

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042035.D
 Acq On : 7 Aug 2019 17:35
 Operator : HP/JU
 Sample : K4028-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENR4

Manual Integrations
 APPROVED

mohammad
 8/9/2019 4:29:49 PM

Quant Time: Aug 14 02:58:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 01:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	309372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	220317	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	463403	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	446264	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	536032	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3437m	2.05	ng/uL	0.00
5) Phenol-d5	7.18	99	81459	14.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	46079	14.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	79611	16.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	68727	14.20	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	39996	17.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	51969	19.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	93177	17.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	93916	15.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	332785	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	375969	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	36831	12.84	ng/ul	0.00
57) Fluorene-d10	15.68	176	294764	19.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	46686	15.70	ng/ul	0.00
70) Anthracene-d10	17.54	188	457632	20.58	ng/ul	0.00
78) Pyrene-d10	19.82	212	509552	20.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	578696	20.67	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	14.13	163	116550	6.870	ng/ul 98
49) Acenaphthene	14.75	153	16214	1.177	ng/ul 95
69) Phenanthrene	17.48	178	391703	15.440	ng/ul 99
71) Anthracene	17.57	178	91666	3.563	ng/ul 96
76) Fluoranthene	19.49	202	573173	19.554	ng/ul 97
79) Pyrene	19.85	202	665191	22.160	ng/ul 98
80) Butylbenzylphthalate	20.74	149	13004	1.101	ng/ul 95
82) Benzo(a)anthracene	21.70	228	388351	12.551	ng/ul 100
83) Bis(2-ethylhexyl)phthalate	21.62	149	2154341	133.633	ng/ul# 83
84) Chrysene	21.77	228	389243	13.478	ng/ul 98
87) Benzo(b)fluoranthene	23.95	252	388802	11.558	ng/ul 97
88) Benzo(k)fluoranthene	24.01	252	137214m	4.242	ng/ul
90) Benzo(a)pyrene	24.83	252	333820	10.414	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	28.71	276	180670	4.832	ng/ul 98
92) Dibenzo(a,h)anthracene	28.74	278	59202m	1.941	ng/ul
93) Benzo(g,h,i)perylene	29.87	276	186558	5.976	ng/ul 99

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

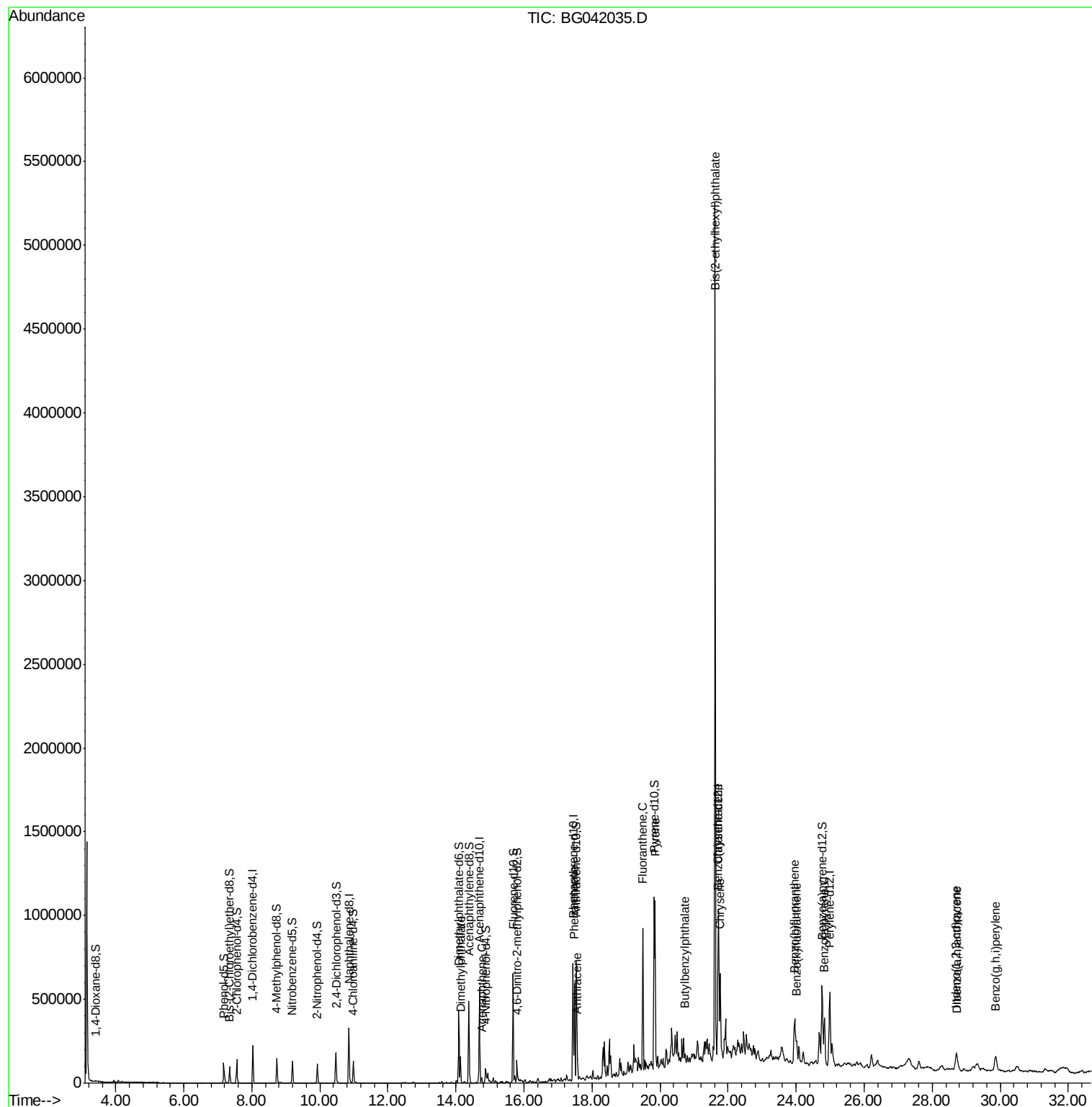
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042035.D
Acq On : 7 Aug 2019 17:35
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Sample : K4028-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

