

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047561.D
 Acq On : 4 Dec 2020 6:53
 Operator : CG/JU
 Sample : L4855-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z5

Manual Integrations
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Quant Time: Dec 04 07:44:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	34609	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	127634	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	99641	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	229860	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	194096	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	218935	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	3596	3.78	ng/uL	0.00
5) Phenol-d5	7.39	99	93393	26.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	46776	23.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	71847	30.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	74571	27.96	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	32806	31.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	40803	35.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	83270	31.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	82082	30.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	257090	30.05	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	311719	31.53	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	40395	30.95	ng/ul	0.00
58) Fluorene-d10	15.85	176	238733	30.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	40274m	30.78	ng/ul	0.00
71) Anthracene-d10	17.70	188	357539	31.36	ng/ul	0.00
79) Pyrene-d10	19.97	212	372341	32.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	381834	30.30	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	7.42	94	3443	1.035	ng/ul 95
28) Naphthalene	11.13	128	10296	1.424	ng/ul# 90
45) Dimethylphthalate	14.30	163	9821	1.126	ng/ul 99
70) Phenanthrene	17.64	178	51450	4.145	ng/ul 98
77) Fluoranthene	19.63	202	100663	6.421	ng/ul# 97
80) Pyrene	20.00	202	87071	6.333	ng/ul# 97
83) Benzo(a)anthracene	21.86	228	55230	3.999	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.75	149	13988	2.078	ng/ul# 86
85) Chrysene	21.93	228	53523m	4.073	ng/ul
88) Benzo(b)fluoranthene	24.19	252	79291	5.129	ng/ul# 99
89) Benzo(k)fluoranthene	24.25	252	22353	1.467	ng/ul# 90
91) Benzo(a)pyrene	25.11	252	47695	3.461	ng/ul# 99
92) Indeno(1,2,3-cd)pyrene	29.16	276	36033m	2.150	ng/ul
94) Benzo(g,h,i)perylene	30.37	276	40554m	2.932	ng/ul

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

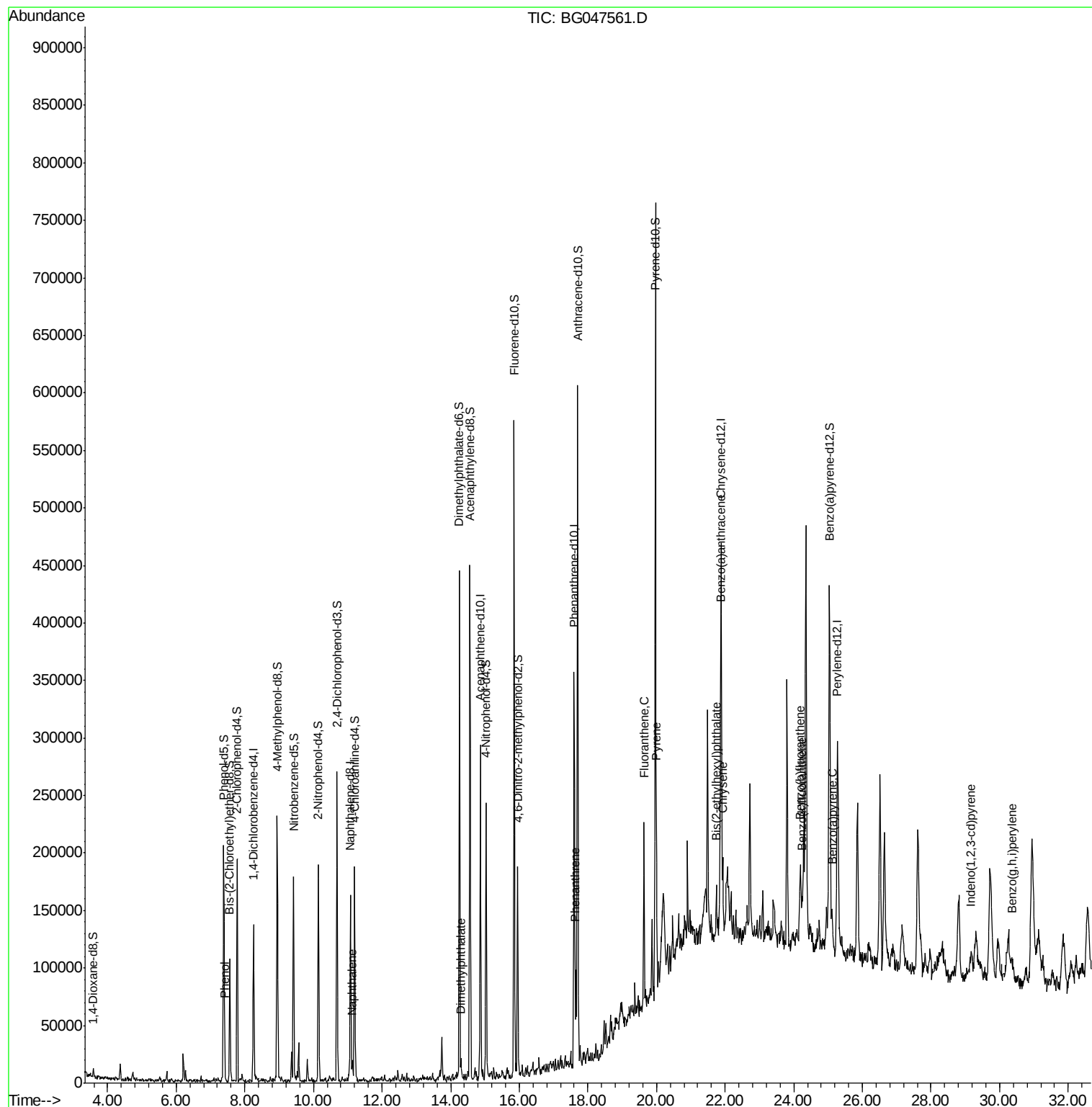
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047561.D
Acq On : 4 Dec 2020 6:53
Operator : CG/JU
Sample : L4855-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

