

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042024.D
 Acq On : 7 Aug 2019 10:30
 Operator : HP/JU
 Sample : K4028-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENY8

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:40:38 PM

Quant Time: Aug 14 02:55:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 12:00:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	325926	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	242180	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	505338m	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	483567	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	585315	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4864	2.79	ng/uL	0.00
5) Phenol-d5	7.18	99	119261	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63126	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	110465	21.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	105239	20.91	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	55260	22.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	67145	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	133583	23.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	116678	18.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	421843	22.46	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	491898	22.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	52070	16.51	ng/ul	0.00
57) Fluorene-d10	15.68	176	380710	22.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	63868m	19.70	ng/ul	0.00
70) Anthracene-d10	17.54	188	587778	24.24	ng/ul	0.00
78) Pyrene-d10	19.83	212	647127	23.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	739214	24.18	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	201788	10.820	ng/ul 98
69) Phenanthrene	17.48	178	444878m	16.081	ng/ul
71) Anthracene	17.57	178	78672	2.804	ng/ul 97
74) Carbazole	17.84	167	48225	2.075	ng/ul 98
76) Fluoranthene	19.49	202	1127566	35.275	ng/ul 98
79) Pyrene	19.86	202	1027494	31.588	ng/ul 98
82) Benzo(a)anthracene	21.70	228	601836	17.950	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.61	149	89274	5.110	ng/ul 100
84) Chrysene	21.77	228	666194	21.289	ng/ul 97
87) Benzo(b)fluoranthene	23.96	252	935452	25.467	ng/ul 98
88) Benzo(k)fluoranthene	24.02	252	347226m	9.832	ng/ul
90) Benzo(a)pyrene	24.84	252	651920	18.625	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	28.72	276	485921	11.902	ng/ul 98
92) Dibenzo(a,h)anthracene	28.76	278	114534	3.439	ng/ul 95
93) Benzo(g,h,i)perylene	29.89	276	489265m	14.354	ng/ul

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

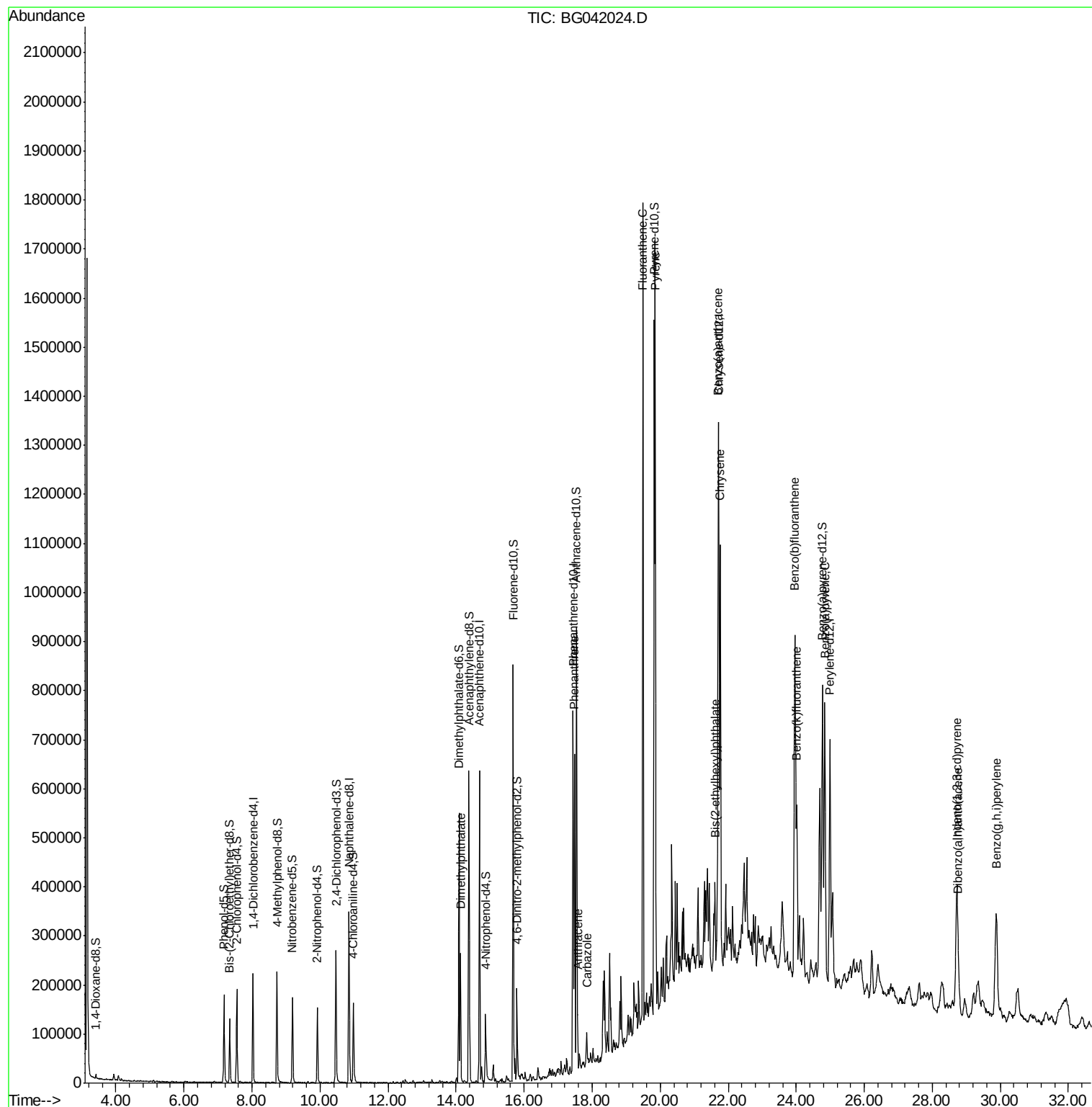
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042024.D
Acq On : 7 Aug 2019 10:30
Operator : HP/JU
Sample : K4028-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

