

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
 Sample : L4793-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B42

Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:28:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 01 10:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30177	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	121243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	90061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	216254m	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	198856	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	208635	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1767m	2.13	ng/uL	0.00
5) Phenol-d5	7.40	99	38522	12.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	23743	13.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28827	14.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27037	11.63	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	16046	16.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	19687	18.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	37628	15.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	20887	8.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	120710	15.61	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	147303	16.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13156	11.15	ng/ul	0.00
58) Fluorene-d10	15.87	176	114047	16.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	18330m	14.89	ng/ul	-0.02
71) Anthracene-d10	17.71	188	178567	16.65	ng/ul	0.00
79) Pyrene-d10	19.98	212	209177	18.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	204747	17.05	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	7.42	94	12617	4.352	ng/ul#	90
45) Dimethylphthalate	14.31	163	28596	3.626	ng/ul#	93
70) Phenanthrene	17.66	178	16913	1.448	ng/ul	98
77) Fluoranthene	19.65	202	88274m	5.985	ng/ul	
80) Pyrene	20.01	202	87721	6.228	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	58632	4.144	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	17628	2.556	ng/ul#	93
85) Chrysene	21.95	228	58112	4.316	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	92326m	6.268	ng/ul	
89) Benzo(k)fluoranthene	24.28	252	25236	1.738	ng/ul#	90
91) Benzo(a)pyrene	25.14	252	63151	4.809	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.19	276	45596m	2.854	ng/ul	
93) Dibenzo(a,h)anthracene	29.24	278	13376m	1.021	ng/ul	
94) Benzo(g,h,i)perylene	30.40	276	39455m	2.993	ng/ul	

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

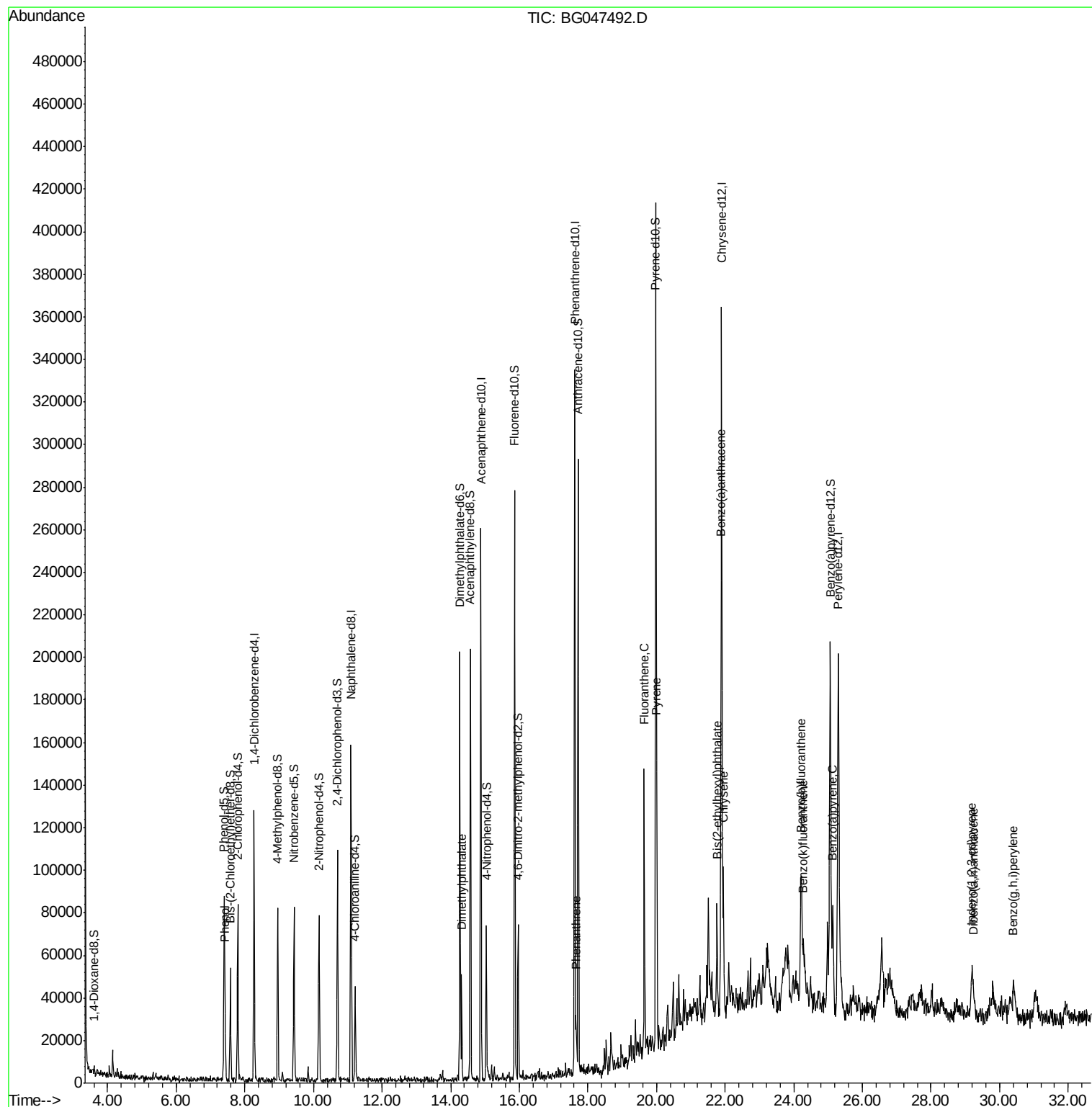
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

