

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047587.D
 Acq On : 5 Dec 2020 2:23
 Operator : CG/JU
 Sample : L4855-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB801

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:00:21 PM

Quant Time: Dec 05 03:19:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 02:47:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	26200	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	105958	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	80800	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	184185	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	169316	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	182309	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	3543	4.92	ng/uL	-0.03
5) Phenol-d5	7.38	99	83048	31.61	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	43108	28.77	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.78	132	62822	35.65	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	64478	31.93	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	29341	33.52	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	38877	40.71	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	78348	35.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	66796	30.21	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	229455	33.08	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	274510	34.24	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	33662	31.81	ng/ul	0.00
58) Fluorene-d10	15.85	176	208578	32.83	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	46931	44.77	ng/ul	-0.02
71) Anthracene-d10	17.70	188	318937	34.91	ng/ul	-0.02
79) Pyrene-d10	19.97	212	347182	35.24	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.04	264	360612	34.37	ng/ul	-0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	7.38	77	2270	1.463	ng/ul	97
6) Phenol	7.42	94	3052	1.212	ng/ul	91
28) Naphthalene	11.13	128	9325	1.554	ng/ul#	92
45) Dimethylphthalate	14.30	163	9232	1.305	ng/ul#	96
70) Phenanthrene	17.64	178	47038	4.729	ng/ul	97
77) Fluoranthene	19.63	202	97535	7.765	ng/ul#	96
80) Pyrene	20.00	202	83230	6.940	ng/ul#	89
83) Benzo(a)anthracene	21.86	228	52215	4.334	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.74	149	13920	2.371	ng/ul#	90
85) Chrysene	21.93	228	50369m	4.394	ng/ul	
88) Benzo(b)fluoranthene	24.19	252	69606	5.408	ng/ul	99
89) Benzo(k)fluoranthene	24.25	252	27936m	2.202	ng/ul	
91) Benzo(a)pyrene	25.11	252	47126	4.107	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.16	276	33634m	2.410	ng/ul	
94) Benzo(g,h,i)perylene	30.37	276	36362m	3.157	ng/ul	

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

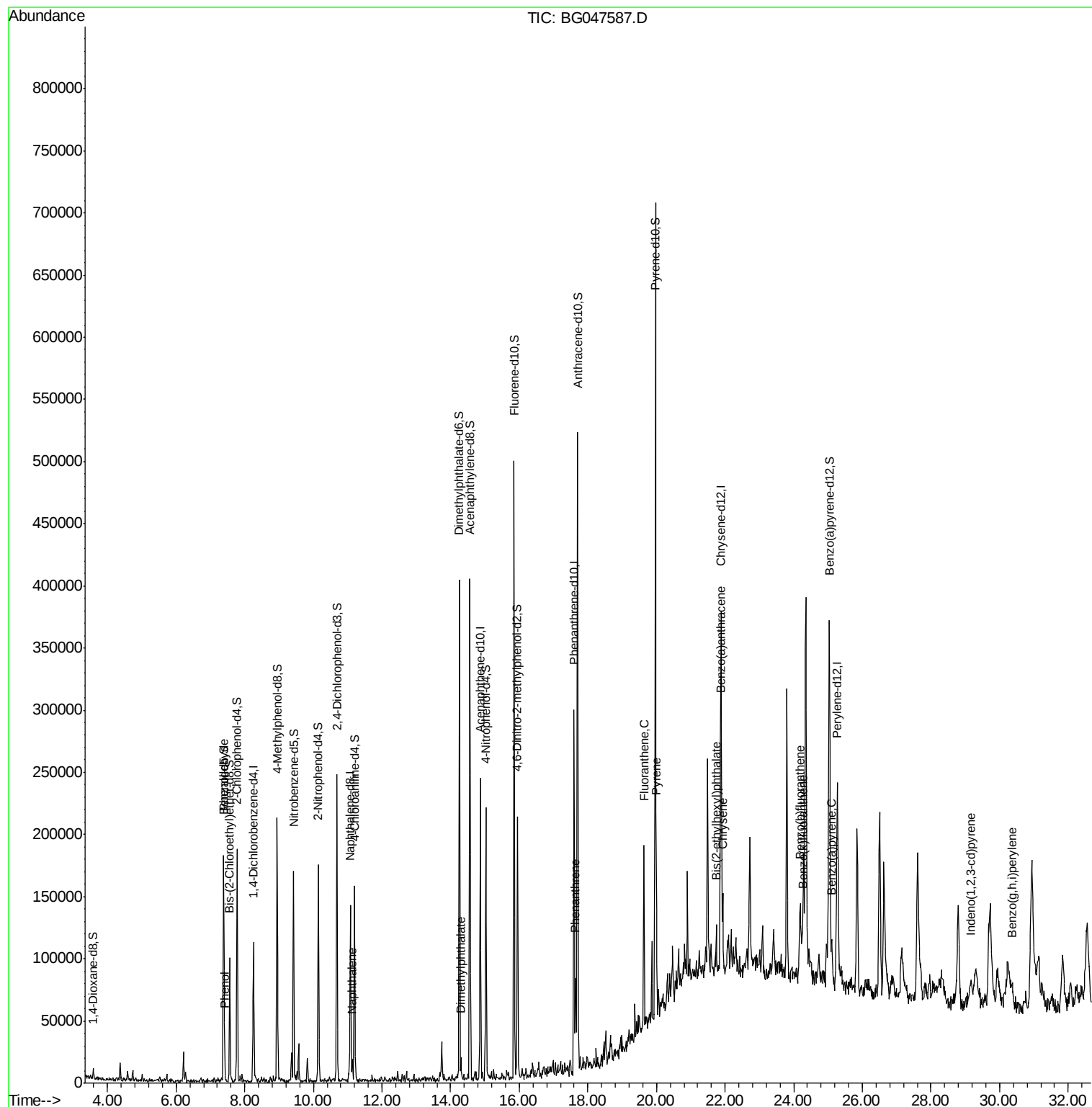
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Data File : BG047587.D
Acq On : 5 Dec 2020 2:23
Operator : CG/JU
Sample : L4855-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