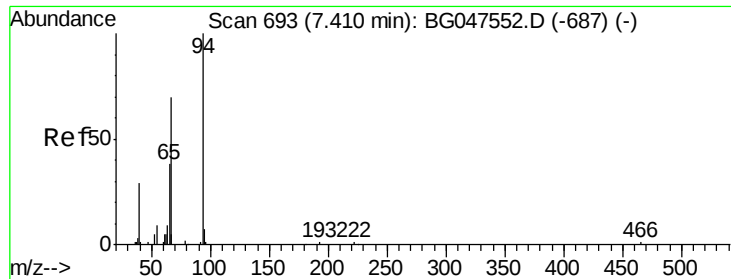
Instrument :
BNA_G
ClientSampled :
CB7Z5

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Quant Time: Dec 04 07:44:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration





#6

Phenol

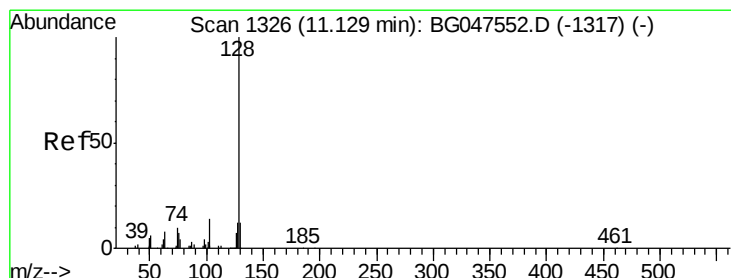
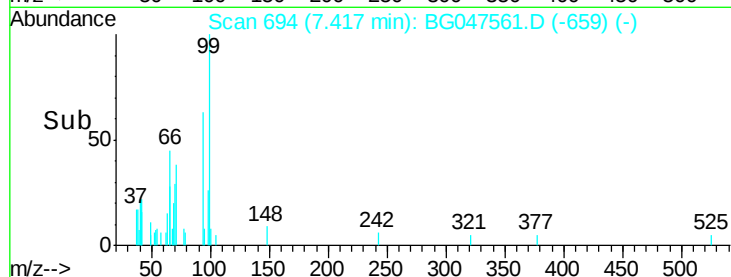
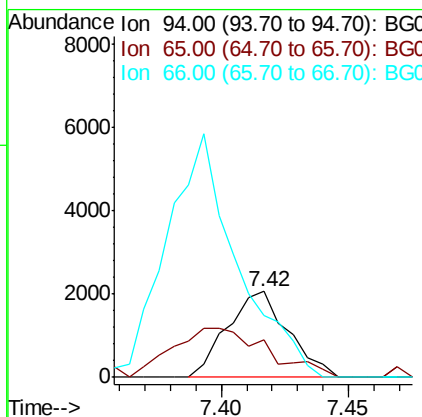
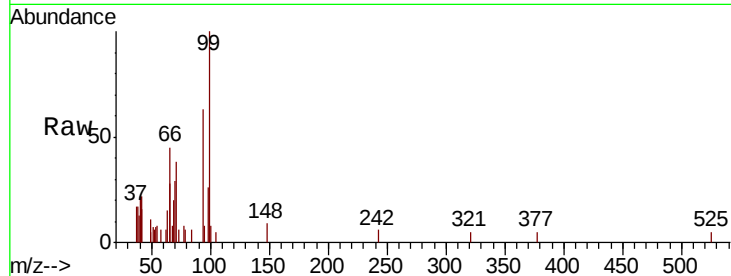
Concen: 1.035 ng/ul
 RT: 7.42 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BG047561.D
 Acq: 4 Dec 2020 6:53

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z5

Tot Ion	Ratio	Lower	Upper
94	100		
65	44.2	33.8	50.6
66	71.5	53.5	80.3

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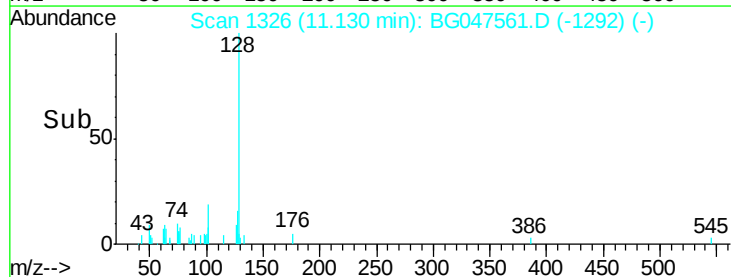
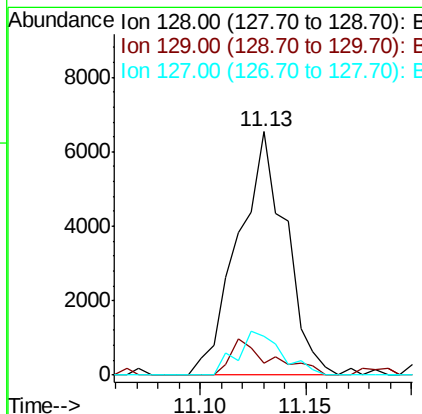
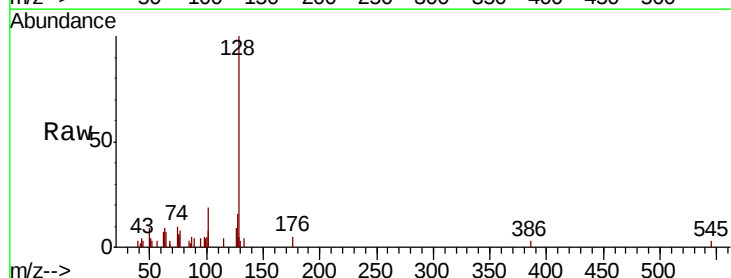


