

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047559.D
 Acq On : 4 Dec 2020 5:32
 Operator : CG/JU
 Sample : L4855-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Y9

Manual Integrations
 APPROVED

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 12/4/2020 4:31:18 PM

Quant Time: Dec 04 06:19:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	38016	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	141591	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	105003	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	252429m	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	214947m	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	231375	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	3771	3.61	ng/uL	0.02
5) Phenol-d5	7.39	99	107291	28.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	55800	25.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	85350	33.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	82703	28.23	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	39154	33.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	48497	38.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	98396	33.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	101915	34.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	290230	32.20	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	356015	34.17	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	46346	33.70	ng/ul	0.00
58) Fluorene-d10	15.85	176	276088	33.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	48937	34.06	ng/ul	0.00
71) Anthracene-d10	17.70	188	421084	33.63	ng/ul	0.00
79) Pyrene-d10	19.96	212	439705	35.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	456611	34.29	ng/ul	0.02

Target Compounds

					Ovalue
70) Phenanthrene	17.64	178	14926	1.095 ng/ul	95
77) Fluoranthene	19.64	202	33003m	1.917 ng/ul	
80) Pyrene	19.99	202	31673m	2.080 ng/ul	
83) Benzo(a)anthracene	21.86	228	19012	1.243 ng/ul	97
85) Chrysene	21.93	228	18257m	1.254 ng/ul	
88) Benzo(b)fluoranthene	24.19	252	26442	1.619 ng/ul	93
91) Benzo(a)pyrene	25.11	252	15451m	1.061 ng/ul	

