

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047451.D
 Acq On : 24 Nov 2020 18:08
 Operator : CG/JU
 Sample : L4751-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B85

Manual Integrations
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Quant Time: Nov 25 01:35:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	40160	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	156955	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	110625	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	256484	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	231817	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	246714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	927	0.84	ng/uL	0.00
5) Phenol-d5	7.40	99	37872	9.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21435	9.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28490	10.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27520	8.89	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	14843	11.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16139	11.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	36166	11.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	31540	9.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	111237	11.71	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	132620	12.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	11184	7.72	ng/ul	-0.01
58) Fluorene-d10	15.87	176	101427	11.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	6695	4.59	ng/ul	-0.01
71) Anthracene-d10	17.71	188	157846	12.41	ng/ul	0.00
79) Pyrene-d10	19.98	212	174665	12.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	175638	12.37	ng/ul	-0.01

Target Compounds

				Ovalue	
6) Phenol	7.43	94	5666	1.468	ng/ul# 80
45) Dimethylphthalate	14.32	163	17697	1.827	ng/ul 98
70) Phenanthrene	17.66	178	69013	4.983	ng/ul 98
77) Fluoranthene	19.65	202	316777	18.110	ng/ul 99
80) Pyrene	20.01	202	252545	15.380	ng/ul# 97
83) Benzo(a)anthracene	21.88	228	171568	10.402	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.77	149	28073	3.492	ng/ul 92
85) Chrysene	21.95	228	194205	12.373	ng/ul 98
88) Benzo(b)fluoranthene	24.21	252	284226	16.317	ng/ul# 95
89) Benzo(k)fluoranthene	24.28	252	105635m	6.154	ng/ul
91) Benzo(a)pyrene	25.14	252	167483m	10.786	ng/ul
92) Indeno(1,2,3-cd)pyrene	29.21	276	114366m	6.055	ng/ul
93) Dibenzo(a,h)anthracene	29.27	278	33597m	2.169	ng/ul
94) Benzo(g,h,i)perylene	30.43	276	93345m	5.989	ng/ul

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

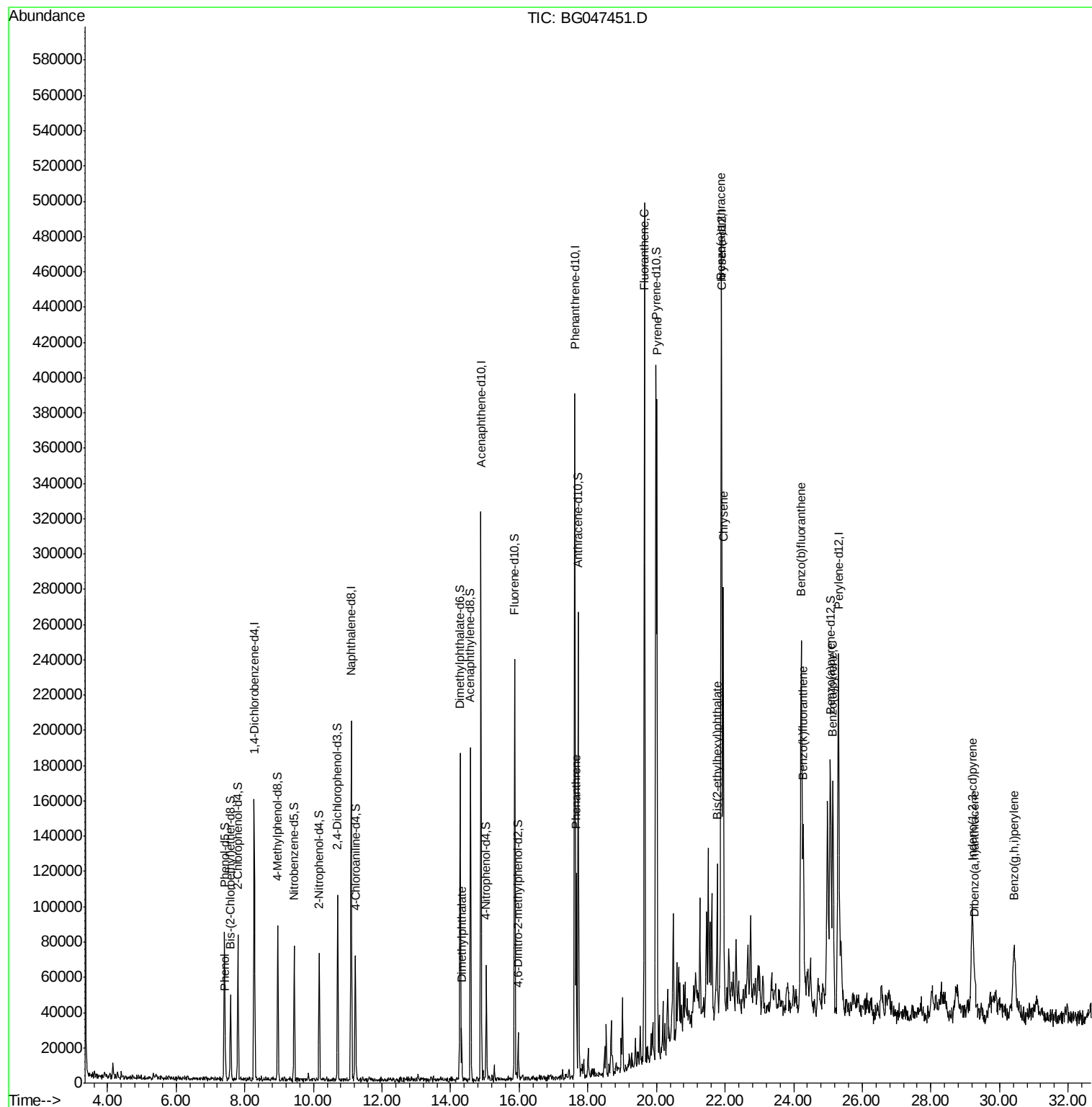
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