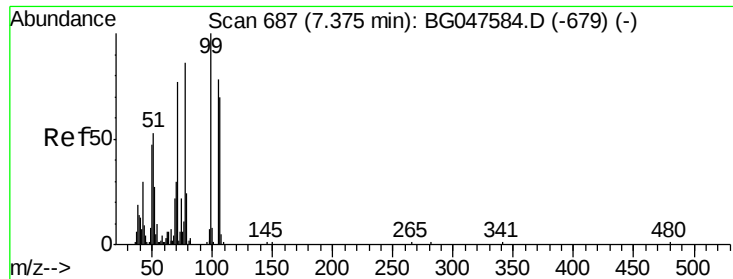
Instrument :
BNA_G
ClientSampleId :
CB801

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Quant Time: Dec 05 03:19:54 2020
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Quant Title : SVOA CALIBRATION
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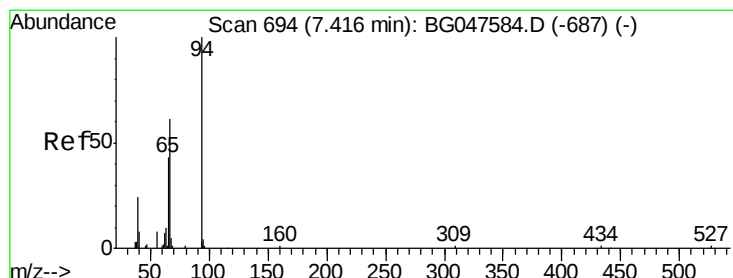
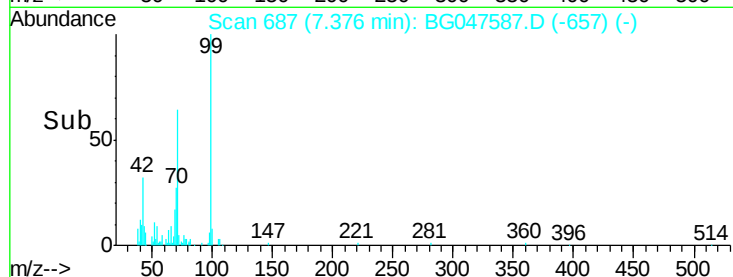
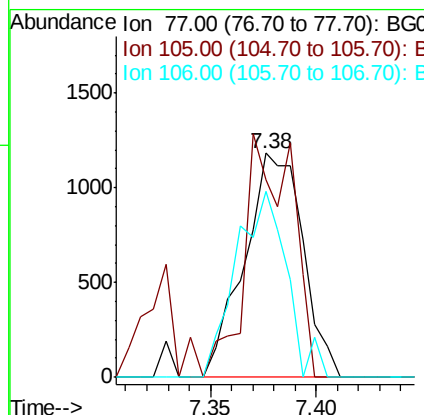
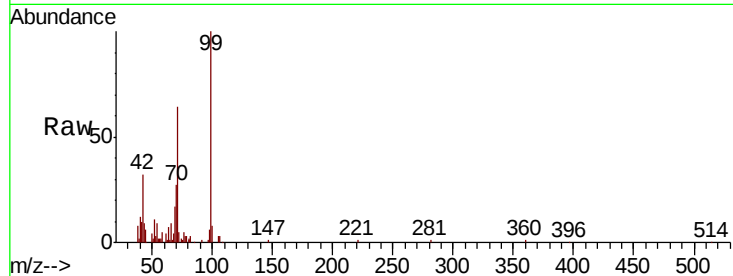
#4
Benzaldehyde
Concen: 1.463 ng/ul
RT: 7.38 min Scan# 687
Delta R.T. -0.02 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Instrument :
BNA_G
ClientSampleId :
CB801

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.0	67.8	101.8
106	82.9	68.5	102.7

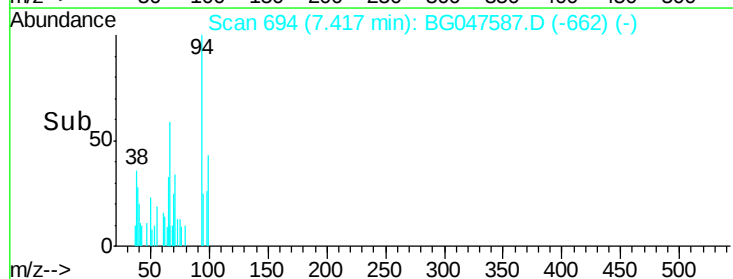
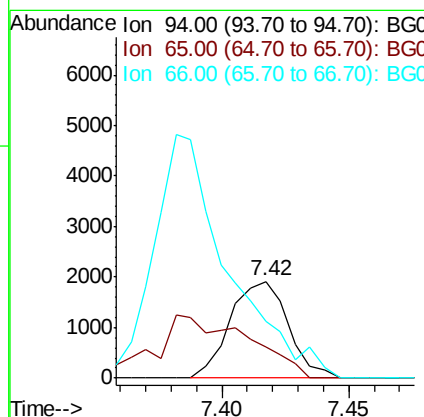
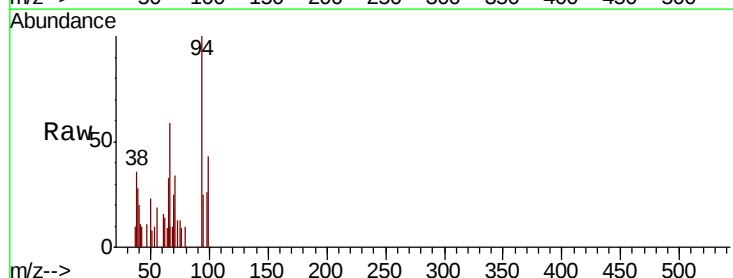
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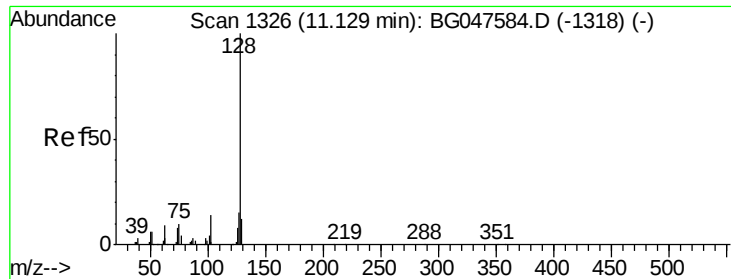
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#6
Phenol
Concen: 1.212 ng/ul
RT: 7.42 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	31.2	46.8
66	58.9	52.2	78.2





