

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
 Data File : BG047395.D
 Acq On : 21 Nov 2020 13:13
 Operator : CG/JU
 Sample : L4854-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD4

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:00:26 AM

Quant Time: Nov 21 13:51:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 11:53:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	35881	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	141897	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.90	164	99693	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.63	188	192038	20.00	ng/ul	0.01
78) Chrysene-d12	21.91	240	183864	20.00	ng/ul	0.01
86) Perylene-d12	25.33	264	199452	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2061	2.09	ng/uL	0.00
5) Phenol-d5	7.41	99	48867	13.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	30475	14.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	37727	15.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	36364	13.15	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	18570	15.84	ng/ul	0.01
22) 2-Nitrophenol-d4	10.17	143	22121	17.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	47582	16.25	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	44171	14.92	ng/ul	0.01
44) Dimethylphthalate-d6	14.28	166	139394	16.29	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	167588	16.94	ng/ul	0.01
52) 4-Nitrophenol-d4	15.05	143	19390	14.85	ng/ul	0.01
58) Fluorene-d10	15.88	176	119927	15.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	10574	9.67	ng/ul	0.01
71) Anthracene-d10	17.73	188	174292	18.30	ng/ul	0.01
79) Pyrene-d10	19.99	212	179123	16.74	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.09	264	205241	17.88	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.44	94	11470	3.327	ng/ul	92
28) Naphthalene	11.16	128	11223	1.396	ng/ul#	86
34) 2-Methylnaphthalene	12.74	142	22904	3.846	ng/ul	92
45) Dimethylphthalate	14.33	163	57594	6.597	ng/ul#	94
70) Phenanthrene	17.67	178	25060	2.416	ng/ul#	93
77) Fluoranthene	19.66	202	13652	1.042	ng/ul#	98
80) Pyrene	20.02	202	20121m	1.545	ng/ul	