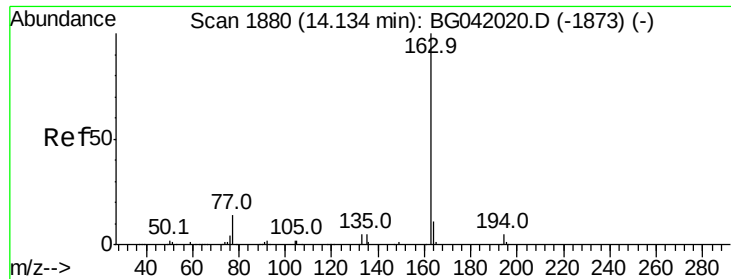
Instrument :
BNA_G
ClientSampleId :
BENY8

Manual Integrations
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Quant Time: Aug 14 02:55:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration





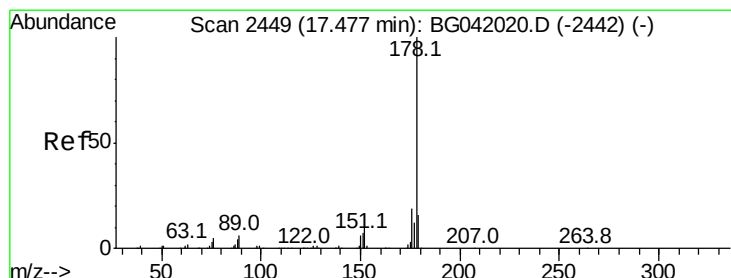
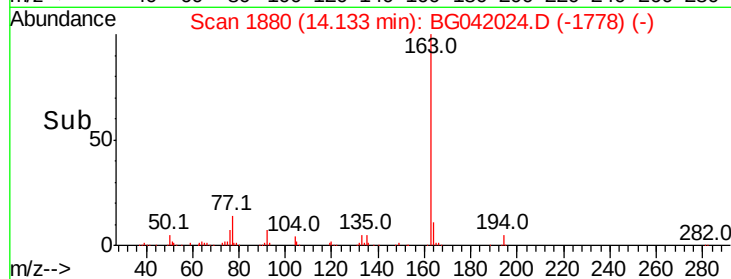
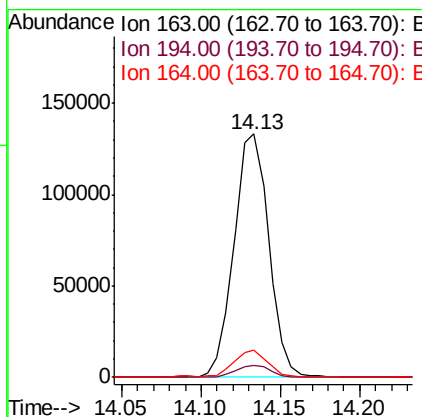
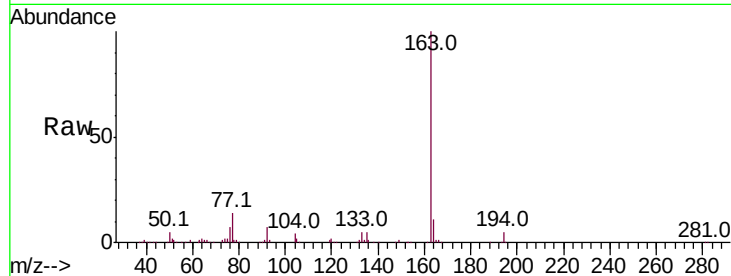
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Dimethylphthalate
Concen: 10.820 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042024.D
Acq: 7 Aug 2019 10:30

Instrument :
BNA_G
ClientSampleId :
BENY8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	201788		
194	5.1		4.2	6.2
164	11.1		7.8	11.8

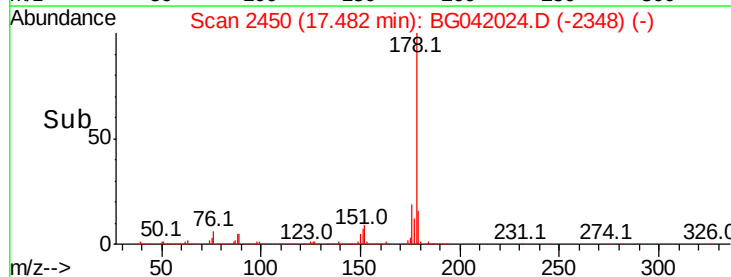
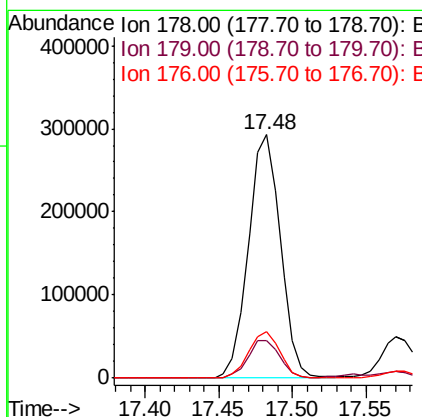
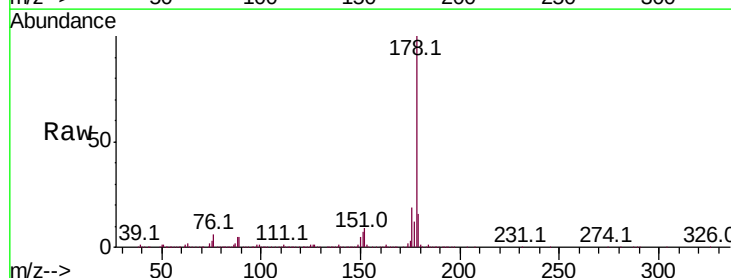
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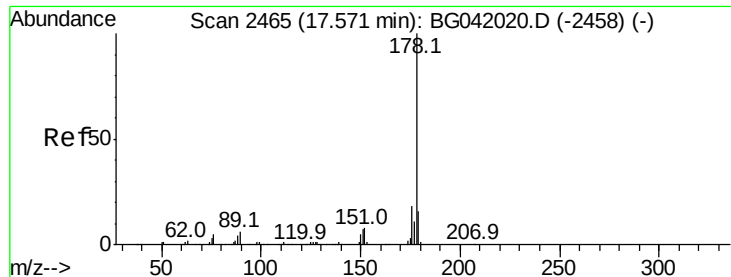
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#69
Phenanthrene
Concen: 16.081 ng/ul m
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042024.D
Acq: 7 Aug 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	444878		
179	15.6		12.8	19.2
176	19.2		15.4	23.2





