

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047425.D
 Acq On : 23 Nov 2020 20:34
 Operator : CG/JU
 Sample : L4749-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B73

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:22 PM

Quant Time: Nov 24 02:03:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	36238	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	140556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	105109	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	225185m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	188482	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	208136	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1626	1.63	ng/uL	0.00
5) Phenol-d5	7.41	99	56596	15.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	34291	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	45140	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	40219	14.40	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	22988	19.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	27307	21.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	55943	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	42037	14.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	179838	19.93	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	211333	20.27	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	17304	12.57	ng/ul	0.00
58) Fluorene-d10	15.87	176	160739	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	12958	10.11	ng/ul	0.00
71) Anthracene-d10	17.72	188	237883	21.29	ng/ul	0.00
79) Pyrene-d10	19.99	212	256269	23.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	252782	21.10	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	6821	1.959	ng/ul#	77
45) Dimethylphthalate	14.33	163	27925	3.034	ng/ul	98
50) Acenaphthene	14.95	153	10221	1.503	ng/ul	96
59) Fluorene	15.93	166	15355	1.825	ng/ul	91
70) Phenanthrene	17.66	178	482474m	39.676	ng/ul	
72) Anthracene	17.75	178	85127	6.951	ng/ul	98
75) Carbazole	18.02	167	26139	2.646	ng/ul	97
77) Fluoranthene	19.66	202	1246482	81.164	ng/ul	99
80) Pyrene	20.01	202	983803	73.687	ng/ul	100
83) Benzo(a)anthracene	21.89	228	564535	42.095	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.78	149	7496	1.147	ng/ul#	94
85) Chrysene	21.95	228	600337	47.041	ng/ul	98
88) Benzo(b)fluoranthene	24.23	252	789370	53.715	ng/ul#	96
89) Benzo(k)fluoranthene	24.30	252	255346m	17.632	ng/ul	
91) Benzo(a)pyrene	25.16	252	491798m	37.541	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.23	276	328464	20.612	ng/ul	97
93) Dibenzo(a,h)anthracene	29.28	278	87678m	6.711	ng/ul	
94) Benzo(g,h,i)perylene	30.47	276	260147m	19.785	ng/ul	

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

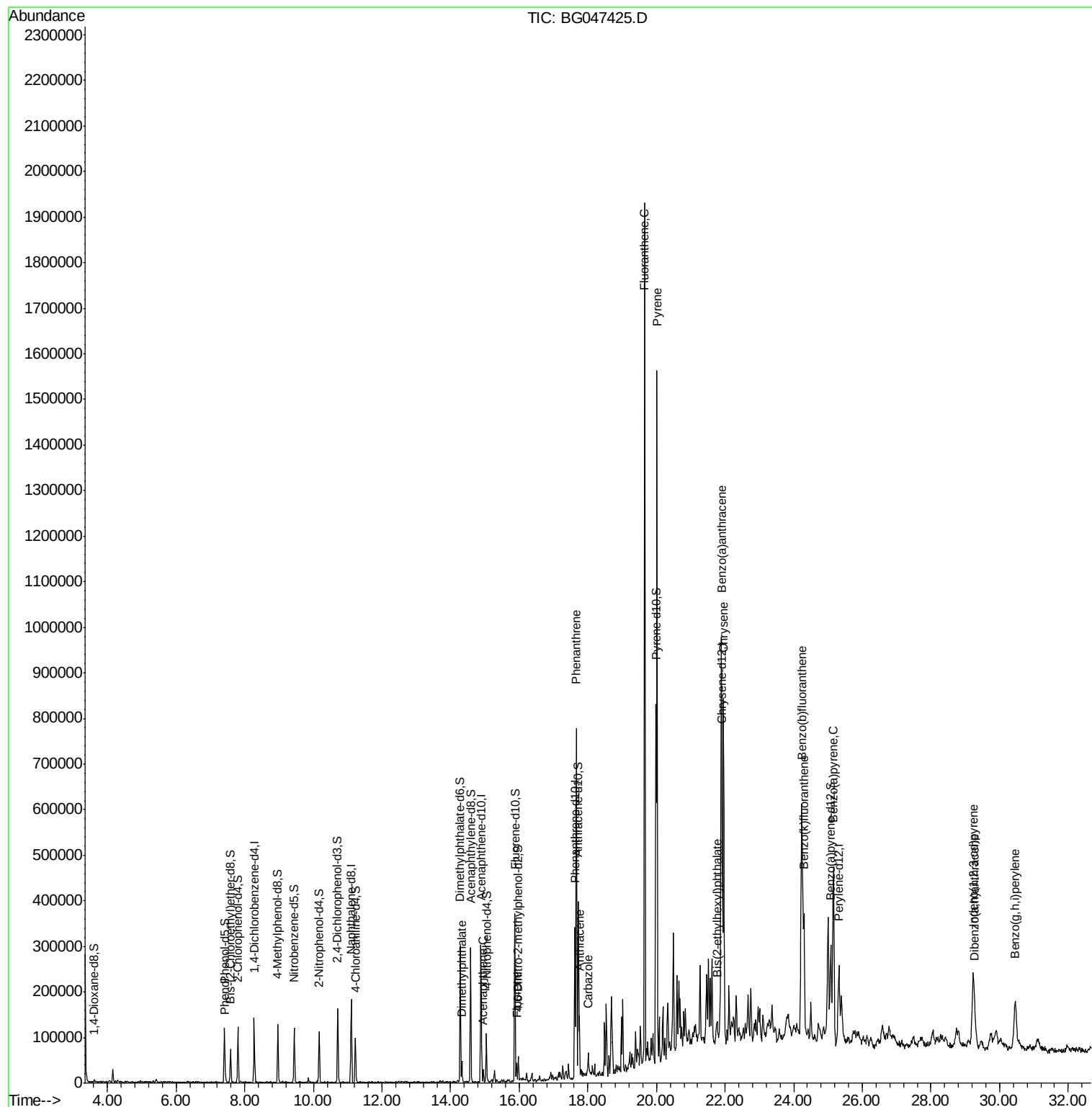
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047425.D
Acq On : 23 Nov 2020 20:34
Operator : CG/JU
Sample : L4749-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

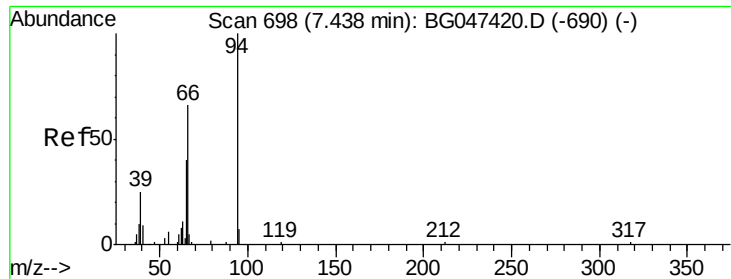
Instrument :
BNA_G
ClientSampleId :
C0B73

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.959 ng/ul

RT: 7.43 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Instrument :