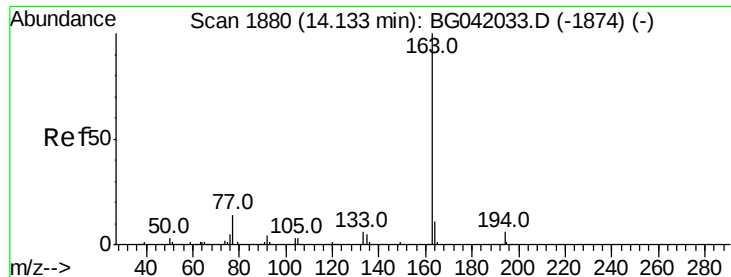
Instrument :
BNA_G
ClientSampleId :
BENR4

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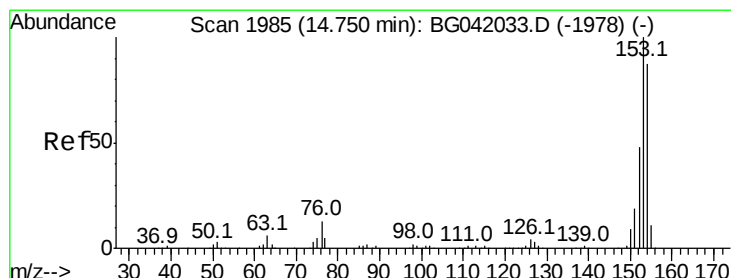
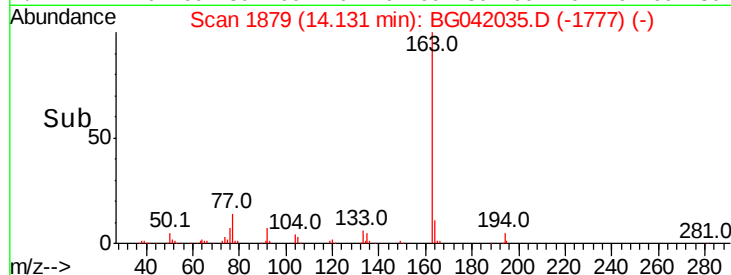
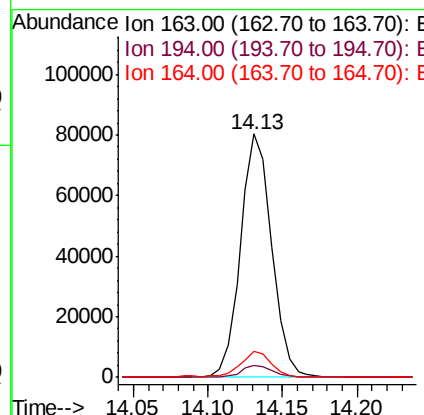
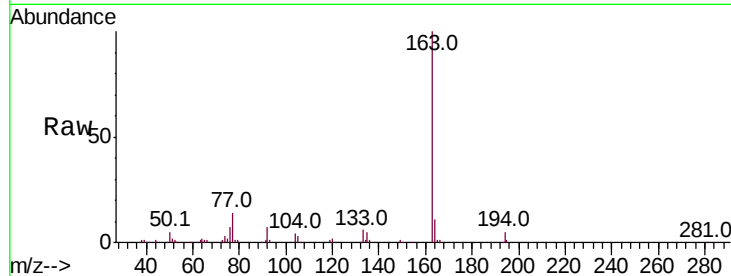
#44
Dimethylphthalate
Concen: 6.870 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042035.D
Acq: 7 Aug 2019 17:35

Instrument :
BNA_G
ClientSampled :
BENR4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	116550		
194	4.9		4.2	6.2
164	10.9		7.8	11.8

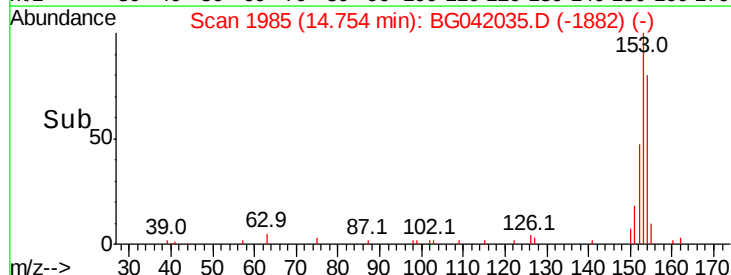
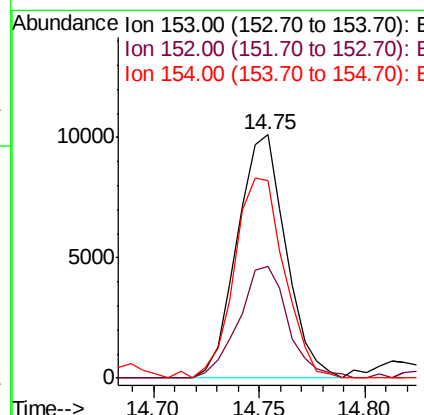
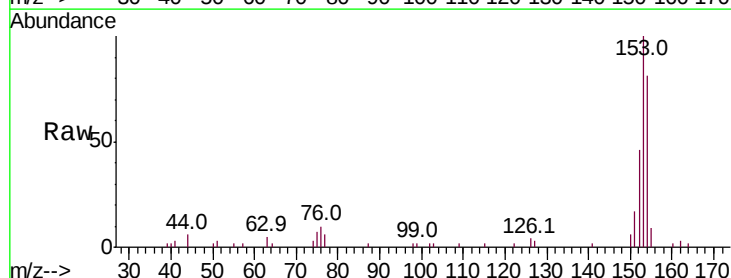
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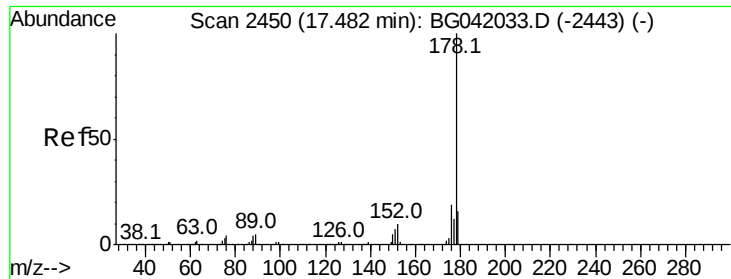
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#49
Acenaphthene
Concen: 1.177 ng/ul
RT: 14.75 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BG042035.D
Acq: 7 Aug 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	16214		
152	45.9		37.8	56.8
154	81.3		69.4	104.2





