

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
 Data File : BG046234.D
 Acq On : 12 Aug 2020 17:01
 Operator : CG/JU
 Sample : L3612-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DBFP6

Manual Integrations
 APPROVED

mohammad
 8/13/2020 11:47:01 AM

Quant Time: Aug 12 17:38:15 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	103482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	416014	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.57	164	270620	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.31	188	614092	20.00	ng/ul	0.00
78) Chrysene-d12	21.56	240	638559	20.00	ng/ul	0.00
86) Perylene-d12	24.66	264	673294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	5398	2.58	ng/uL	0.01
5) Phenol-d5	7.11	99	107603	13.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	73639	14.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	93171	14.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	68264	9.96	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	47579	16.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	55689	18.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	93599	13.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	100242	13.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	337767	16.00	ng/ul	0.00
47) Acenaphthylene-d8	14.26	160	373092	14.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	38613m	11.20	ng/ul	0.00
58) Fluorene-d10	15.57	176	288522	15.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	47111	15.33	ng/ul	0.00
71) Anthracene-d10	17.41	188	421968	14.90	ng/ul	0.00
79) Pyrene-d10	19.70	212	522420	15.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.45	264	533987	14.31	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.03	163	183095	8.650	ng/ul	98
77) Fluoranthene	19.36	202	104444	2.778	ng/ul#	98
80) Pyrene	19.73	202	87005	2.015	ng/ul	97
83) Benzo(a)anthracene	21.54	228	50686	1.205	ng/ul	95
85) Chrysene	21.60	228	56169	1.374	ng/ul	97
88) Benzo(b)fluoranthene	23.68	252	93175	2.048	ng/ul	97
91) Benzo(a)pyrene	24.52	252	50351	1.207	ng/ul	99