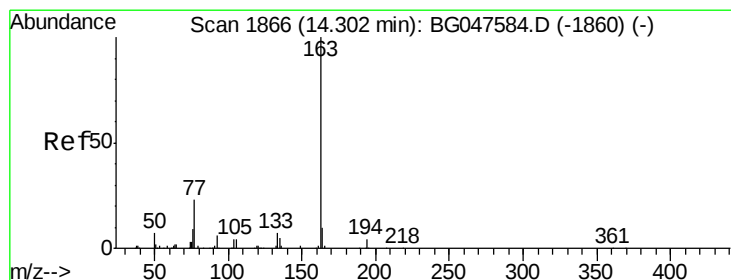
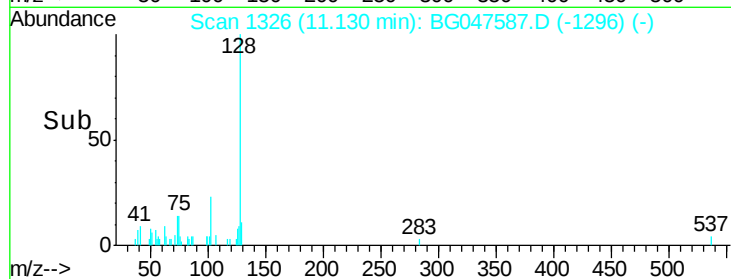
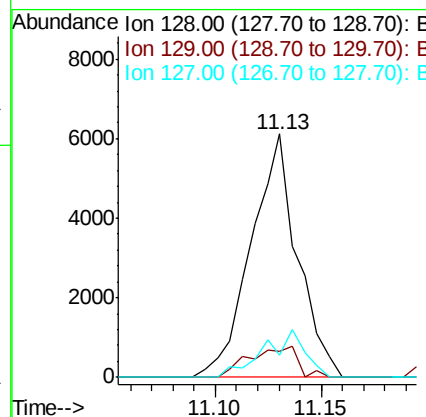
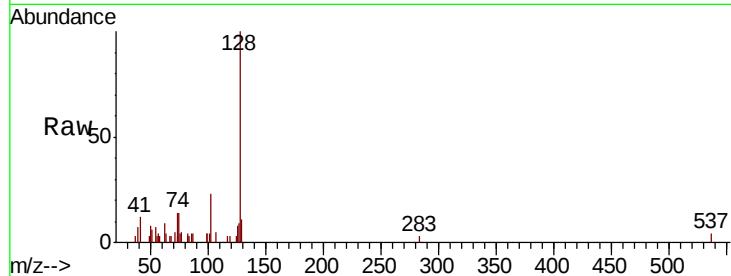
#28
Naphthalene
Concen: 1.554 ng/ul
RT: 11.13 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Instrument :
BNA_G
ClientSampleId :
CB801

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	8.9	11.5	17.3#

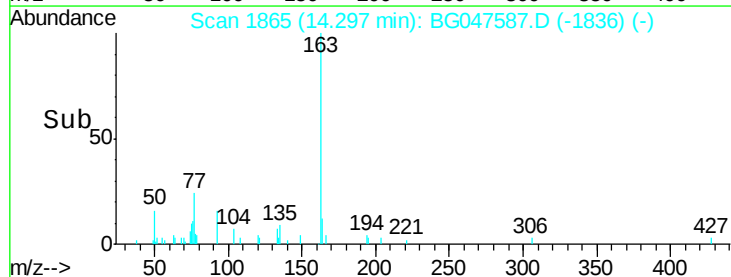
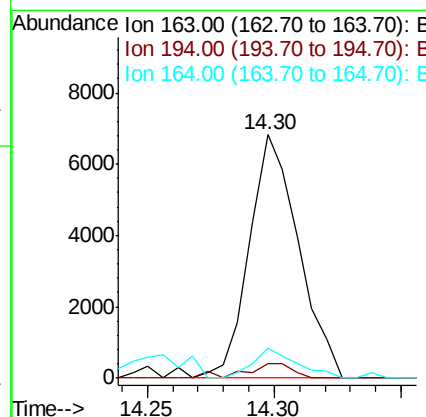
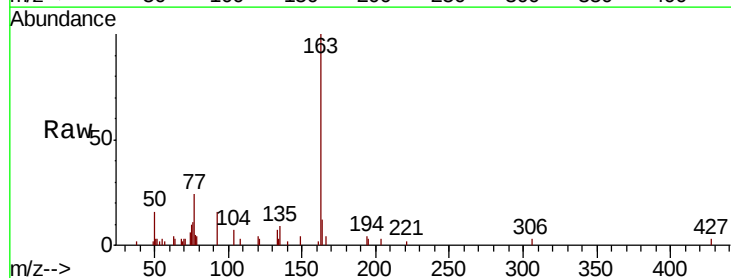
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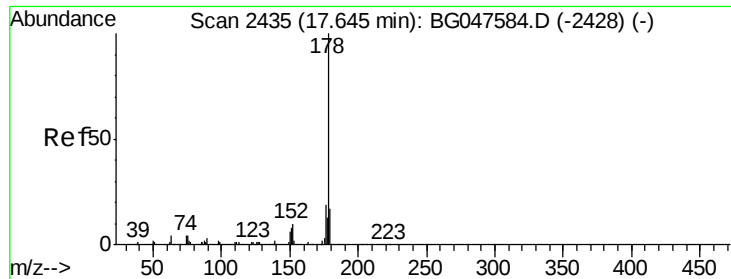
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#45
Dimethylphthalate
Concen: 1.305 ng/ul
RT: 14.30 min Scan# 1865
Delta R.T. -0.03 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.4	5.2#
164	12.2	8.8	13.2





