

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046930.D
 Acq On : 16 Oct 2020 14:44
 Operator : CG/JU
 Sample : L4201-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AK3

Manual Integrations
 APPROVED

mohammad
 10/19/2020 1:23:12 PM

Quant Time: Oct 16 15:24:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 02:00:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	58379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	231892	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	163716	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	341227	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	313232	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	319719	20.00	ng/ul	0.00

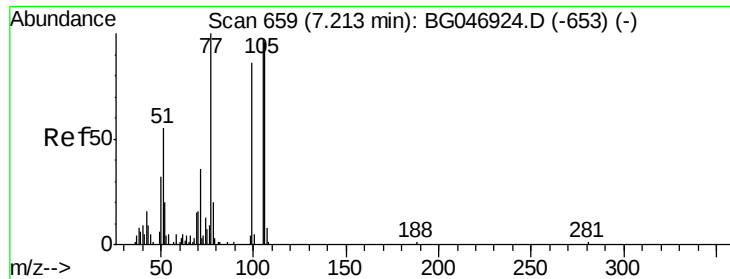
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	3671	2.79	ng/uL	0.01
5) Phenol-d5	7.23	99	86435	16.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	55908	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	66621	17.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	66810	16.24	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	36132	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	38913	17.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	80008	18.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	59781	11.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	269654	19.83	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	306314	19.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	27387	11.68	ng/ul	0.00
58) Fluorene-d10	15.70	176	239297	19.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	11276	4.80	ng/ul	0.00
71) Anthracene-d10	17.55	188	344079	20.82	ng/ul	0.00
79) Pyrene-d10	19.84	212	361933	21.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	350333	19.45	ng/ul	0.00

Target Compounds

				Ovalue	
4) Benzaldehyde	7.21	77	3485m	1.163	ng/ul
6) Phenol	7.26	94	6165	1.143	ng/ul# 94
14) Acetophenone	8.90	105	6894	1.045	ng/ul# 90
45) Dimethylphthalate	14.15	163	61460	4.359	ng/ul 97
59) Fluorene	15.75	166	16608	1.239	ng/ul# 79
70) Phenanthrene	17.50	178	210320	10.772	ng/ul 99
72) Anthracene	17.59	178	60391	3.062	ng/ul 98
77) Fluoranthene	19.50	202	274200	11.500	ng/ul 100
80) Pyrene	19.86	202	205391	9.689	ng/ul 97
83) Benzo(a)anthracene	21.70	228	130424	6.033	ng/ul 97
85) Chrysene	21.77	228	108002m	5.178	ng/ul
88) Benzo(b)fluoranthene	23.94	252	111848	5.043	ng/ul 93
89) Benzo(k)fluoranthene	24.00	252	43596	2.038	ng/ul# 85
91) Benzo(a)pyrene	24.82	252	84190	4.223	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	28.68	276	50642	2.073	ng/ul# 93
94) Benzo(g,h,i)perylene	29.84	276	34347	1.675	ng/ul# 90

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



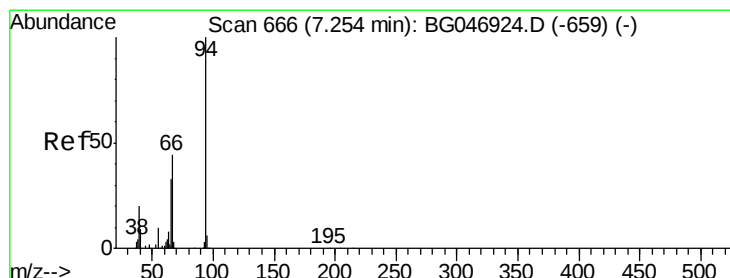
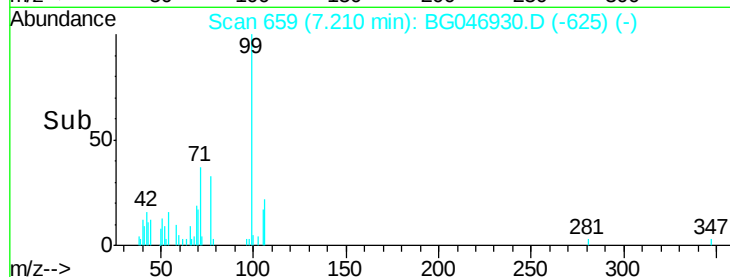
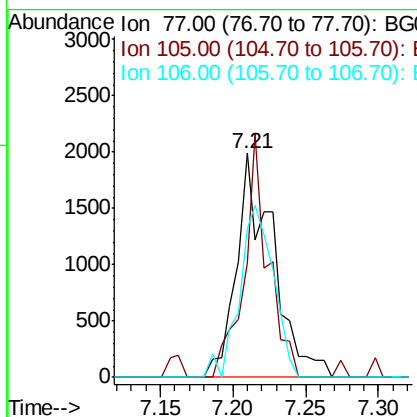
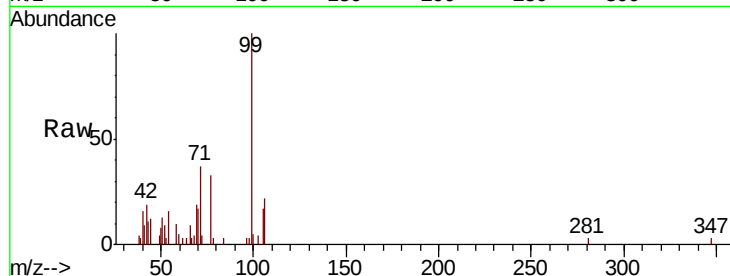
#4
Benzaldehyde
Concen: 1.163 ng/ul m
RT: 7.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Instrument :
BNA_G
ClientSampleId :
C0AK3