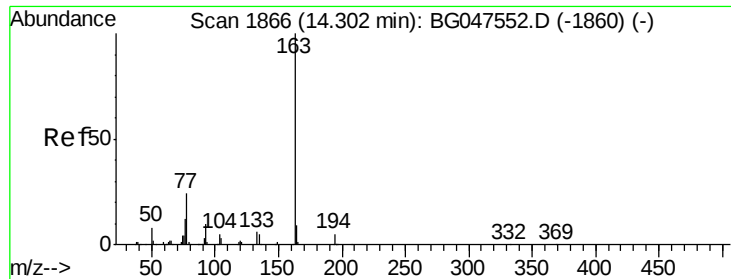
#28

Naphthalene

Concen: 1.424 ng/ul
 RT: 11.13 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BG047561.D
 Acq: 4 Dec 2020 6:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	5.0	8.6	13.0#
127	15.9	10.7	16.1





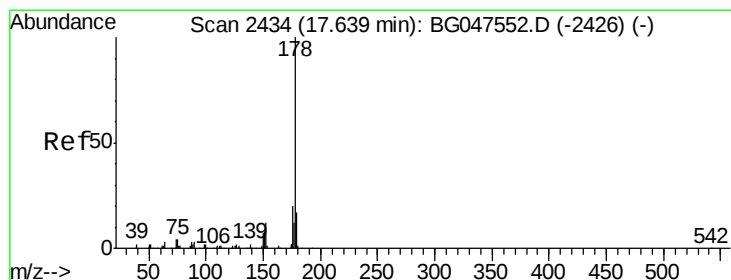
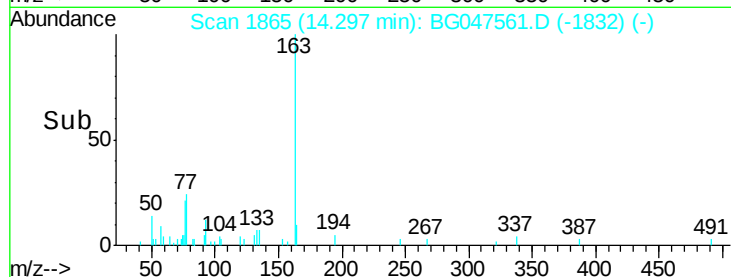
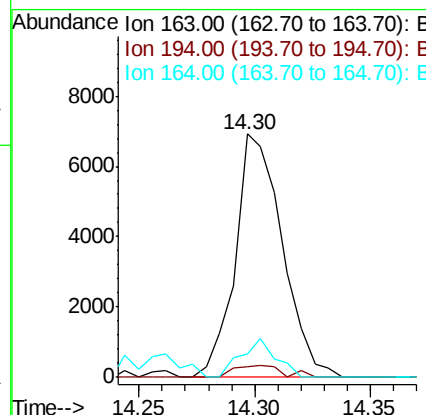
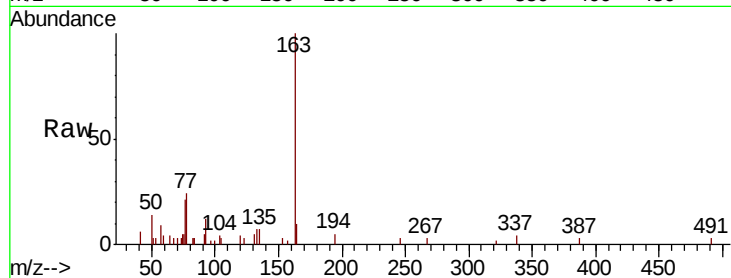
#45
Dimethylphthalate
Concen: 1.126 ng/ul
RT: 14.30 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG047561.D
Acq: 4 Dec 2020 6:53

Instrument :
BNA_G
ClientSampleId :
CB7Z5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	9.6	8.0	12.0

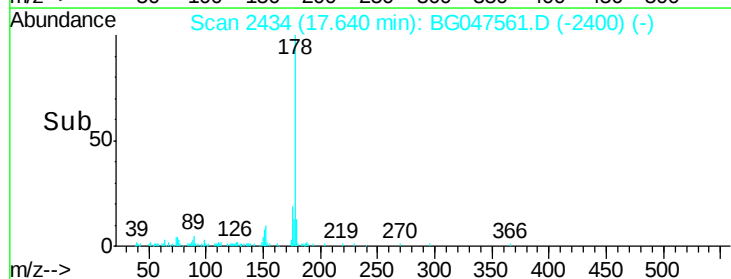
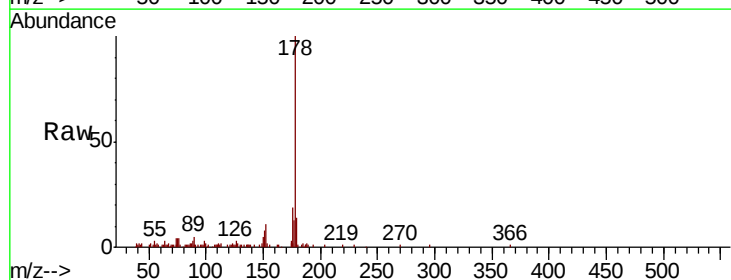
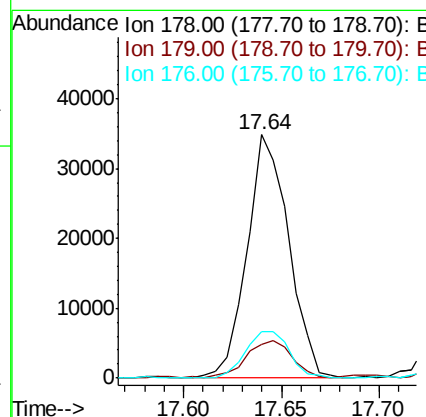
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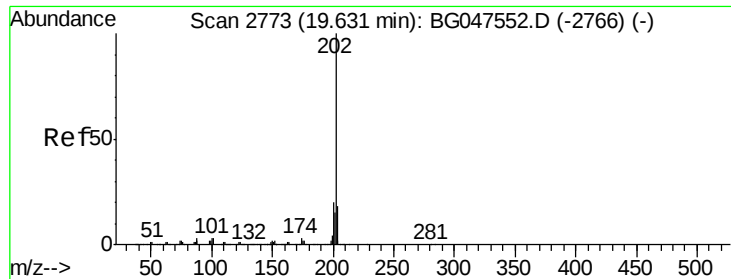
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#70
Phenanthrene
Concen: 4.145 ng/ul
RT: 17.64 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG047561.D
Acq: 4 Dec 2020 6:53