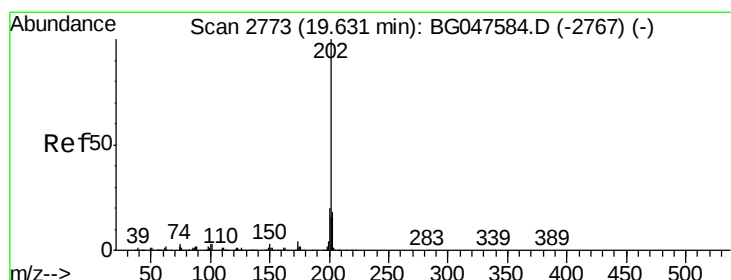
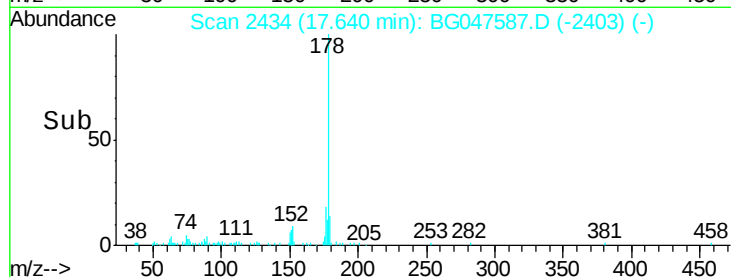
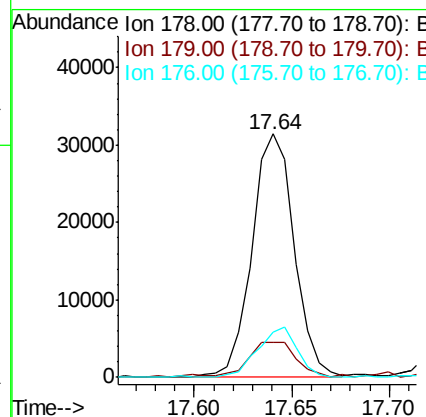
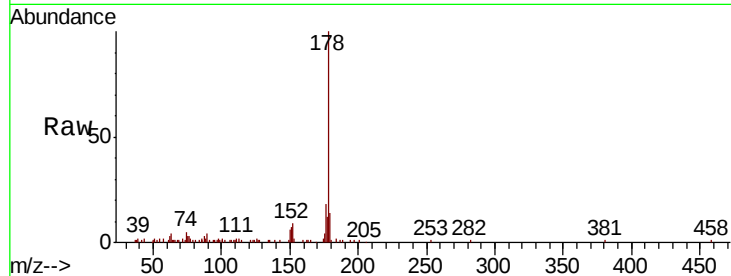
#70
Phenanthrene
Concen: 4.729 ng/ul
RT: 17.64 min Scan# 2434
Delta R.T. -0.02 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Instrument :
BNA_G
ClientSampleId :
CB801

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.8	19.2
176	18.4	15.7	23.5

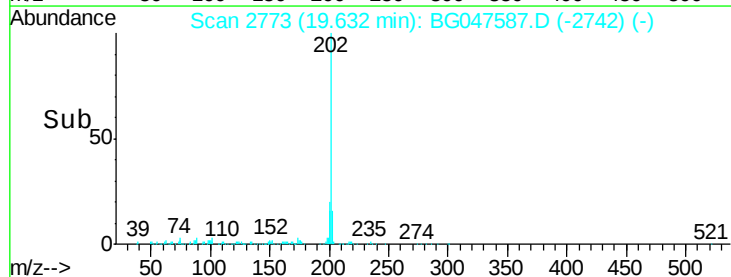
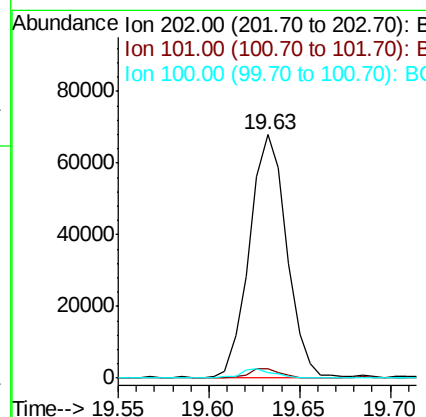
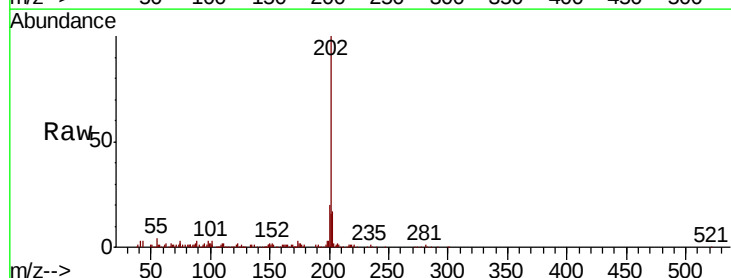
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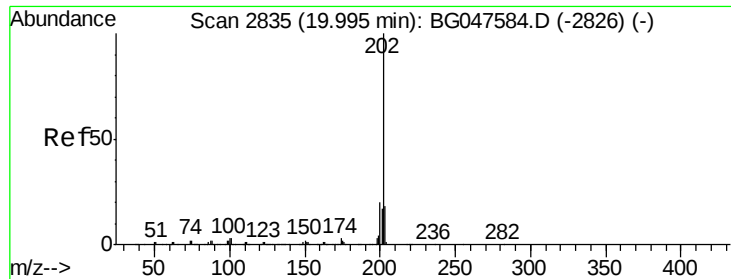
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#77
Fluoranthene
Concen: 7.765 ng/ul
RT: 19.63 min Scan# 2773
Delta R.T. -0.02 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.7	3.3	4.9
100	2.3	3.4	5.0#