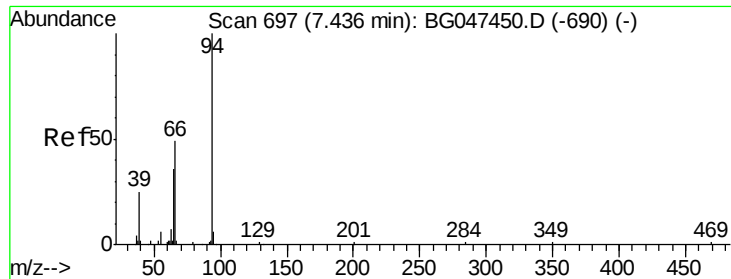
Instrument :
BNA_G
ClientSampleId :
C0B85

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Quant Time: Nov 25 01:35:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.468 ng/ul

RT: 7.43 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

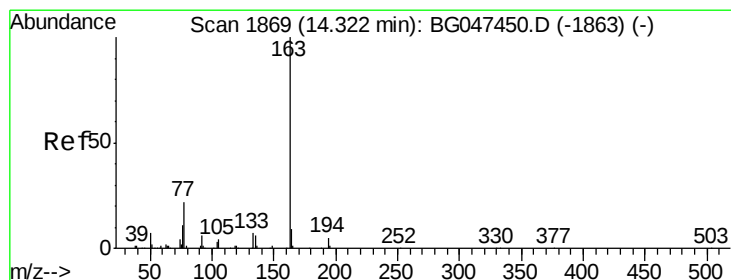
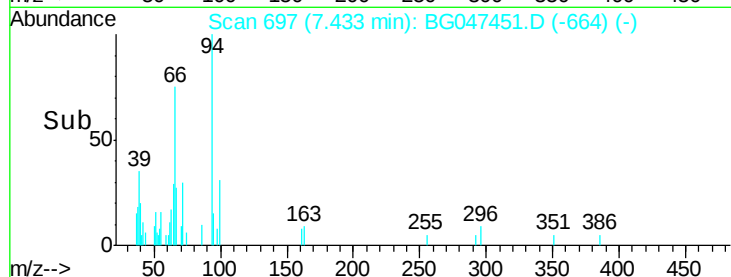
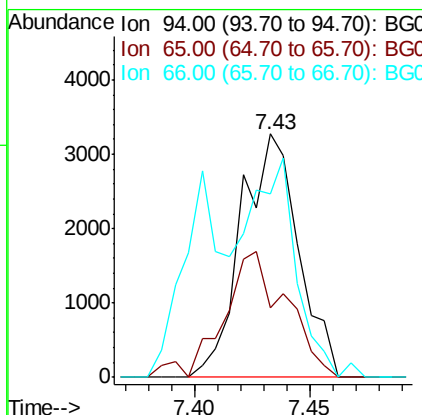
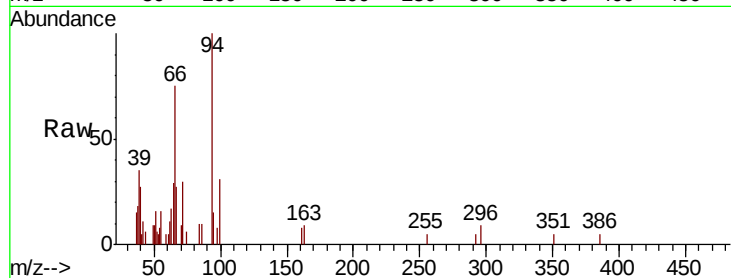
ClientSampled :

C0B85

Tot Ion:	94	Resp:	5666
Ion	Ratio	Lower	Upper
94	100		
65	28.7	37.8	56.8#
66	75.4	51.6	77.4

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#45

Dimethylphthalate

Concen: 1.827 ng/ul

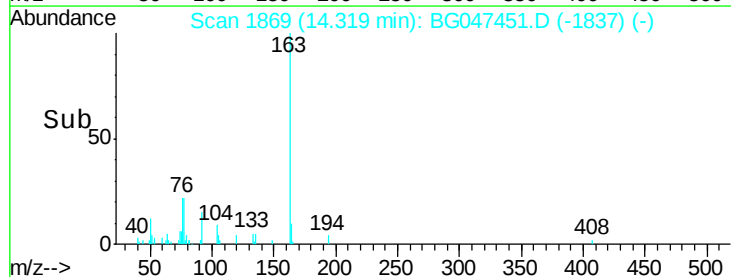
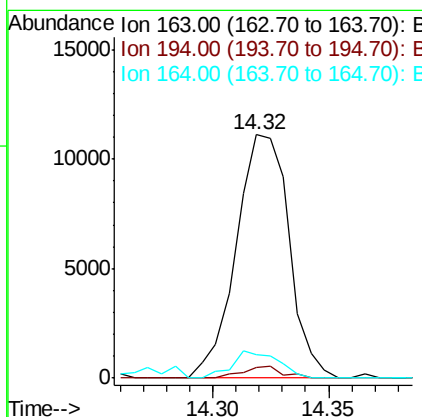
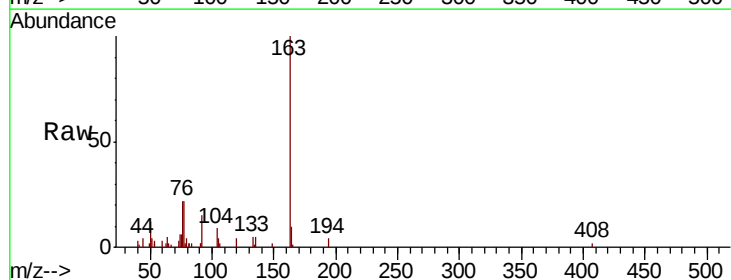
RT: 14.32 min Scan# 1869