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

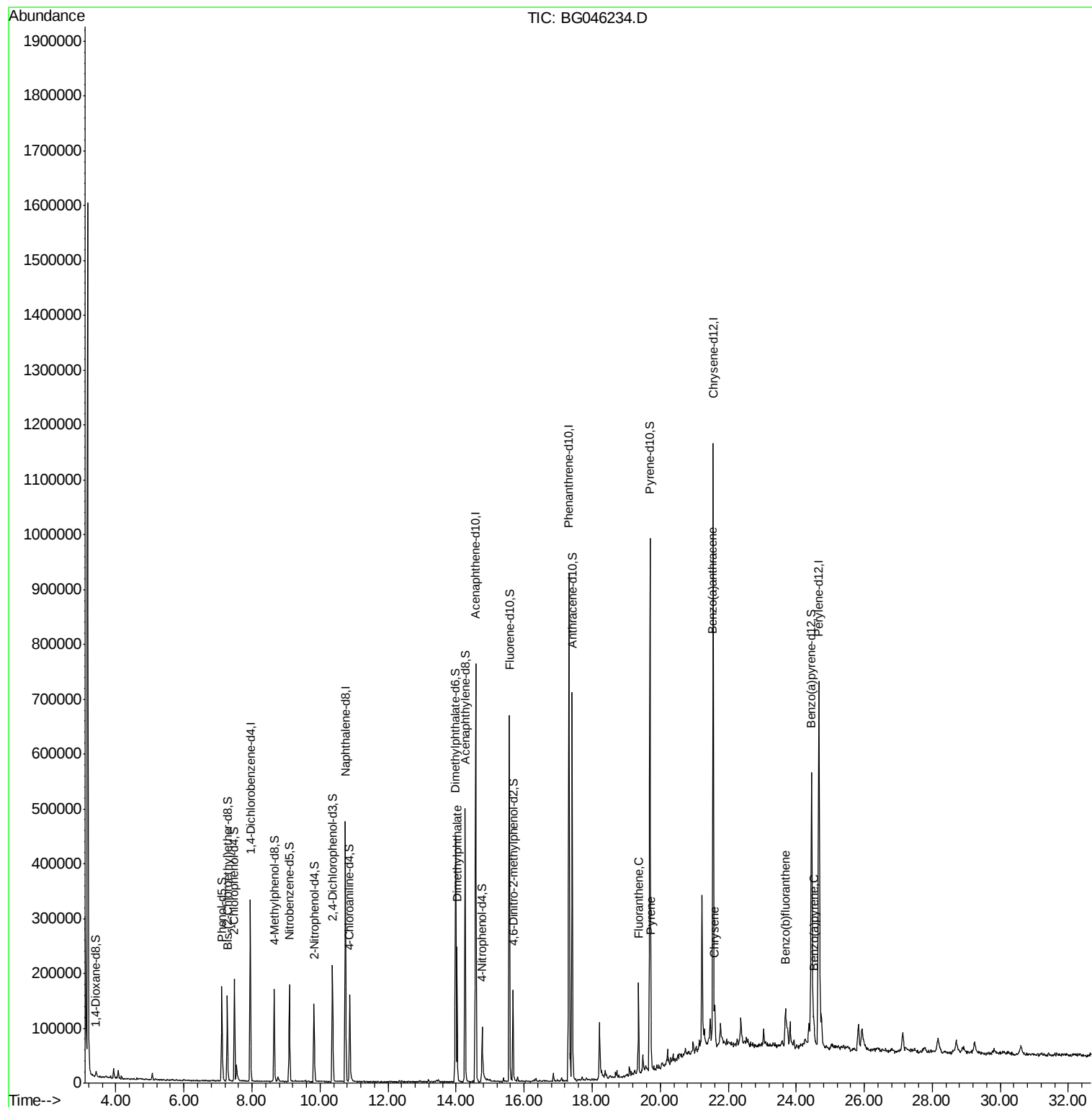
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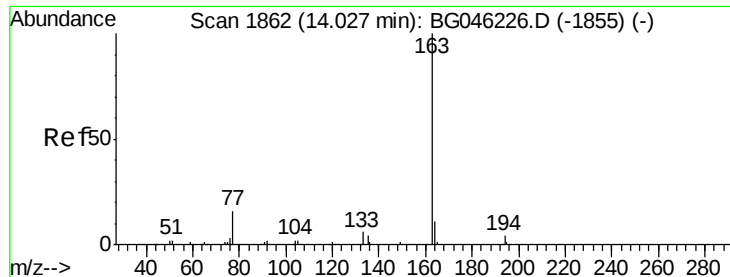
Instrument :
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ClientSampleId :
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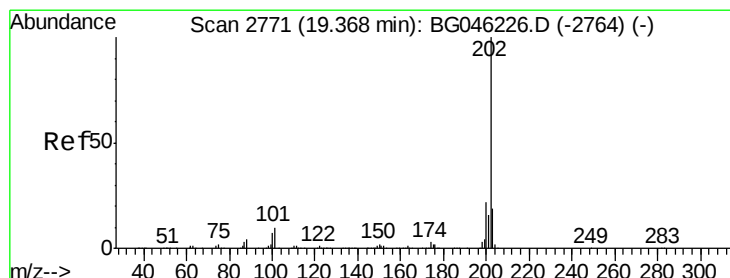
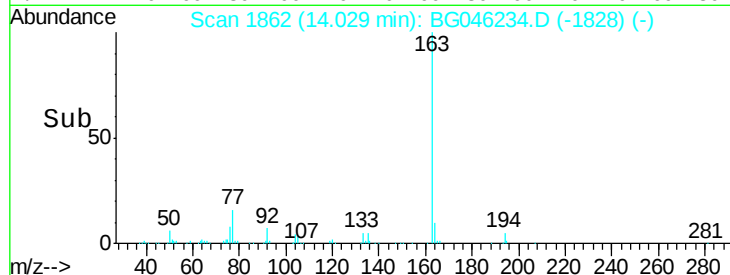
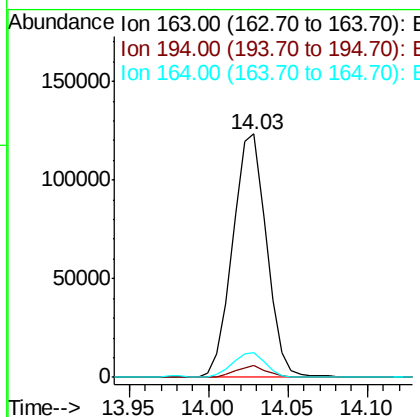
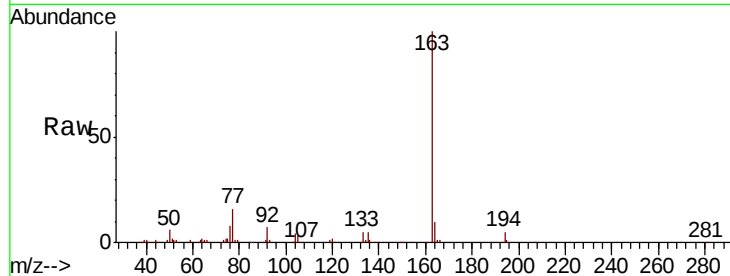
#45
Dimethylphthalate
Concen: 8.650 ng/ul
RT: 14.03 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BG046234.D
Acq: 12 Aug 2020 17:01