Tot Ion	Ratio	Lower	Upper
77	100		
105	50.9	80.0	120.0#
106	66.2	65.8	98.6

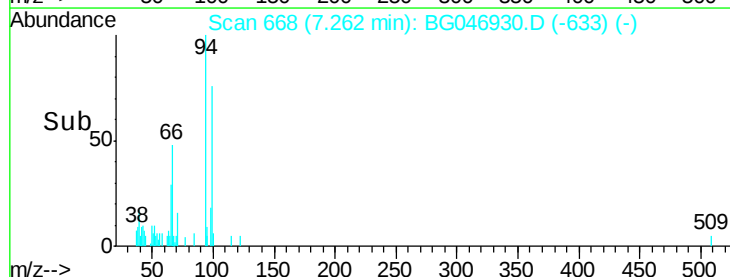
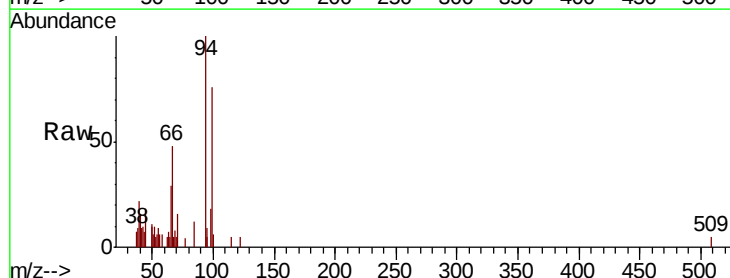
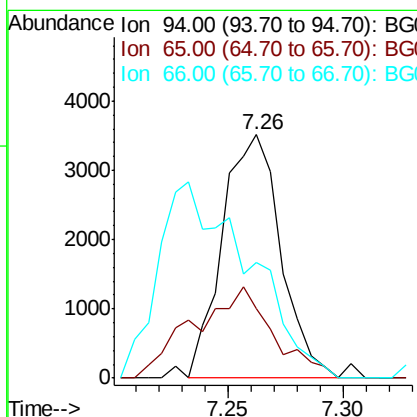
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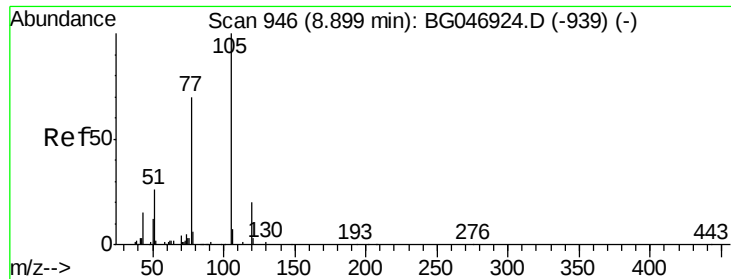
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#6
Phenol
Concen: 1.143 ng/ul
RT: 7.26 min Scan# 668
Delta R.T. 0.01 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.2	27.8	41.6#
66	45.2	35.9	53.9





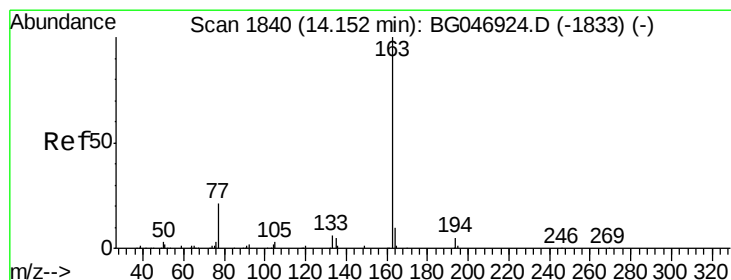
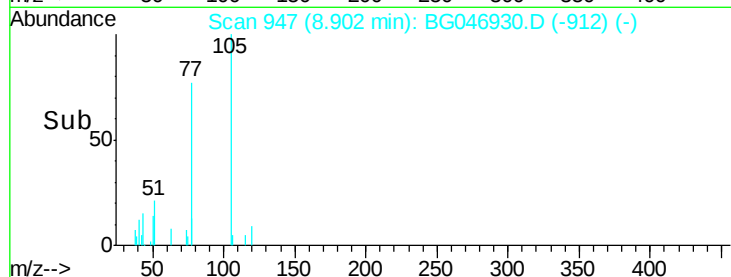
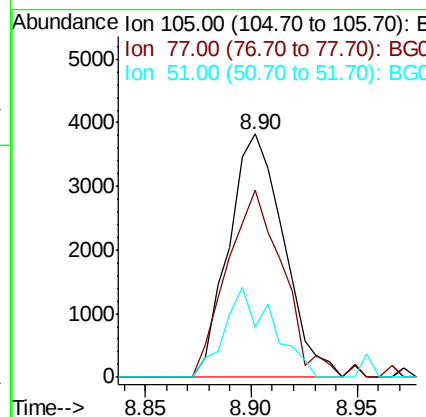
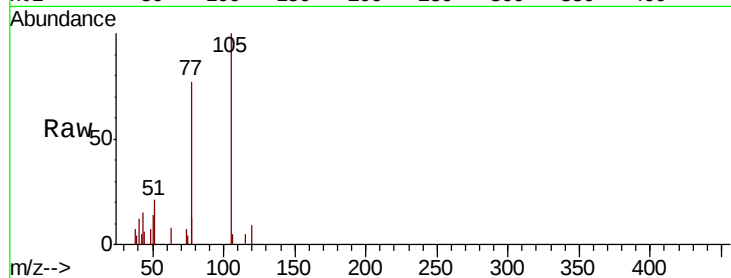
#14
Acetophenone
Concen: 1.045 ng/ul
RT: 8.90 min Scan# 947
Delta R.T. 0.01 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Instrument :
BNA_G
ClientSampleId :
C0AK3

Tot Ion:	105	Resp:	6894
Ion Ratio	Lower	Upper	
105	100		
77	76.8	64.7	97.1
51	20.8	26.5	39.7#