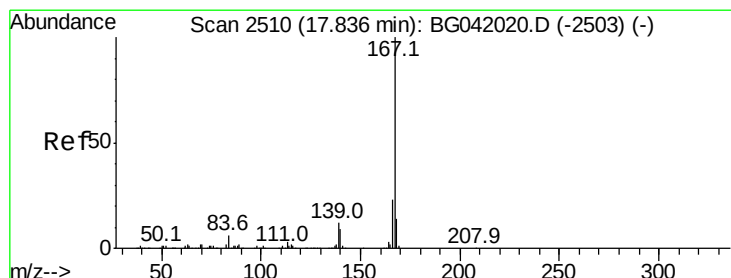
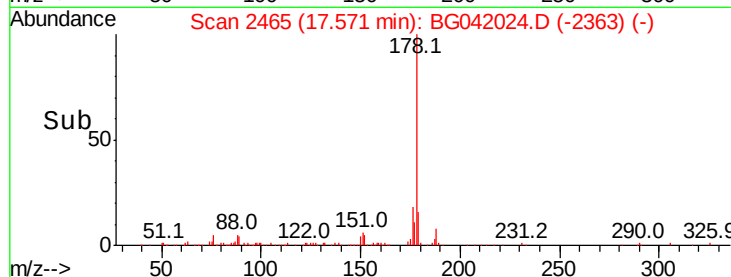
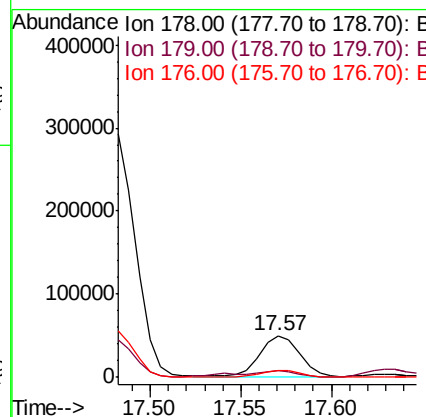
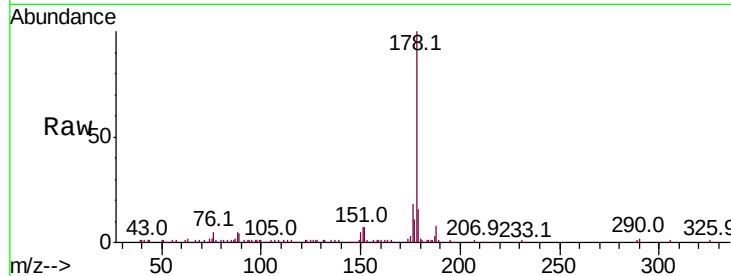
#71
 Anthracene
 Concen: 2.804 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042024.D
 Acq: 7 Aug 2019 10:30

Instrument :
 BNA_G
 ClientSampleId :
 BENY8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.0
176	17.6	15.4	23.2

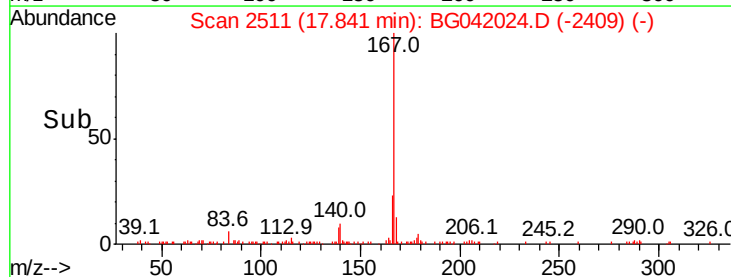
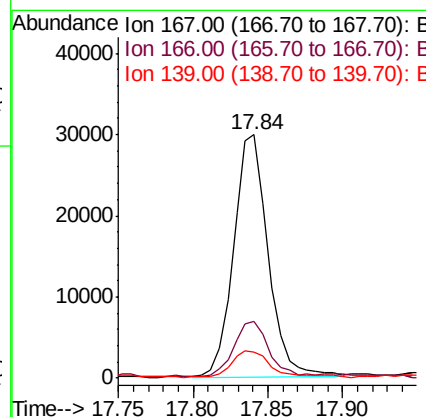
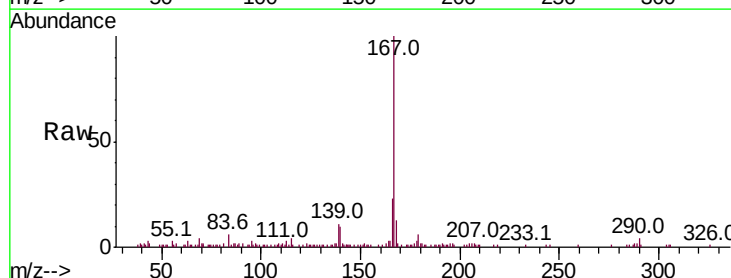
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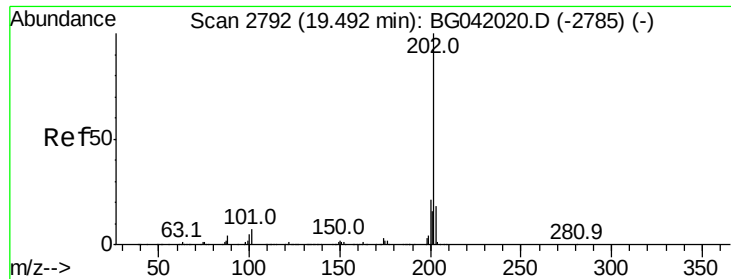
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#74
 Carbazole
 Concen: 2.075 ng/ul
 RT: 17.84 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BG042024.D
 Acq: 7 Aug 2019 10:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	10.9	9.6	14.4