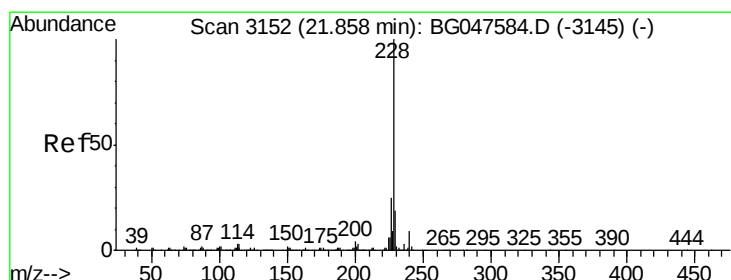
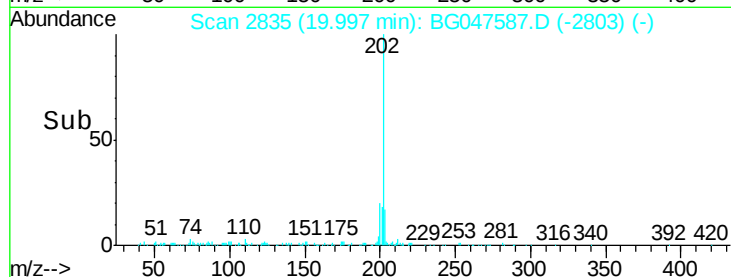
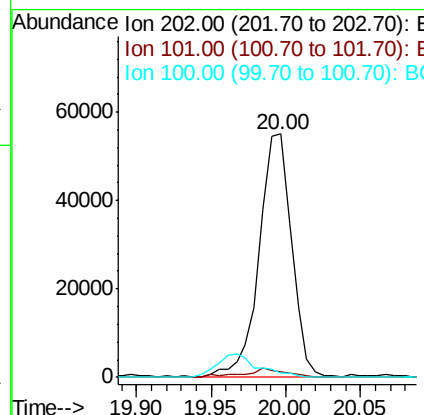
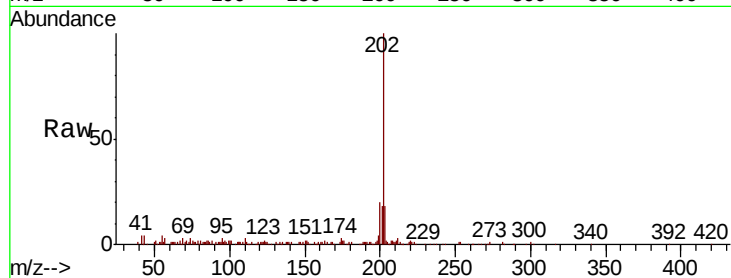
#80
Pvrene
Concen: 6.940 ng/ul
RT: 20.00 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Instrument :
BNA_G
ClientSampleId :
CB801

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	2.3	5.0	7.4#
100	2.0	4.6	7.0#

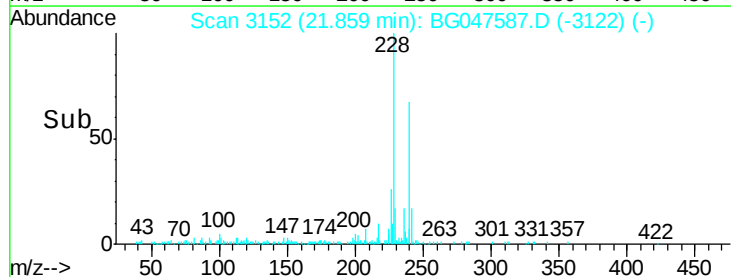
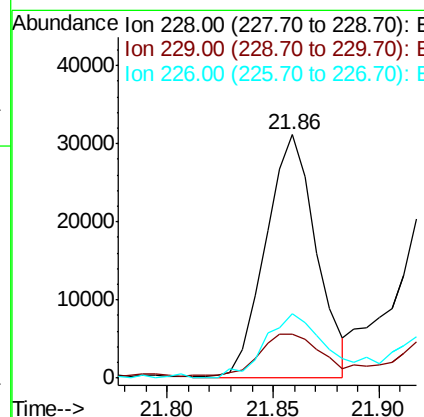
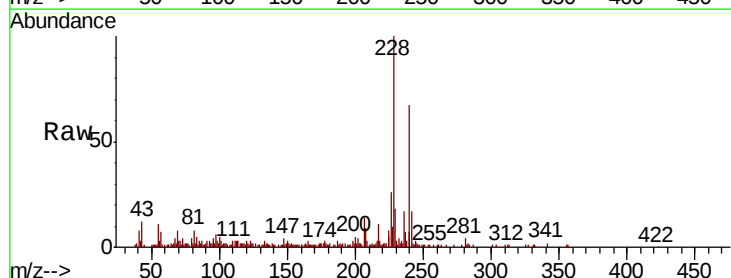
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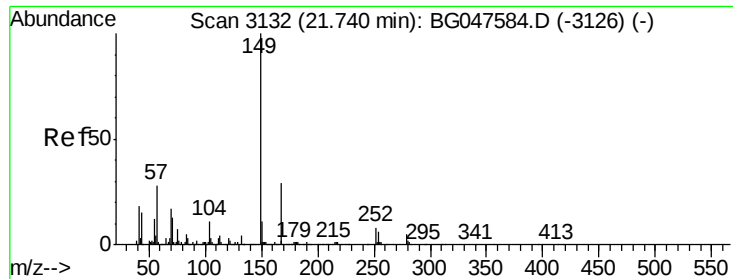
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#83
Benzo(a)anthracene
Concen: 4.334 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.2	16.2	24.2
226	26.4	23.3	34.9