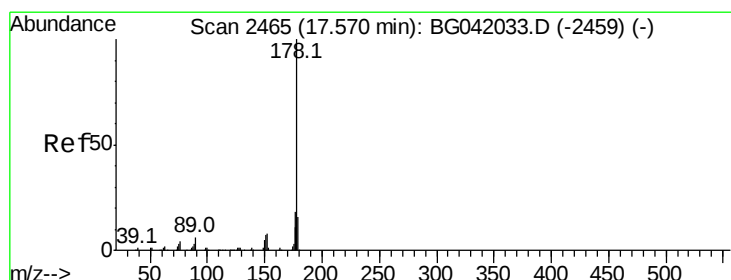
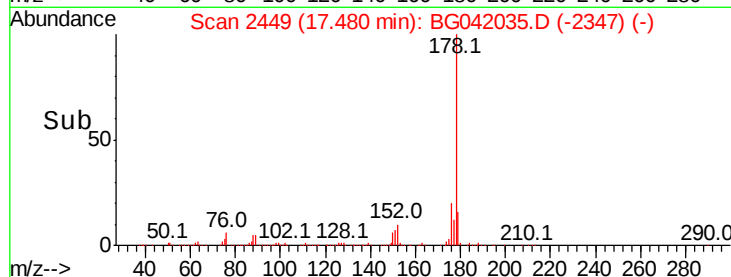
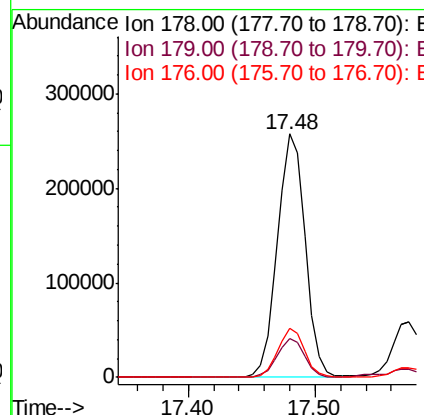
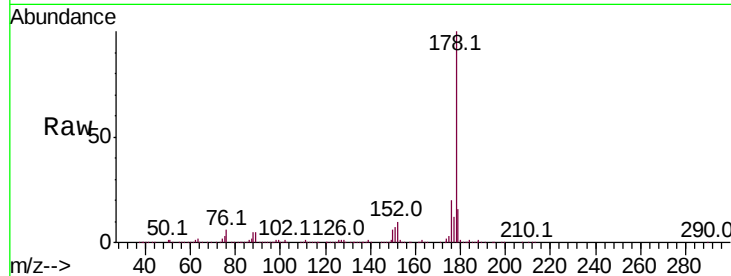
#69
 Phenanthrene
 Concen: 15.440 ng/ul
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BG042035.D
 Acq: 7 Aug 2019 17:35

Instrument :
 BNA_G
 ClientSampleId :
 BENR4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.1	15.4	23.2

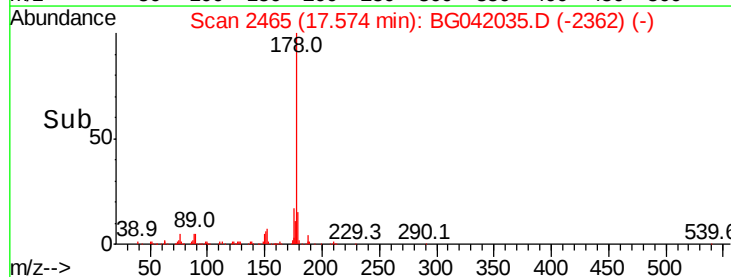
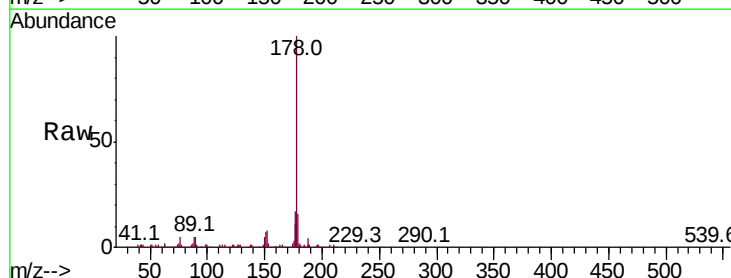
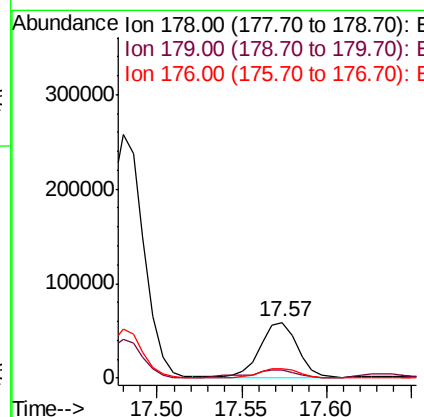
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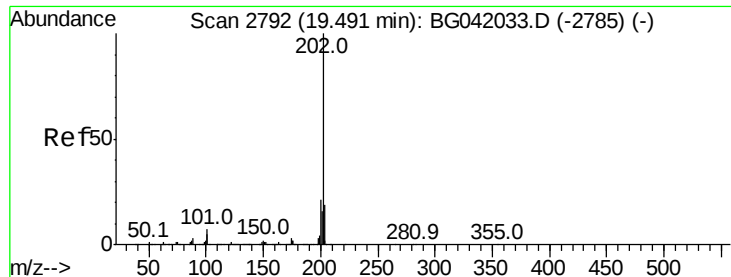
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#71
 Anthracene
 Concen: 3.563 ng/ul
 RT: 17.57 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BG042035.D
 Acq: 7 Aug 2019 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.0
176	17.3	15.4	23.2





#76

Fluoranthene

Concen: 19.554 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG042035.D

Acq: 7 Aug 2019 17:35

Instrument :