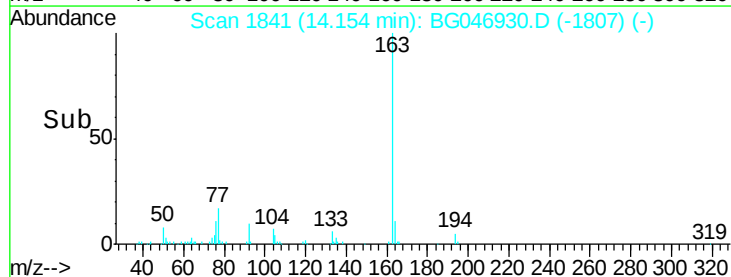
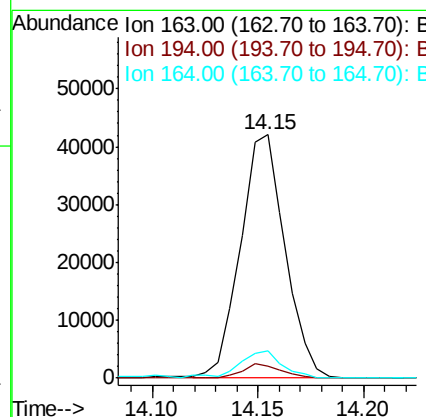
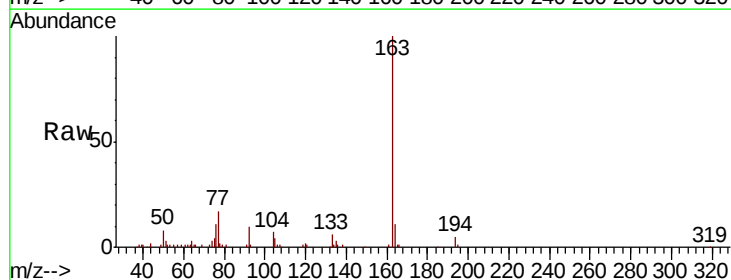
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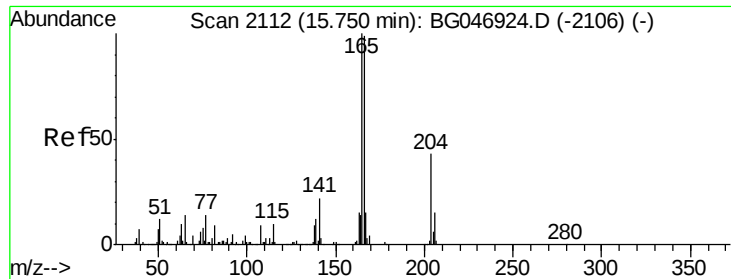
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#45
Dimethylphthalate
Concen: 4.359 ng/ul
RT: 14.15 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Tgt Ion:	163	Resp:	61460
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	11.2	7.8	11.8





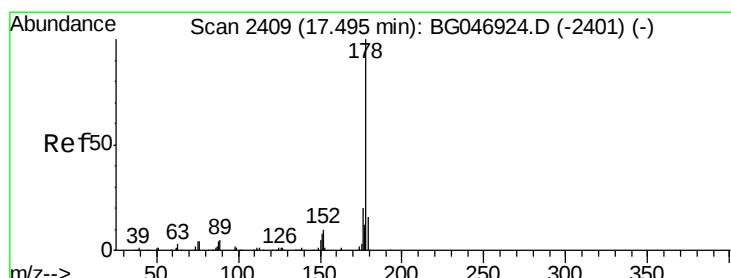
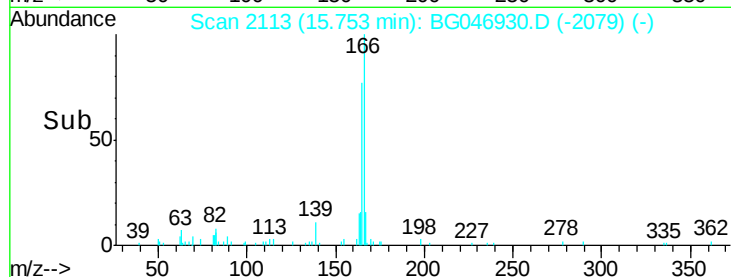
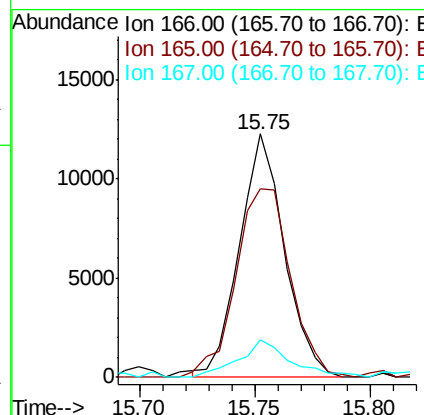
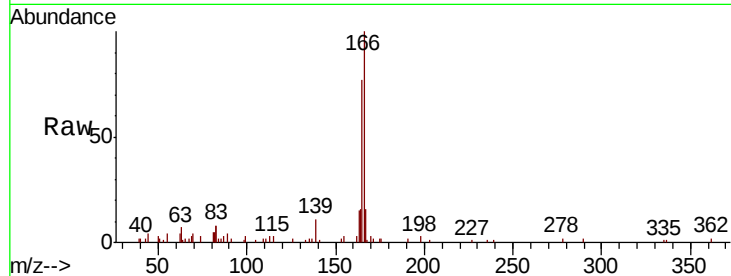
#59
Fluorene
Concen: 1.239 ng/ul
RT: 15.75 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Instrument :
BNA_G
ClientSampleId :
C0AK3