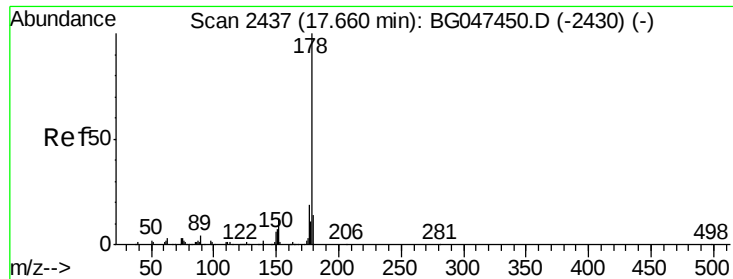
Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Tgt Ion:	163	Resp:	17697
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.5	8.5	12.7





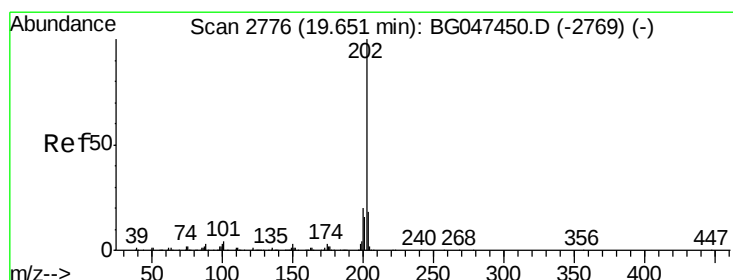
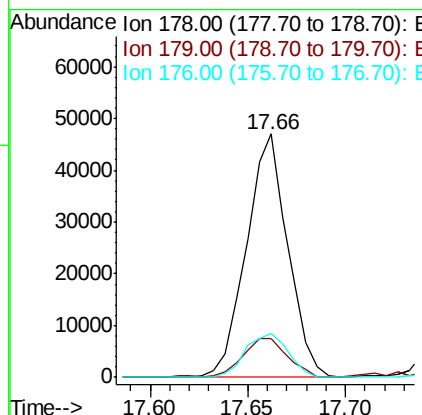
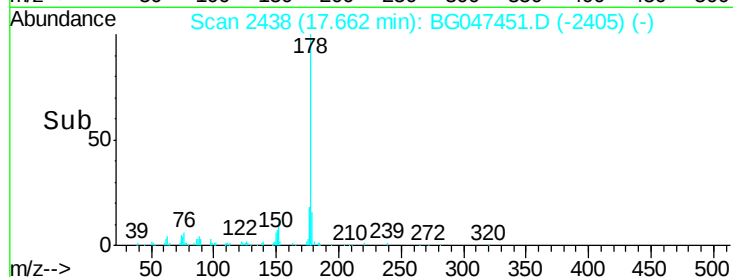
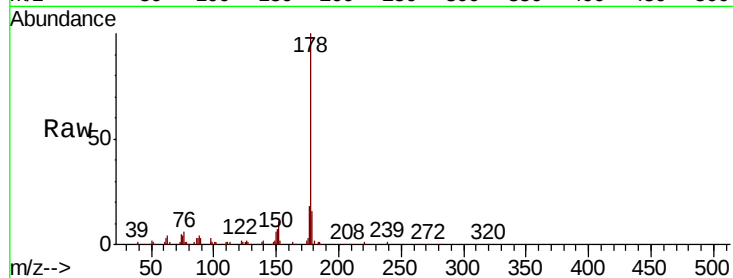
#70
Phenanthrene
Concen: 4.983 ng/ul
RT: 17.66 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Instrument :
BNA_G
ClientSampleId :
C0B85

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		69013		
179	15.8		11.8	17.6	
176	18.1		13.9	20.9	