BNA_G

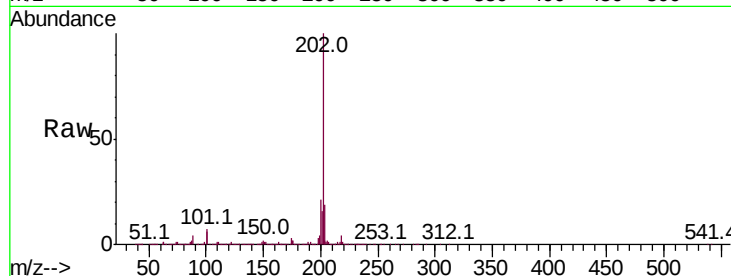
ClientSampleId :

BENR4

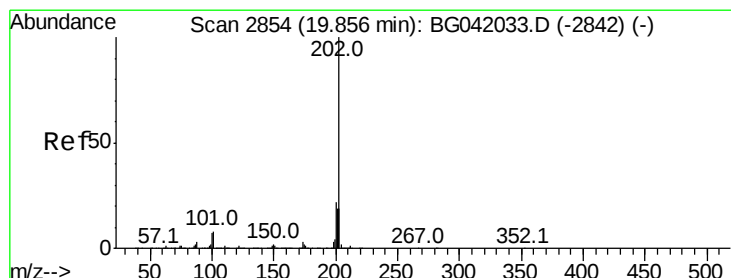
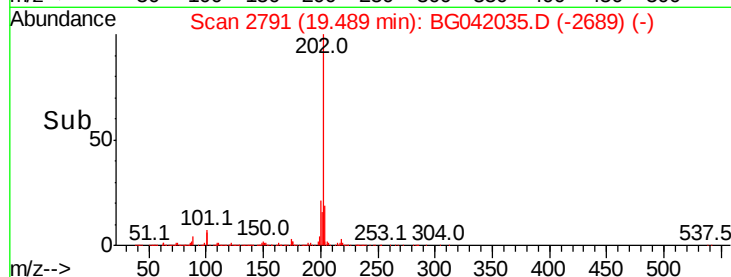
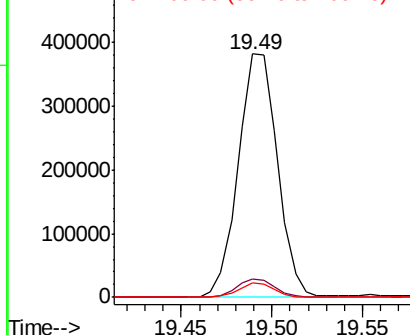
Tot Ion:	202	Resp:	573173
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.7	10.1
100	5.9	5.3	7.9

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 22.160 ng/ul

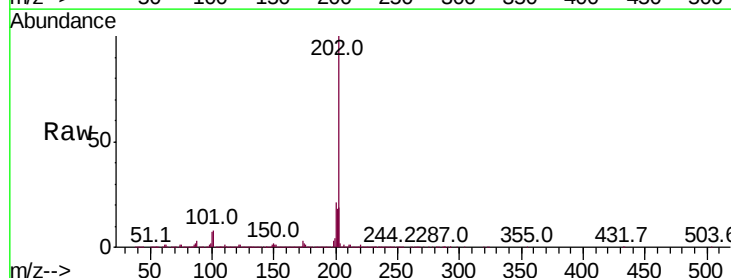
RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

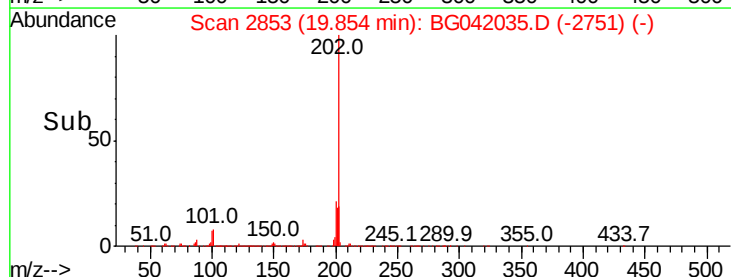
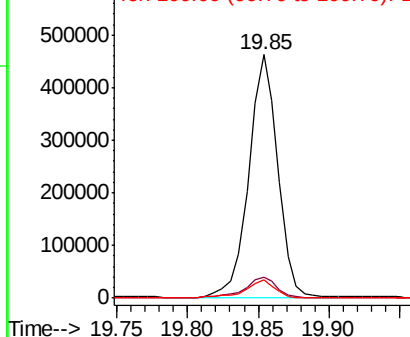
Lab File: BG042035.D

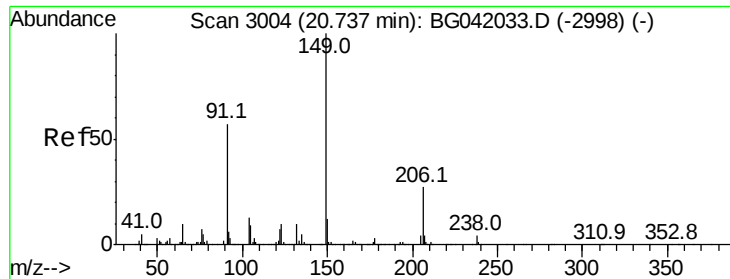
Acq: 7 Aug 2019 17:35

Tgt Ion:	202	Resp:	665191
Ion Ratio	Lower	Upper	
202	100		
101	8.5	7.6	11.4
100	7.4	6.5	9.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