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

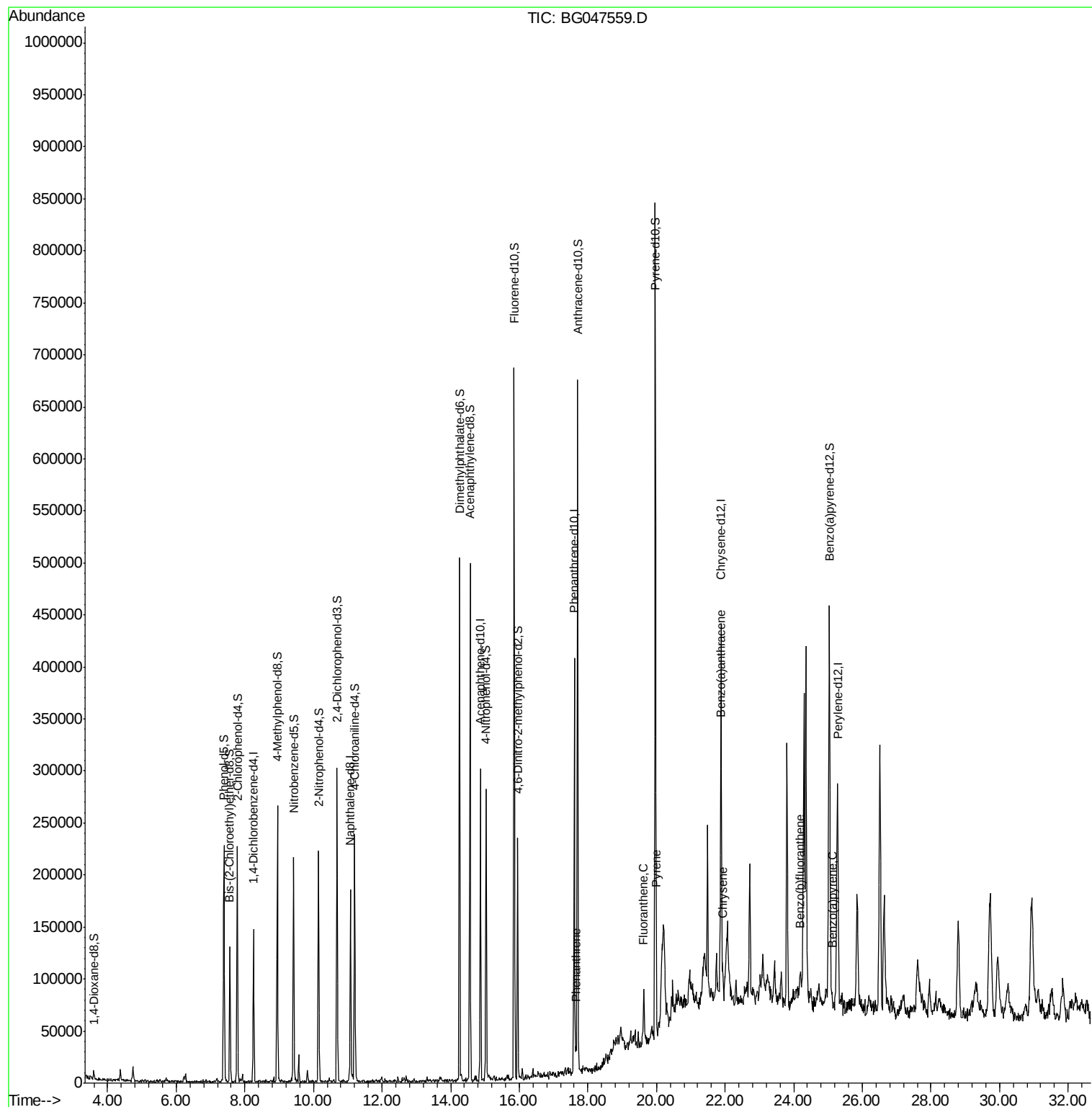
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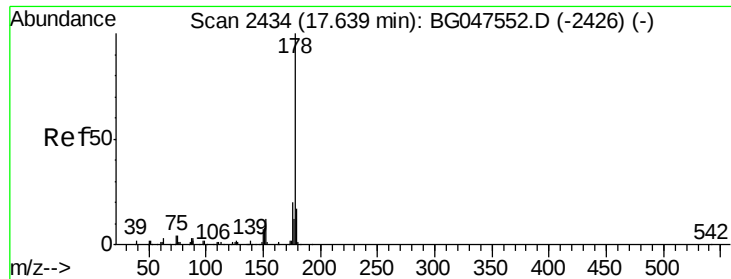
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Quant Title : SVOA CALIBRATION
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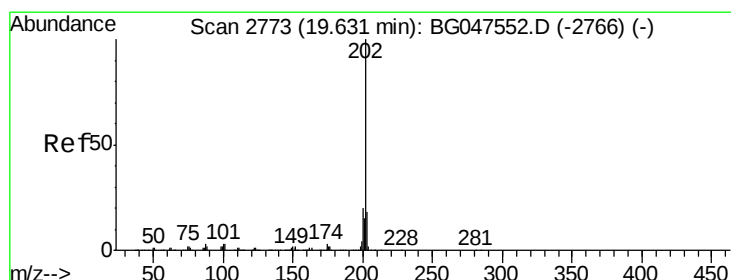
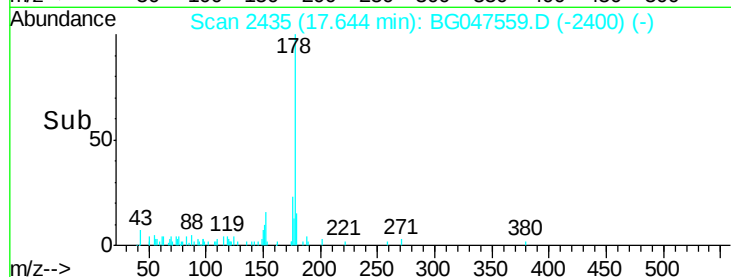
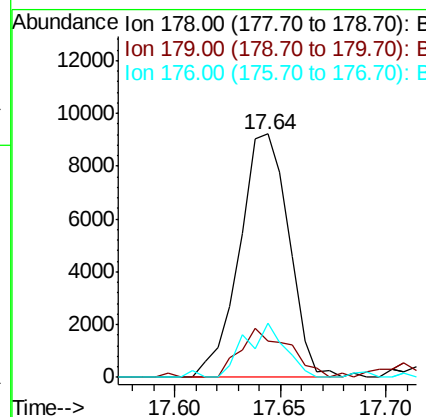
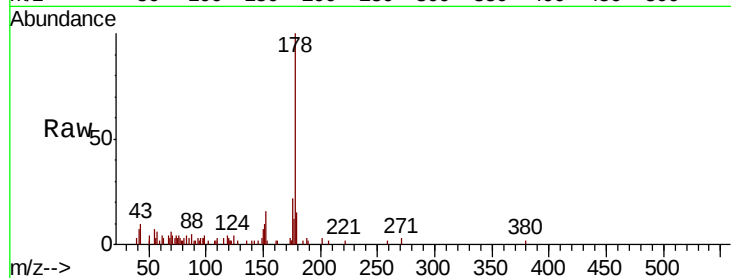
#70
Phenanthrene
Concen: 1.095 ng/ul
RT: 17.64 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG047559.D
Acq: 4 Dec 2020 5:32