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.7	12.3	18.5
176	19.2	15.0	22.4





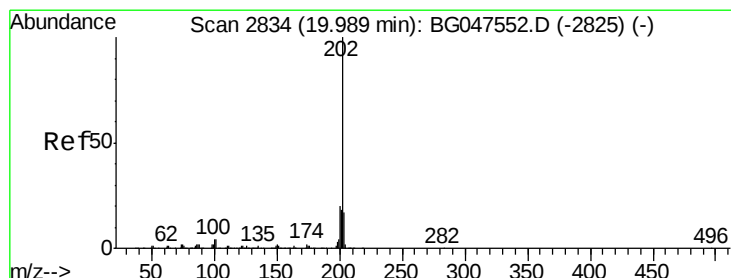
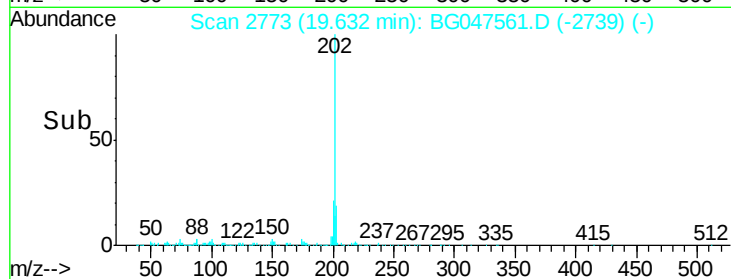
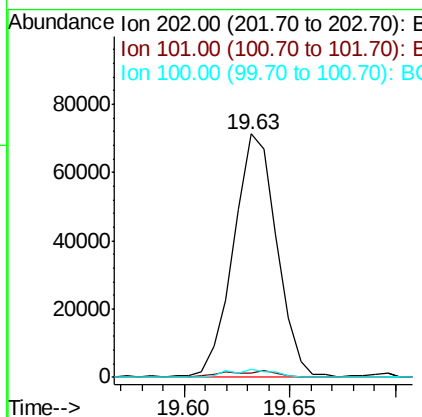
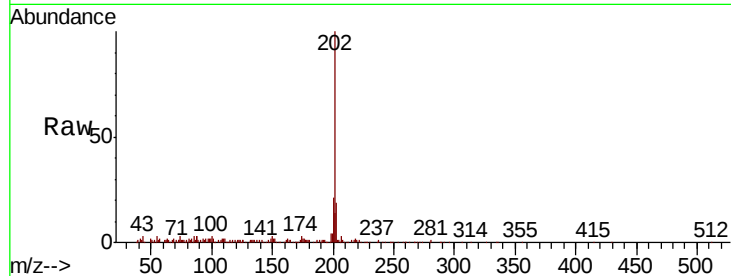
#77
 Fluoranthene
 Concen: 6.421 ng/ul
 RT: 19.63 min Scan# 2773
 Delta R.T. 0.00 min
 Lab File: BG047561.D
 Acq: 4 Dec 2020 6:53

Instrument :
 BNA_G
 ClientSampleID :
 CB7Z5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	1.7	2.8	4.2#
100	3.2	2.6	3.8