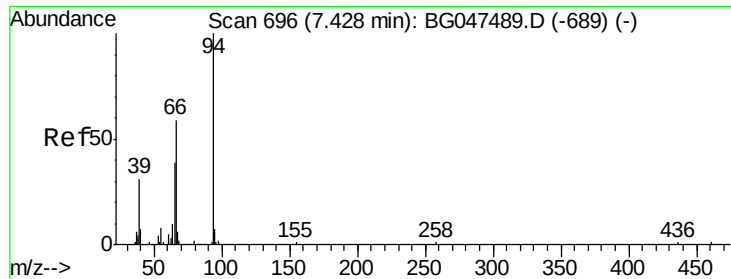
Instrument :
BNA_G
ClientSampleId :
C0B42

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Quant Time: Dec 01 11:28:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration





#6

Phenol

Concen: 4.352 ng/ul

RT: 7.42 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

Instrument :

BNA_G

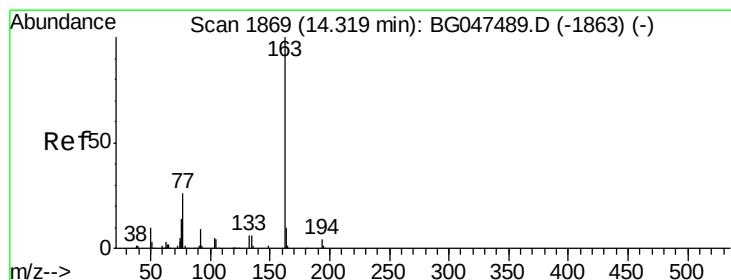
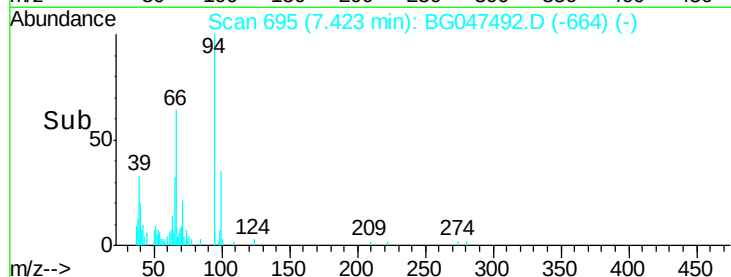
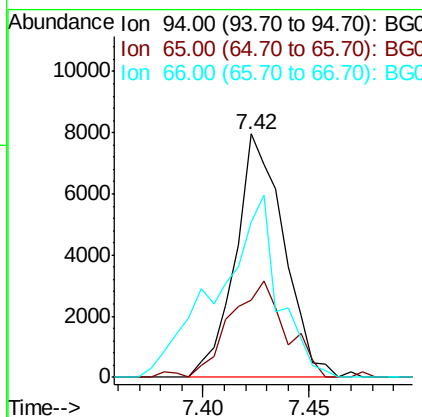
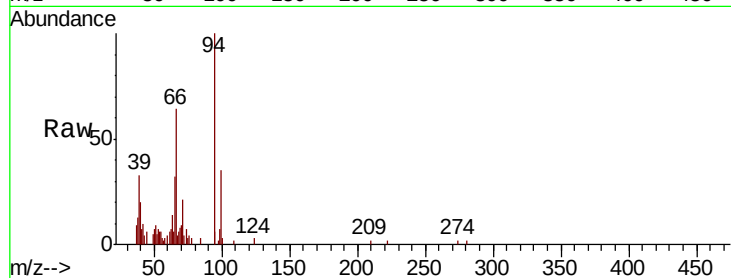
ClientSampleId :

C0B42

Tot Ion:	94	Resp:	12617
Ion Ratio	Lower	Upper	
94	100		
65	31.7	37.8	56.8#
66	63.9	51.6	77.4

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#45

Dimethylphthalate

Concen: 3.626 ng/ul

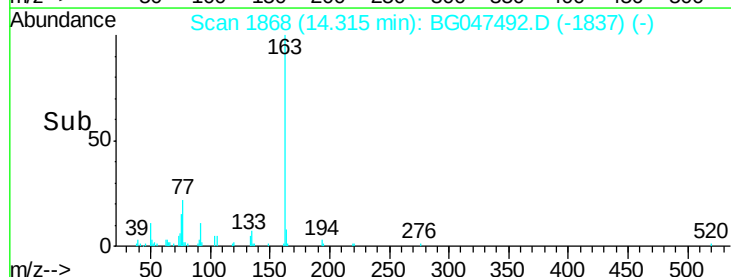
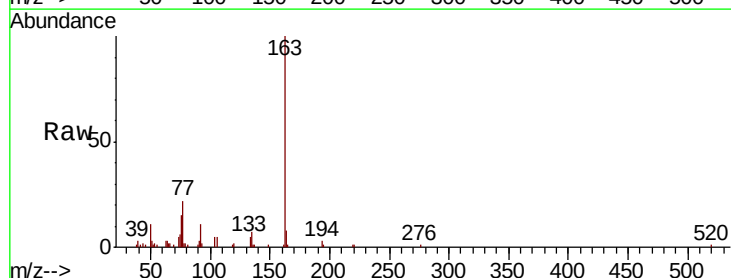
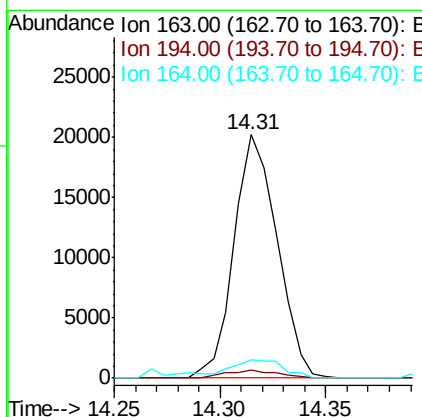
RT: 14.31 min Scan# 1868