Tot Ion	Ratio	Lower	Upper
166	100		
165	77.5	80.4	120.6#
167	15.6	10.6	16.0

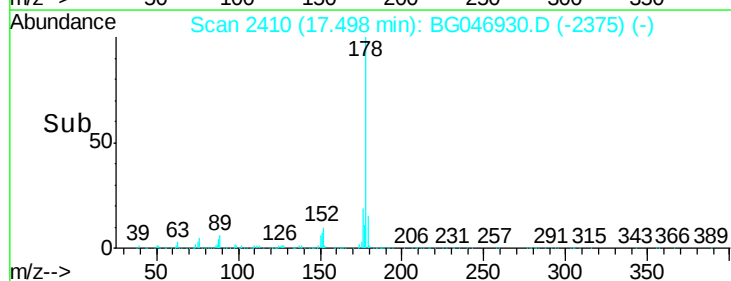
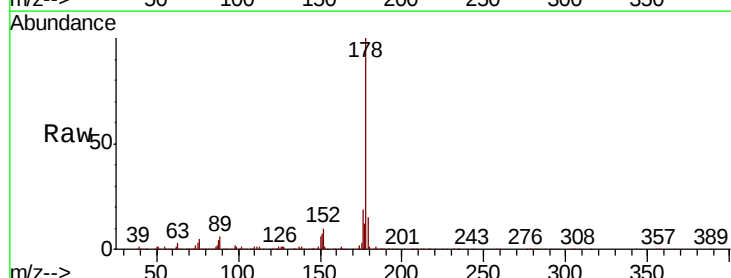
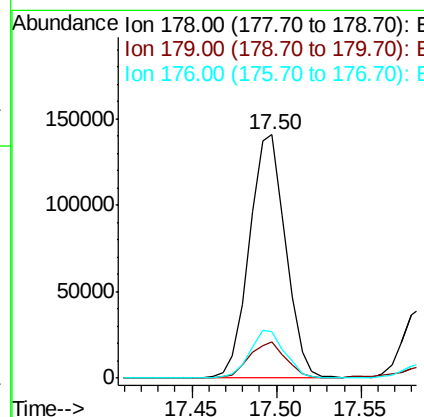
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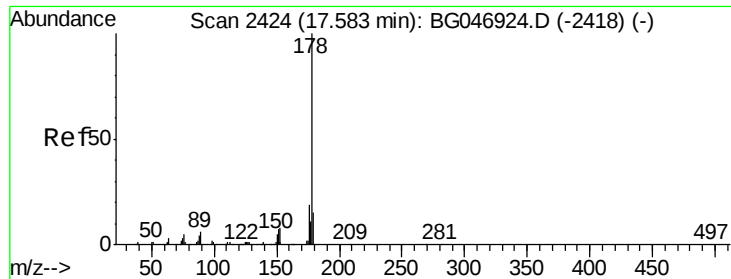
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#70
Phenanthrene
Concen: 10.772 ng/ul
RT: 17.50 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.5	18.7
176	19.1	15.0	22.4





#72

Anthracene

Concen: 3.062 ng/ul

RT: 17.59 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG046930.D

Acq: 16 Oct 2020 14:44

Instrument :

BNA_G

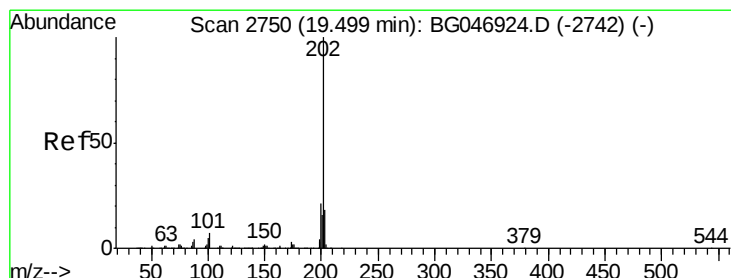
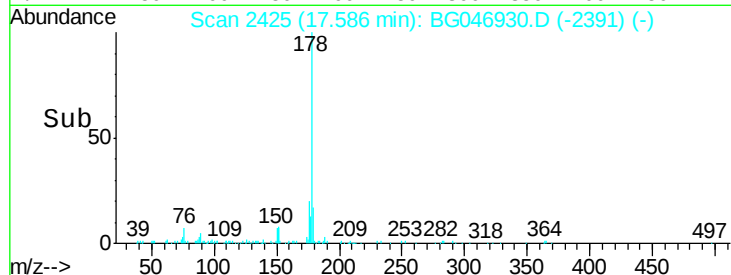
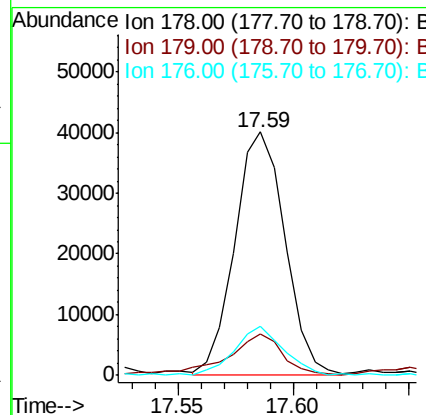
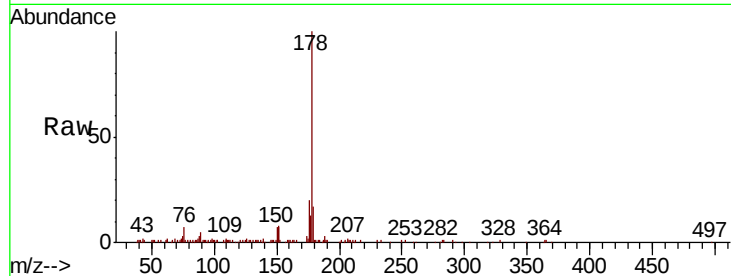
ClientSampled :

C0AK3

Tot Ion:	178	Resp:	60391
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.2	18.4
176	19.9	16.2	24.4