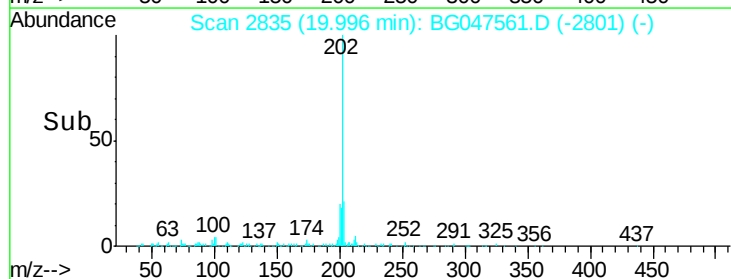
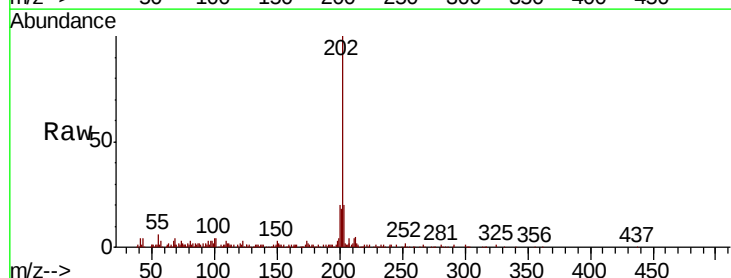
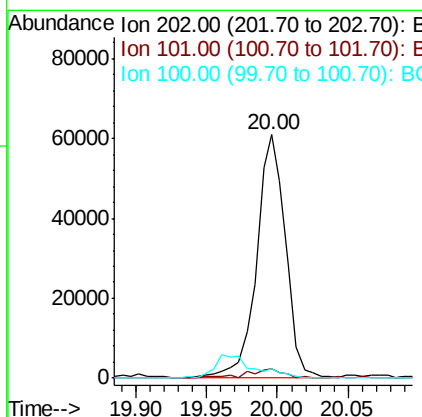
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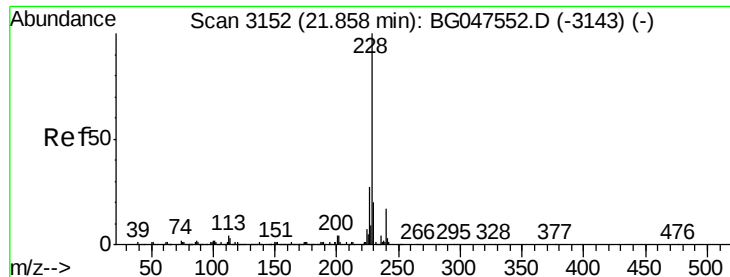
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#80
 Pyrene
 Concen: 6.333 ng/ul
 RT: 20.00 min Scan# 2835
 Delta R.T. 0.00 min
 Lab File: BG047561.D
 Acq: 4 Dec 2020 6:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	3.7	3.8	5.6#
100	4.1	2.2	3.4#





#83

Benzo(a)anthracene

Concen: 3.999 ng/ul

RT: 21.86 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG047561.D

Acq: 4 Dec 2020 6:53

Instrument :

BNA_G

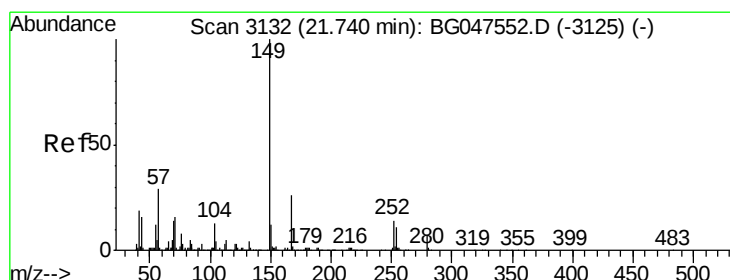
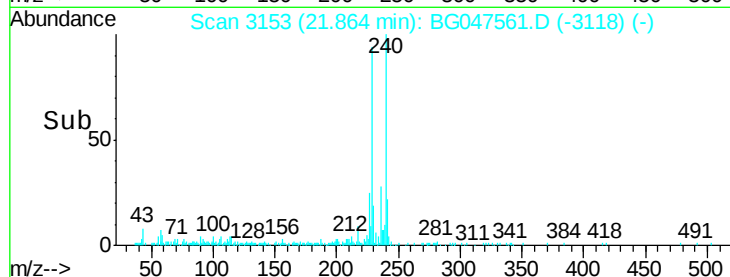
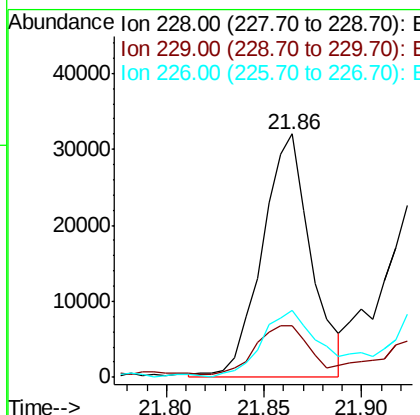
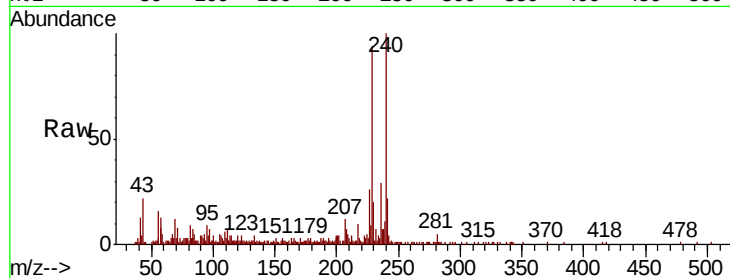
ClientSampleId :

CB7Z5

Tot Ion:228	Resp:	55230
Ion Ratio	Lower	Upper
228 100		
229 21.1	14.7	22.1
226 27.7	21.6	32.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 2.078 ng/ul