Instrument :
BNA_G
ClientSampleId :
DBFP6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	183095		
194	4.7	3.4	5.0	
164	9.9	8.7	13.1	

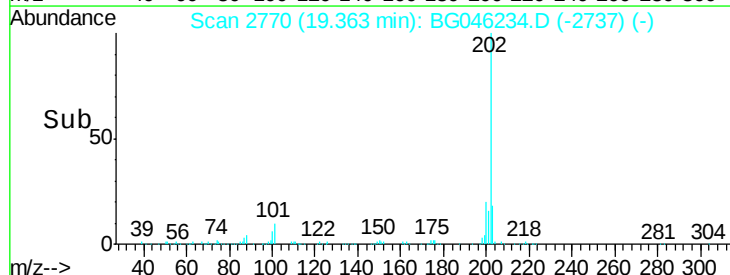
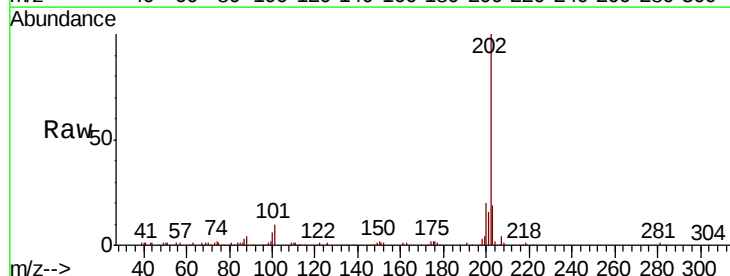
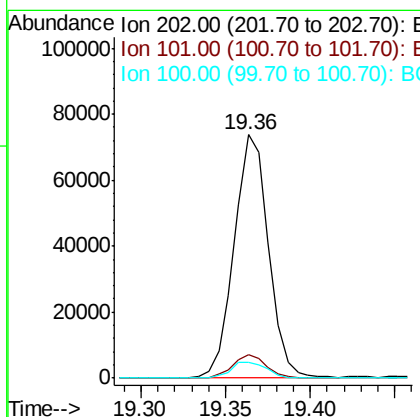
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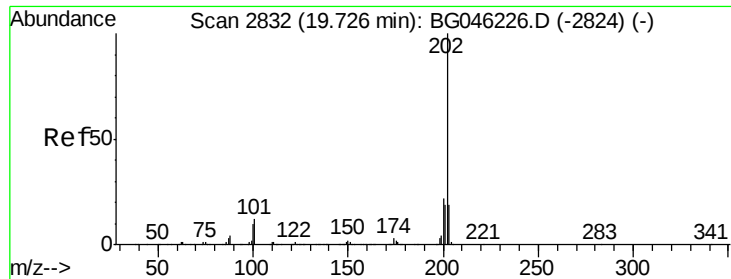
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#77
Fluoranthene
Concen: 2.778 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046234.D
Acq: 12 Aug 2020 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	104444		
101	9.5	7.8	11.6	
100	6.4	6.5	9.7#	





