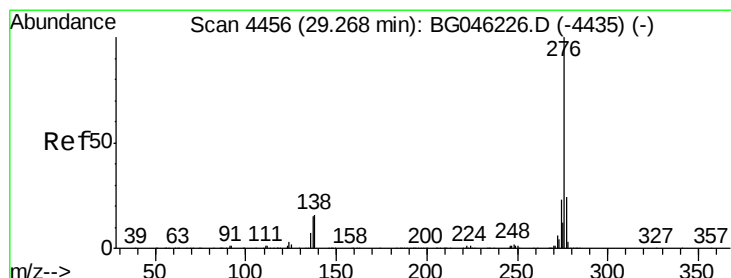
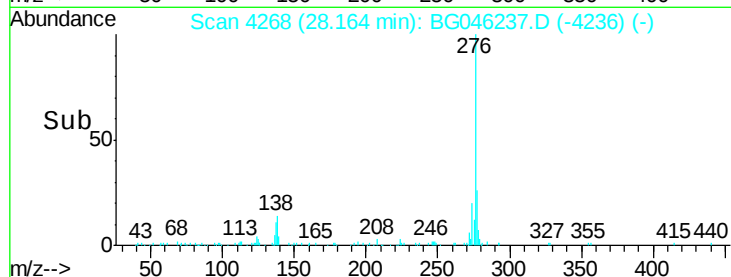
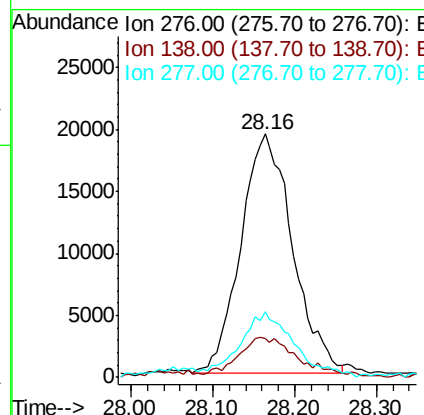
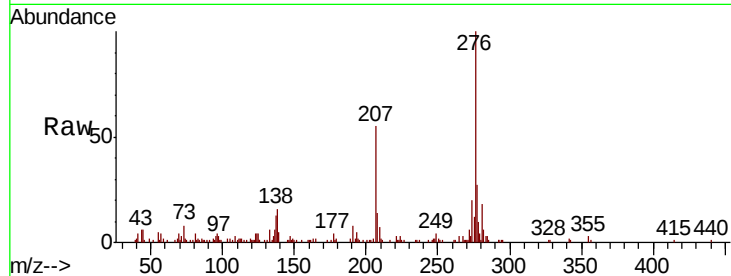
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.603 ng/ul
 RT: 28.16 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046237.D
 Acq: 12 Aug 2020 19:04

Instrument :
 BNA_G
 ClientSampled :
 DBFP4

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	12.6	18.8#
277	27.1	18.5	27.7

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#94
 Benzo(g,h,i)perylene
 Concen: 1.778 ng/ul m
 RT: 29.26 min Scan# 4455
 Delta R.T. -0.01 min
 Lab File: BG046237.D
 Acq: 12 Aug 2020 19:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.6	20.4
277	21.6	18.8	28.2