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

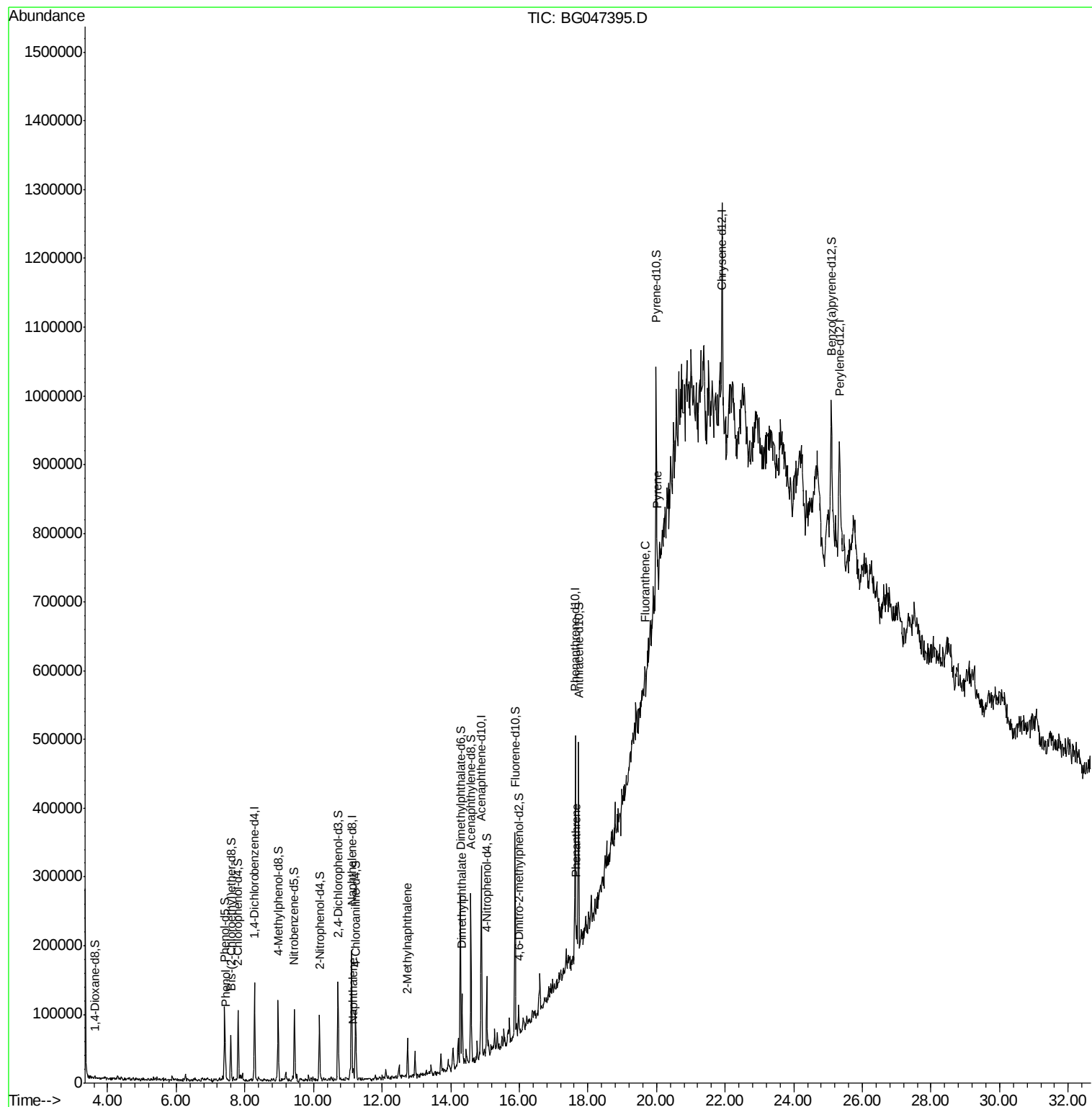
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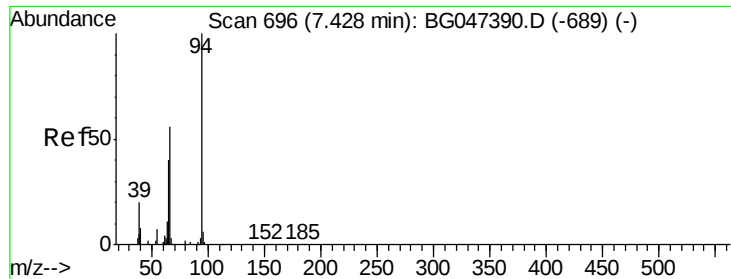
Instrument :
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#6

Phenol

Concen: 3.327 ng/ul

RT: 7.44 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG047395.D

Acq: 21 Nov 2020 13:13

Instrument :

BNA_G

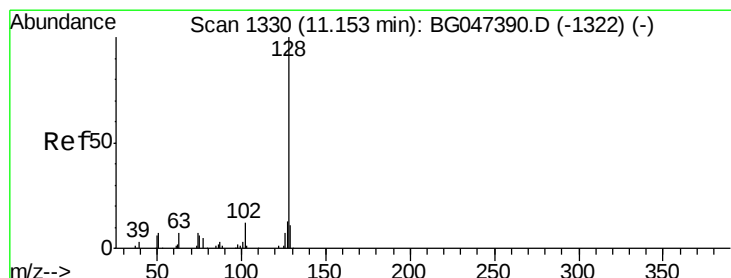
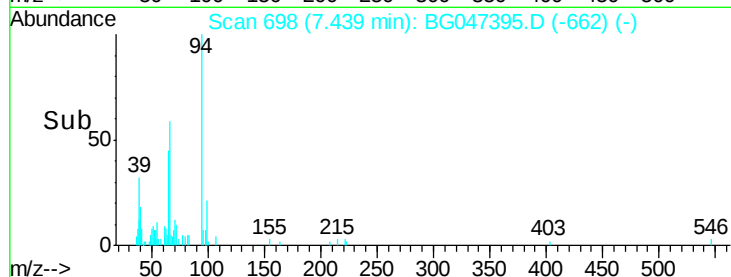
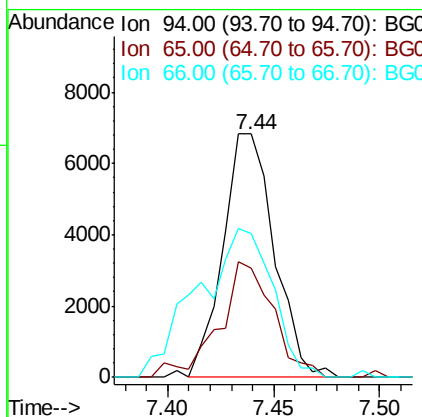
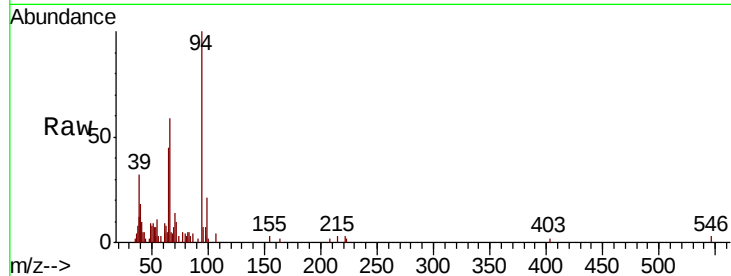
ClientSampleId :