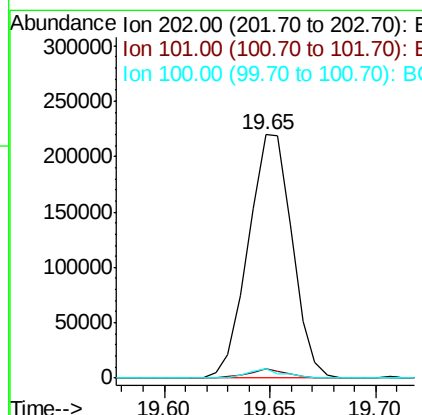
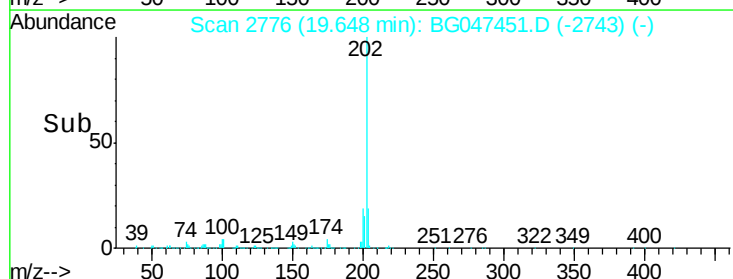
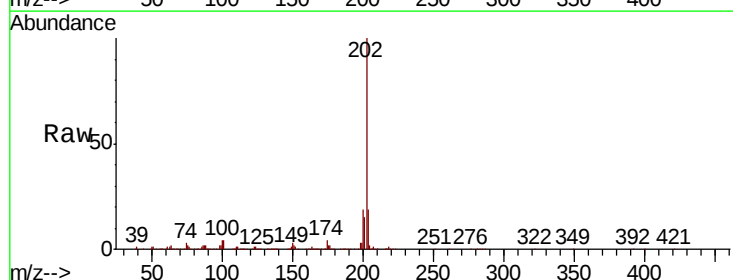
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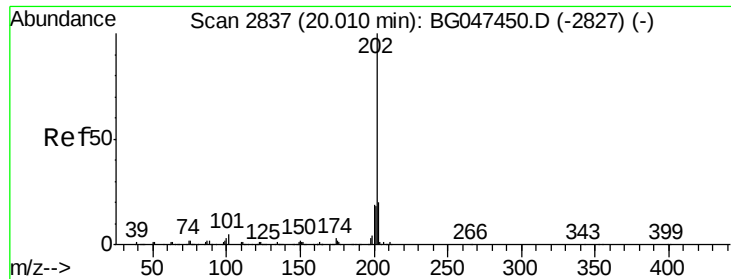
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#77
Fluoranthene
Concen: 18.110 ng/ul
RT: 19.65 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		316777		
101	4.0		3.0	4.6	
100	3.6		3.0	4.6	





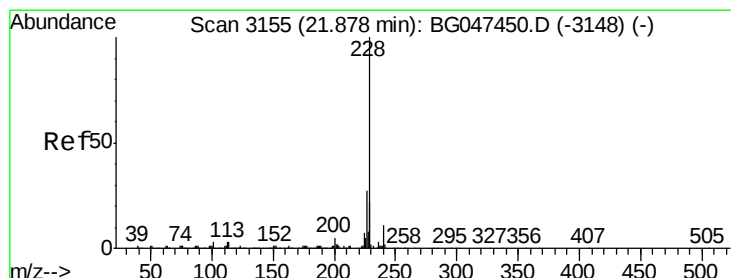
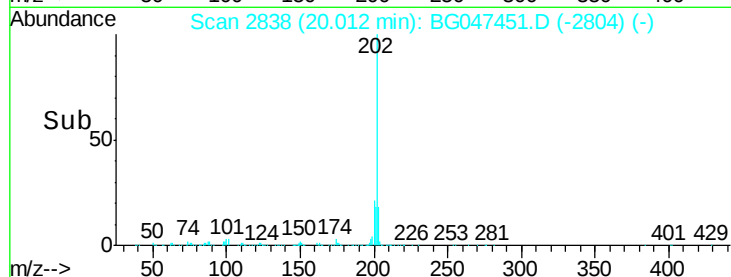
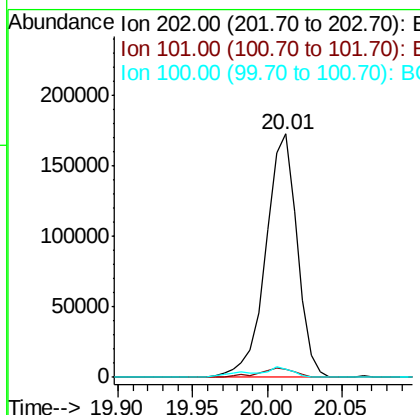
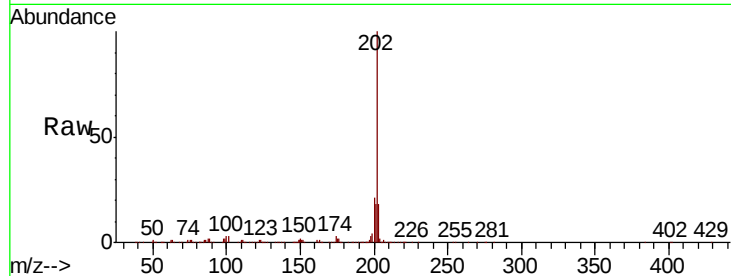
#80
Pvrene
Concen: 15.380 ng/ul
RT: 20.01 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Instrument :
BNA_G
ClientSampleId :
C0B85

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	3.4	3.5	5.3#
100	3.4	3.4	5.0