Instrument :
BNA_G
ClientSampleId :
CB7Y9

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	22.3	15.0	22.4

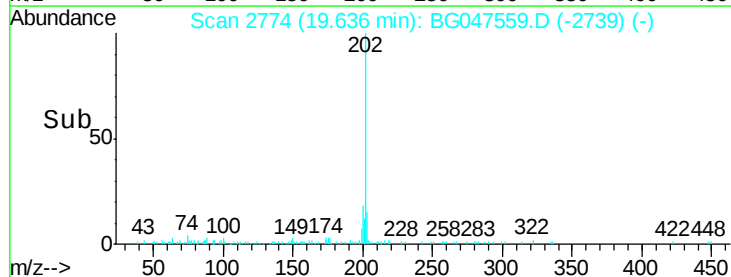
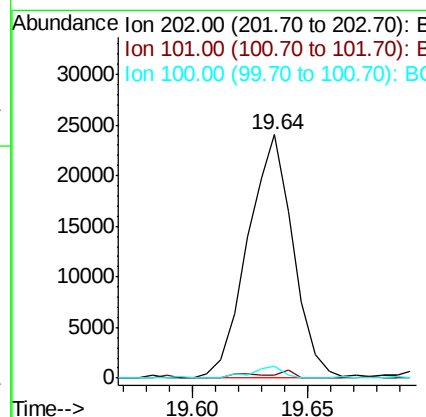
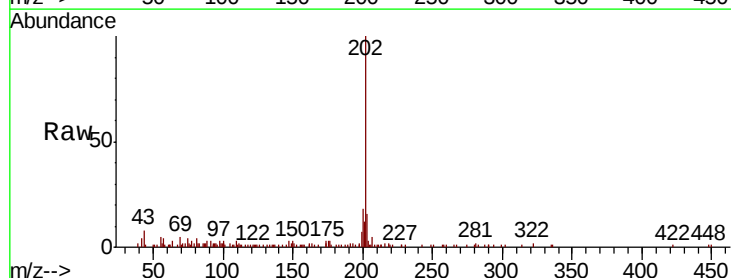
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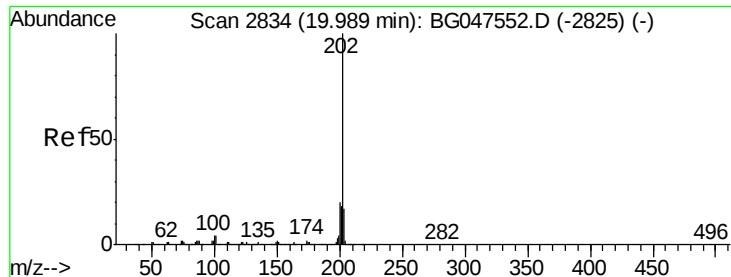
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#77
Fluoranthene
Concen: 1.917 ng/ul m
RT: 19.64 min Scan# 2774
Delta R.T. 0.00 min
Lab File: BG047559.D
Acq: 4 Dec 2020 5:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	1.2	2.8	4.2#
100	3.2	2.6	3.8