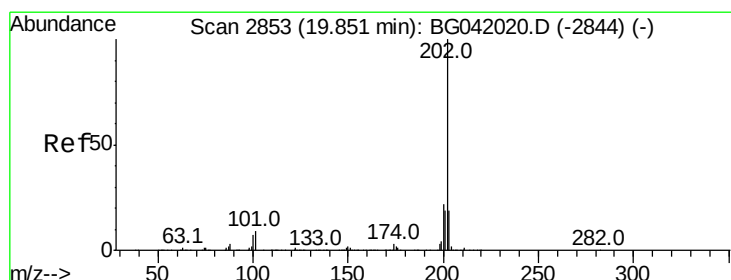
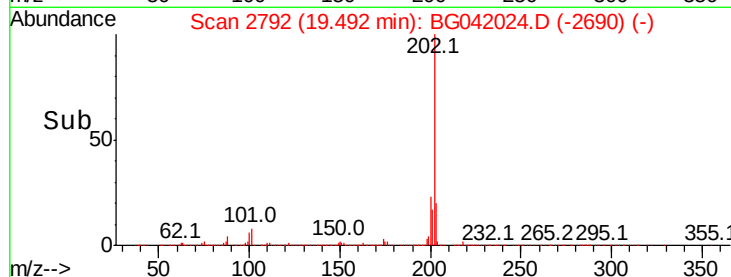
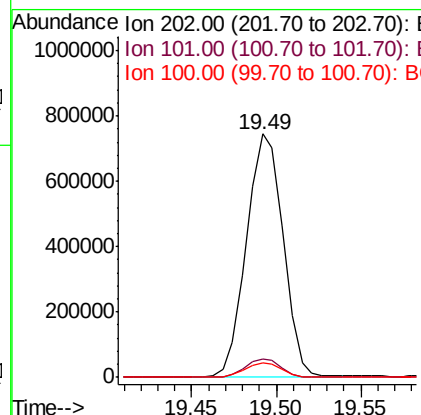
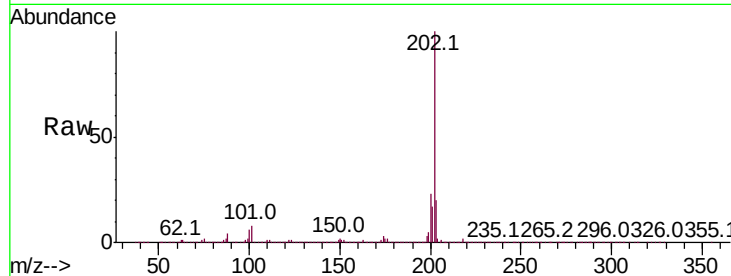
#76
 Fluoranthene
 Concen: 35.275 ng/ul
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG042024.D
 Acq: 7 Aug 2019 10:30

Instrument :
 BNA_G
 ClientSampleId :
 BENY8

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1127566		
101	7.8		6.7	10.1
100	6.1		5.3	7.9

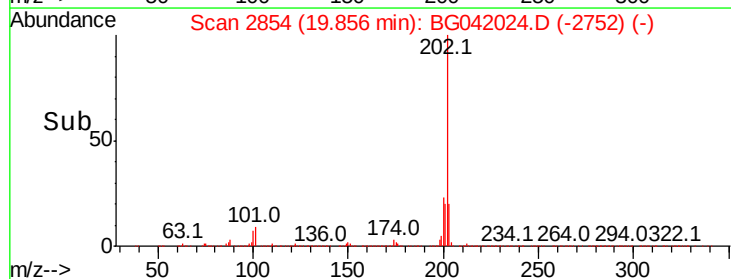
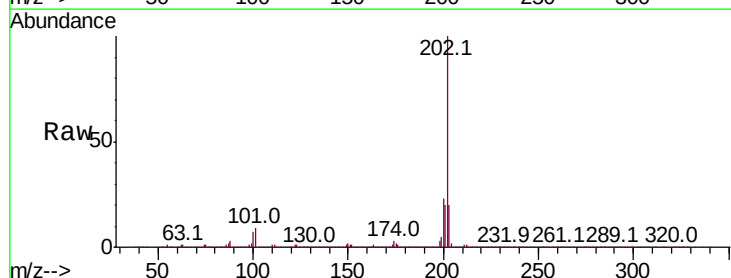
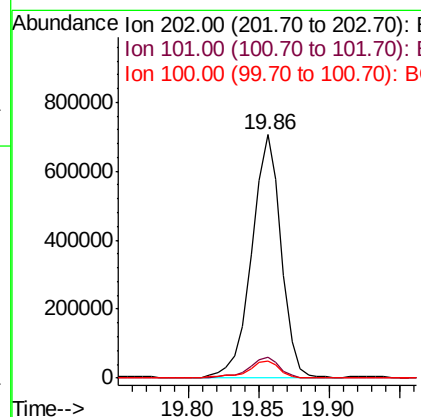
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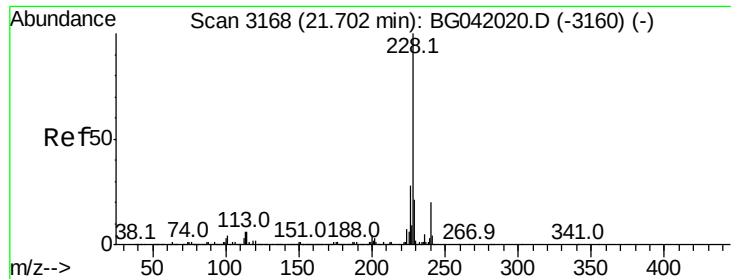
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#79
 Pyrene
 Concen: 31.588 ng/ul
 RT: 19.86 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG042024.D
 Acq: 7 Aug 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1027494		
101	8.7		7.6	11.4
100	7.3		6.5	9.7