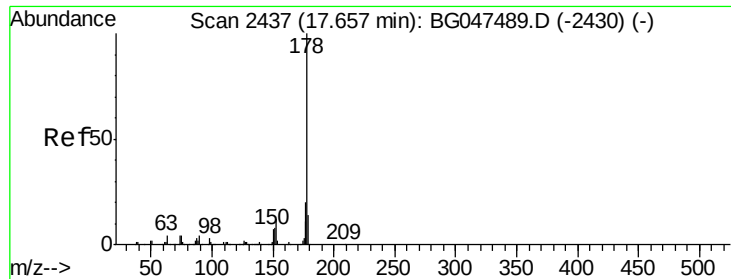
Delta R.T. -0.02 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

Tgt Ion:	163	Resp:	28596
Ion Ratio	Lower	Upper	
163	100		
194	3.1	3.6	5.4#
164	7.5	8.5	12.7#





#70

Phenanthrene

Concen: 1.448 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

Instrument :

BNA_G

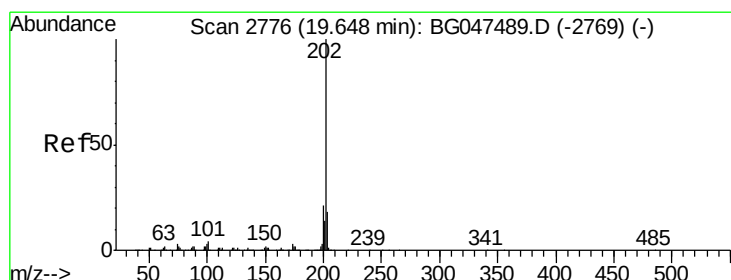
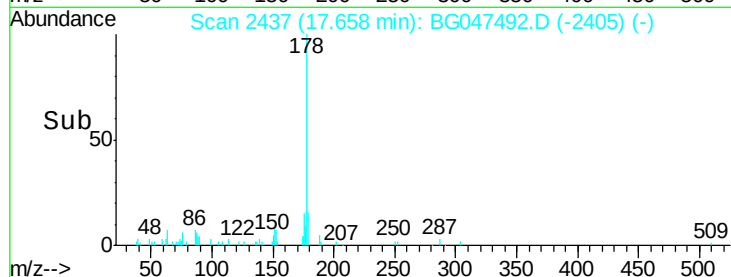
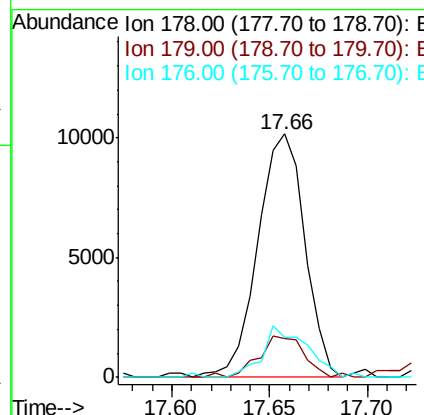
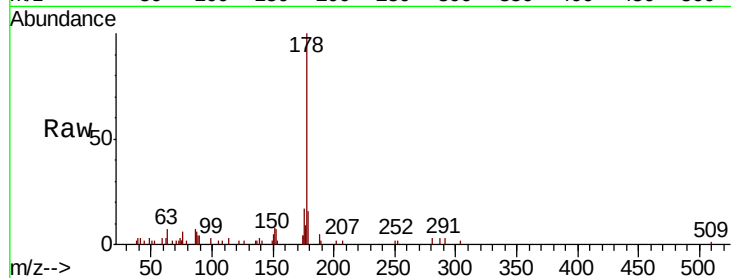
ClientSampleId :

C0B42

Tot Ion:	178	Resp:	16913
Ion Ratio	Lower	Upper	
178	100		
179	15.9	11.8	17.6
176	16.7	13.9	20.9

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#77

Fluoranthene

Concen: 5.985 ng/ul m

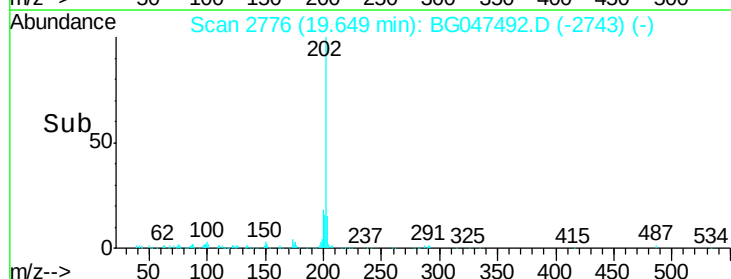
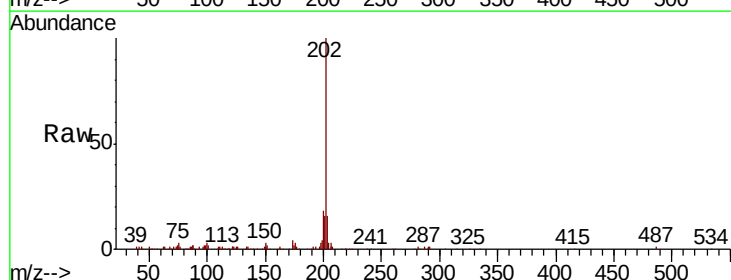
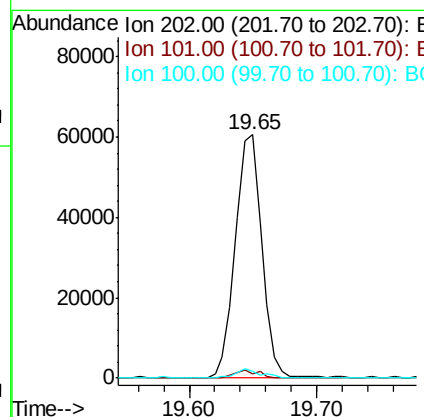
RT: 19.65 min Scan# 2776