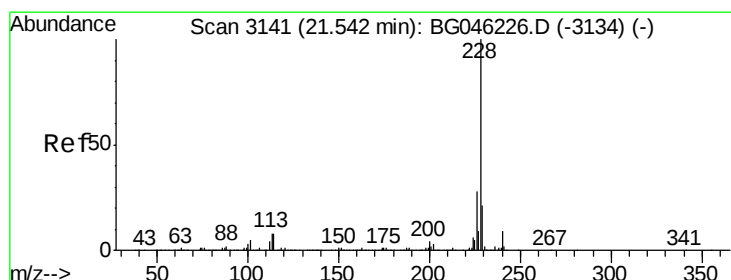
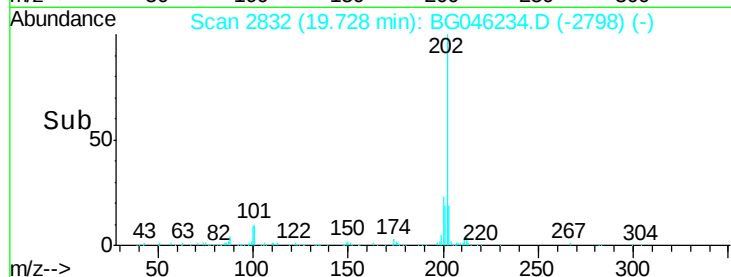
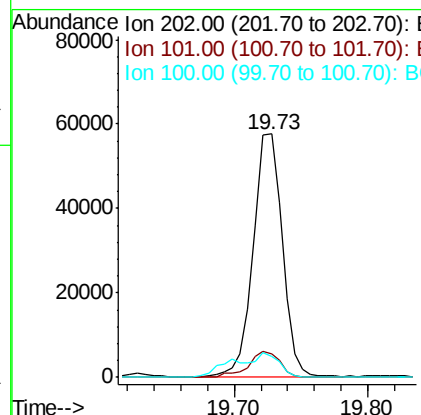
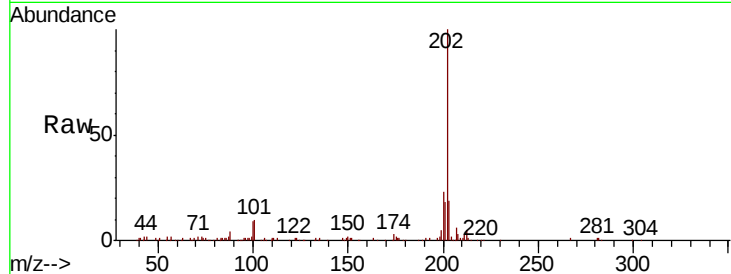
#80
Pvrene
Concen: 2.015 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046234.D
Acq: 12 Aug 2020 17:01

Instrument :
BNA_G
ClientSampleId :
DBFP6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	9.0	13.4
100	8.7	7.6	11.4