BNA_G

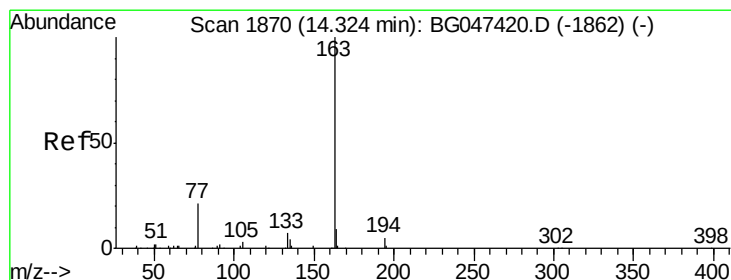
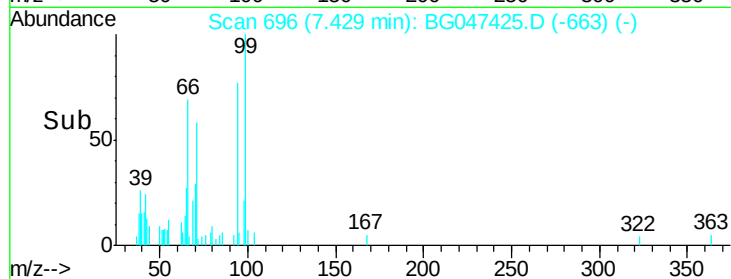
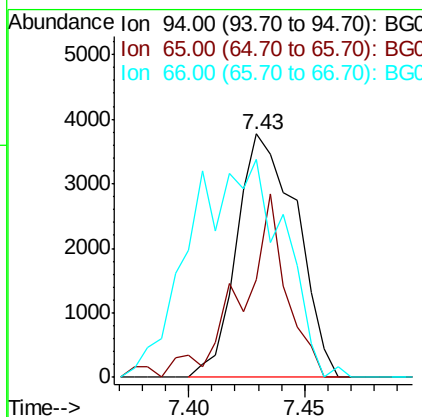
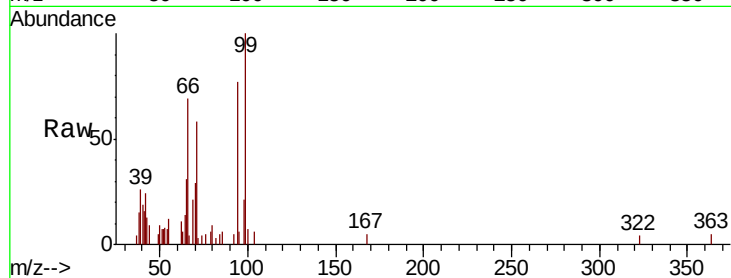
ClientSampled :

C0B73

Tot Ion:	94	Resp:	6821
Ion	Ratio	Lower	Upper
94	100		
65	40.0	37.8	56.8
66	89.8	51.6	77.4#

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#45

Dimethylphthalate

Concen: 3.034 ng/ul

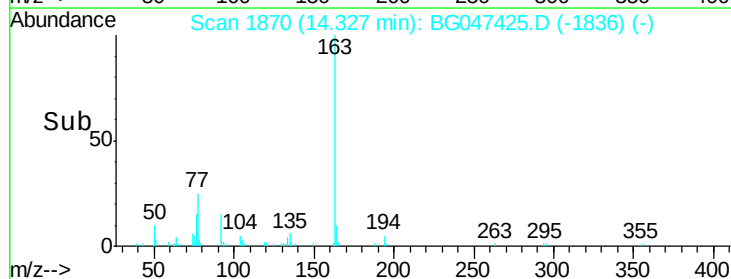
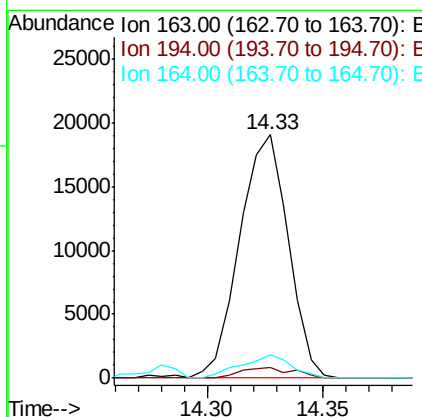
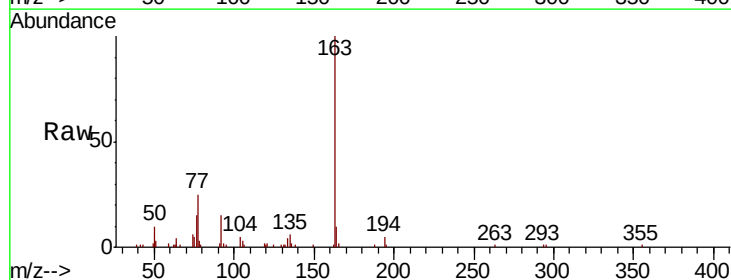
RT: 14.33 min Scan# 1870

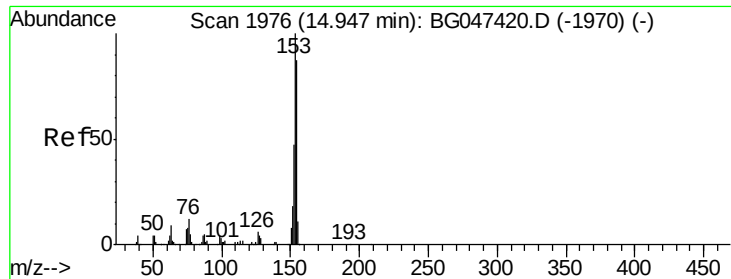
Delta R.T. -0.00 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Tgt Ion:	163	Resp:	27925
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	9.6	8.5	12.7





#50

Acenaphthene

Concen: 1.503 ng/ul

RT: 14.95 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Instrument :

BNA_G

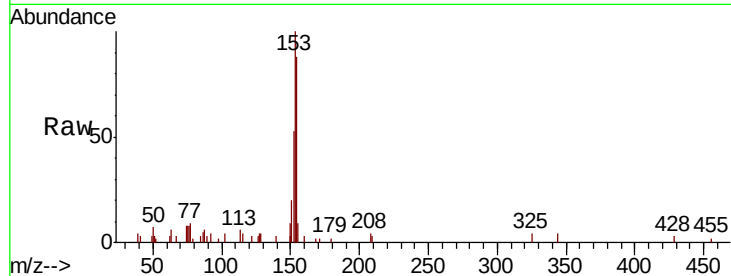
ClientSampleId :