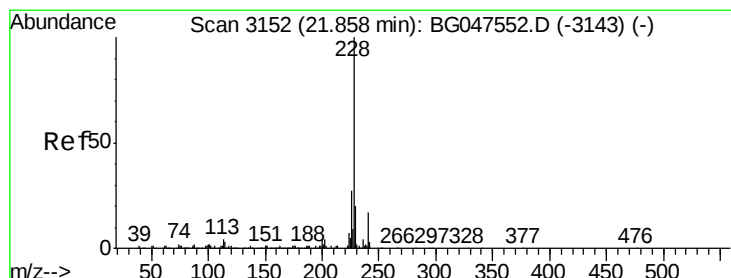
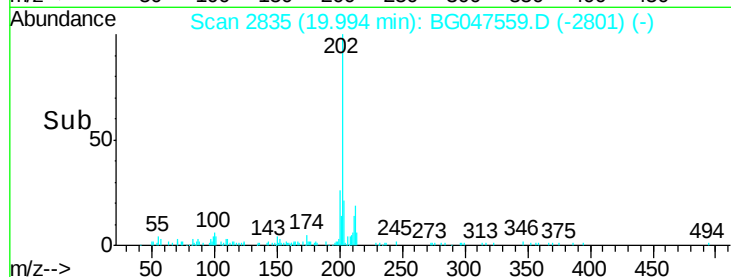
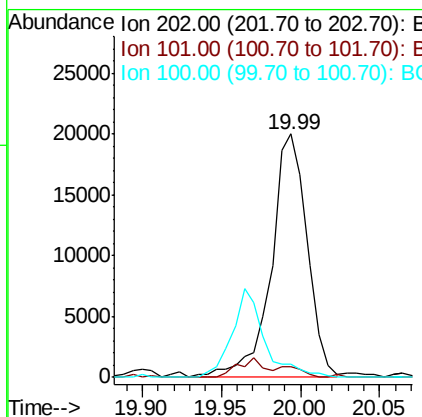
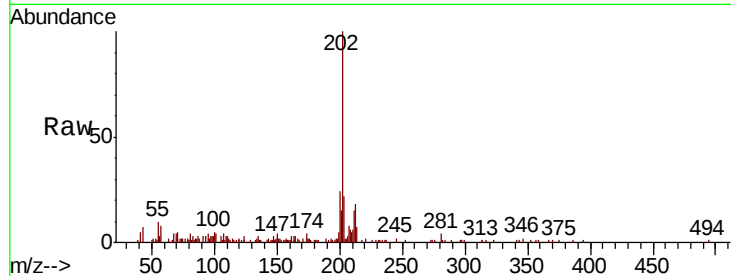
#80
Pvrene
Concen: 2.080 ng/ul m
RT: 19.99 min Scan# 2835
Delta R.T. -0.00 min
Lab File: BG047559.D
Acq: 4 Dec 2020 5:32

Instrument :
BNA_G
ClientSampled :
CB7Y9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.2	3.8	5.6
100	5.4	2.2	3.4