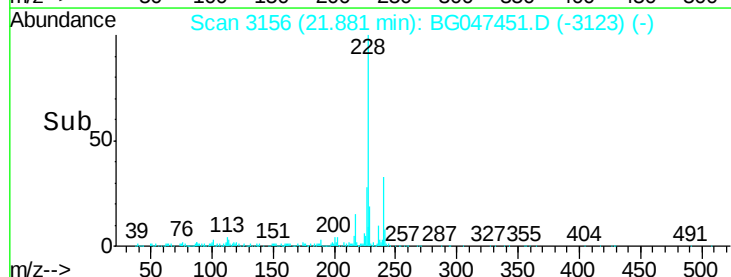
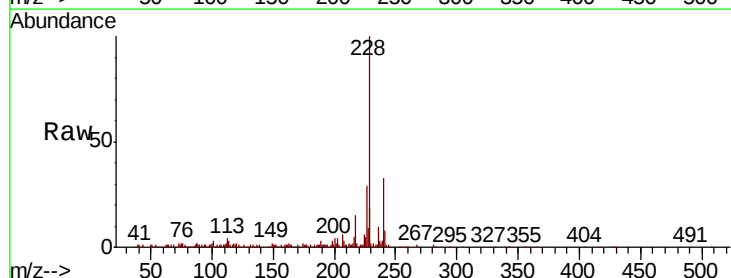
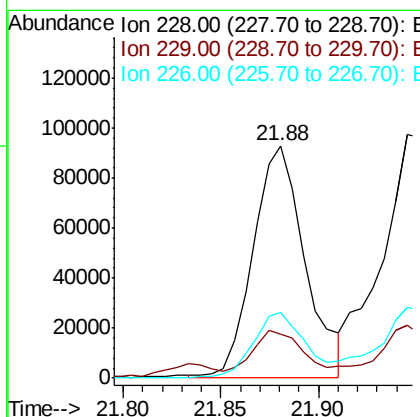
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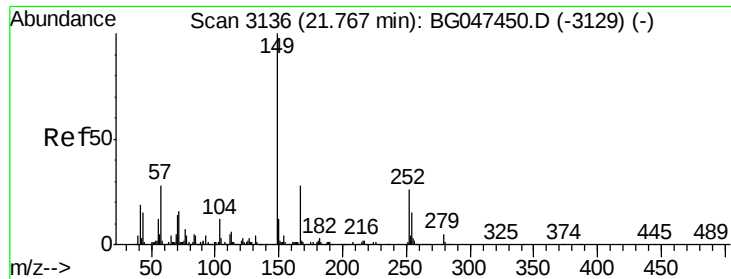
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#83
Benzo(a)anthracene
Concen: 10.402 ng/ul
RT: 21.88 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.2	15.6	23.4
226	28.5	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.492 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

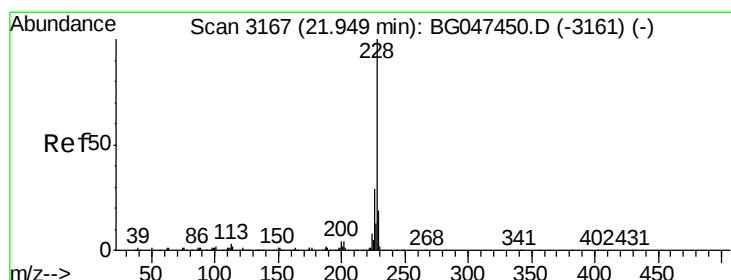
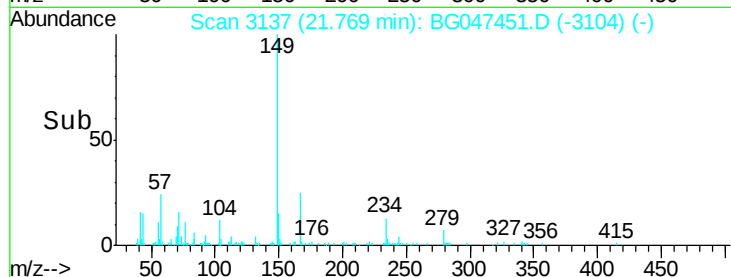
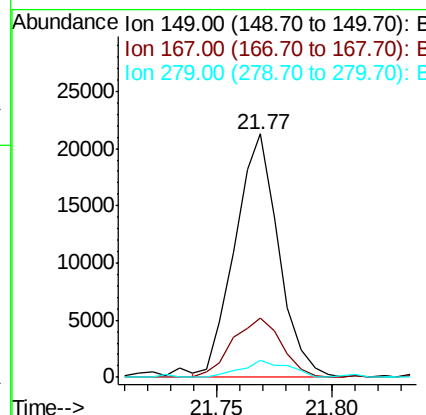
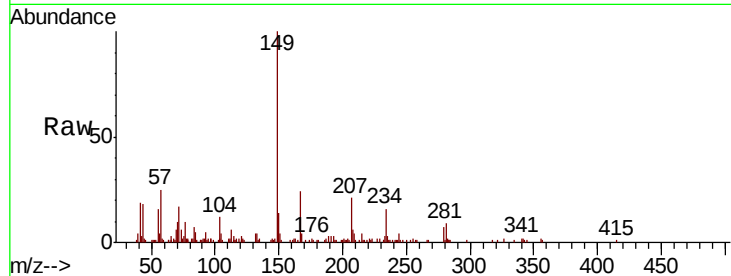
ClientSampleId :

C0B85

Tot Ion:	149	Resp:	28073
Ion Ratio	Lower	Upper	
149	100		
167	24.4	23.4	35.2
279	7.0	5.9	8.9

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#85

Chrysene

Concen: 12.373 ng/ul

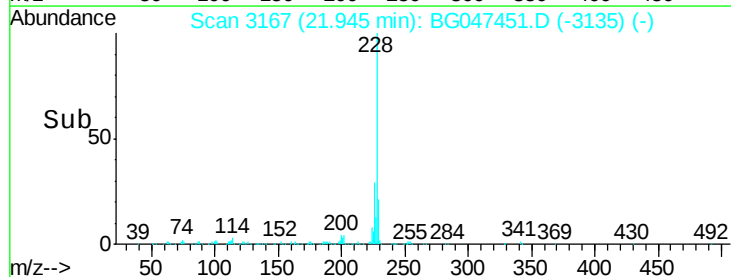
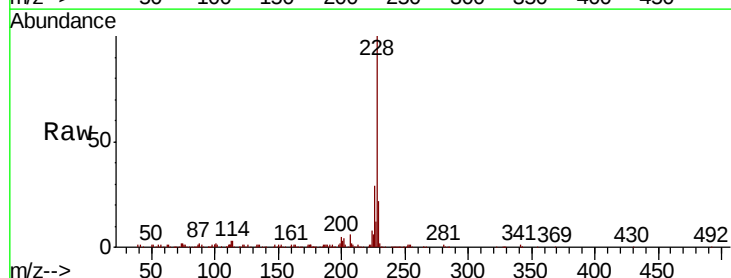
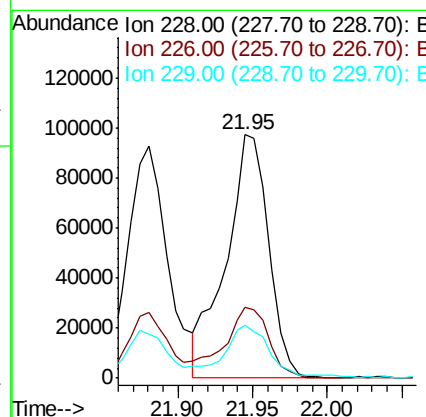
RT: 21.95 min Scan# 3167