C0B73

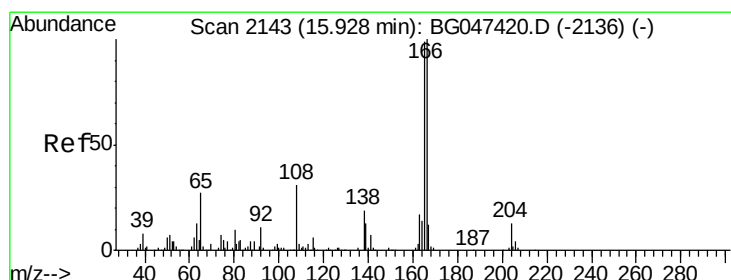
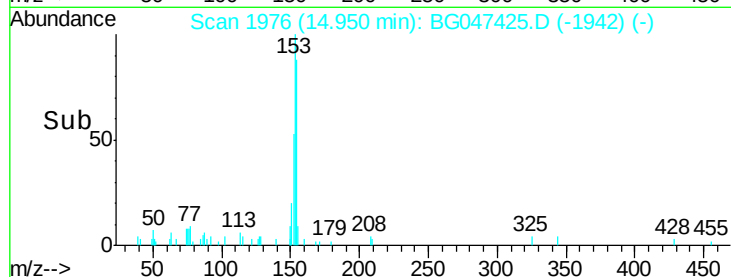
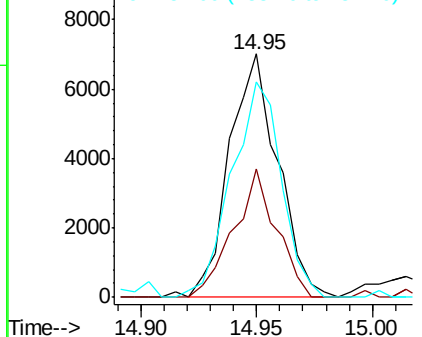
Tot Ion:	153	Resp:	10221
Ion Ratio	Lower	Upper	
153	100		
152	52.7	36.9	55.3
154	88.3	69.7	104.5

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.825 ng/ul

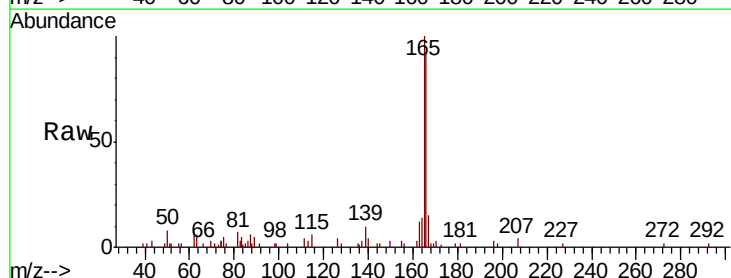
RT: 15.93 min Scan# 2142

Delta R.T. -0.00 min

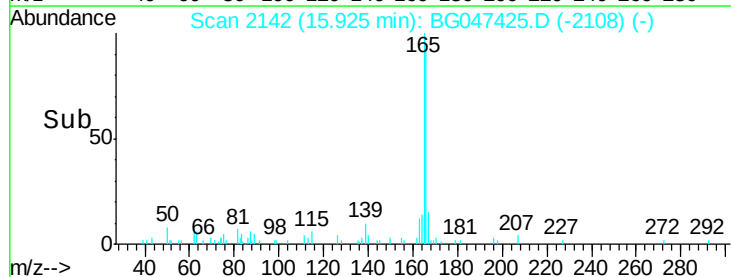
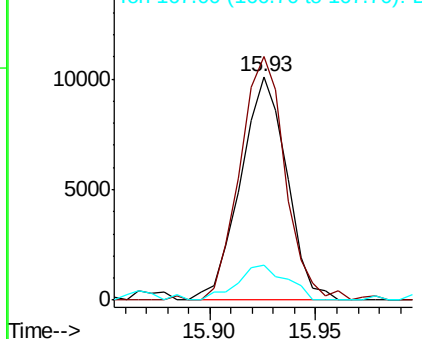
Lab File: BG047425.D

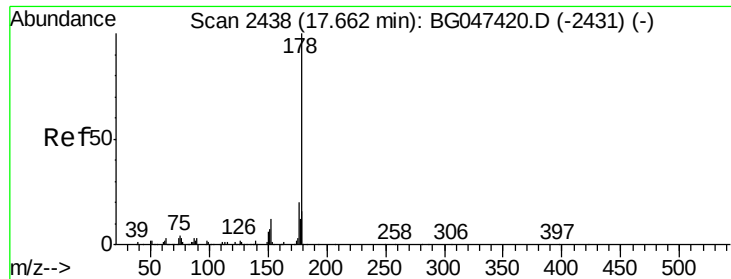
Acq: 23 Nov 2020 20:34

Tgt Ion:	166	Resp:	15355
Ion Ratio	Lower	Upper	
166	100		
165	109.0	79.8	119.6
167	15.8	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 39.676 ng/ul m

RT: 17.66 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Instrument :

BNA_G

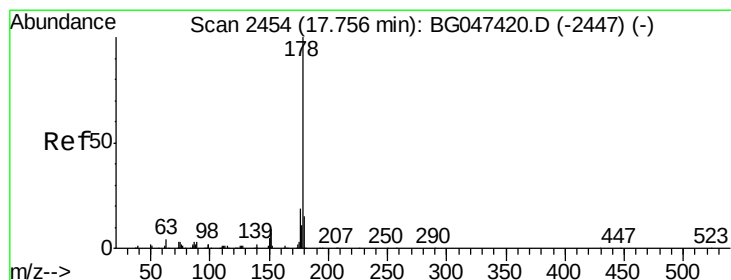
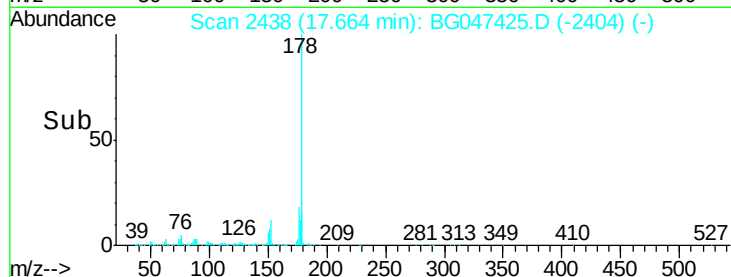
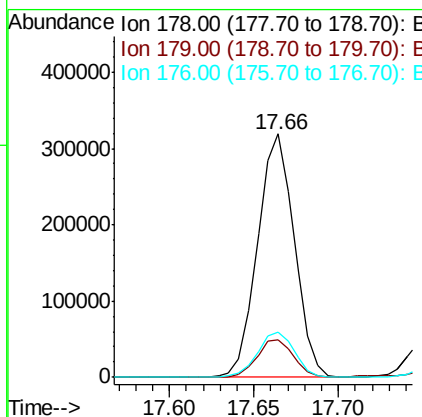
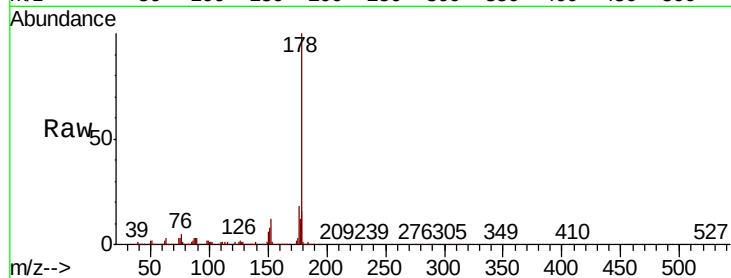
ClientSampleId :