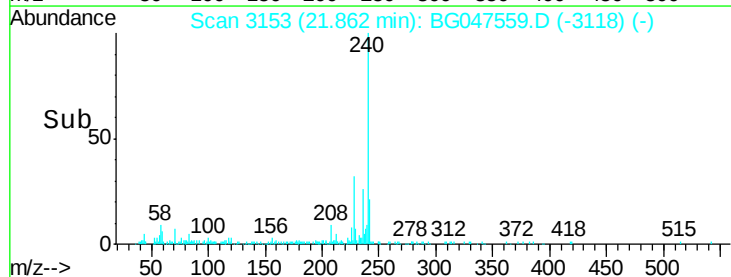
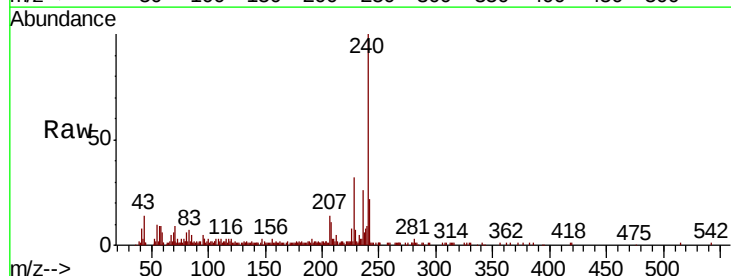
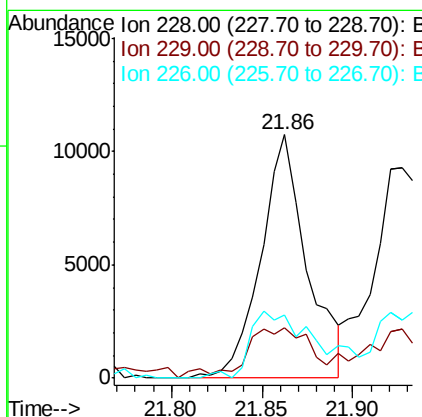
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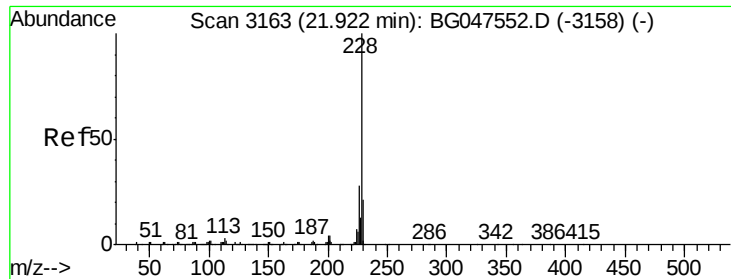
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#83
Benzo(a)anthracene
Concen: 1.243 ng/ul
RT: 21.86 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG047559.D
Acq: 4 Dec 2020 5:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	14.7	22.1
226	26.0	21.6	32.4





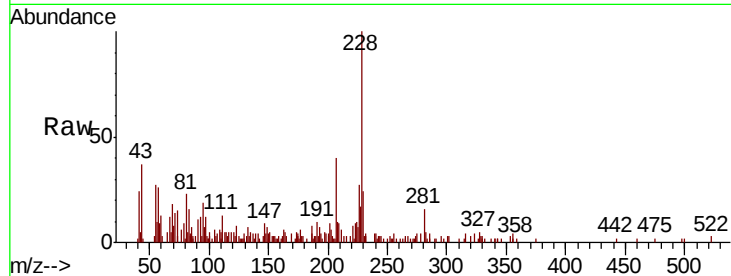
#85
Chrysene
Concen: 1.254 ng/ul m
RT: 21.93 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG047559.D
Acq: 4 Dec 2020 5:32

Instrument :
BNA_G
ClientSampleId :
CB7Y9

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.8	35.6
229	23.6	15.5	23.3

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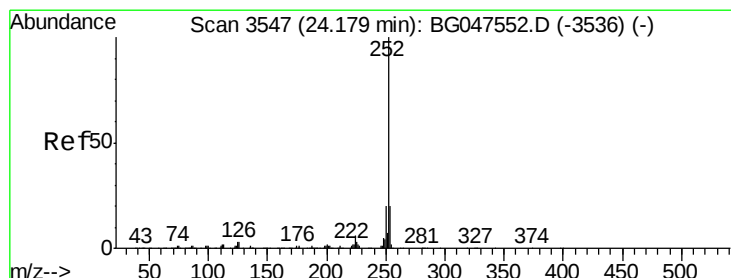
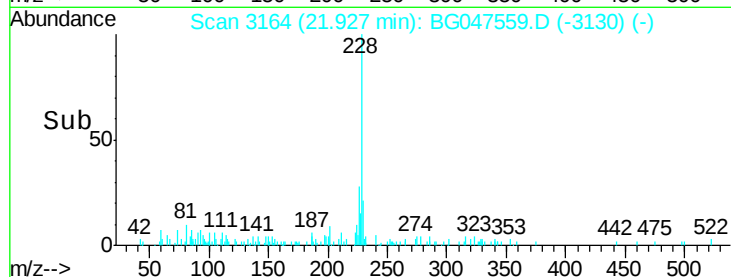
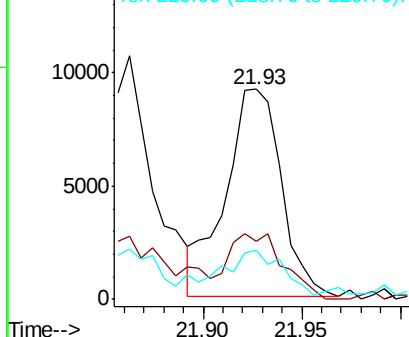