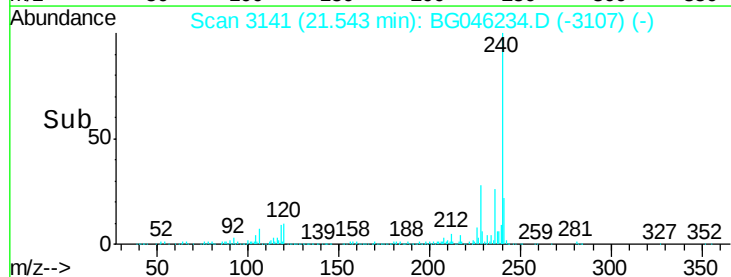
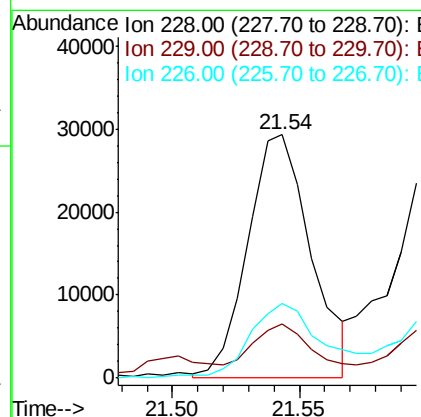
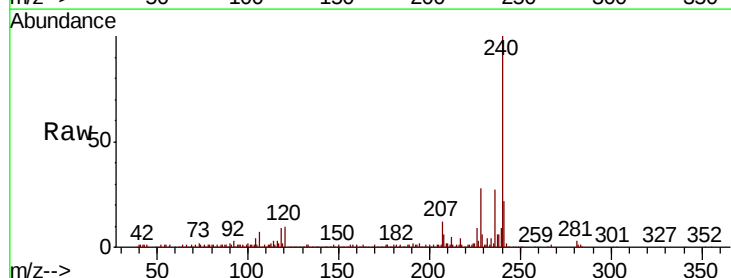
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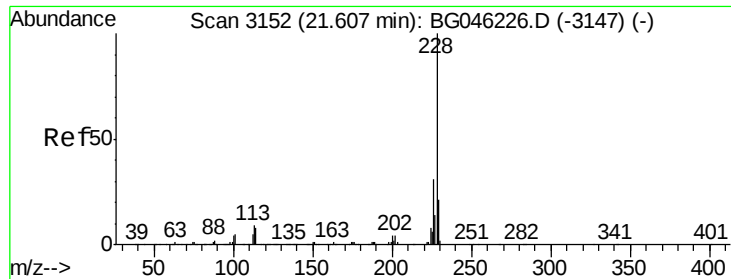
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#83
Benzo(a)anthracene
Concen: 1.205 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046234.D
Acq: 12 Aug 2020 17:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	16.2	24.4
226	30.9	22.6	33.8





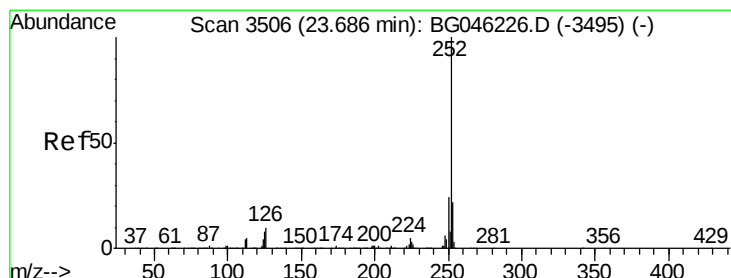
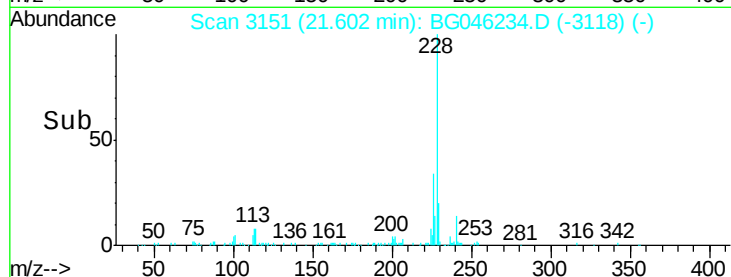
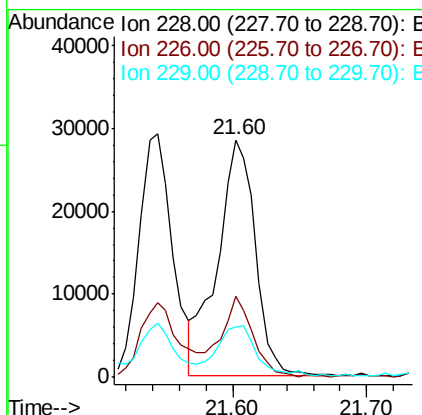
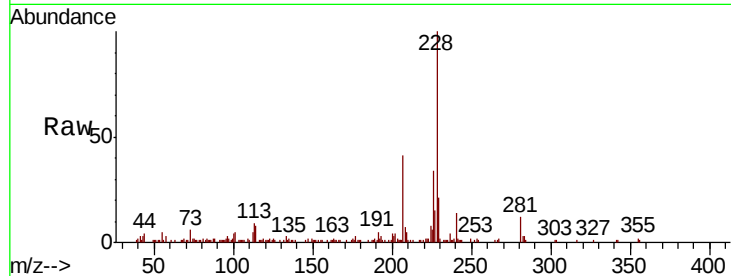
#85
 Chrysene
 Concen: 1.374 ng/ul
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG046234.D
 Acq: 12 Aug 2020 17:01