C0B73

Tot Ion:	178	Resp:	482474
Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.6
176	18.5	13.9	20.9

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#72

Anthracene

Concen: 6.951 ng/ul

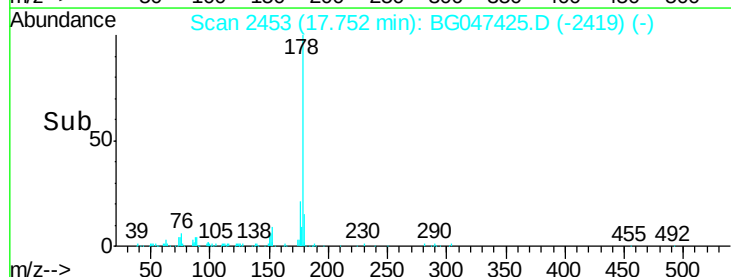
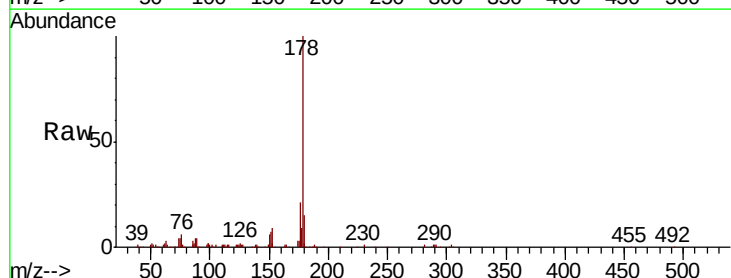
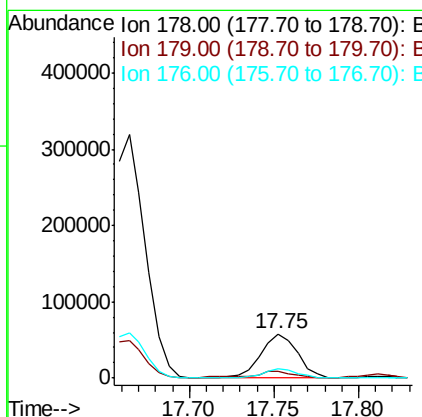
RT: 17.75 min Scan# 2453

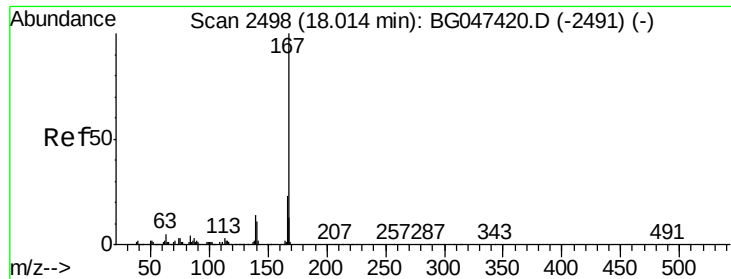
Delta R.T. -0.00 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Tgt Ion:	178	Resp:	85127
Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	20.6	15.4	23.0





#75

Carbazole

Concen: 2.646 ng/ul

RT: 18.02 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Instrument :

BNA_G

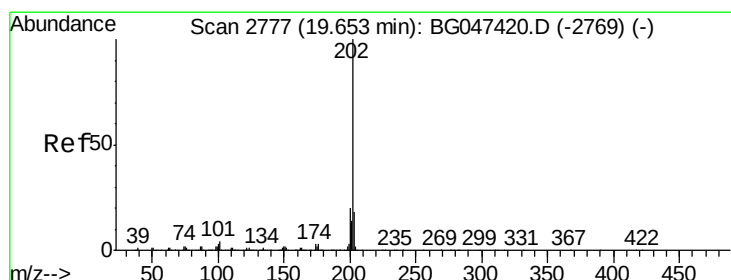
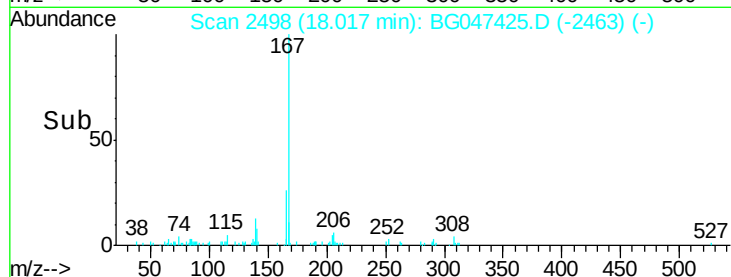
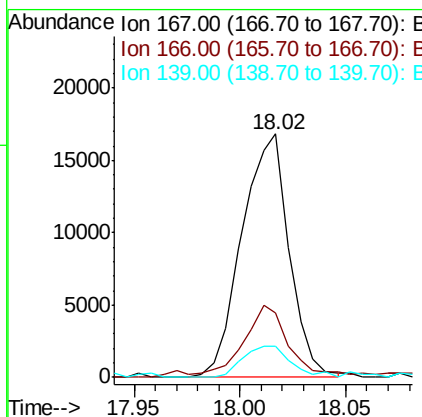
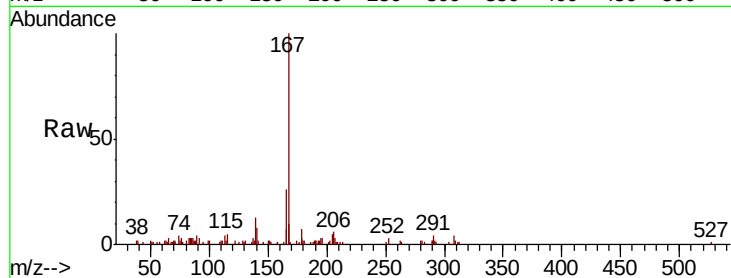
ClientSampleId :

C0B73

Tot Ion:	167	Resp:	26139
Ion Ratio	Lower	Upper	
167	100		
166	26.3	19.2	28.8
139	12.8	10.0	15.0