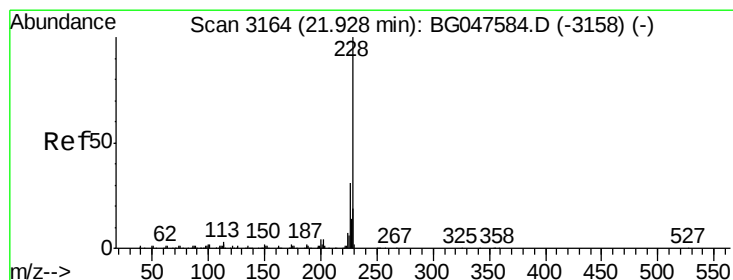
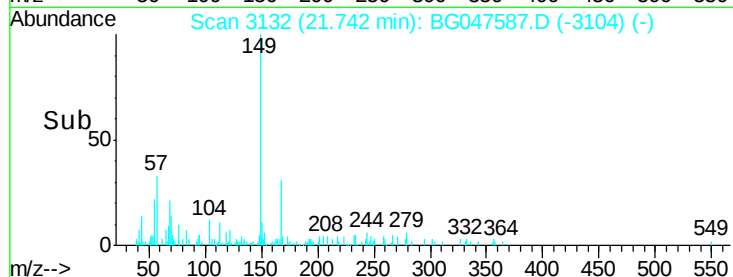
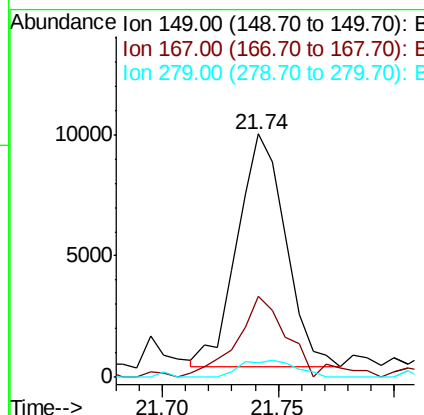
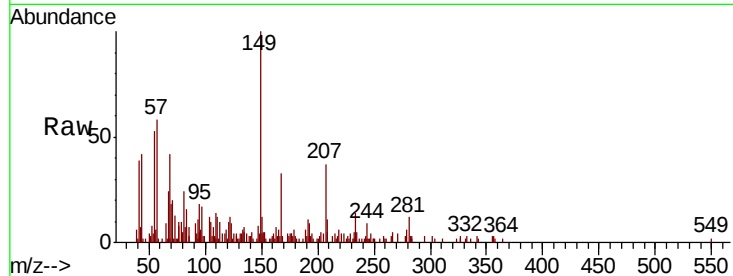
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.371 ng/ul
 RT: 21.74 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG047587.D
 Acq: 5 Dec 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 CB801

Tot Ion	Ratio	Lower	Upper
149	100		
167	33.4	21.8	32.8#
279	5.8	4.2	6.2

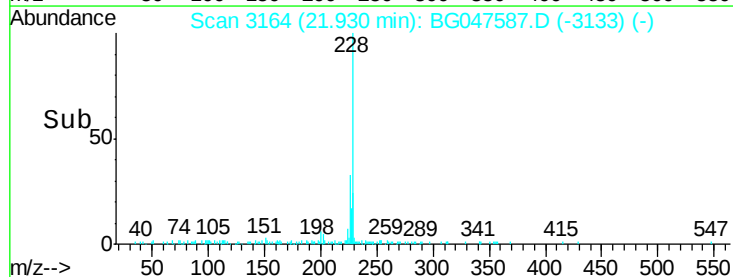
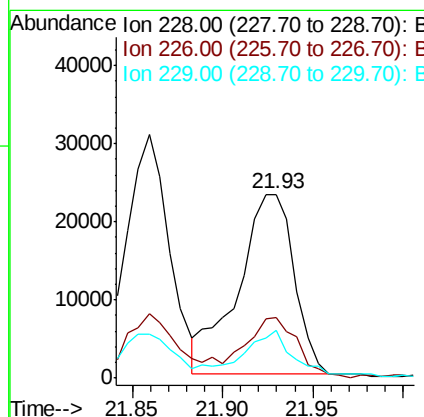
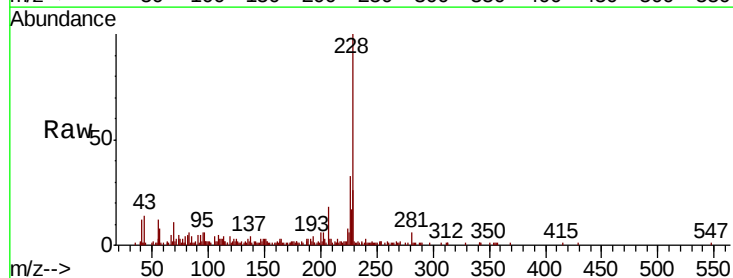
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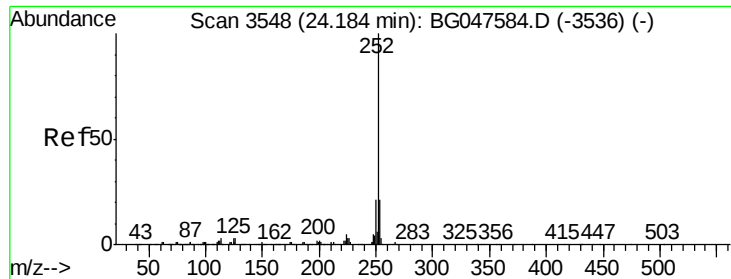
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#85
 Chrysene
 Concen: 4.394 ng/ul m
 RT: 21.93 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG047587.D
 Acq: 5 Dec 2020 2:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.8	35.6
229	26.0	16.3	24.5#