Manual Integrations
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#77

Fluoranthene

Concen: 11.500 ng/ul

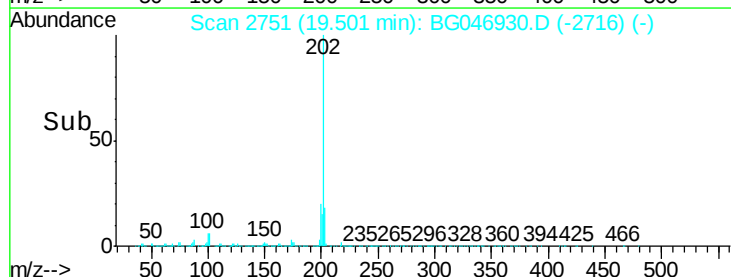
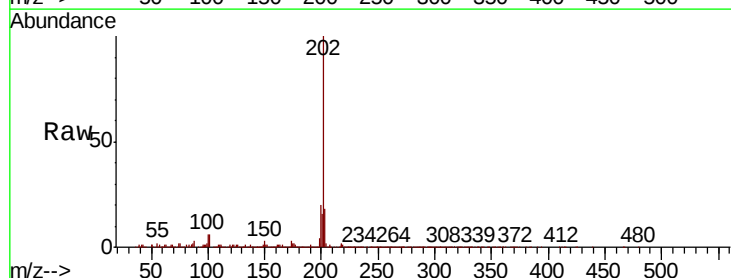
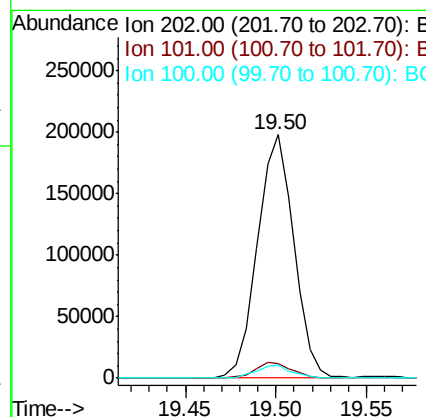
RT: 19.50 min Scan# 2751

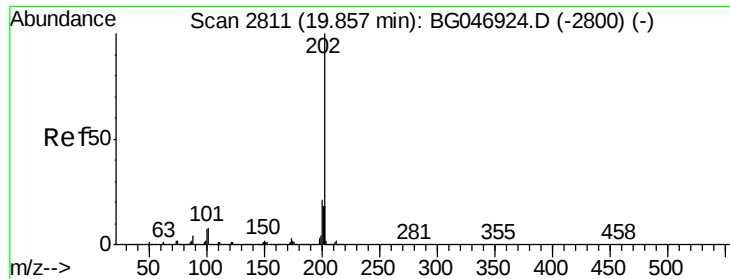
Delta R.T. 0.01 min

Lab File: BG046930.D

Acq: 16 Oct 2020 14:44

Tgt Ion:	202	Resp:	274200
Ion Ratio	Lower	Upper	
202	100		
101	6.1	4.9	7.3
100	5.6	4.6	6.8





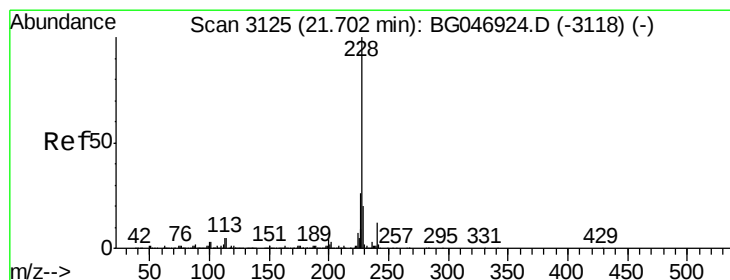
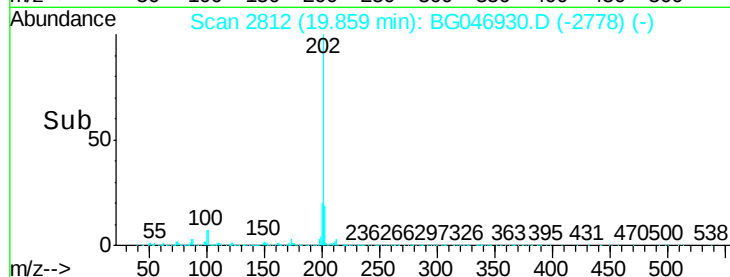
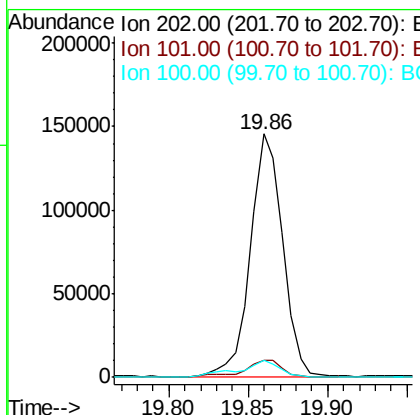
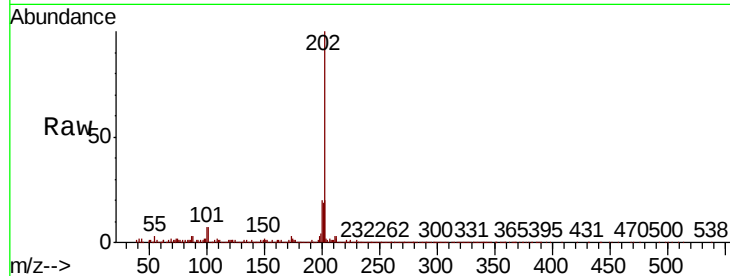
#80
Pvrene
Concen: 9.689 ng/ul
RT: 19.86 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Instrument :
BNA_G
ClientSampleId :
C0AK3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.8	6.5	9.7
100	7.1	5.2	7.8