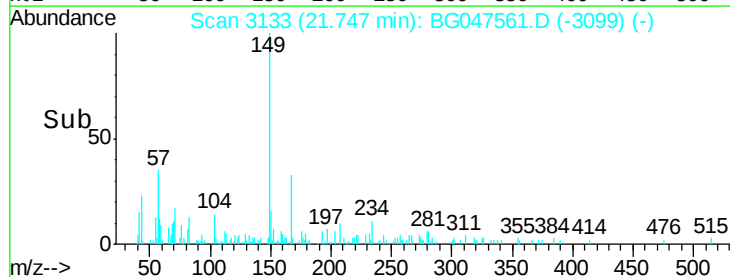
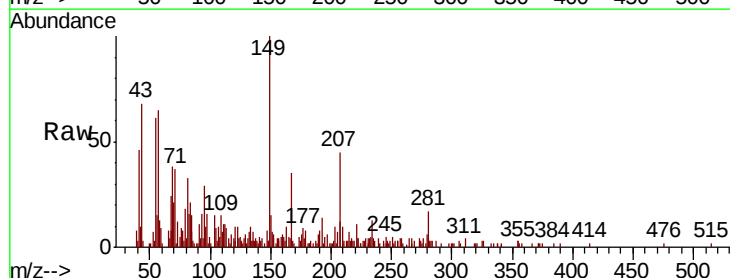
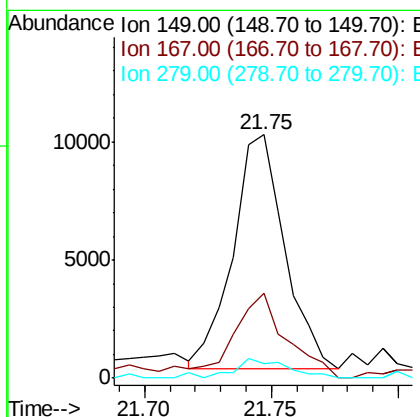
RT: 21.75 min Scan# 3133

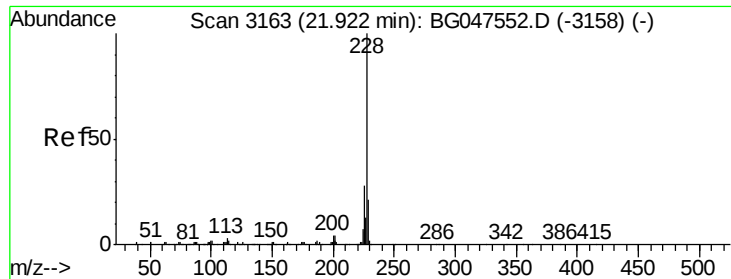
Delta R.T. 0.00 min

Lab File: BG047561.D

Acq: 4 Dec 2020 6:53

Tgt Ion:149	Resp:	13988
Ion Ratio	Lower	Upper
149 100		
167 35.1	20.9	31.3#
279 5.9	5.2	7.8





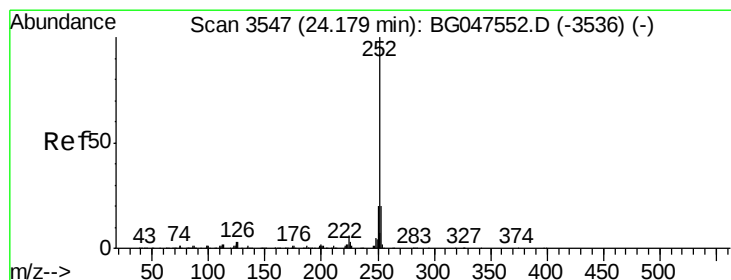
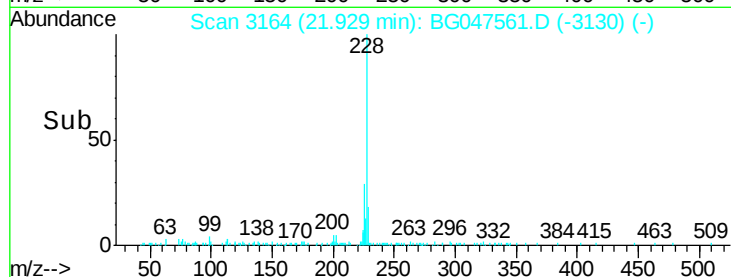
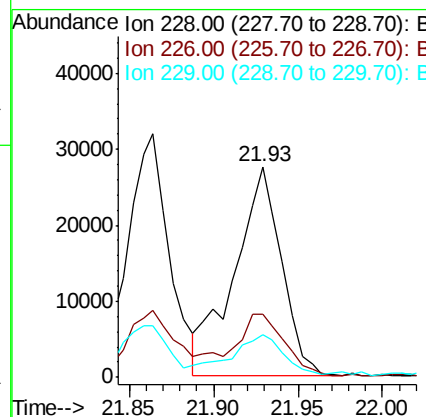
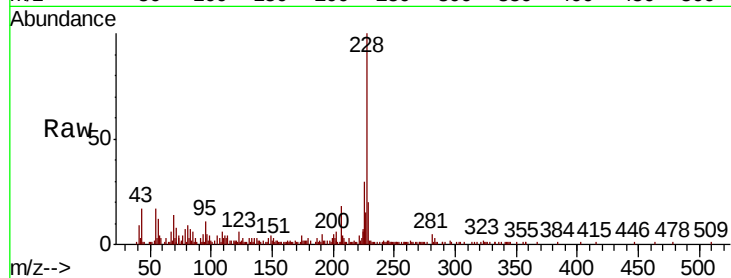
#85
Chrysene
Concen: 4.073 ng/ul m
RT: 21.93 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG047561.D
Acq: 4 Dec 2020 6:53

Instrument :
BNA_G
ClientSampleId :
CB7Z5

Tot Ion:	228	Resp:	53523
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	20.0	15.5	23.3