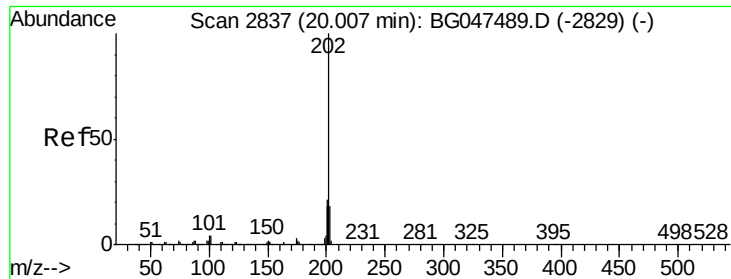
Delta R.T. -0.00 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

Tgt Ion:	202	Resp:	88274
Ion Ratio	Lower	Upper	
202	100		
101	1.9	3.0	4.6#
100	2.9	3.0	4.6#





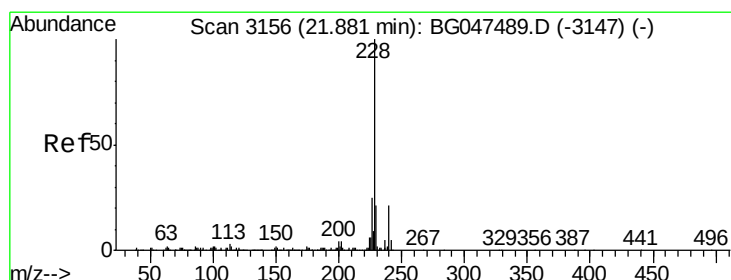
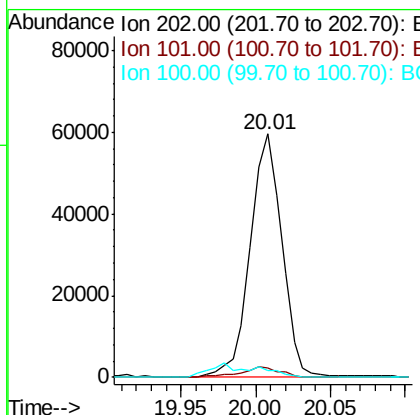
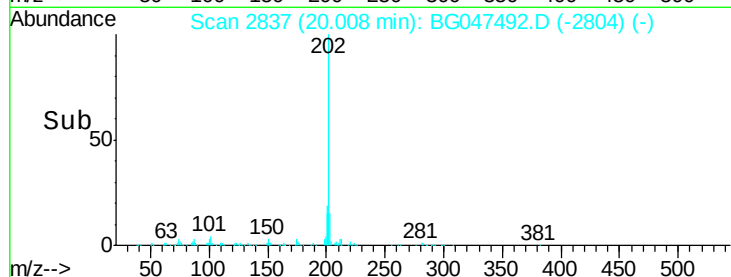
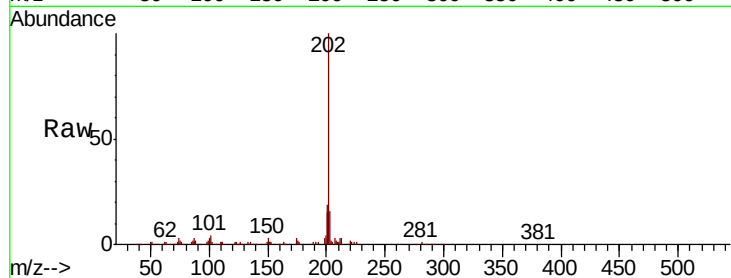
#80
Pvrene
Concen: 6.228 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047492.D
Acq: 1 Dec 2020 10:12