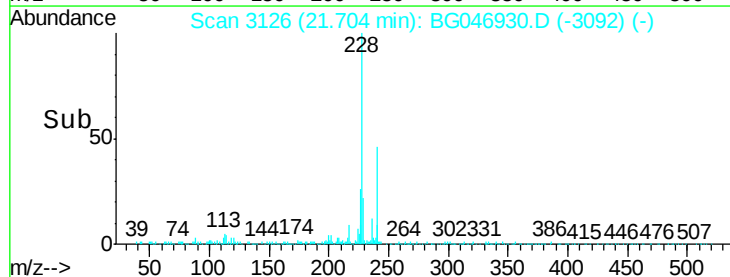
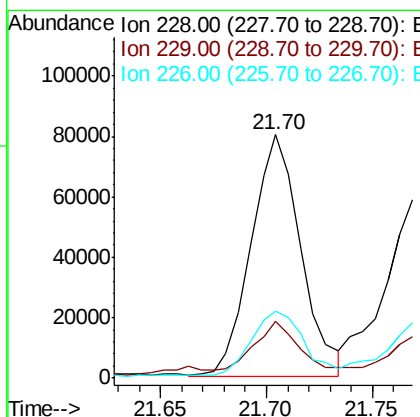
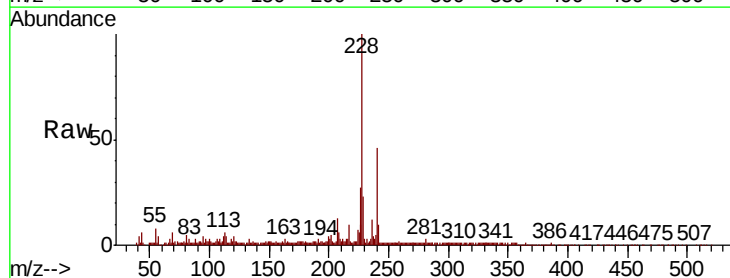
Manual Integrations
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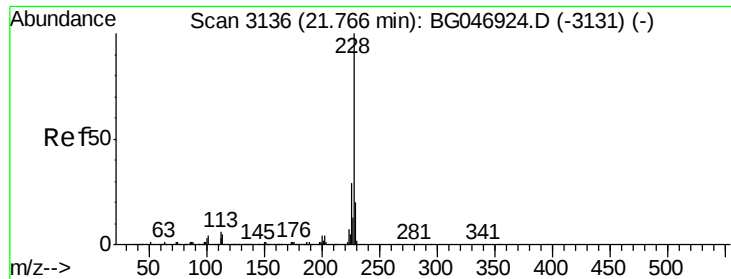
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#83
Benzo(a)anthracene
Concen: 6.033 ng/ul
RT: 21.70 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.0	16.2	24.2
226	27.3	21.6	32.4





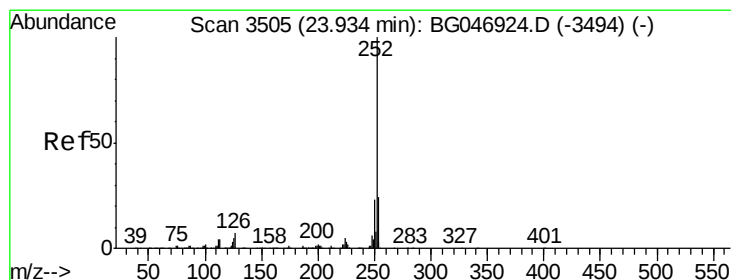
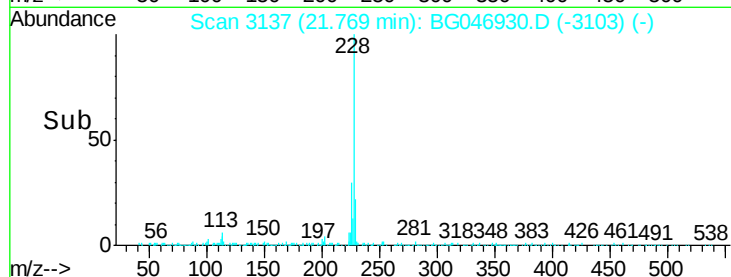
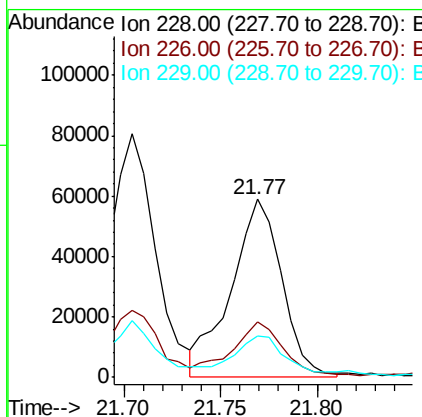
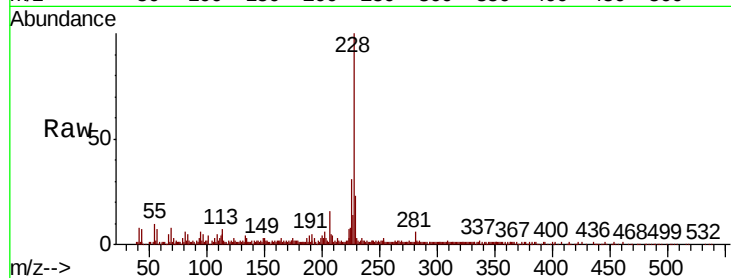
#85
 Chrysene
 Concen: 5.178 ng/ul m
 RT: 21.77 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG046930.D
 Acq: 16 Oct 2020 14:44