#82

Benzo(a)anthracene

Concen: 17.950 ng/ul

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG042024.D

Acq: 7 Aug 2019 10:30

Instrument :

BNA_G

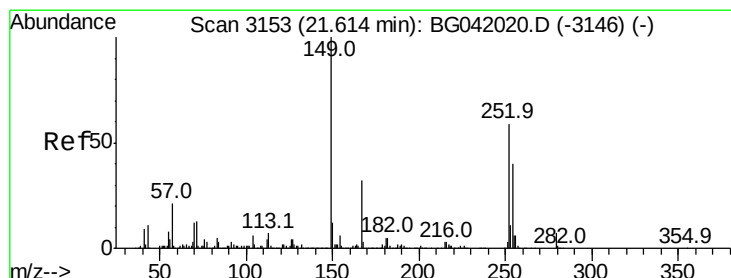
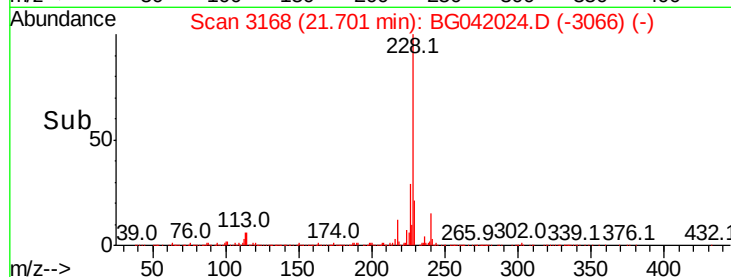
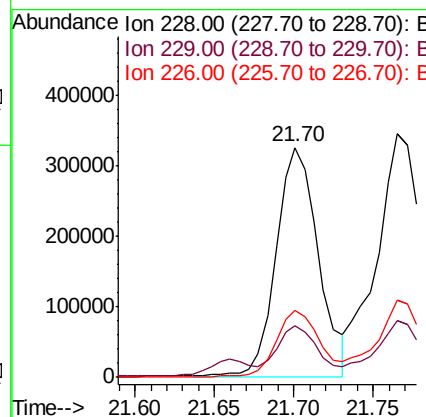
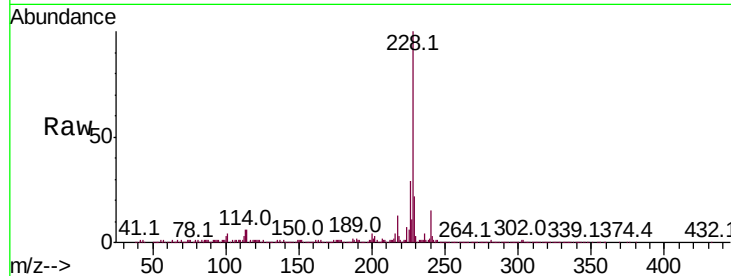
ClientSampleId :

BENY8

Tot Ion:	228	Resp:	601836
Ion Ratio	Lower	Upper	
228	100		
229	22.4	17.0	25.6
226	29.2	23.3	34.9

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#83

Bis(2-ethylhexyl)phthalate

Concen: 5.110 ng/ul

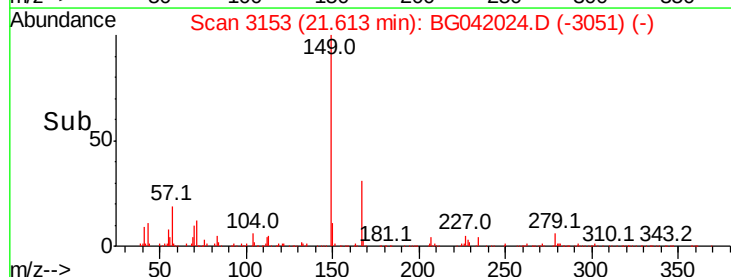
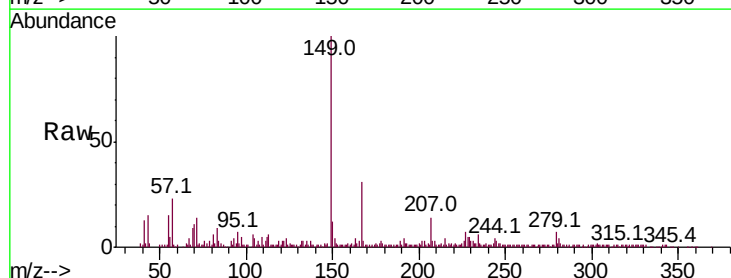
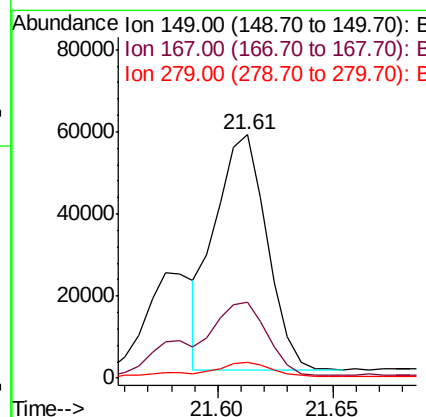
RT: 21.61 min Scan# 3153

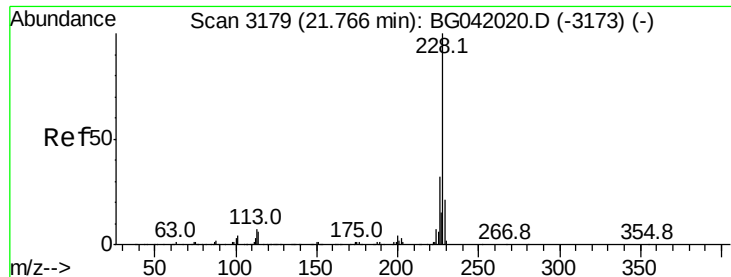
Delta R.T. 0.00 min

Lab File: BG042024.D

Acq: 7 Aug 2019 10:30

Tgt Ion:	149	Resp:	89274
Ion Ratio	Lower	Upper	
149	100		
167	31.0	25.0	37.4
279	6.6	5.2	7.8





