

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042228.D
 Acq On : 15 Aug 2019 14:19
 Operator : HP/JU
 Sample : K4183-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Manual Integrations
 APPROVED

mohammad
 8/19/2019 5:31:40 PM

Quant Time: Aug 27 02:06:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	318208	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	213996	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	429757	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	427199	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	510013	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2787	1.59	ng/uL	0.00
5) Phenol-d5	7.18	99	73727	12.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	36099	10.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	68479	13.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	59696	11.78	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	32383	13.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	39913	14.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	76363	13.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	31481	5.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	226489	13.65	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	258126	13.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	26961	9.67	ng/ul	0.00
57) Fluorene-d10	15.68	176	196530	13.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	18334	6.65	ng/ul	0.00
70) Anthracene-d10	17.53	188	296748	14.39	ng/ul	0.00
78) Pyrene-d10	19.82	212	328988	13.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	370405	13.90	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.21	94	9511	1.527	ng/ul	96
44) Dimethylphthalate	14.13	163	67280	4.083	ng/ul	98
69) Phenanthrene	17.48	178	145562	6.187	ng/ul	99
71) Anthracene	17.57	178	30152	1.264	ng/ul	97
74) Carbazole	17.84	167	20999	1.062	ng/ul#	97
76) Fluoranthene	19.49	202	354517	13.041	ng/ul	97
79) Pyrene	19.85	202	321235	11.179	ng/ul	96
82) Benzo(a)anthracene	21.70	228	175834	5.936	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.61	149	19714	1.277	ng/ul#	93
84) Chrysene	21.77	228	198554	7.182	ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	300791	9.398	ng/ul#	91
88) Benzo(k)fluoranthene	24.03	252	127087m	4.130	ng/ul	
90) Benzo(a)pyrene	24.85	252	196346	6.438	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	28.75	276	129598	3.643	ng/ul	94
93) Benzo(g,h,i)perylene	29.92	276	111183m	3.743	ng/ul	

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

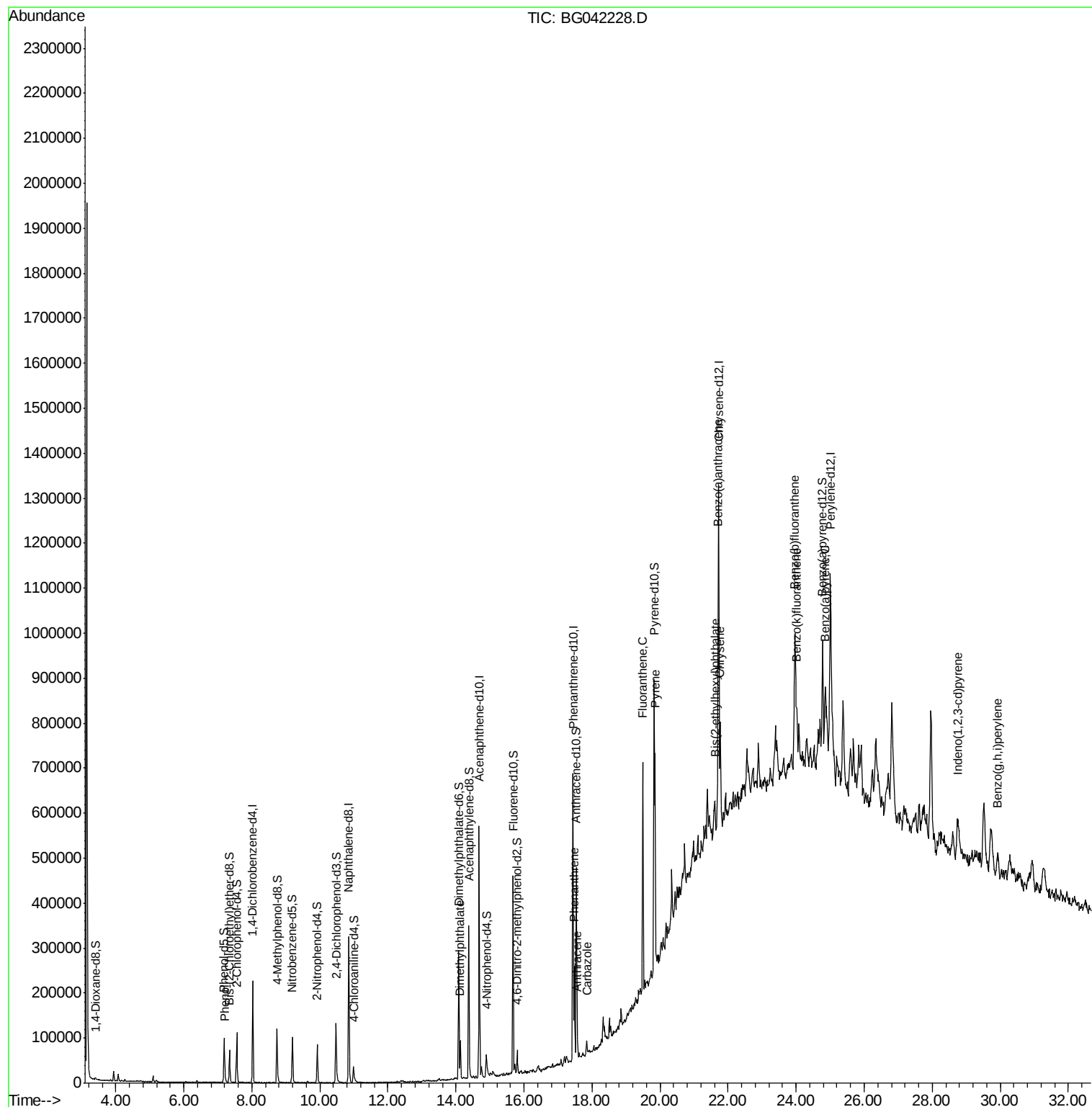
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
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ALS Vial : 11 Sample Multiplier: 1