Instrument :
 BNA_G
 ClientSampleId :
 C0AK3

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.2	34.8
229	23.4	15.6	23.4#

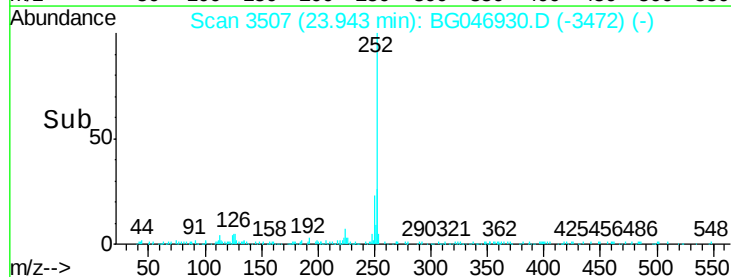
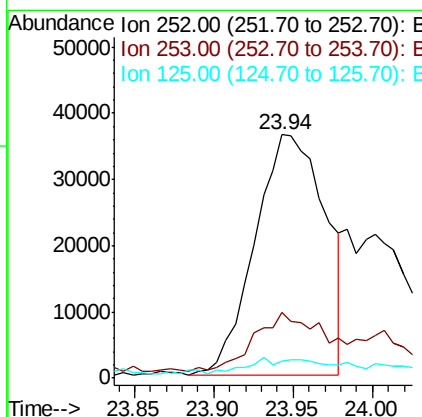
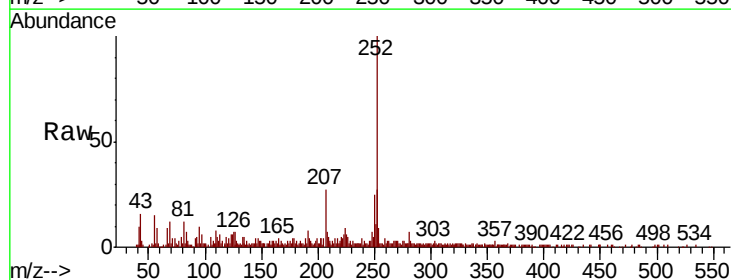
Manual Integrations
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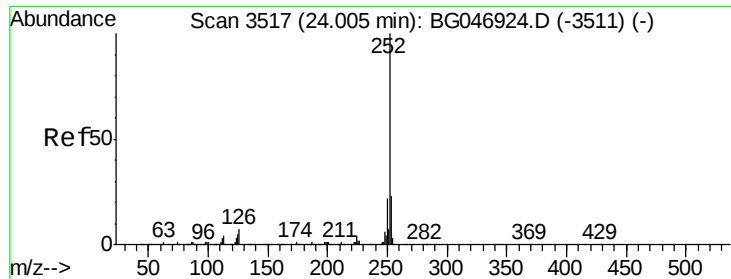
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#88
 Benzo(b)fluoranthene
 Concen: 5.043 ng/ul
 RT: 23.94 min Scan# 3507
 Delta R.T. 0.01 min
 Lab File: BG046930.D
 Acq: 16 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.2
125	6.8	4.6	7.0





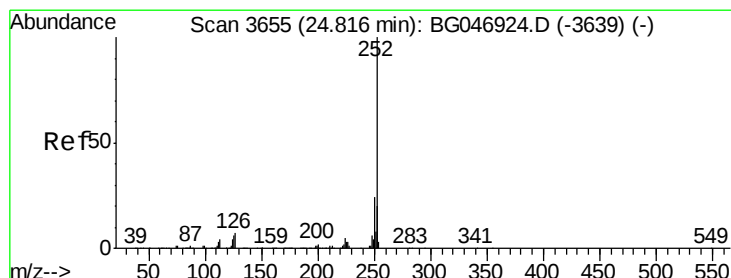
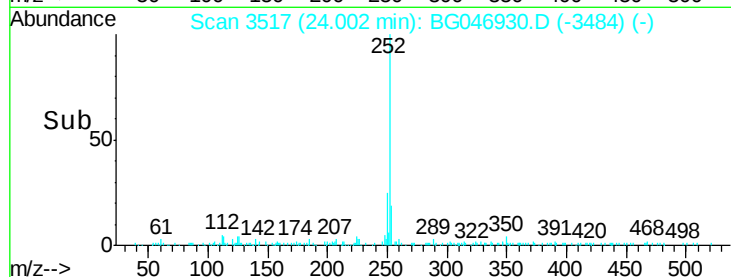
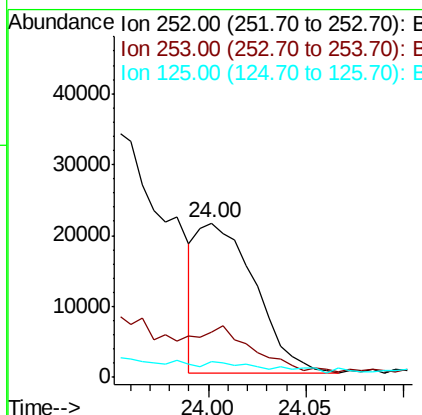
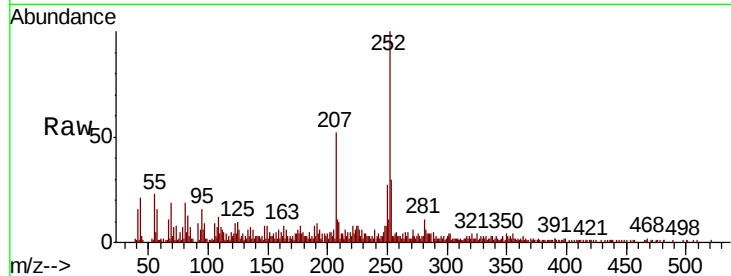
#89
Benzo(k)fluoranthene
Concen: 2.038 ng/ul
RT: 24.00 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Instrument :
BNA_G
ClientSampleId :
C0AK3

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.5	17.7	26.5#
125	9.9	4.2	6.4#