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#77

Fluoranthene

Concen: 81.164 ng/ul

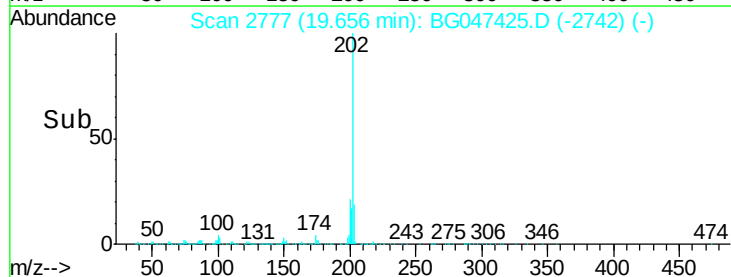
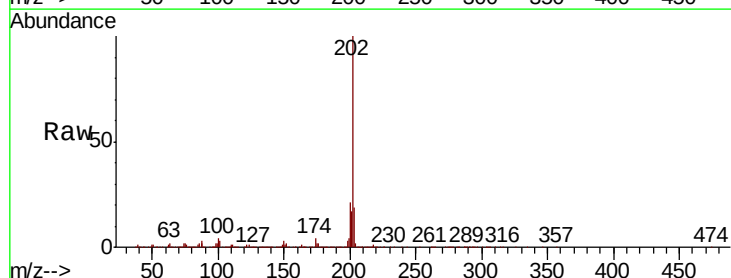
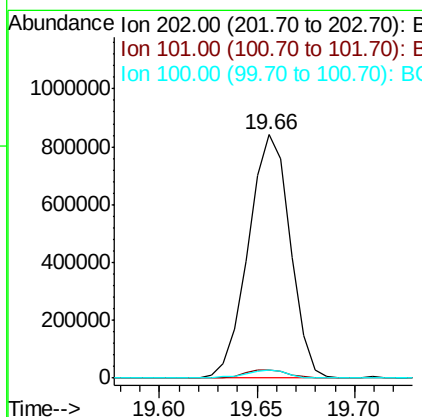
RT: 19.66 min Scan# 2777

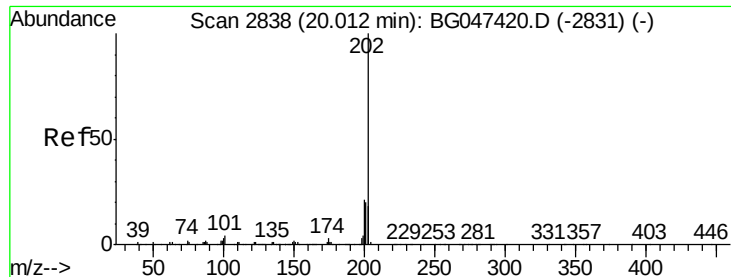
Delta R.T. 0.00 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Tgt Ion:	202	Resp:	1246482
Ion Ratio	Lower	Upper	
202	100		
101	3.5	3.0	4.6
100	3.5	3.0	4.6





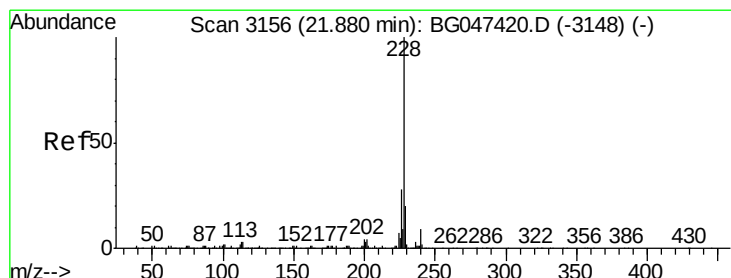
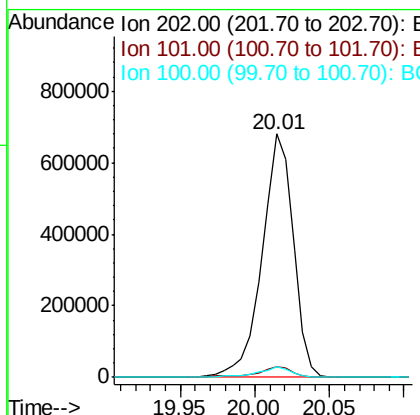
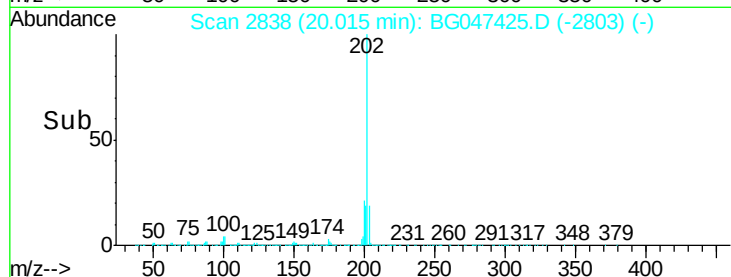
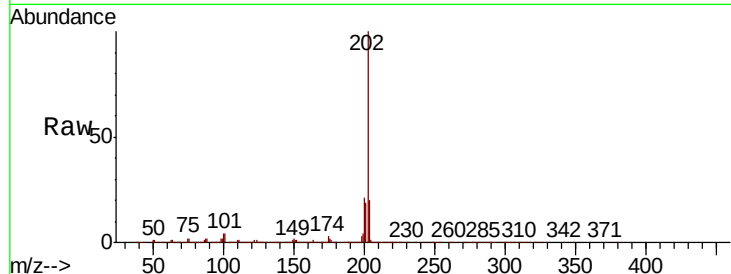
#80
Pvrene
Concen: 73.687 ng/ul
RT: 20.01 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Instrument :
BNA_G
ClientSampleId :
C0B73

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.2	3.5	5.3
100	4.3	3.4	5.0

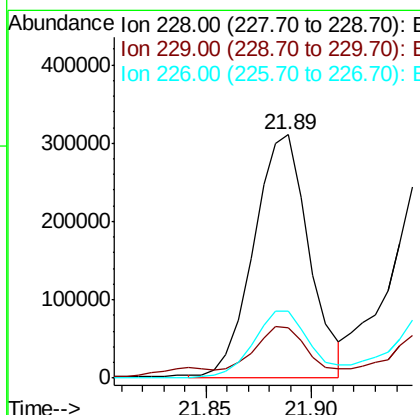
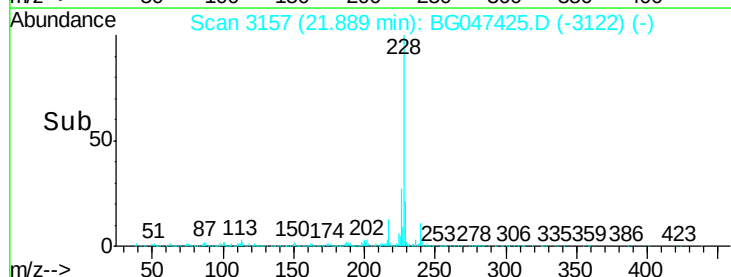
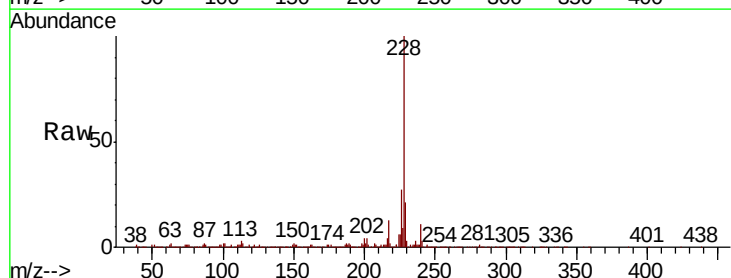
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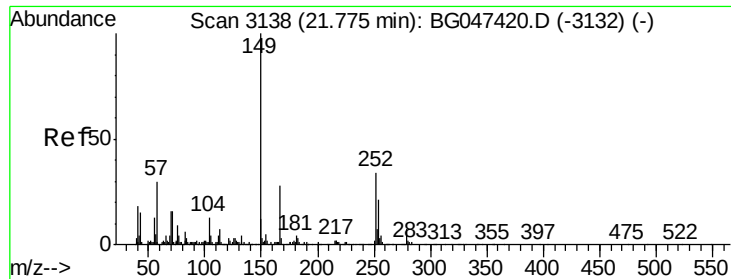
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#83
Benzo(a)anthracene
Concen: 42.095 ng/ul
RT: 21.89 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.6	23.4
226	27.3	21.7	32.5