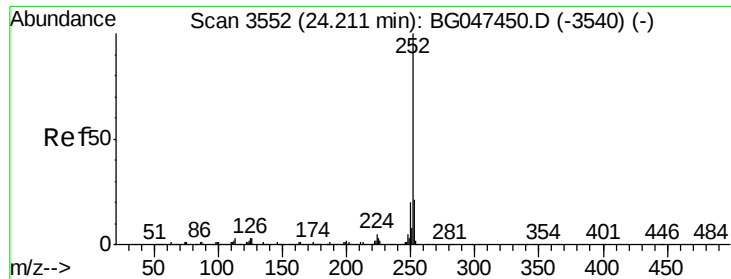
Delta R.T. -0.01 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Tgt Ion:	228	Resp:	194205
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.3	33.5
229	21.6	16.5	24.7





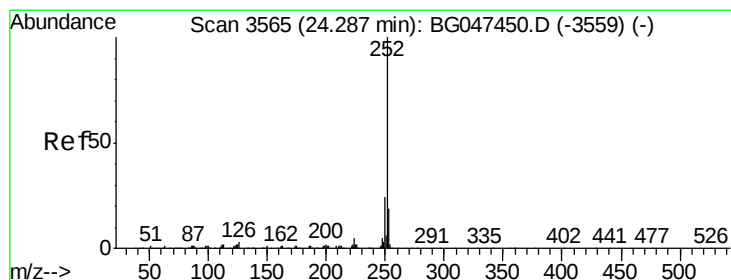
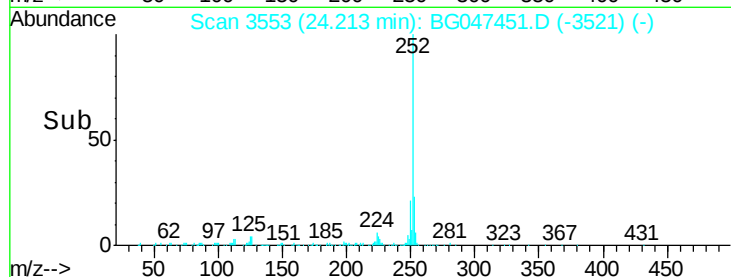
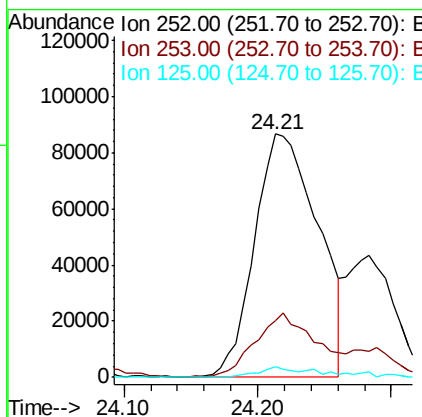
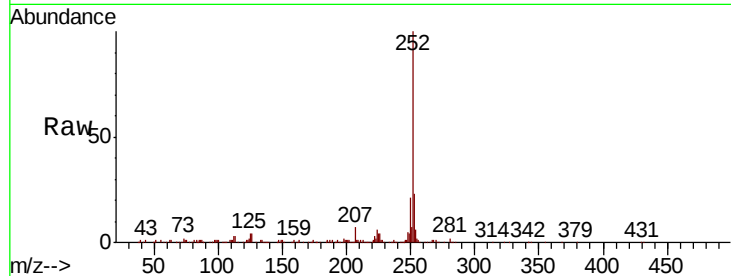
#88
Benzo(b)fluoranthene
Concen: 16.317 ng/ul
RT: 24.21 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Instrument :
BNA_G
ClientSampleId :
C0B85