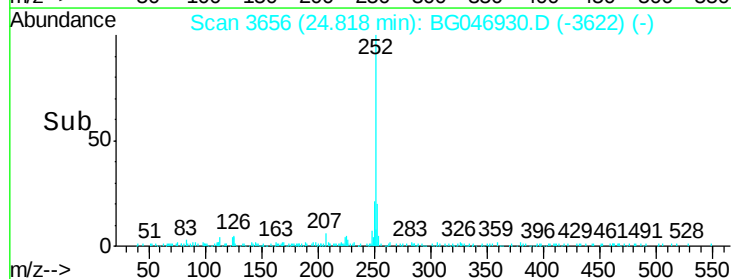
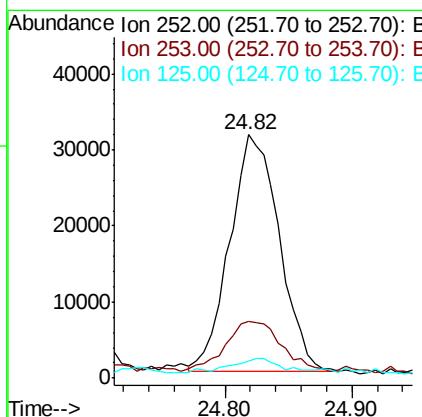
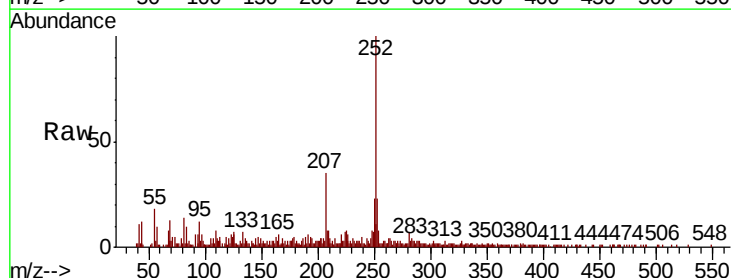
Manual Integrations
APPROVED

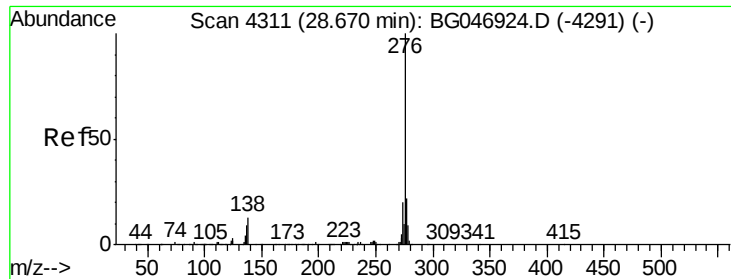
mohammad
10/19/2020 1:23:12 PM



#91
Benzo(a)pyrene
Concen: 4.223 ng/ul
RT: 24.82 min Scan# 3656
Delta R.T. -0.00 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	6.8	5.4	8.0





#92

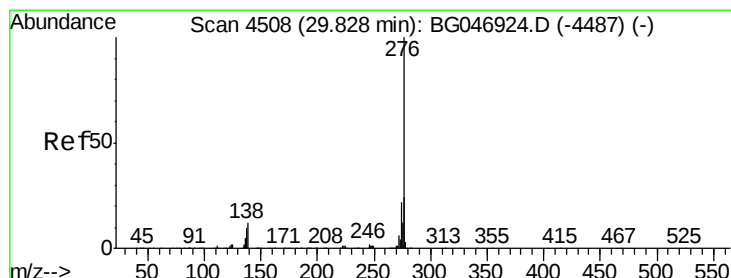
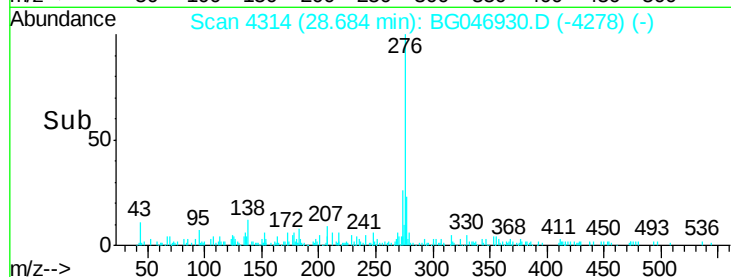
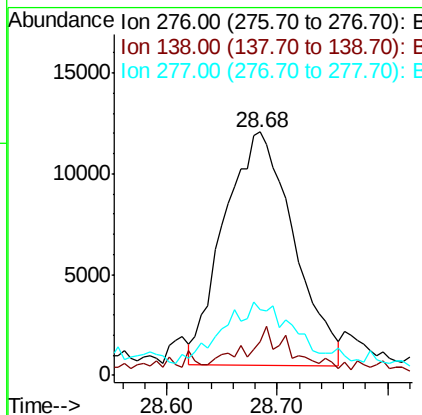
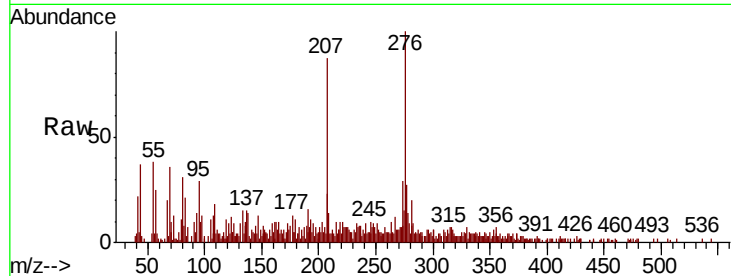
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng/ul
RT: 28.68 min Scan# 4314
Delta R.T. 0.01 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Instrument :
BNA_G
ClientSampleId :
C0AK3

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	7.8	11.6#
277	26.8	19.4	29.2

Manual Integrations
APPROVED

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#94

Benzo(g,h,i)perylene
Concen: 1.675 ng/ul
RT: 29.84 min Scan# 4511
Delta R.T. 0.01 min
Lab File: BG046930.D
Acq: 16 Oct 2020 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.3	8.5	12.7#
277	27.9	18.5	27.7#