C0AD4

Tot Ion:	94	Resp:	11470
Ion	Ratio	Lower	Upper
94	100		
65	45.0	31.2	46.8
66	59.2	52.2	78.2

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#28

Naphthalene

Concen: 1.396 ng/ul

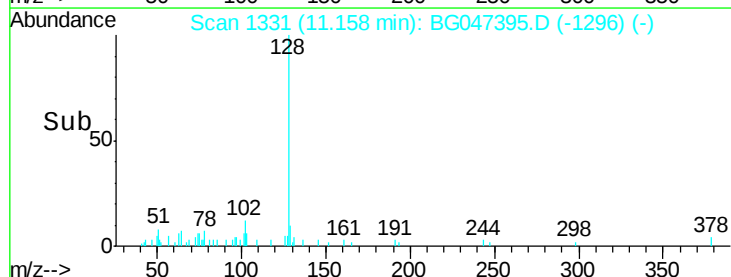
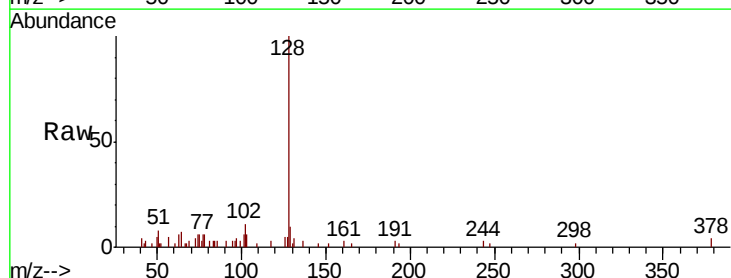
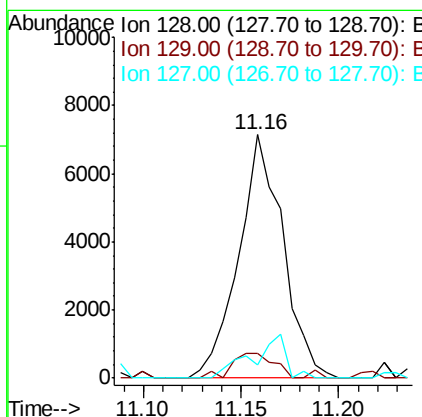
RT: 11.16 min Scan# 1331

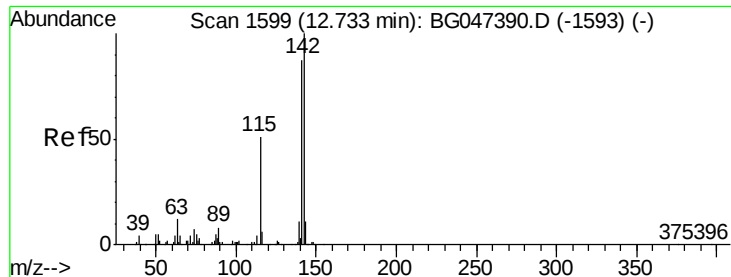
Delta R.T. 0.01 min

Lab File: BG047395.D

Acq: 21 Nov 2020 13:13

Tgt Ion:	128	Resp:	11223
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	13.0
127	5.2	11.5	17.3#