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	16.6	25.0
125	4.3	2.7	4.1

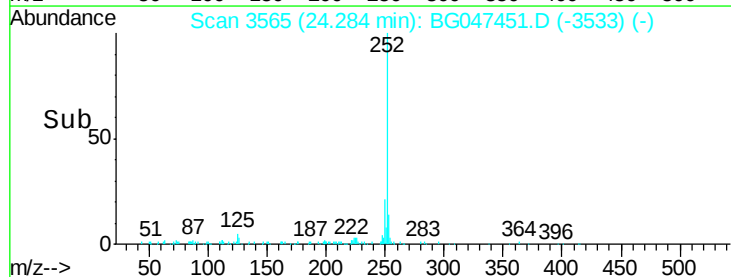
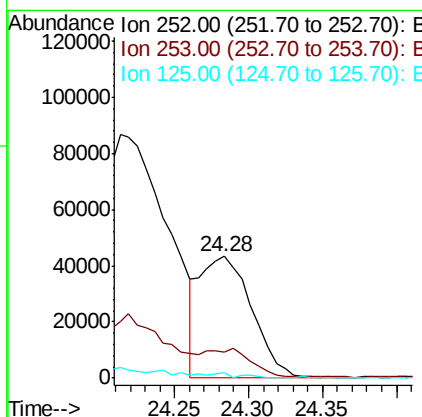
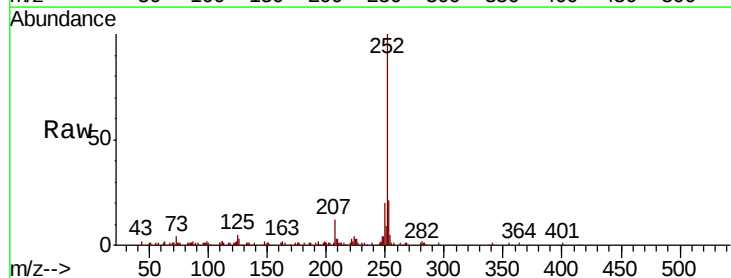
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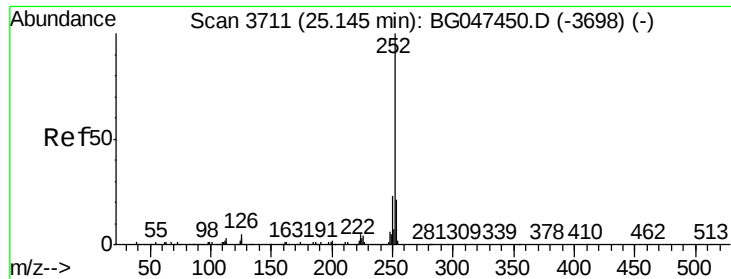
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#89
Benzo(k)fluoranthene
Concen: 6.154 ng/ul m
RT: 24.28 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.4
125	5.0	2.2	3.2





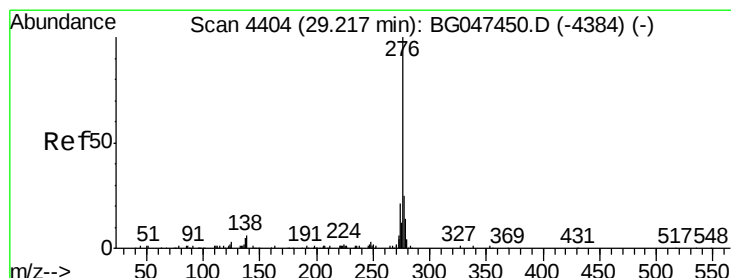
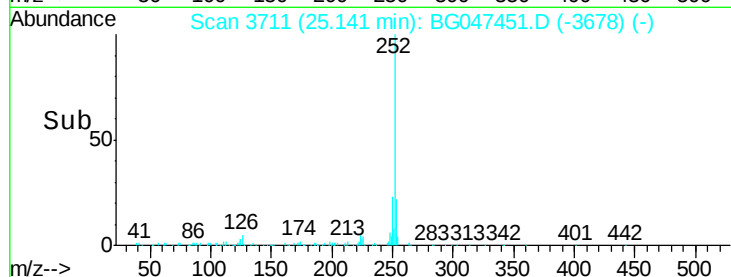
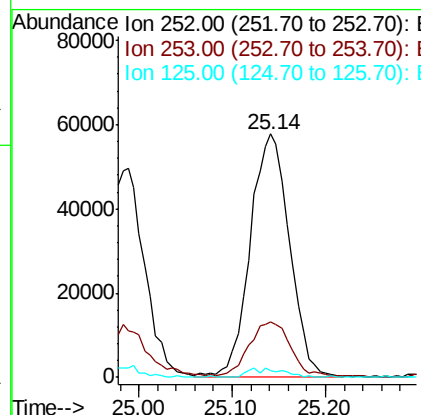
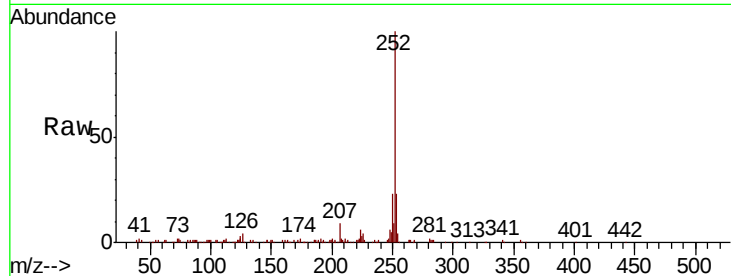
#91
Benzo(a)pyrene
Concen: 10.786 ng/ul m
RT: 25.14 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Instrument :
BNA_G
ClientSampleId :
C0B85