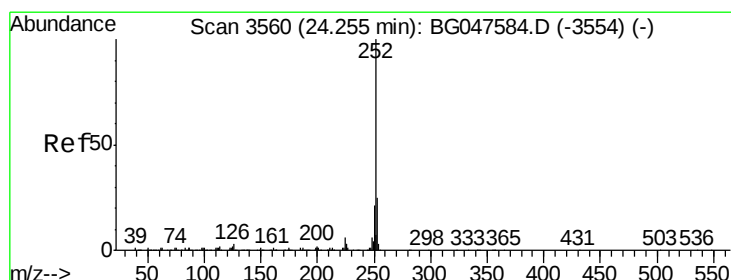
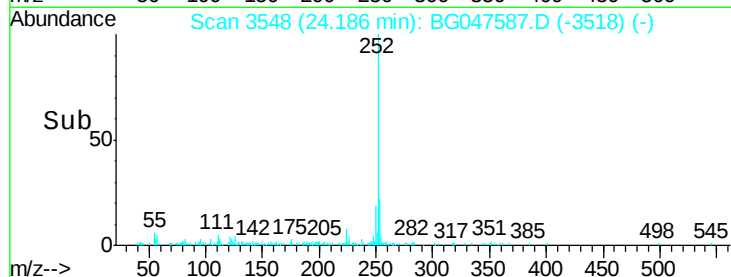
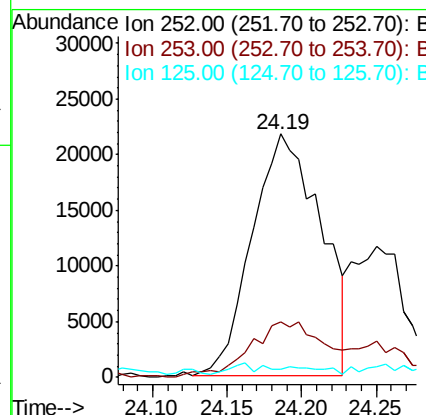
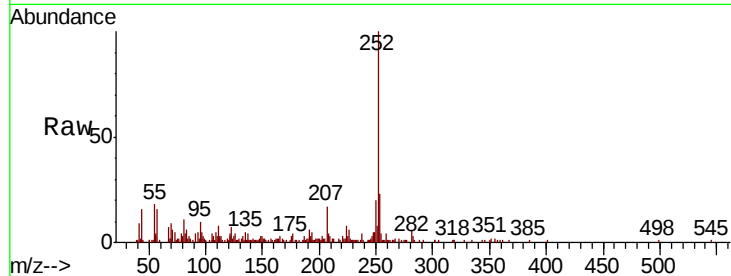
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Benzo(b)fluoranthene
Concen: 5.408 ng/ul
RT: 24.19 min Scan# 3548
Delta R.T. -0.02 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Instrument :
BNA_G
ClientSampled :
CB801

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	3.3	2.5	3.7

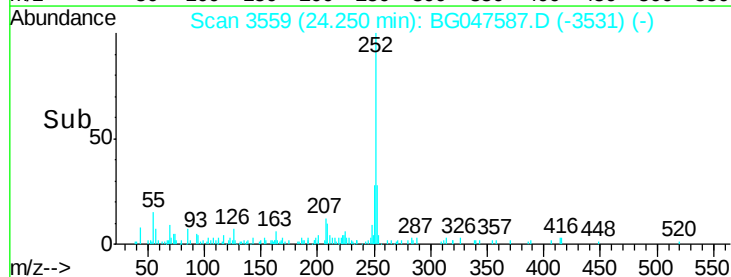
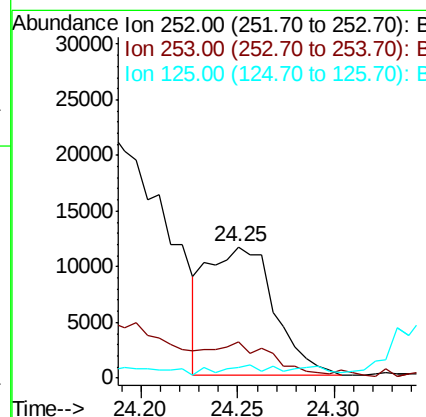
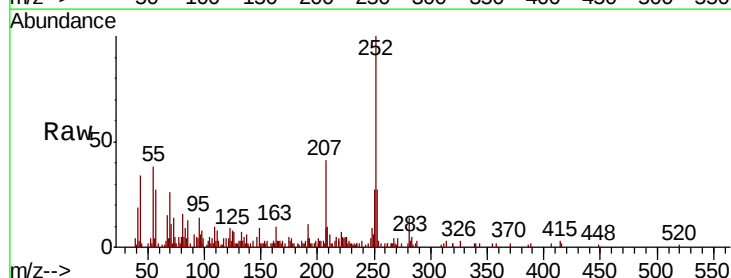
Manual Integrations
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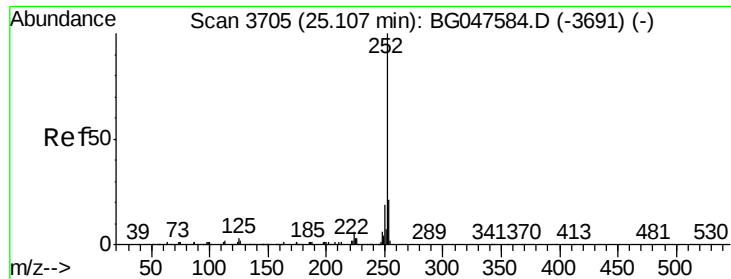
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.202 ng/ul m
RT: 24.25 min Scan# 3559
Delta R.T. -0.03 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	16.7	25.1#
125	7.8	2.6	3.8#