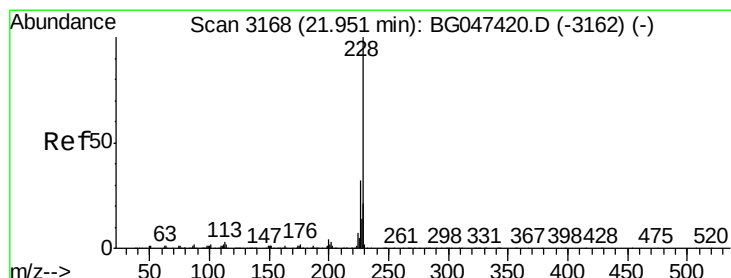
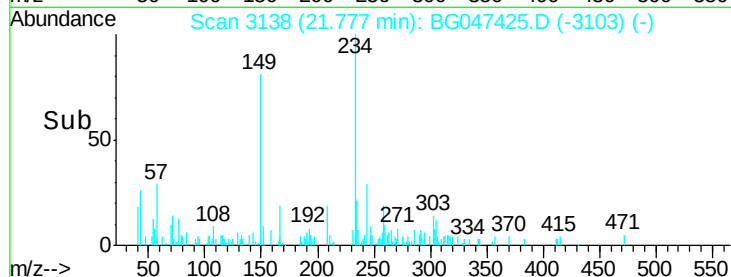
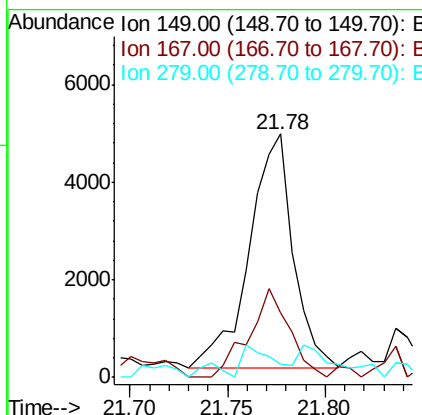
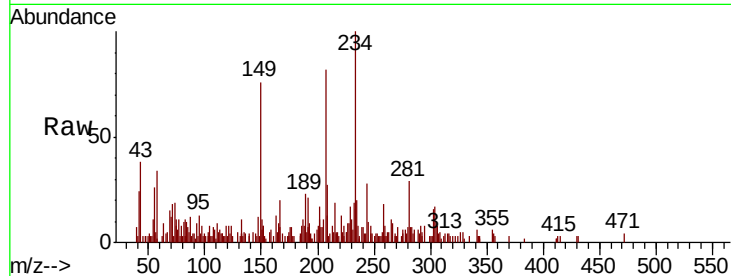
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.147 ng/ul
 RT: 21.78 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG047425.D
 Acq: 23 Nov 2020 20:34

Instrument :
 BNA_G
 ClientSampleId :
 C0B73

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	23.4	35.2
279	5.6	5.9	8.9

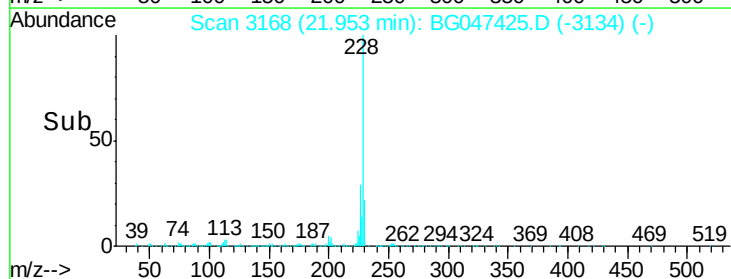
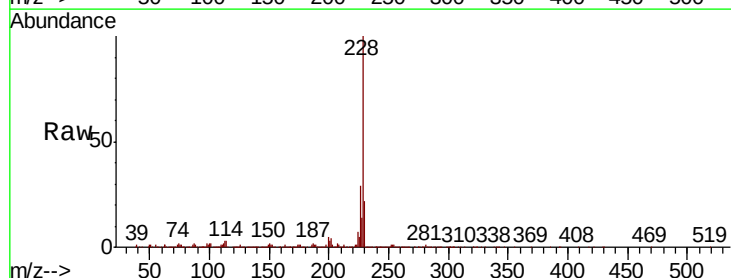
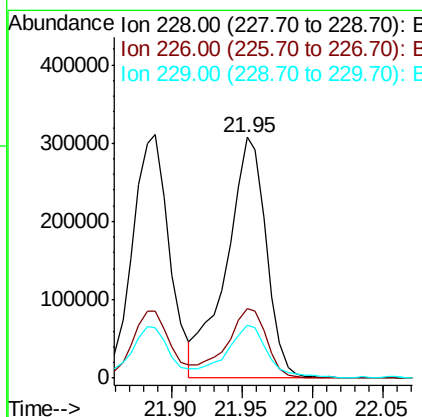
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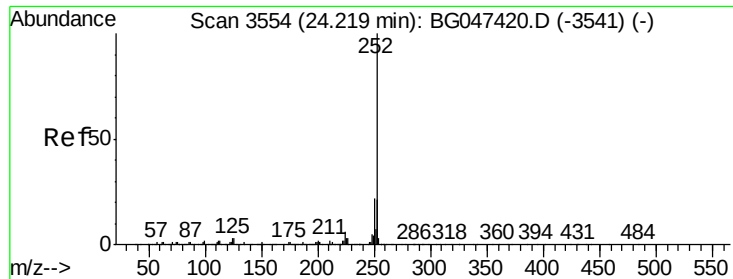
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#85
 Chrysene
 Concen: 47.041 ng/ul
 RT: 21.95 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG047425.D
 Acq: 23 Nov 2020 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	21.9	16.5	24.7