Abundance

Ion 228.00 (227.70 to 228.70): E

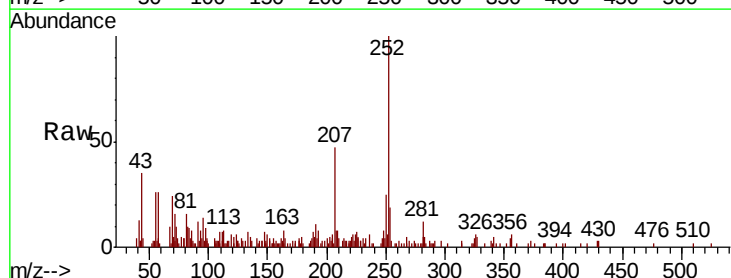
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88
Benzo(b)fluoranthene
Concen: 1.619 ng/ul
RT: 24.19 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BG047559.D
Acq: 4 Dec 2020 5:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.6	17.9	26.9
125	2.8	2.4	3.6

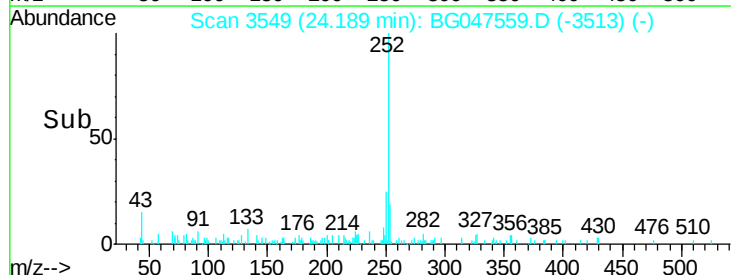
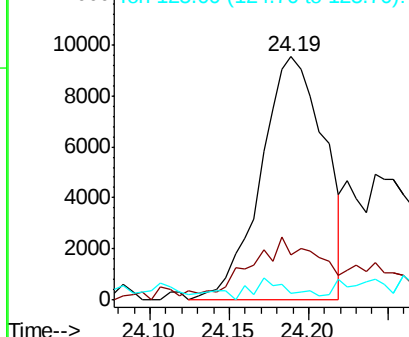


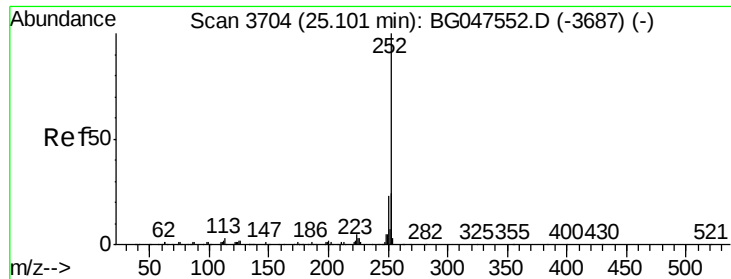
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.061 ng/ul m

RT: 25.11 min Scan# 3706

Delta R.T. 0.01 min

Lab File: BG047559.D

Acq: 4 Dec 2020 5:32

Instrument :

BNA_G

ClientSampleId :

CB7Y9

Tot Ion:	252	Resp:	15451
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.3	25.9#
125	5.1	2.3	3.5#

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