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	2.9	3.1	4.7#

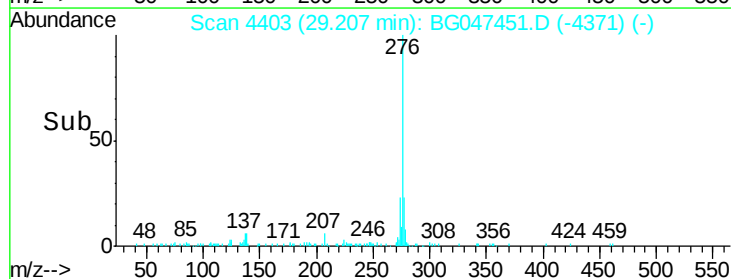
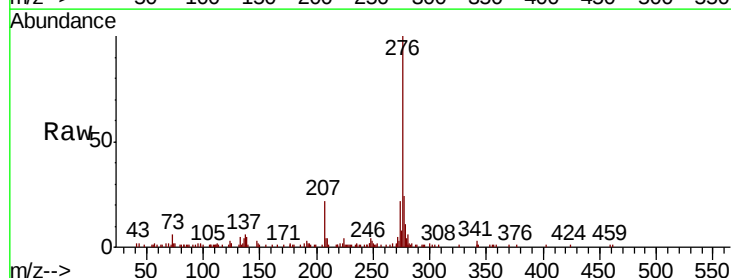
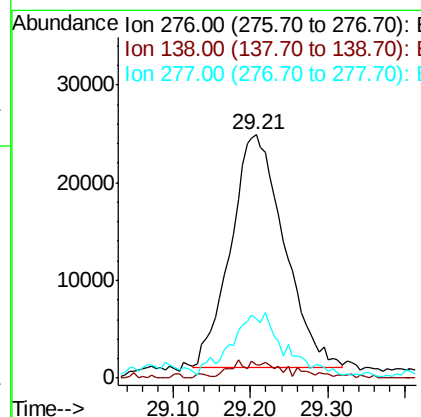
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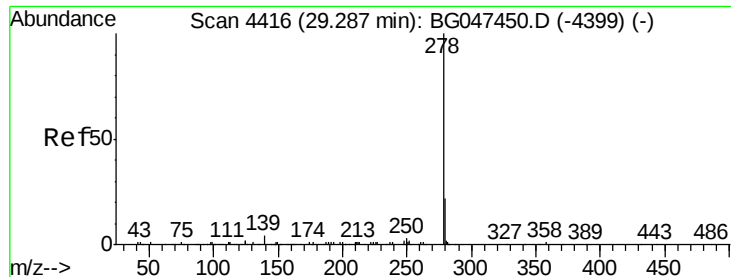
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#92
Indeno(1,2,3-cd)pyrene
Concen: 6.055 ng/ul m
RT: 29.21 min Scan# 4403
Delta R.T. -0.01 min
Lab File: BG047451.D
Acq: 24 Nov 2020 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.4	5.0	7.6
277	24.2	16.5	24.7





#93

Dibenzo(a,h)anthracene

Concen: 2.169 ng/ul m

RT: 29.27 min Scan# 4413

Delta R.T. -0.02 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Instrument :

BNA_G

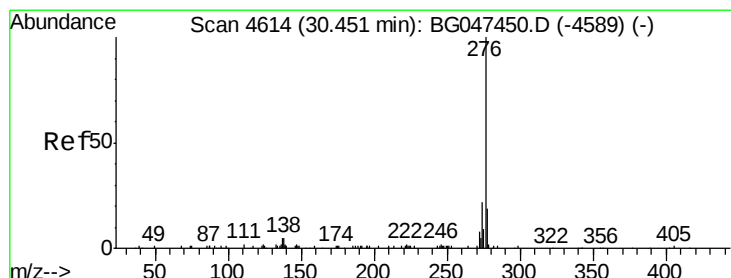
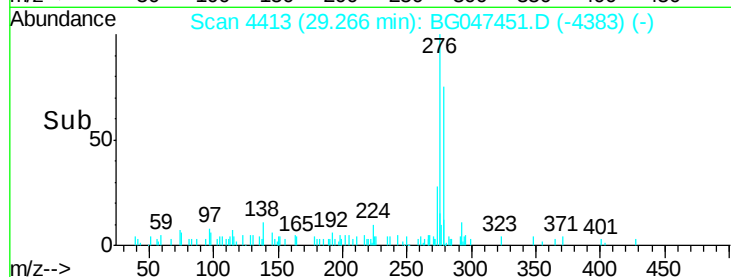
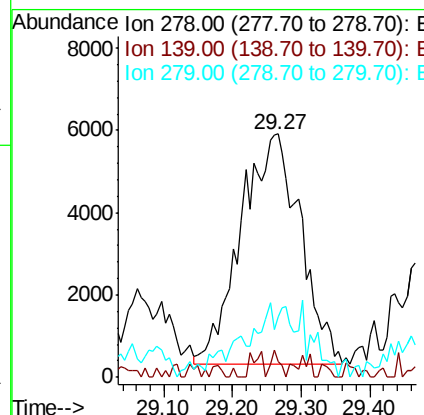
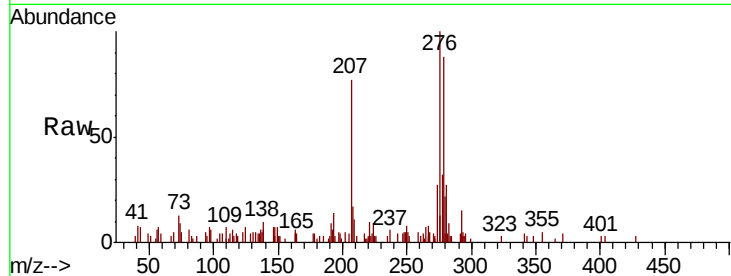
ClientSampleId :

C0B85

Tot Ion:	278	Resp:	33597
Ion Ratio	Lower	Upper	
278	100		
139	6.7	4.6	7.0
279	25.0	18.2	27.2

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM



#94

Benzo(g,h,i)perylene

Concen: 5.989 ng/ul m

RT: 30.43 min Scan# 4611

Delta R.T. -0.02 min

Lab File: BG047451.D

Acq: 24 Nov 2020 18:08

Tgt Ion:	276	Resp:	93345
Ion Ratio	Lower	Upper	
276	100		
138	7.1	5.8	8.6
277	30.0	17.4	26.2