#84

Chrysene

Concen: 21.289 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BG042024.D

Acq: 7 Aug 2019 10:30

Instrument :

BNA_G

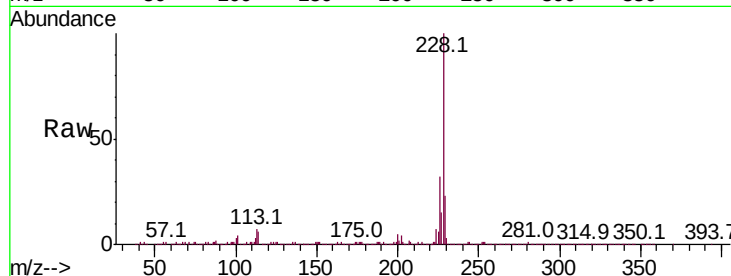
ClientSampleId :

BENY8

Tot Ion:	228	Resp:	666194
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.7	38.5
229	23.4	16.6	24.8

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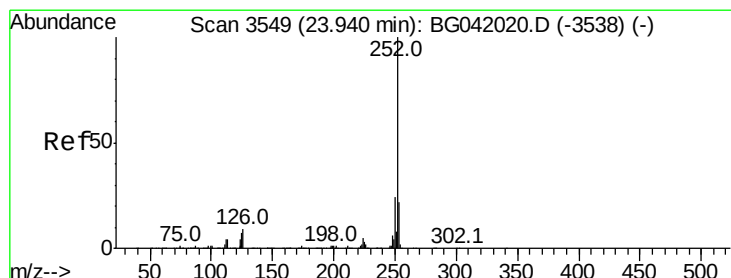
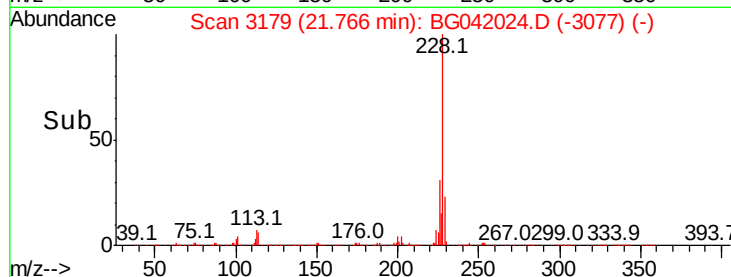
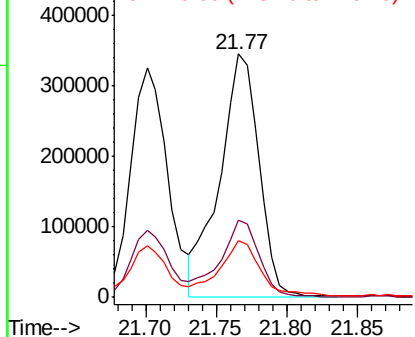


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 25.467 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042024.D

Acq: 7 Aug 2019 10:30

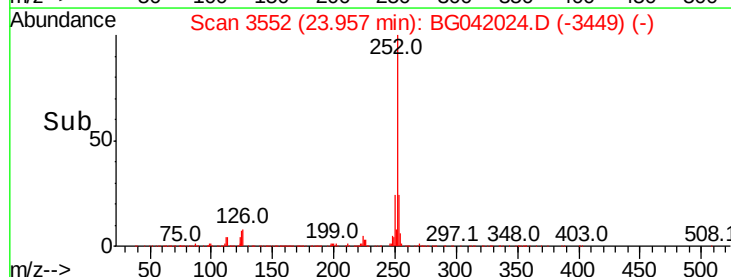
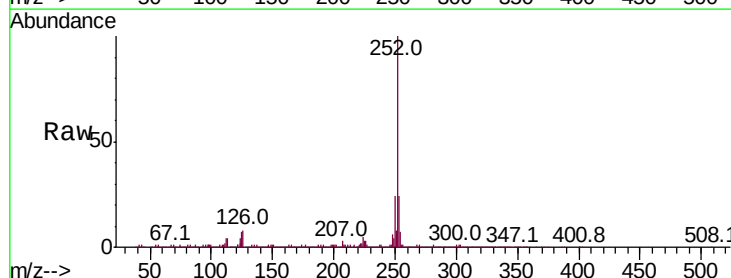
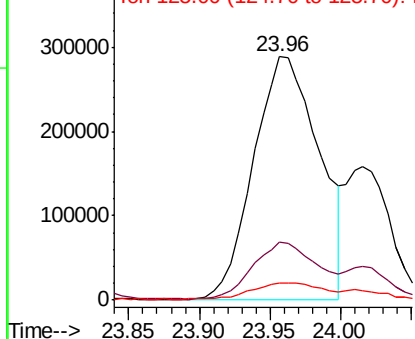
Tgt Ion:	252	Resp:	935452
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.4	27.6
125	7.0	5.8	8.8