#88

Benzo(b)fluoranthene

Concen: 53.715 ng/ul

RT: 24.23 min Scan# 3556

Delta R.T. 0.01 min

Lab File: BG047425.D

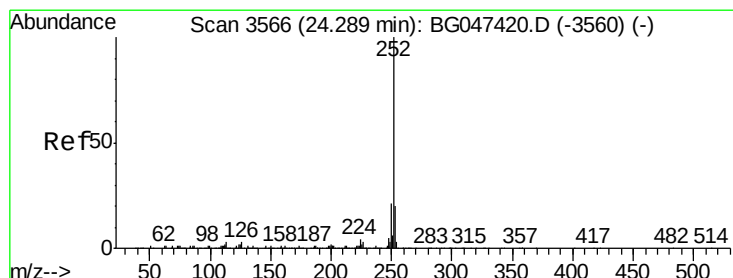
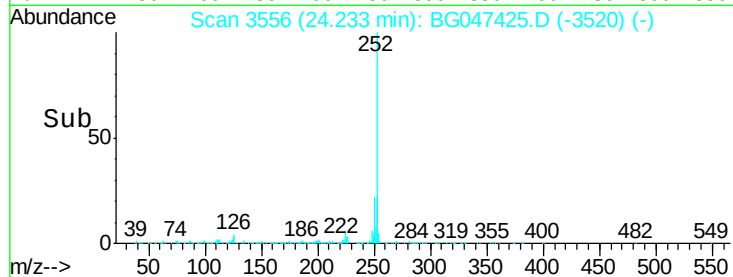
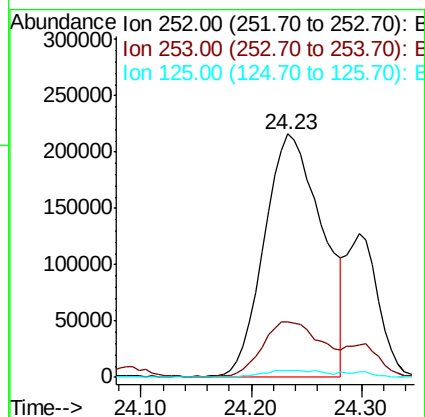
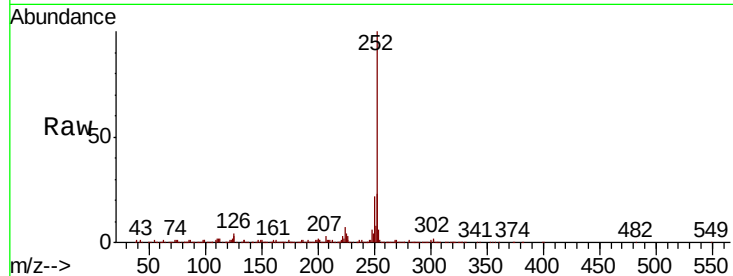
Acq: 23 Nov 2020 20:34

Instrument :
BNA_G
ClientSampleId :
C0B73

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.6	25.0
125	2.7	2.7	4.1#

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 17.632 ng/ul m

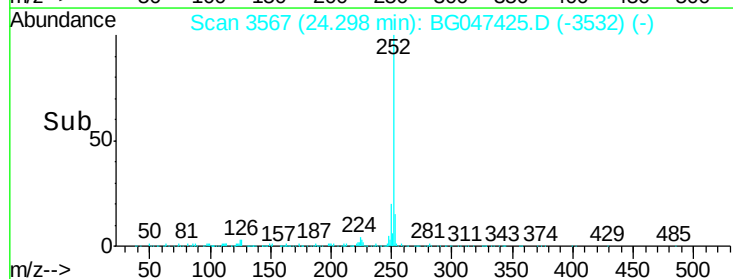
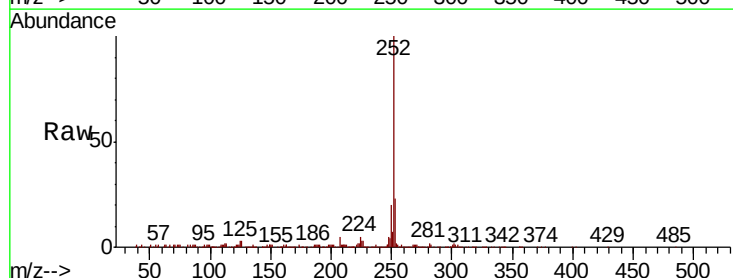
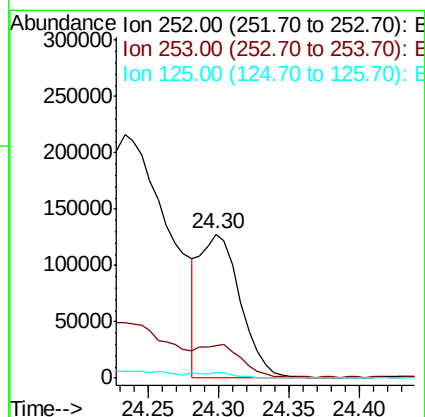
RT: 24.30 min Scan# 3567

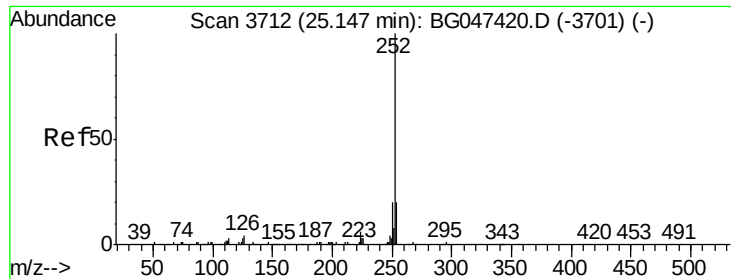
Delta R.T. 0.00 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	3.5	2.2	3.2#





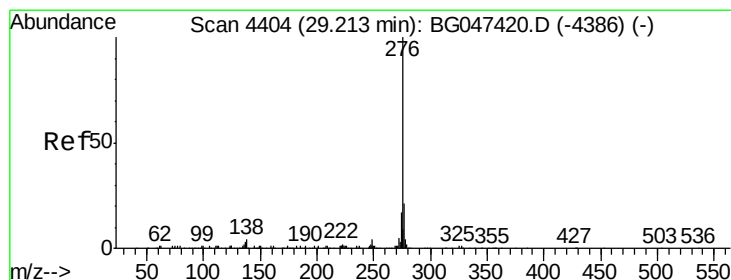
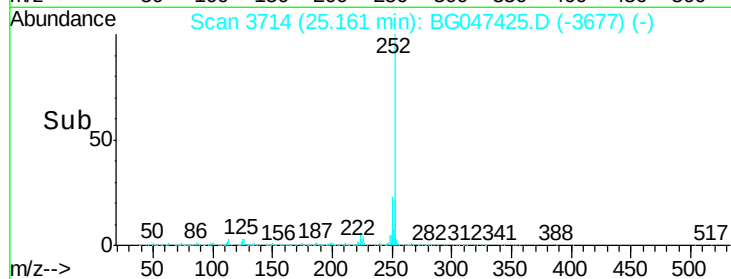
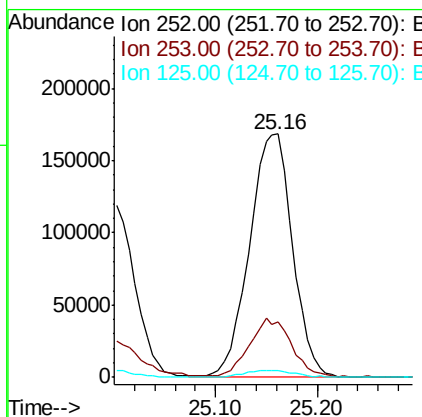
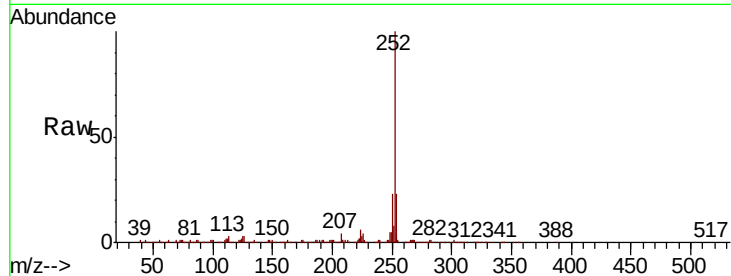
#91
Benzo(a)pyrene
Concen: 37.541 ng/ul m
RT: 25.16 min Scan# 3714
Delta R.T. 0.01 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Instrument :
BNA_G
ClientSampleId :
C0B73