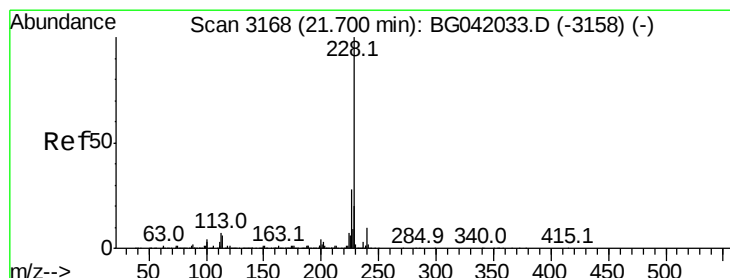
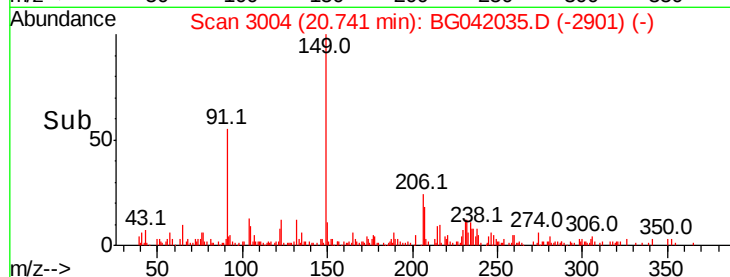
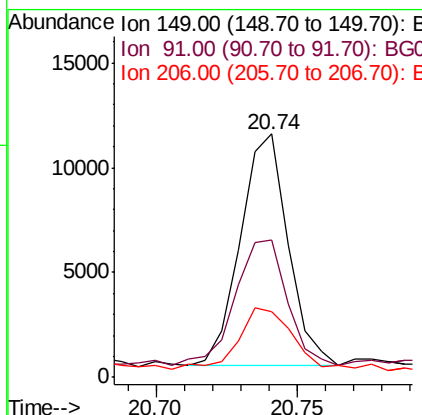
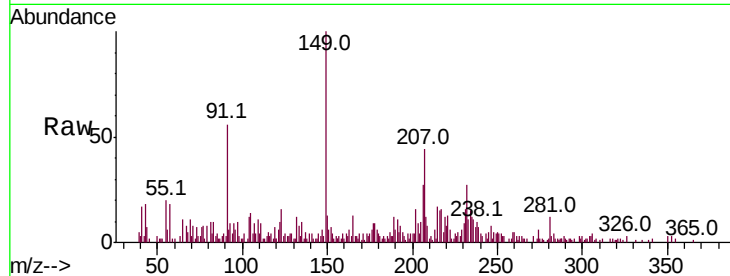
#80
Butylbenzylphthalate
Concen: 1.101 ng/ul
RT: 20.74 min Scan# 3004
Delta R.T. 0.00 min
Lab File: BG042035.D
Acq: 7 Aug 2019 17:35

Instrument :
BNA_G
ClientSampleId :
BENR4

Tot Ion	Ratio	Lower	Upper
149	100		
91	56.4	49.5	74.3
206	26.8	21.3	31.9

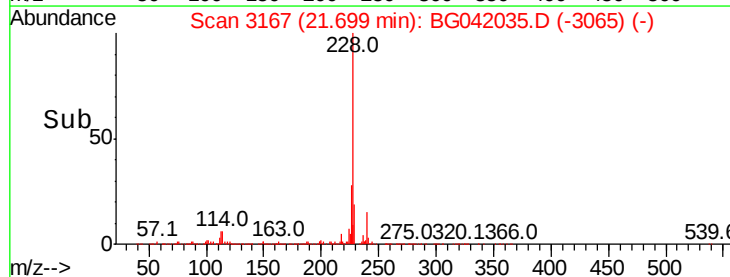
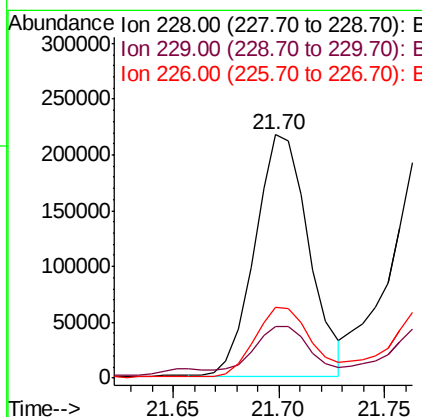
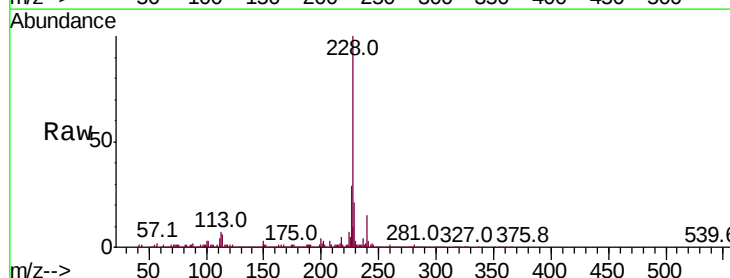
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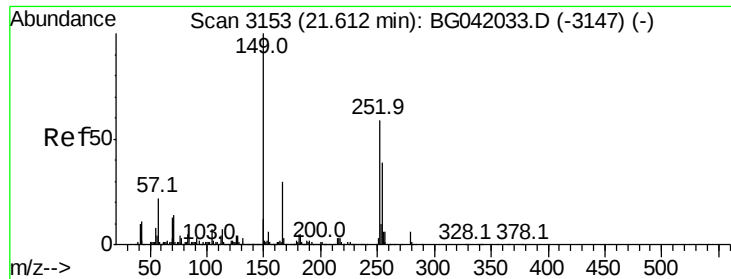
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#82
Benzo(a)anthracene
Concen: 12.551 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042035.D
Acq: 7 Aug 2019 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	17.0	25.6
226	29.0	23.3	34.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 133.633 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. 0.01 min

Lab File: BG042035.D

Acq: 7 Aug 2019 17:35

Instrument :

BNA_G

ClientSampleId :