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.7	3.5	5.3
100	2.7	3.4	5.0

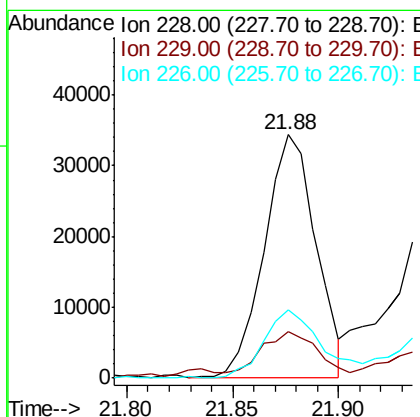
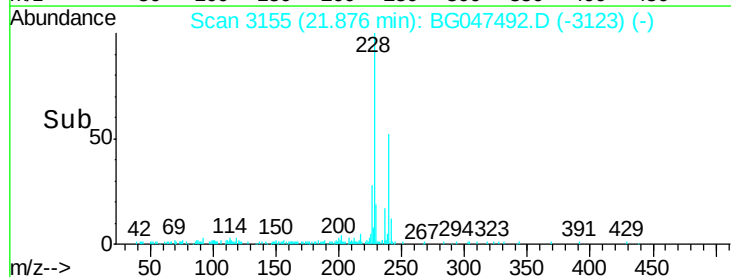
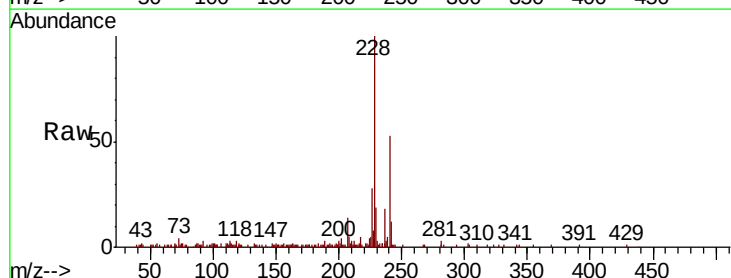
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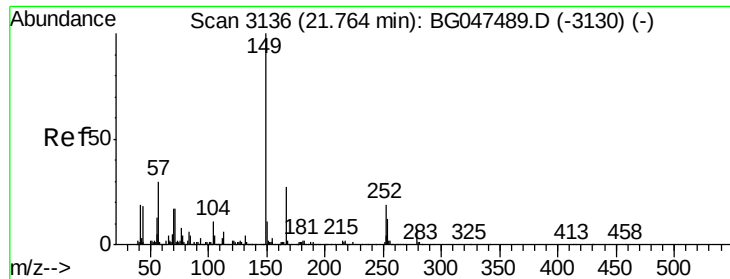
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#83
Benzo(a)anthracene
Concen: 4.144 ng/ul
RT: 21.88 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG047492.D
Acq: 1 Dec 2020 10:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.2	15.6	23.4
226	28.0	21.7	32.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.556 ng/ul

RT: 21.76 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

Instrument :

BNA_G

ClientSampleId :

C0B42

Tot Ion:149 Resp: 17628

Ion Ratio Lower Upper

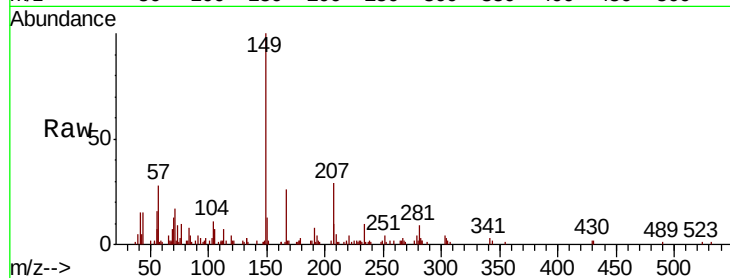
149 100

167 25.8 23.4 35.2

279 4.2 5.9 8.9#

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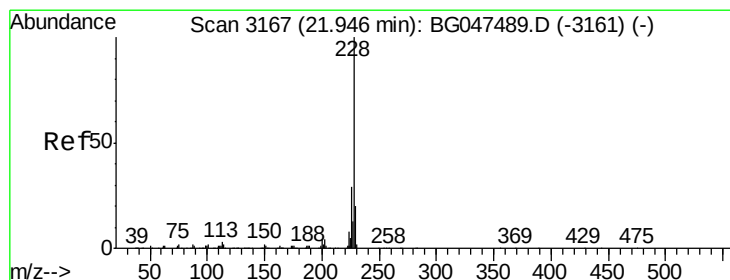
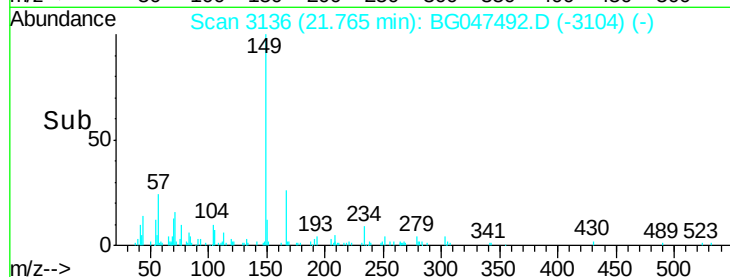
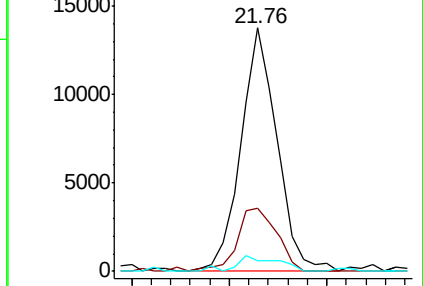
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.316 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

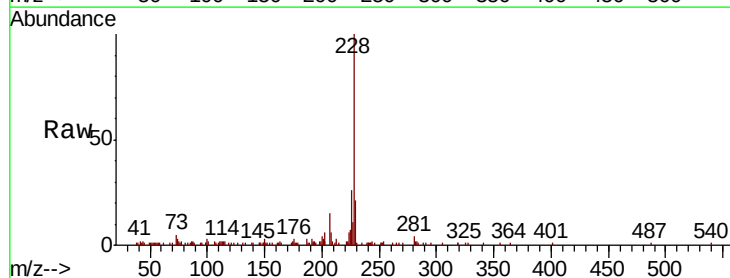
Tgt Ion:228 Resp: 58112

Ion Ratio Lower Upper

228 100

226 26.3 22.3 33.5

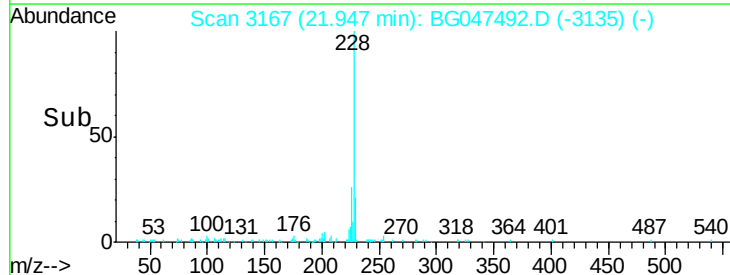
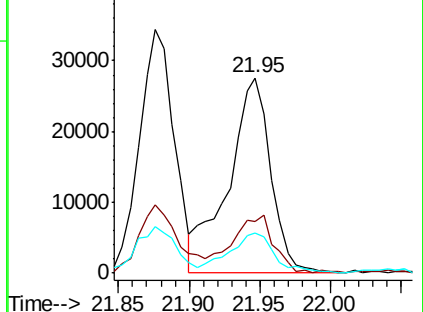
229 20.7 16.5 24.7