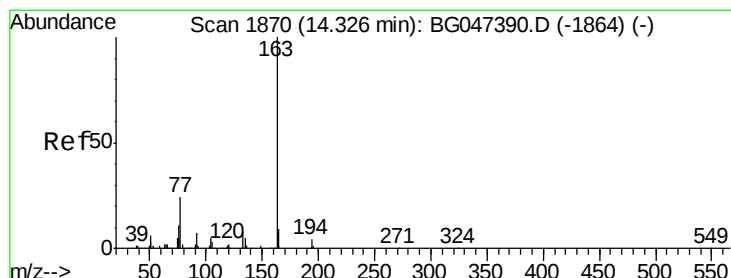
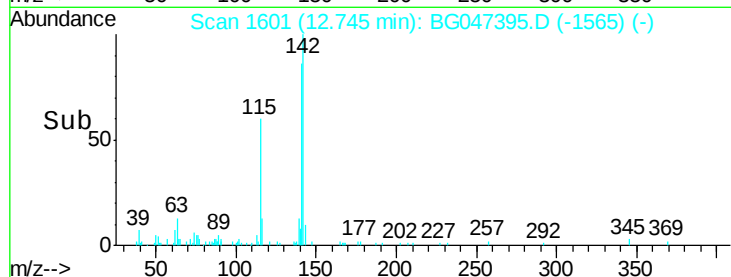
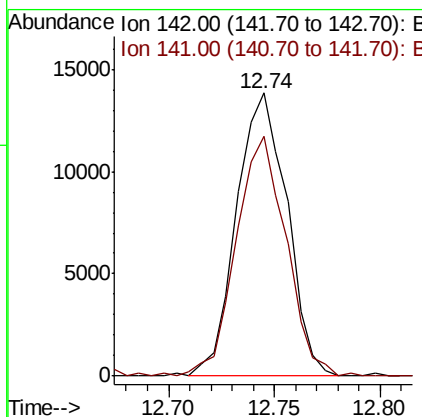
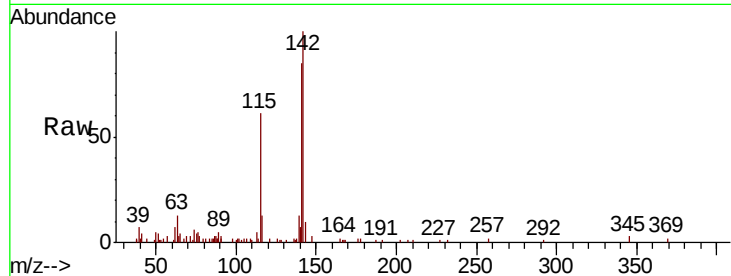
#34
2-Methylnaphthalene
Concen: 3.846 ng/ul
RT: 12.74 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BG047395.D
Acq: 21 Nov 2020 13:13