BENR4

Tot Ion:149 Resp: 2154341

Ion Ratio Lower Upper

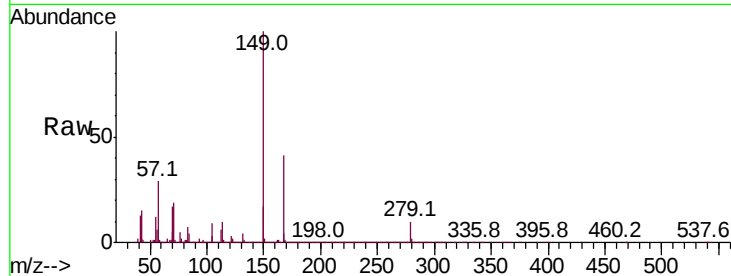
149 100

167 41.2 25.0 37.4#

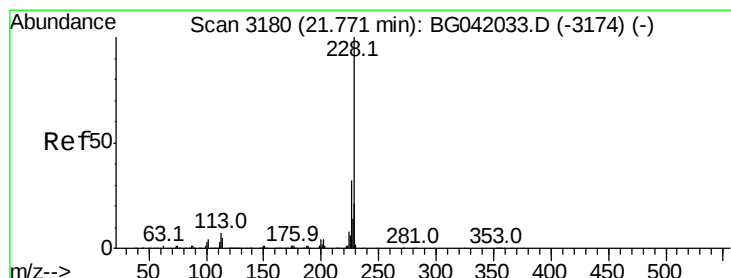
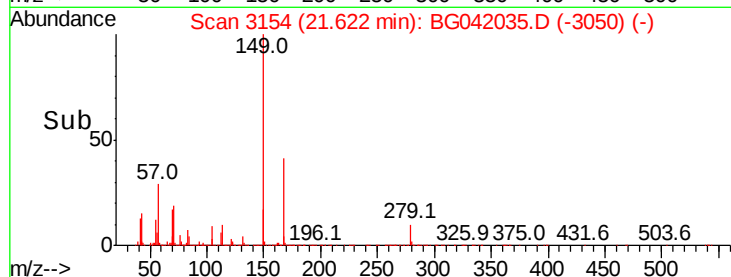
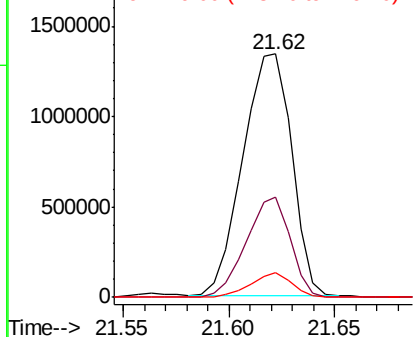
279 10.3 5.2 7.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 13.478 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042035.D

Acq: 7 Aug 2019 17:35

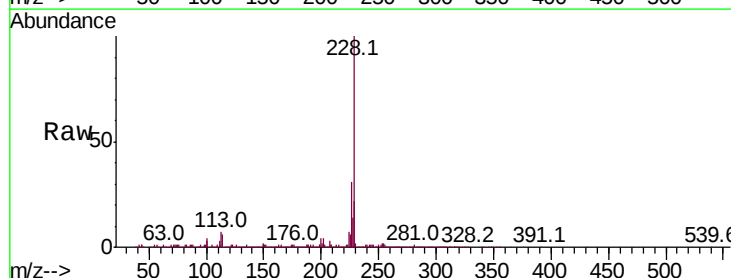
Tgt Ion:228 Resp: 389243

Ion Ratio Lower Upper

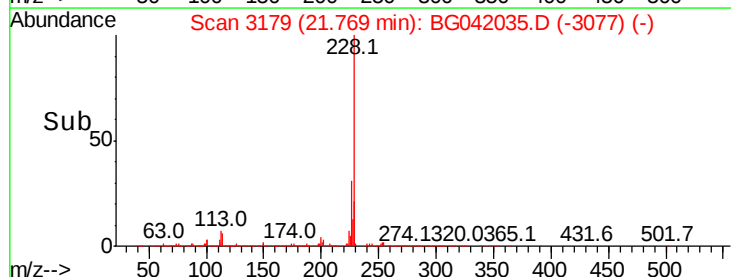
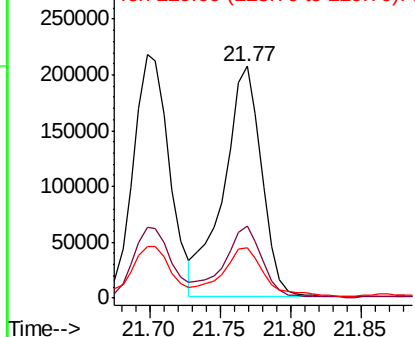
228 100

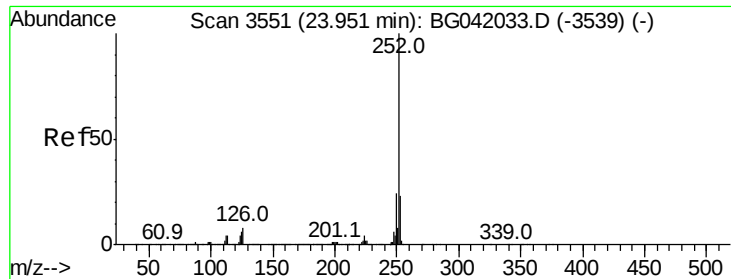
226 31.3 25.7 38.5

229 21.7 16.6 24.8



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: 11.558 ng/ul

RT: 23.95 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BG042035.D

Acq: 7 Aug 2019 17:35

Instrument :

BNA_G

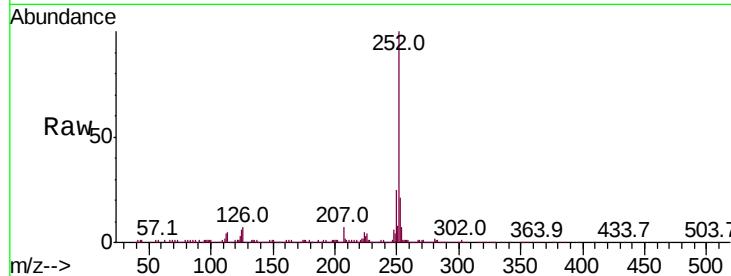
ClientSampleId :

BENR4

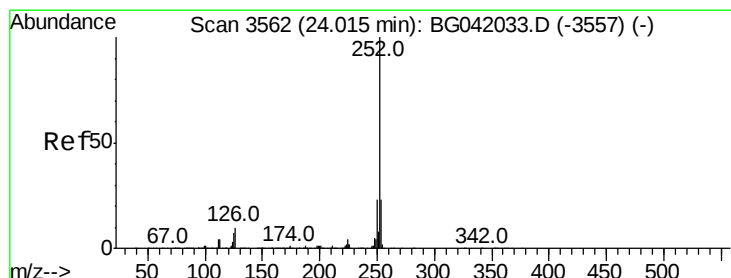
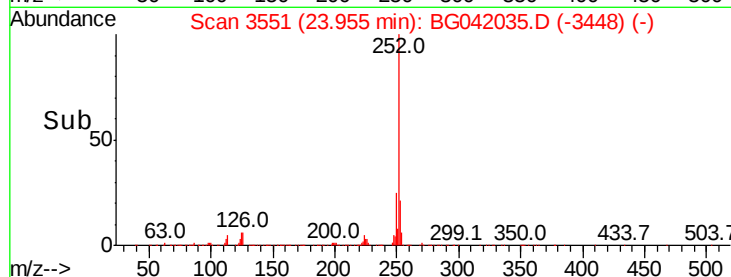
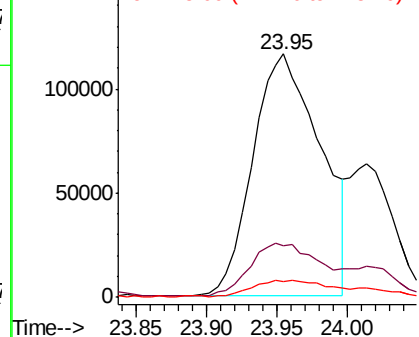
Tot Ion:	252	Resp:	388802
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.4	27.6
125	6.4	5.8	8.8