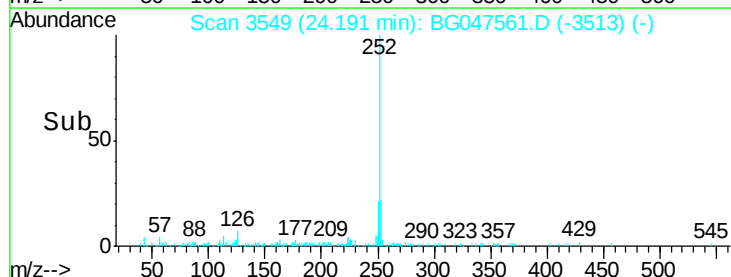
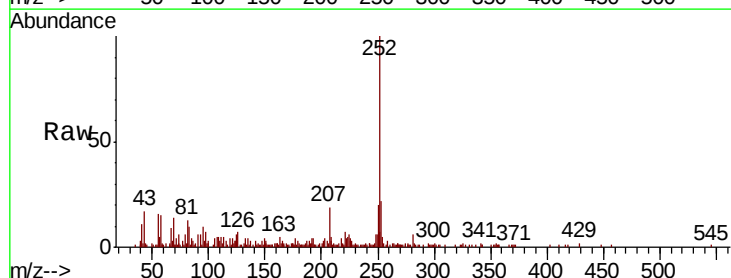
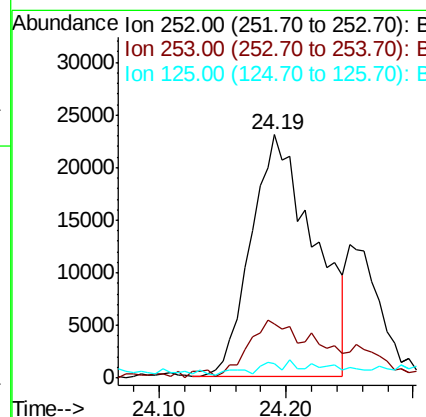
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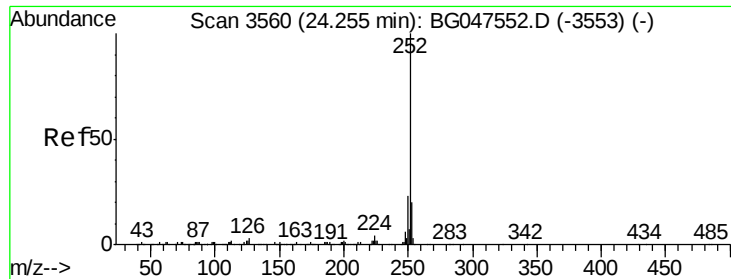
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#88
Benzo(b)fluoranthene
Concen: 5.129 ng/ul
RT: 24.19 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BG047561.D
Acq: 4 Dec 2020 6:53

Tgt Ion:	252	Resp:	79291
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	6.0	2.4	3.6





#89

Benzo(k)fluoranthene

Concen: 1.467 ng/ul

RT: 24.25 min Scan# 3559

Delta R.T. 0.00 min

Lab File: BG047561.D

Acq: 4 Dec 2020 6:53

Instrument :

BNA_G

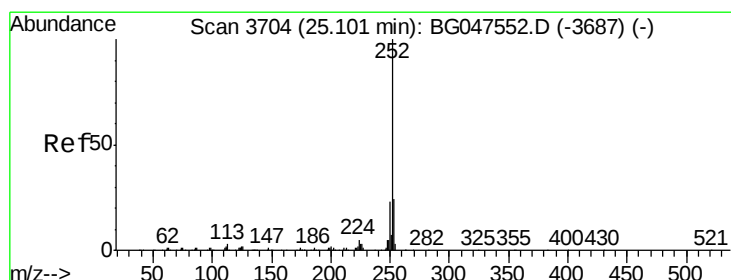
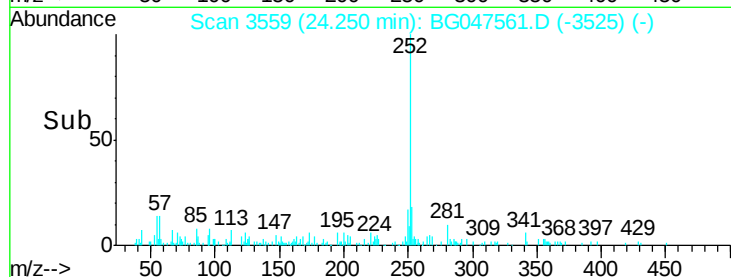
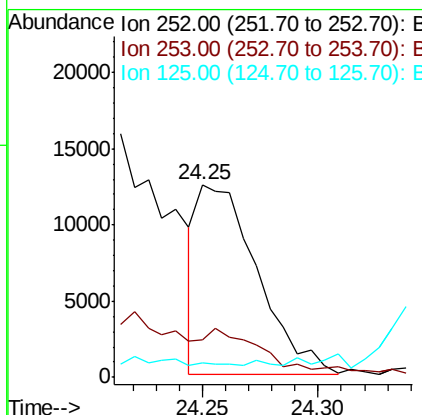
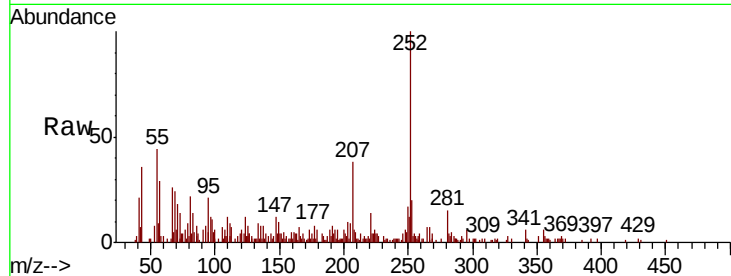
ClientSampleId :

CB7Z5

Tot Ion:	252	Resp:	22353
Ion Ratio	Lower	Upper	
252	100		
253	19.6	19.0	28.4
125	10.5	2.2	3.4#