Instrument :
BNA_G
ClientSampleId :
C0AD4

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.8	74.1	111.1

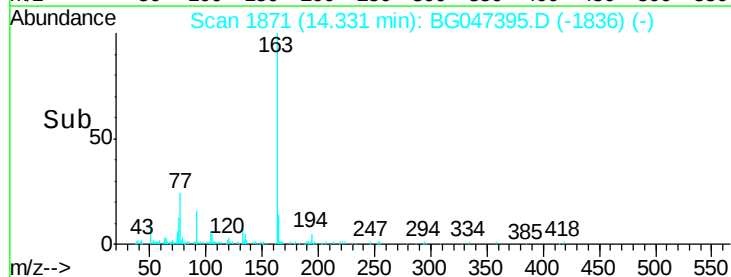
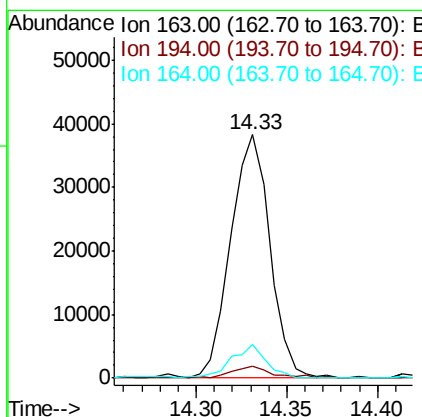
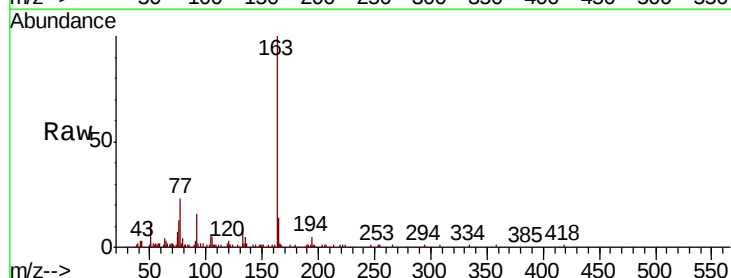
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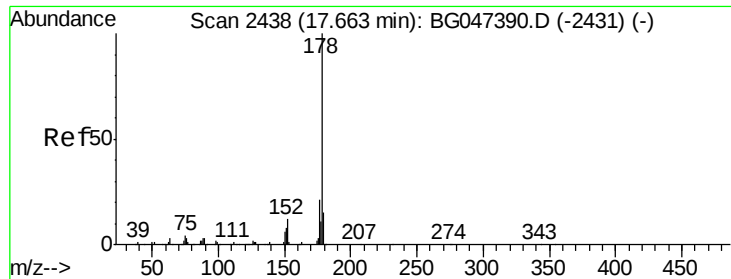
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#45
Dimethylphthalate
Concen: 6.597 ng/ul
RT: 14.33 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BG047395.D
Acq: 21 Nov 2020 13:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	13.7	8.8	13.2





#70

Phenanthrene

Concen: 2.416 ng/ul

RT: 17.67 min Scan# 2439

Delta R.T. 0.01 min

Lab File: BG047395.D

Acq: 21 Nov 2020 13:13

Instrument :

BNA_G

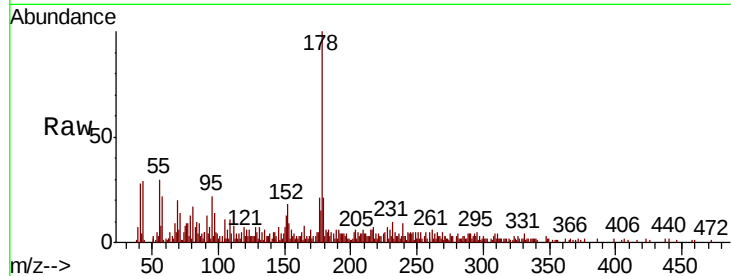
ClientSampleId :