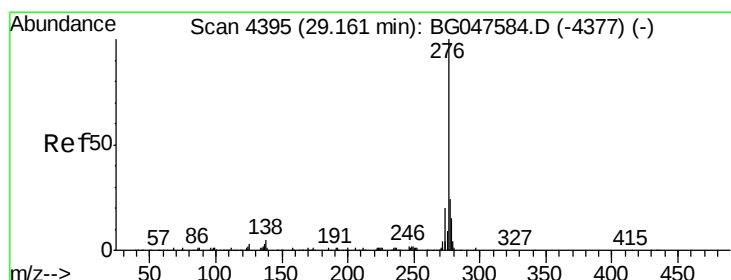
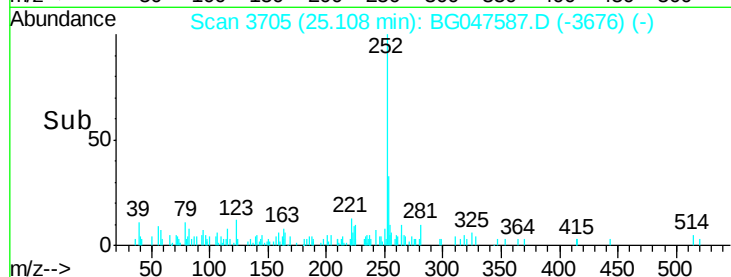
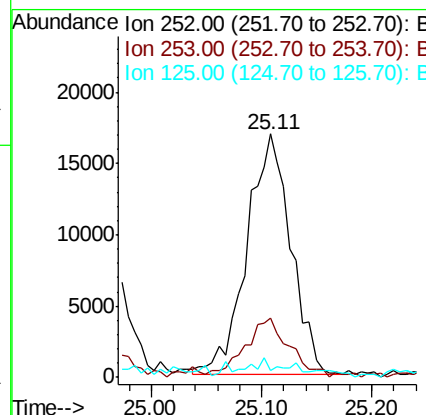
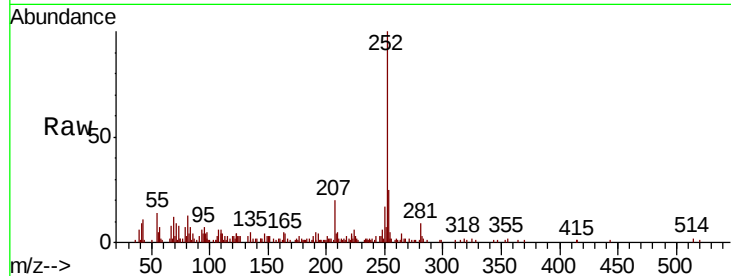
#91
Benzo(a)pyrene
Concen: 4.107 ng/ul
RT: 25.11 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Instrument :
BNA_G
ClientSampleId :
CB801

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	3.0	3.1	4.7

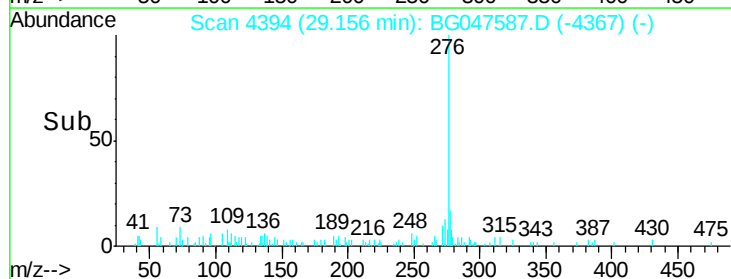
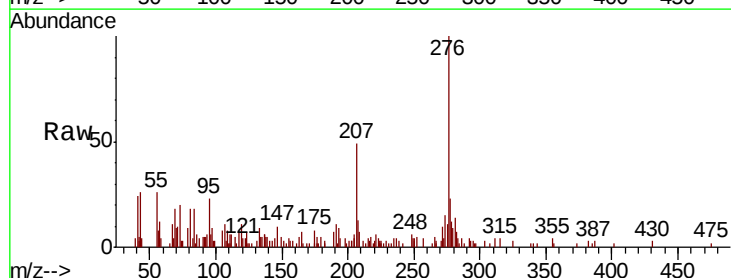
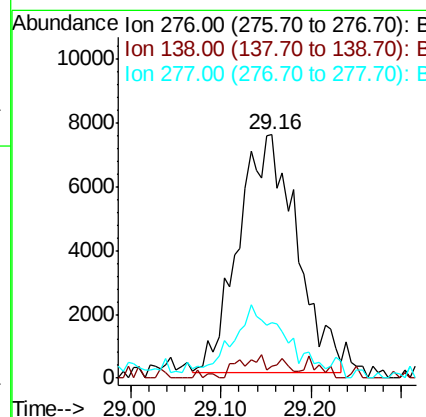
Manual Integrations
APPROVED

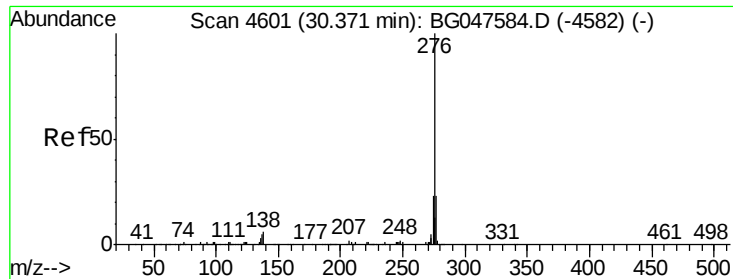
mohammad
12/7/2020 2:00:21 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.410 ng/ul m
RT: 29.16 min Scan# 4394
Delta R.T. -0.04 min
Lab File: BG047587.D
Acq: 5 Dec 2020 2:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.1	7.5	11.3
277	23.0	19.9	29.9





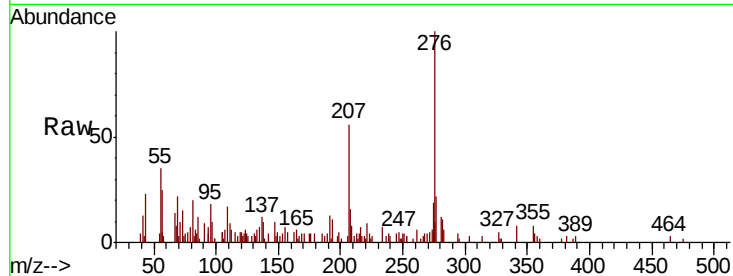
#94
 Benzo(a,h,i)perylene
 Concen: 3.157 ng/ul m
 RT: 30.37 min Scan# 4601
 Delta R.T. -0.05 min
 Lab File: BG047587.D
 Acq: 5 Dec 2020 2:23

Instrument :
 BNA_G
 ClientSampleId :
 CB801

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	9.6	8.2	12.2
277	22.1	17.5	26.3

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:00:21 PM



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