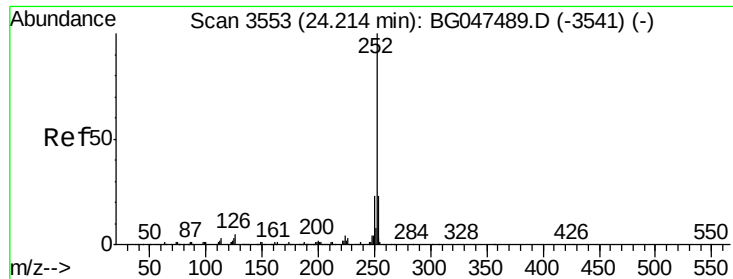


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.268 ng/ul

RT: 24.21 min Scan# 3552

Delta R.T. -0.02 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

Instrument :

BNA_G

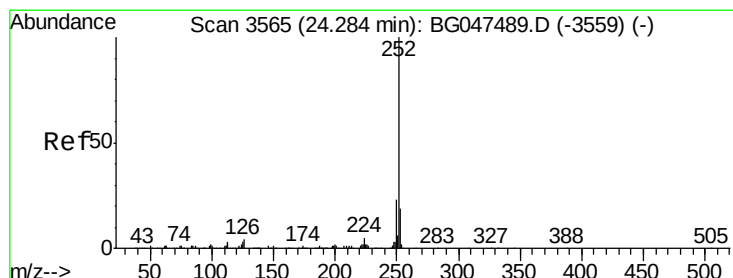
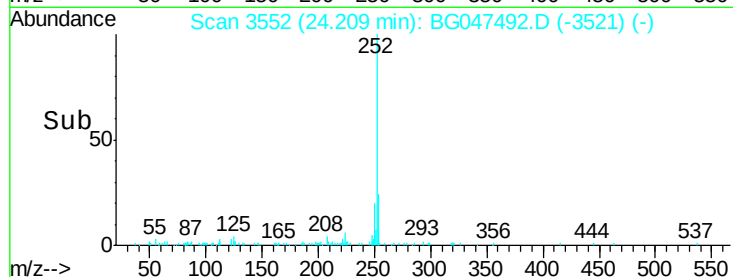
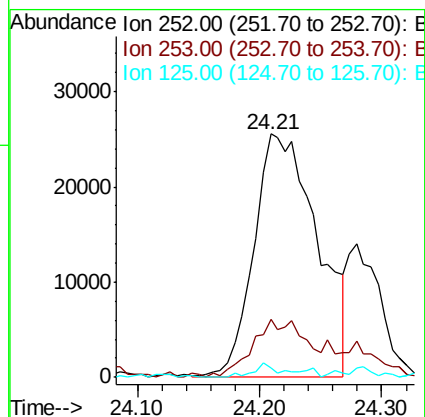
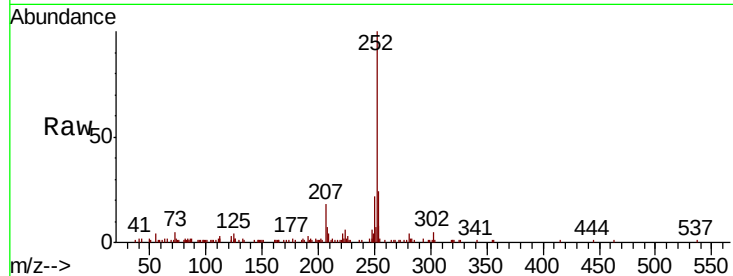
ClientSampleId :

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Tot Ion:	252	Resp:	92326
Ion Ratio	Lower	Upper	
252	100		
253	23.7	16.6	25.0
125	4.0	2.7	4.1