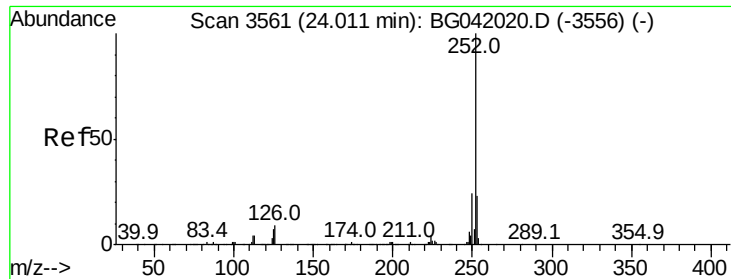
Abundance

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





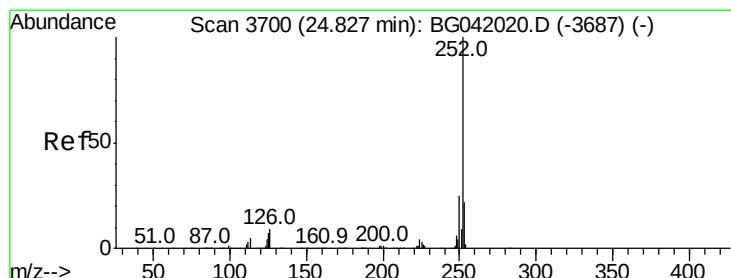
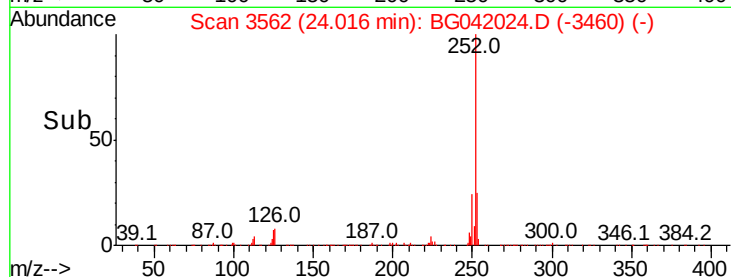
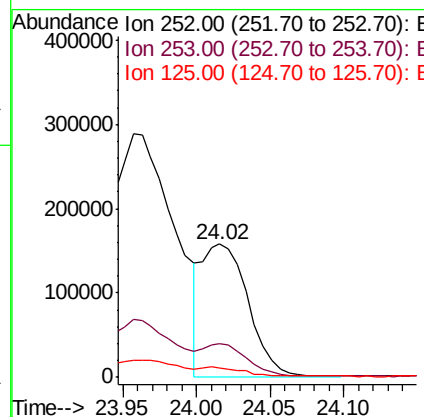
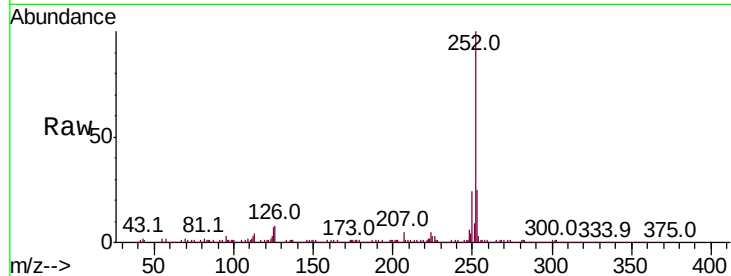
#88
Benzo(k)fluoranthene
Concen: 9.832 ng/ul m
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG042024.D
Acq: 7 Aug 2019 10:30

Instrument :
BNA_G
ClientSampleId :
BENY8

Tot Ion	Ratio	Resp	Lower	Upper
252	100	347226		
253	25.5	18.3	27.5	
125	7.1	5.5	8.3	

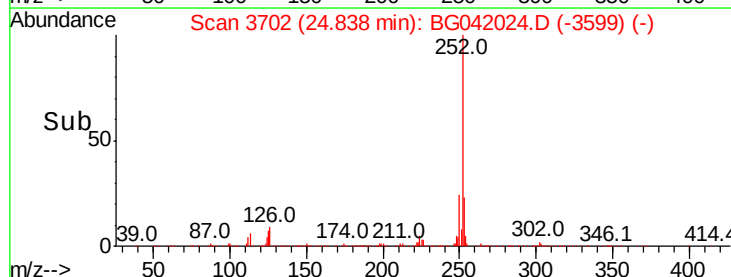
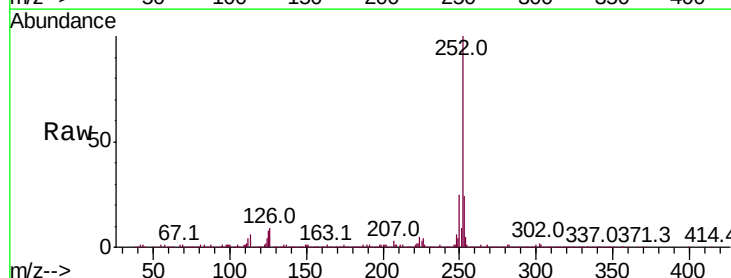
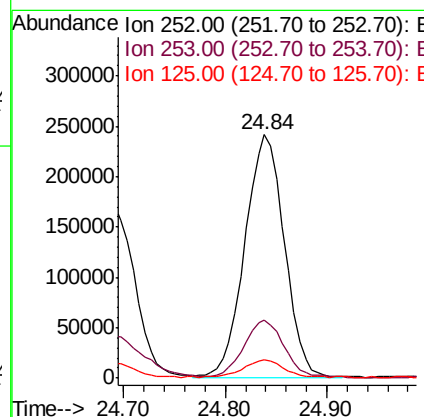
Manual Integrations
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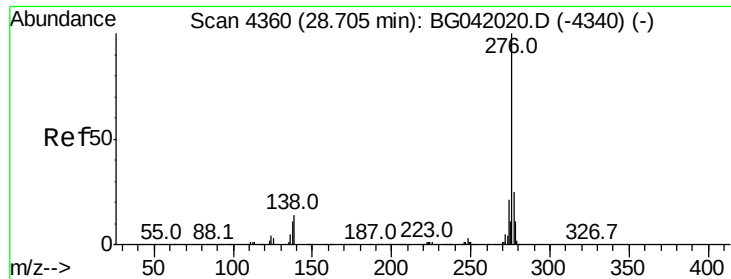
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#90
Benzo(a)pyrene
Concen: 18.625 ng/ul
RT: 24.84 min Scan# 3702
Delta R.T. 0.01 min
Lab File: BG042024.D
Acq: 7 Aug 2019 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	651920		
253	23.9	18.3	27.5	
125	7.6	6.5	9.7	