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#91

Benzo(a)pyrene

Concen: 3.461 ng/ul

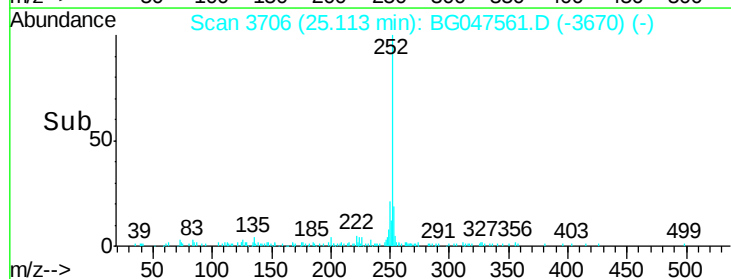
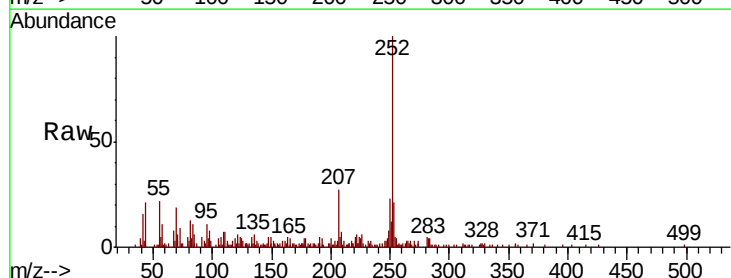
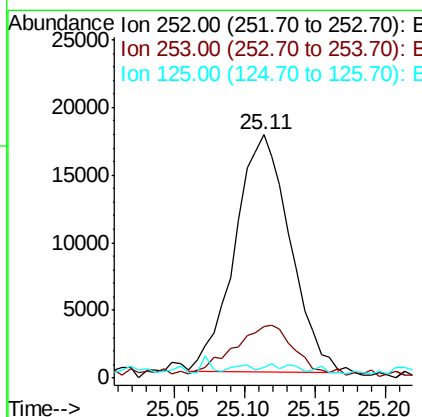
RT: 25.11 min Scan# 3706

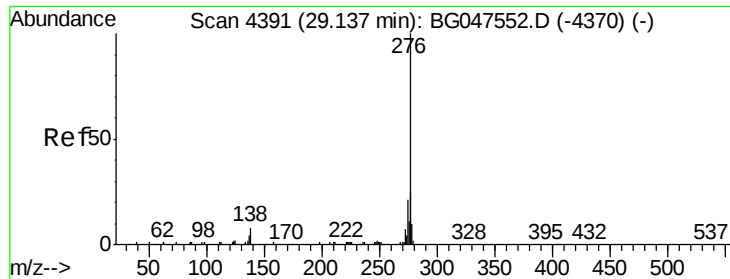
Delta R.T. 0.01 min

Lab File: BG047561.D

Acq: 4 Dec 2020 6:53

Tgt Ion:	252	Resp:	47695
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.3	25.9
125	4.4	2.3	3.5#





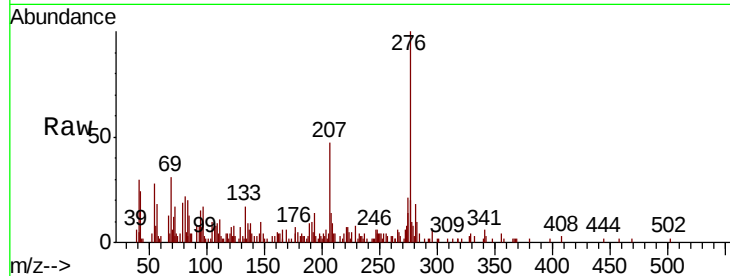
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.150 ng/ul m
RT: 29.16 min Scan# 4395
Delta R.T. 0.02 min
Lab File: BG047561.D
Acq: 4 Dec 2020 6:53

Instrument :
BNA_G
ClientSampleId :
CB7Z5

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.2	3.7	5.5#
277	20.4	18.2	27.4

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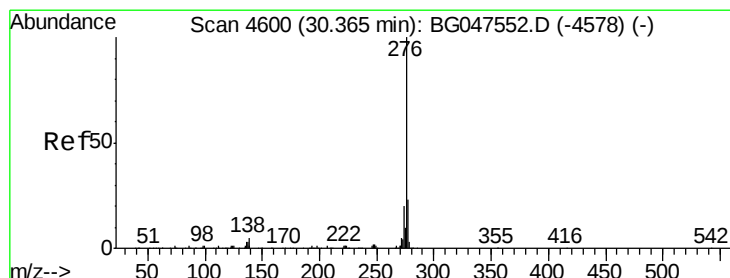
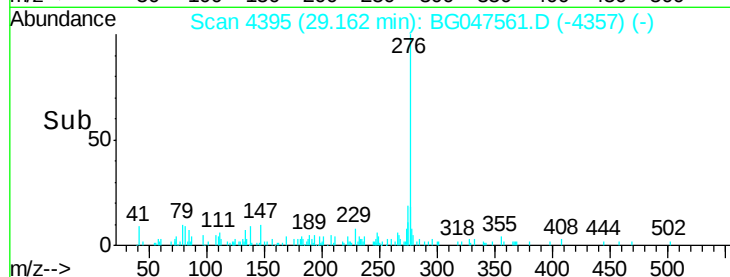
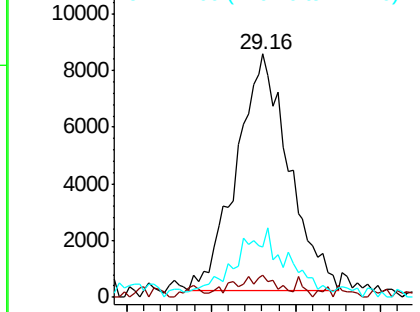


Abundance

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



#94
Benzo(g,h,i)perylene
Concen: 2.932 ng/ul m
RT: 30.37 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BG047561.D
Acq: 4 Dec 2020 6:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.0	3.6	5.4#
277	16.0	17.5	26.3#

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