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#89

Benzo(k)fluoranthene

Concen: 1.738 ng/ul

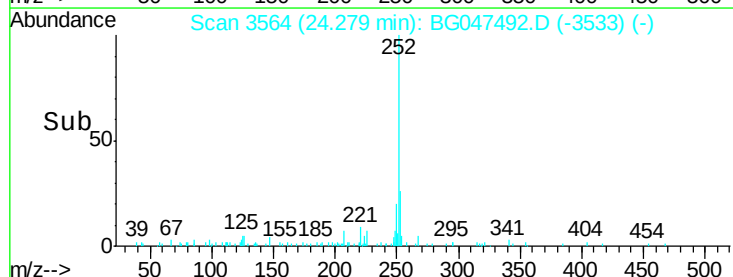
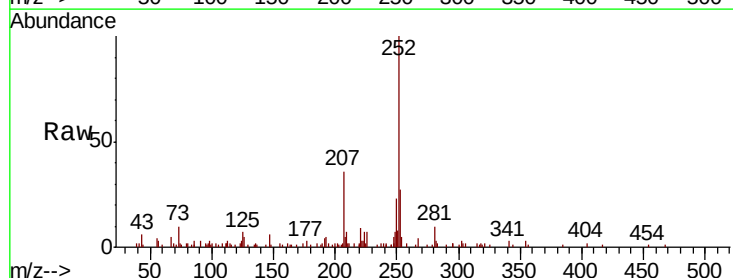
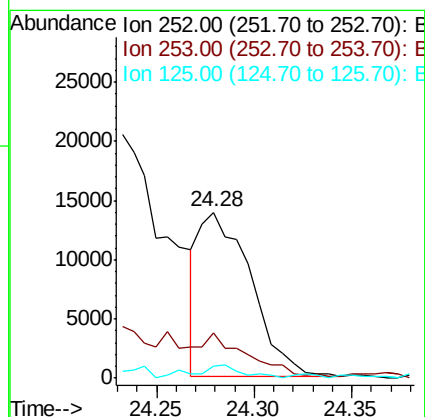
RT: 24.28 min Scan# 3564

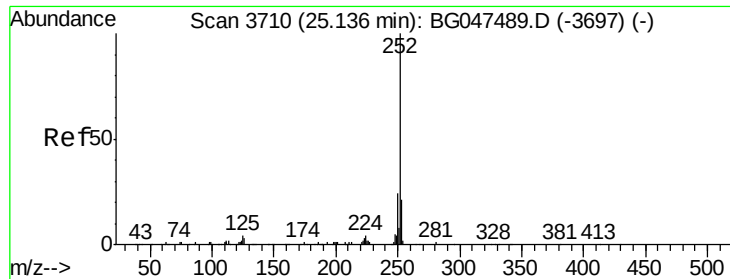
Delta R.T. -0.02 min

Lab File: BG047492.D

Acq: 1 Dec 2020 10:12

Tgt Ion:	252	Resp:	25236
Ion Ratio	Lower	Upper	
252	100		
253	27.3	18.2	27.4
125	7.1	2.2	3.2#





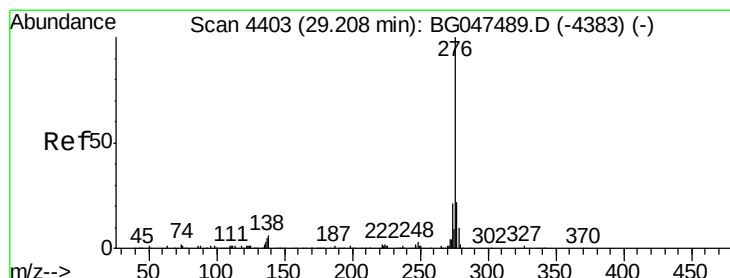
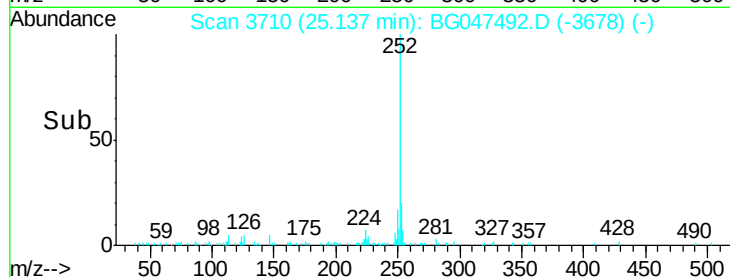
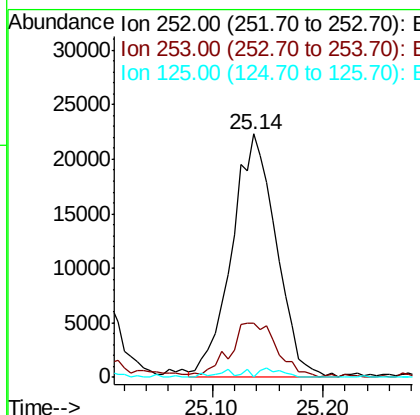
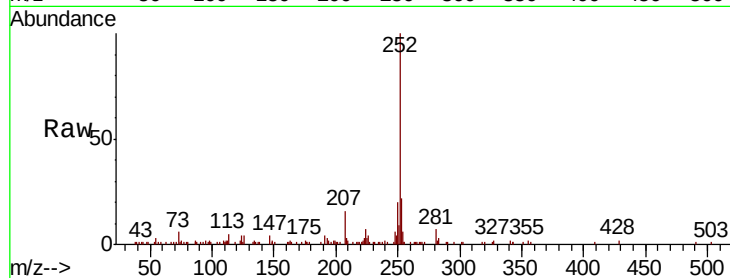
#91
Benzo(a)pyrene
Concen: 4.809 ng/ul
RT: 25.14 min Scan# 3710
Delta R.T. -0.01 min
Lab File: BG047492.D
Acq: 1 Dec 2020 10:12