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	2.7	3.1	4.7#

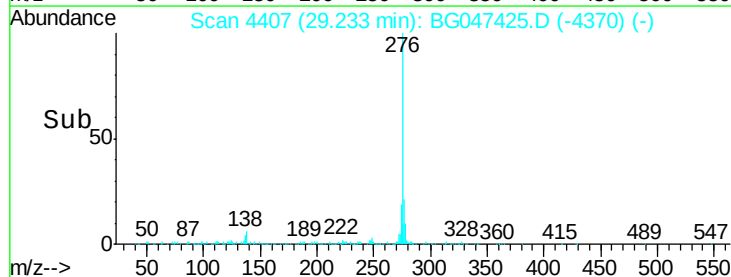
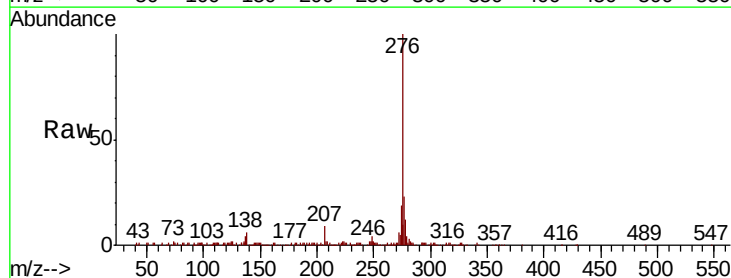
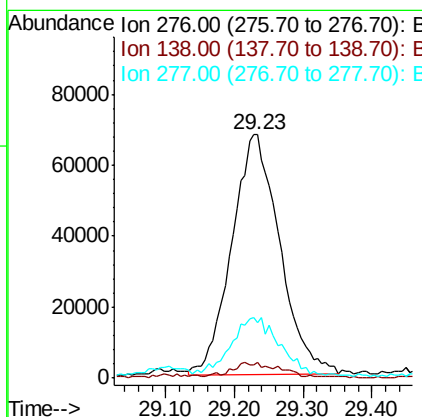
Manual Integrations
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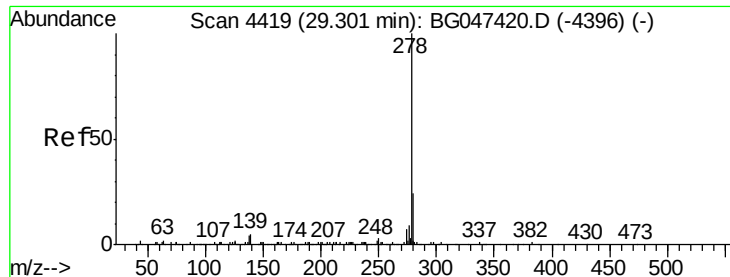
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 20.612 ng/ul
RT: 29.23 min Scan# 4407
Delta R.T. 0.01 min
Lab File: BG047425.D
Acq: 23 Nov 2020 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.3	5.0	7.6
277	22.5	16.5	24.7





#93

Dibenzo(a,h)anthracene

Concen: 6.711 ng/ul m

RT: 29.28 min Scan# 4415

Delta R.T. -0.01 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Instrument :

BNA_G

ClientSampled :

C0B73

Tot Ion:278 Resp: 87678

Ion Ratio Lower Upper

278 100

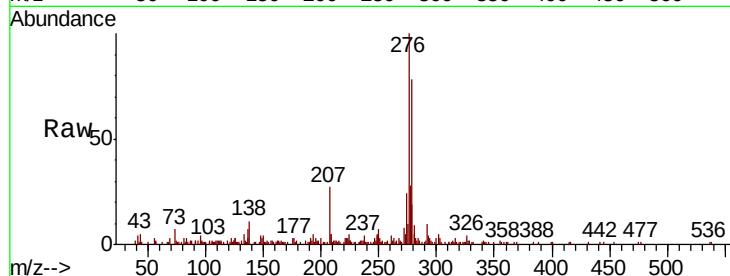
139 0.0 4.6 7.0#

279 24.3 18.2 27.2

Manual Integrations
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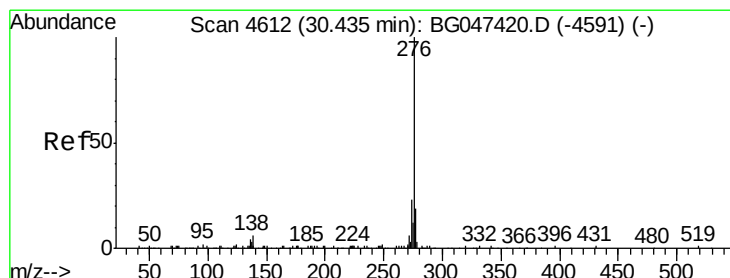
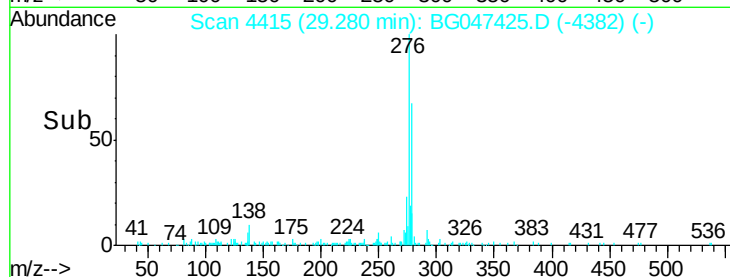
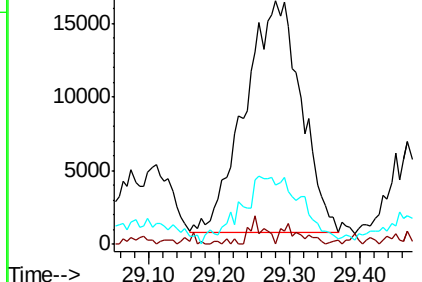
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 19.785 ng/ul m

RT: 30.47 min Scan# 4617

Delta R.T. 0.02 min

Lab File: BG047425.D

Acq: 23 Nov 2020 20:34

Tgt Ion:276 Resp: 260147

Ion Ratio Lower Upper

276 100

138 4.6 5.8 8.6#

277 19.6 17.4 26.2

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