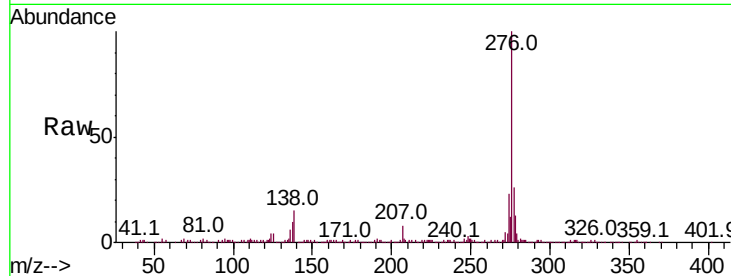
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 Indeno(1,2,3-cd)pyrene
 Concen: 11.902 ng/ul
 RT: 28.72 min Scan# 4363
 Delta R.T. 0.01 min
 Lab File: BG042024.D
 Acq: 7 Aug 2019 10:30

Instrument :
 BNA_G
 ClientSampleId :
 BENY8

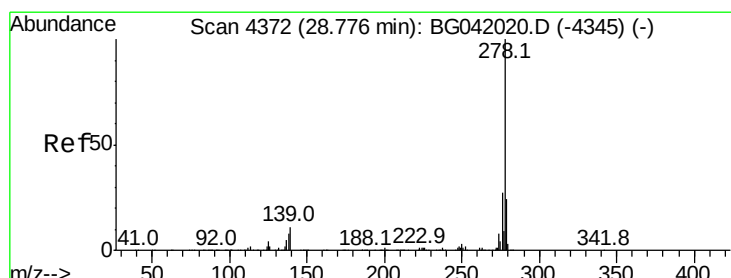
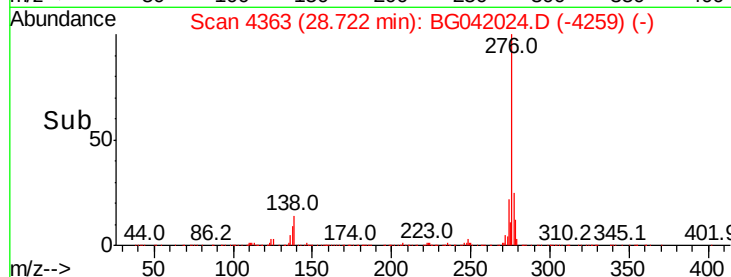
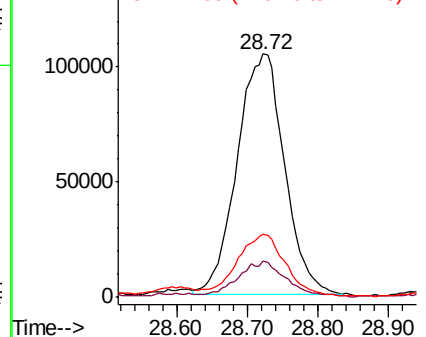
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.0	18.0
277	25.8	19.2	28.8

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:40:38 PM

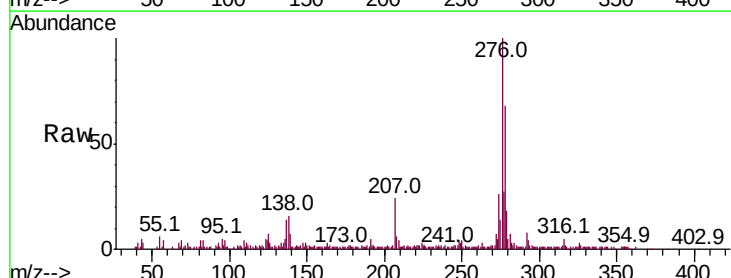


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

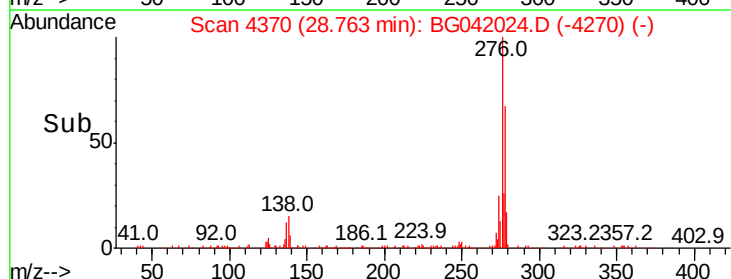
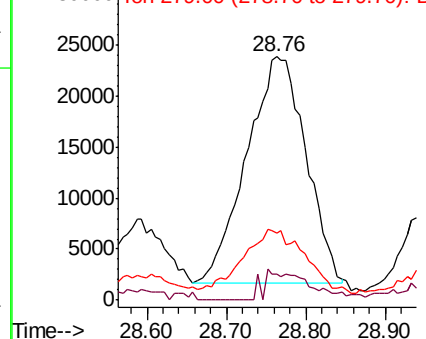


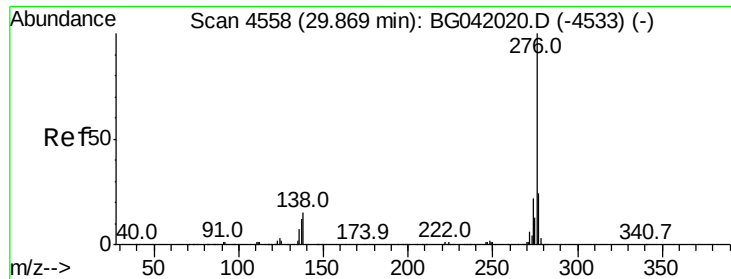
#92
 Dibenzo(a,h)anthracene
 Concen: 3.439 ng/ul
 RT: 28.76 min Scan# 4370
 Delta R.T. -0.01 min
 Lab File: BG042024.D
 Acq: 7 Aug 2019 10:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.4	14.0
279	27.3	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 14.354 ng/ul m

RT: 29.89 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BG042024.D

Acq: 7 Aug 2019 10:30

Instrument :

BNA_G

ClientSampleId :

BENY8

Tot Ion:	276	Resp:	489265
Ion Ratio	Lower	Upper	
276	100		
138	14.1	12.6	18.8
277	24.8	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/7/2019 4:40:38 PM