Instrument :
BNA_G
ClientSampleId :
C0B42

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	0.0	3.1	4.7#

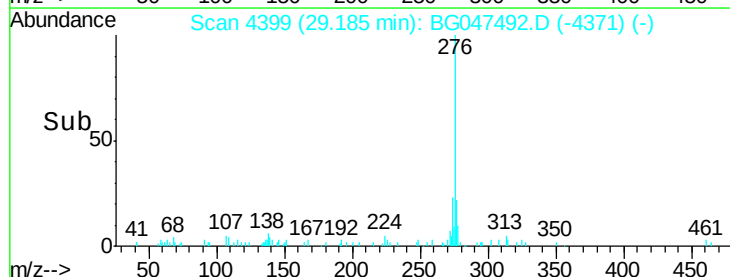
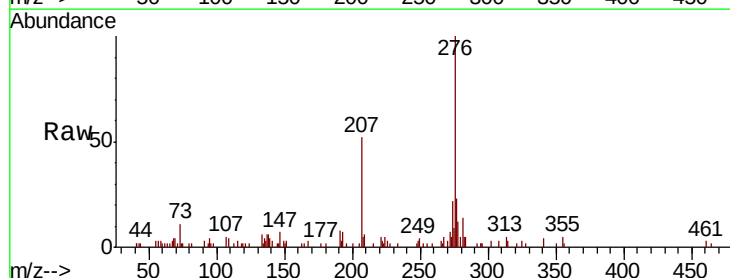
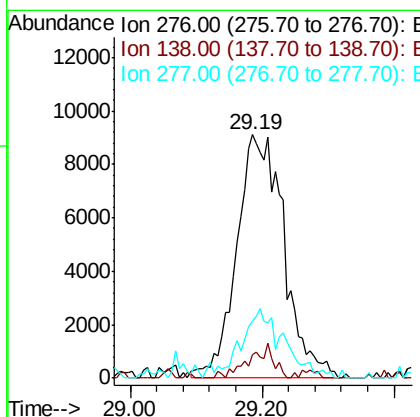
Manual Integrations
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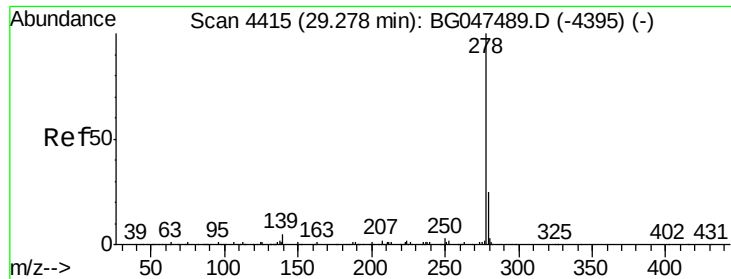
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.854 ng/ul m
RT: 29.19 min Scan# 4399
Delta R.T. -0.03 min
Lab File: BG047492.D
Acq: 1 Dec 2020 10:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	5.0	7.6
277	23.5	16.5	24.7





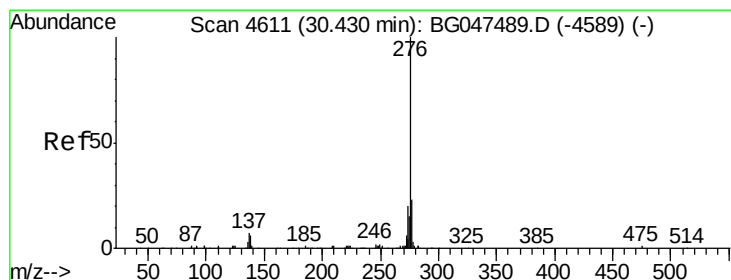
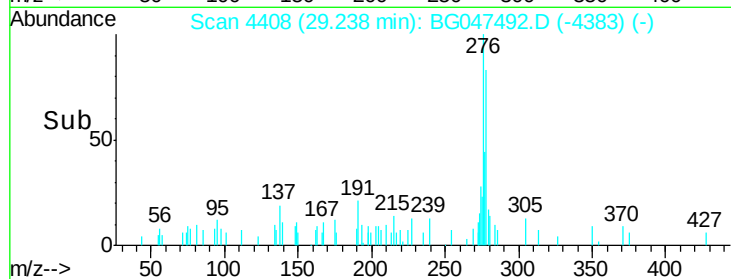
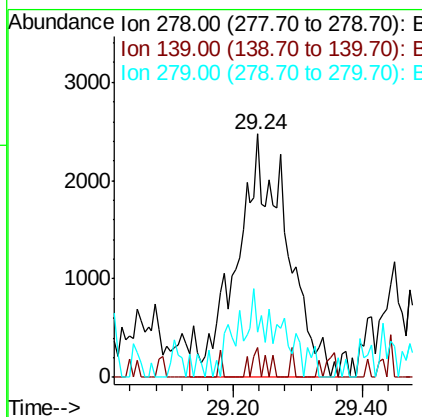
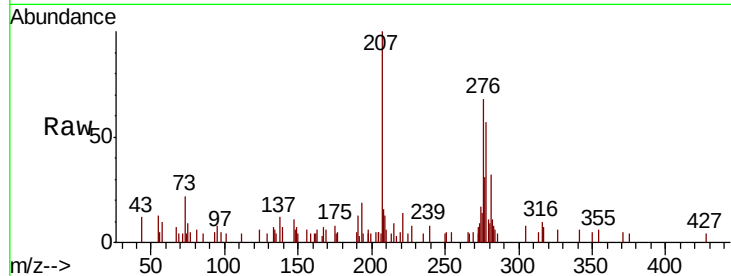
#93
Dibenzo(a,h)anthracene
Concen: 1.021 ng/ul m
RT: 29.24 min Scan# 4408
Delta R.T. -0.05 min
Lab File: BG047492.D
Acq: 1 Dec 2020 10:12

Instrument :
BNA_G
ClientSampleId :
C0B42

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.4	4.6	7.0#
279	18.7	18.2	27.2

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM



#94
Benzo(g,h,i)perylene
Concen: 2.993 ng/ul m
RT: 30.40 min Scan# 4605
Delta R.T. -0.05 min
Lab File: BG047492.D
Acq: 1 Dec 2020 10:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.8	5.8	8.6
277	19.1	17.4	26.2