Manual Integrations
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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: 4.242 ng/ul m

RT: 24.01 min Scan# 3561

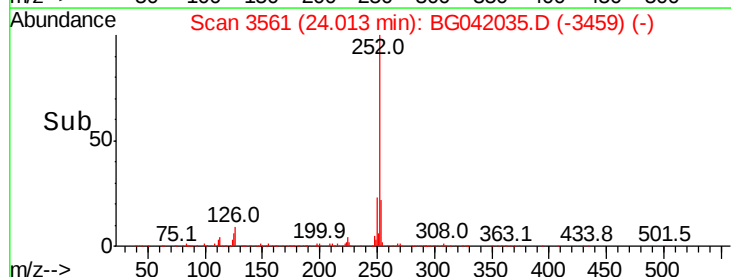
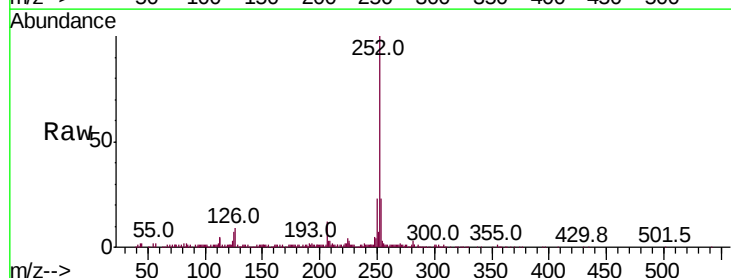
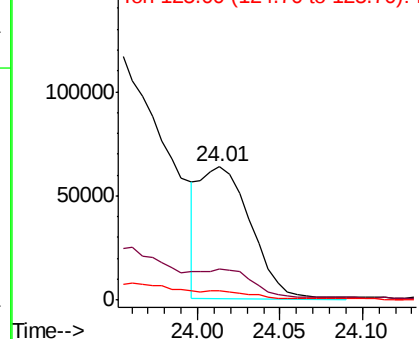
Delta R.T. -0.00 min

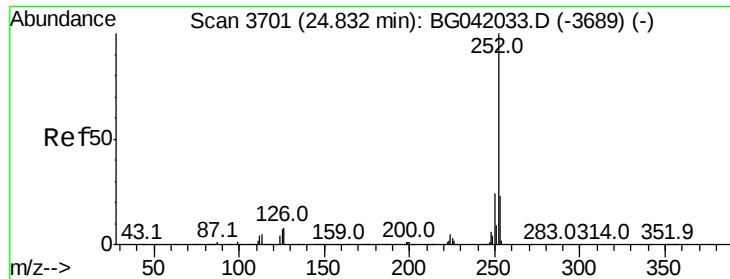
Lab File: BG042035.D

Acq: 7 Aug 2019 17:35

Tgt Ion:	252	Resp:	137214
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.3	27.5
125	7.1	5.5	8.3

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





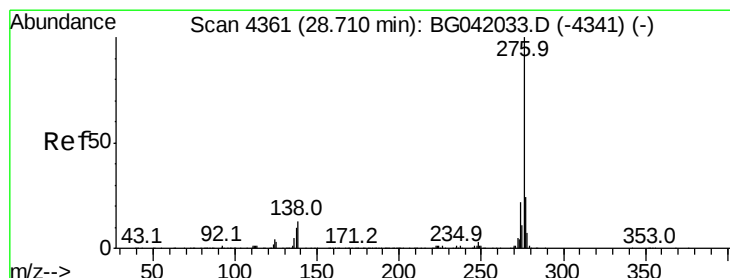
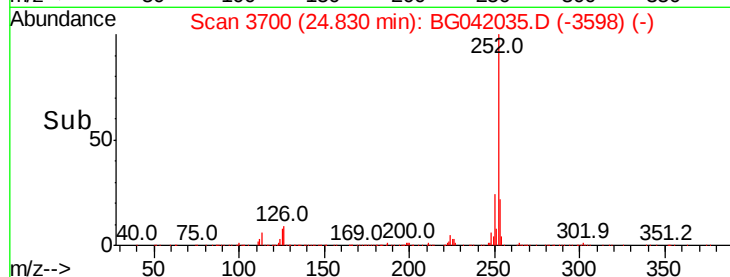
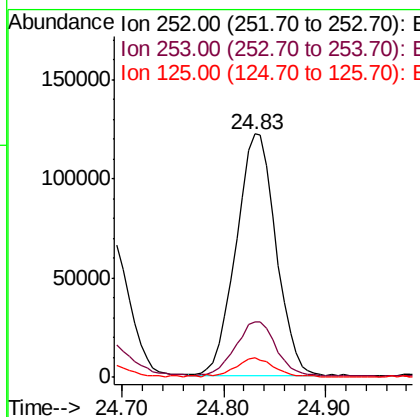
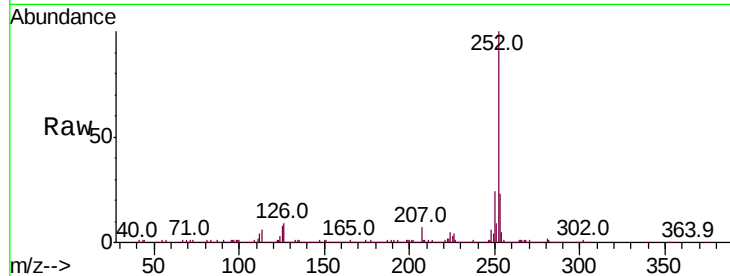
#90
Benzo(a)pyrene
Concen: 10.414 ng/ul
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG042035.D
Acq: 7 Aug 2019 17:35

Instrument :
BNA_G
ClientSampleId :
BENR4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	7.8	6.5	9.7