Instrument :
 BNA_G
 ClientSampleId :
 DBFP6

Tot Ion:	228	Resp:	56169
Ion Ratio	Lower	Upper	
228	100		
226	34.3	25.3	37.9
229	21.2	16.9	25.3

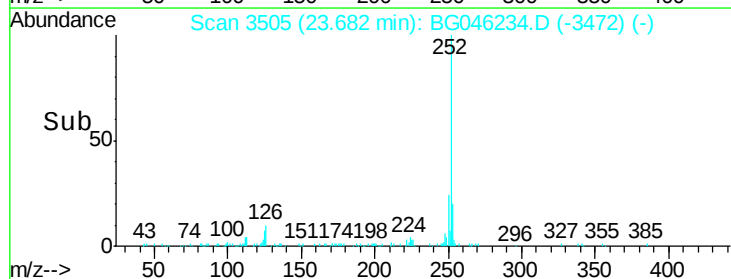
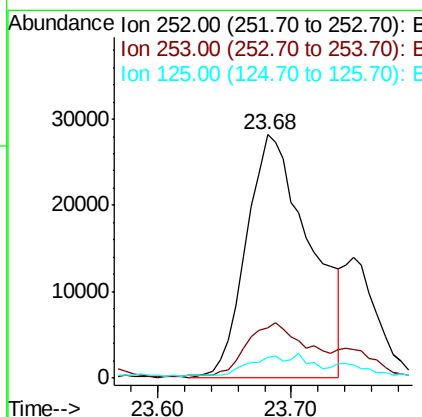
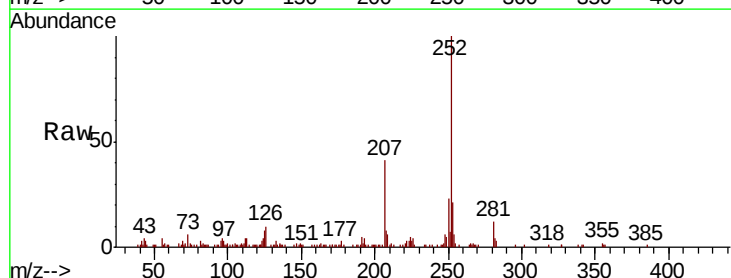
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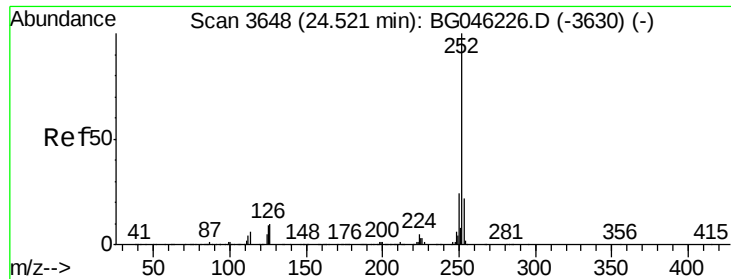
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#88
 Benzo(b)fluoranthene
 Concen: 2.048 ng/ul
 RT: 23.68 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: BG046234.D
 Acq: 12 Aug 2020 17:01

Tgt Ion:	252	Resp:	93175
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.0	27.0
125	8.5	6.3	9.5





#91
Benzo(a)pyrene
Concen: 1.207 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.00 min
Lab File: BG046234.D
Acq: 12 Aug 2020 17:01

Instrument :
BNA_G
ClientSampleId :
DBFP6

Tot Ion:	252	Resp:	50351
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	10.5	7.4	11.2

Manual Integrations
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