C0AD4

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.8	19.2#
176	21.3	15.7	23.5

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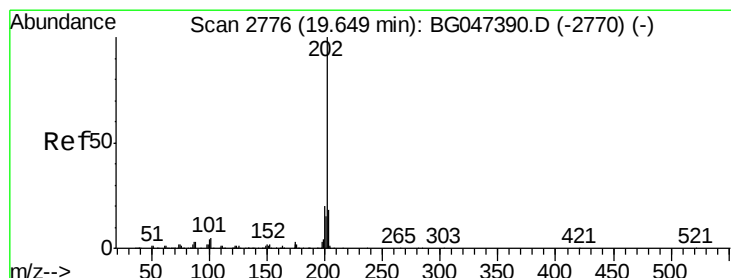
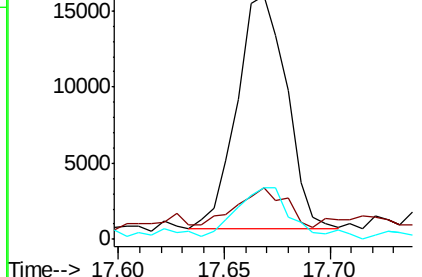
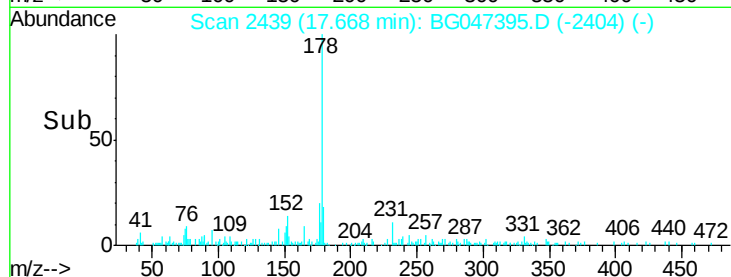


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.67



#77

Fluoranthene

Concen: 1.042 ng/ul

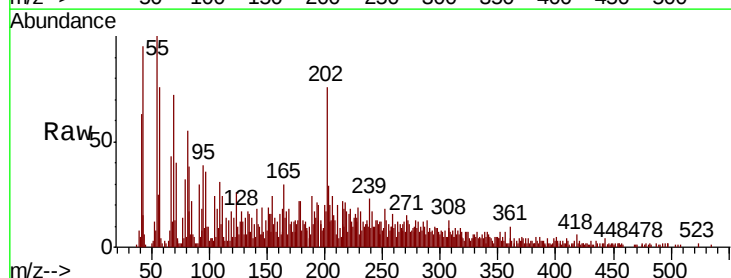
RT: 19.66 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BG047395.D

Acq: 21 Nov 2020 13:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.5	3.3	4.9#
100	4.0	3.4	5.0

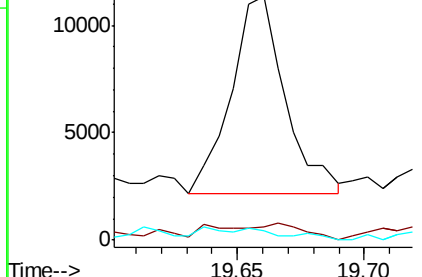
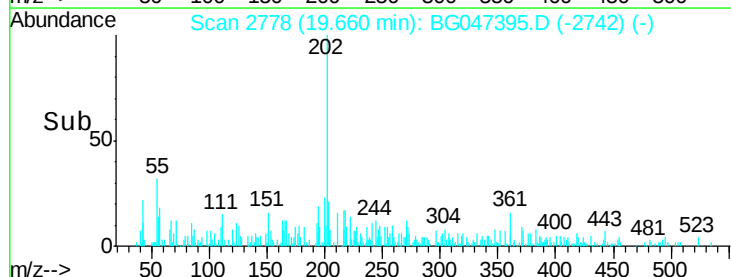


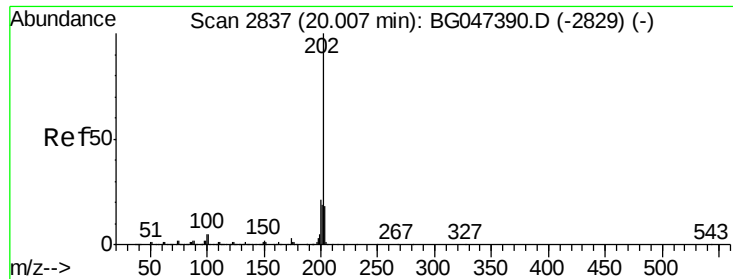
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.66





#80
 Pvrene
 Concen: 1.545 ng/ul m
 RT: 20.02 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG047395.D
 Acq: 21 Nov 2020 13:13

Instrument :
 BNA_G
 ClientSampleId :
 C0AD4

Tot Ion:	202	Resp:	20121
Ion Ratio	Lower	Upper	
202	100		
101	6.3	5.0	7.4
100	3.3	4.6	7.0#

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