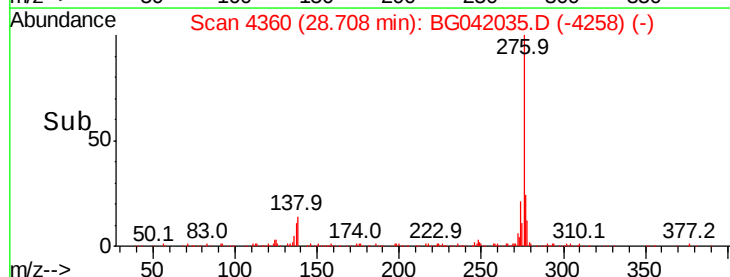
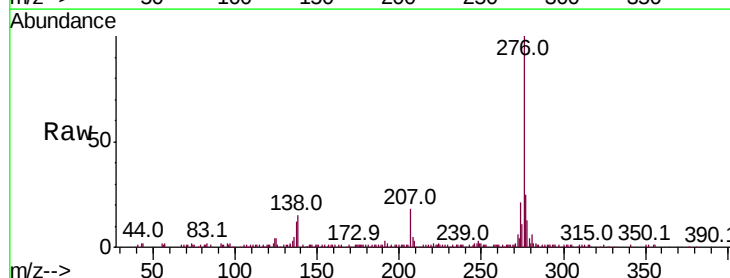
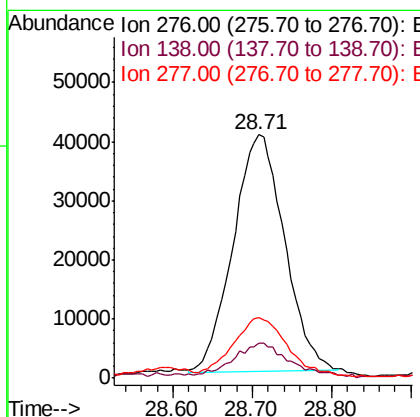
Manual Integrations
APPROVED

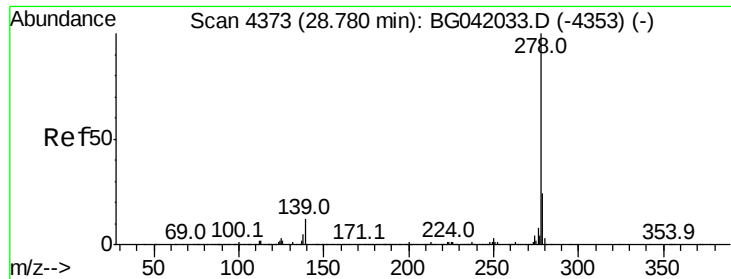
mohammad
8/9/2019 4:29:49 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 4.832 ng/ul
RT: 28.71 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042035.D
Acq: 7 Aug 2019 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.0	18.0
277	25.0	19.2	28.8





#92

Dibenzo(a,h)anthracene

Concen: 1.941 ng/ul

RT: 28.74 min Scan# 4366

Delta R.T. -0.04 min

Lab File: BG042035.D

Acq: 7 Aug 2019 17:35

Instrument :

BNA_G

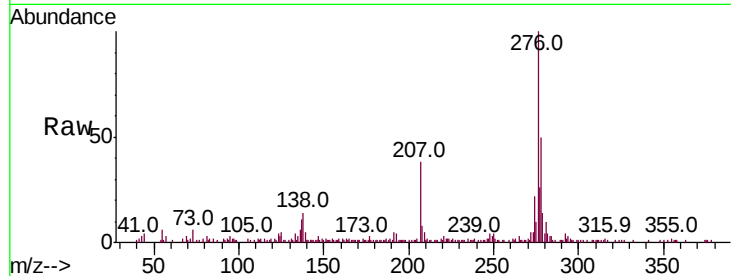
ClientSampleId :

BENR4

Tot Ion:	278	Resp:	59202
Ion Ratio	Lower	Upper	
278	100		
139	10.8	9.4	14.0
279	27.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
8/9/2019 4:29:49 PM

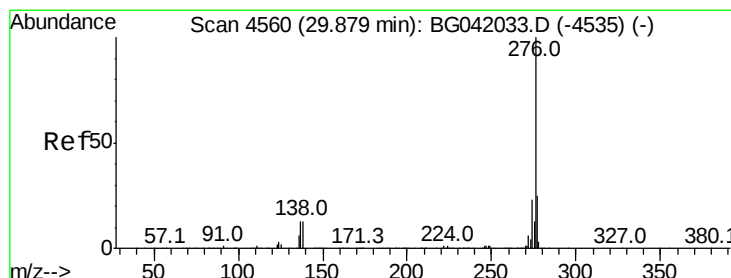
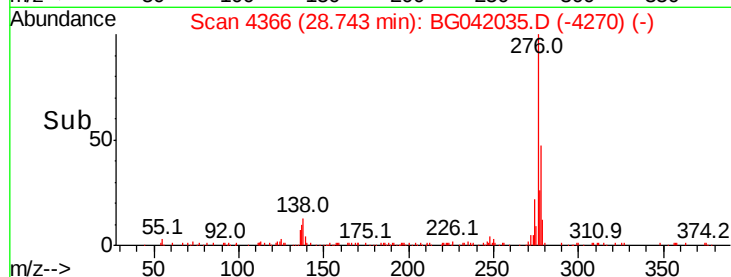
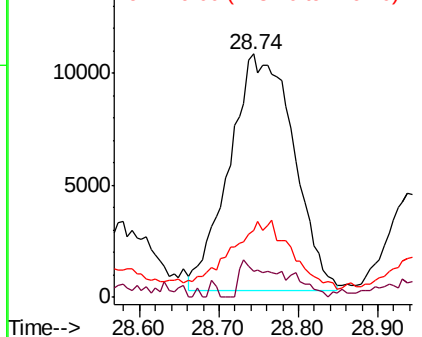


Abundance

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(g,h,i)perylene

Concen: 5.976 ng/ul

RT: 29.87 min Scan# 4558

Delta R.T. -0.01 min

Lab File: BG042035.D

Acq: 7 Aug 2019 17:35

Tgt Ion:	276	Resp:	186558
Ion Ratio	Lower	Upper	
276	100		
138	15.0	12.6	18.8
277	24.2	19.2	28.8

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