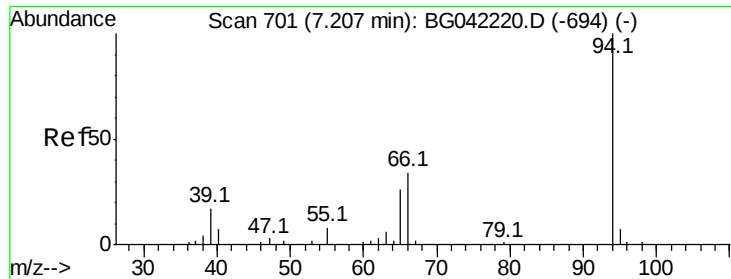
Instrument :
BNA_G
ClientSampled :
C0AF4

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.527 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4

Tot Ion: 94 Resp: 9511

Ion Ratio Lower Upper

94 100

65 29.3 25.8 38.6

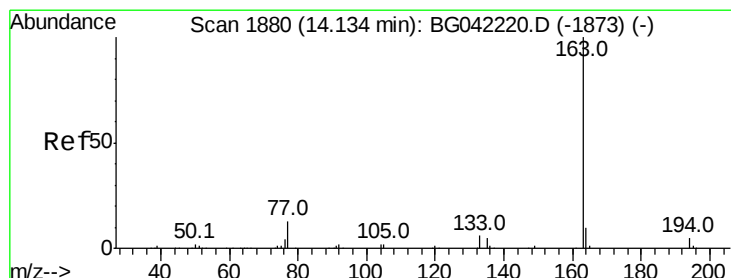
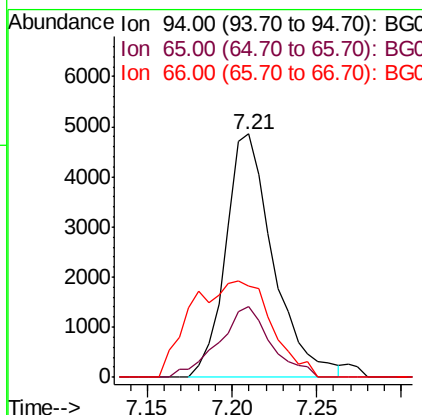
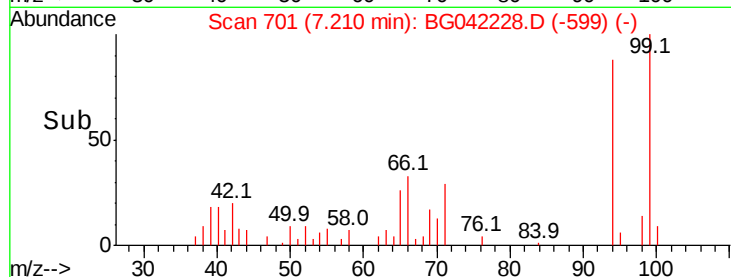
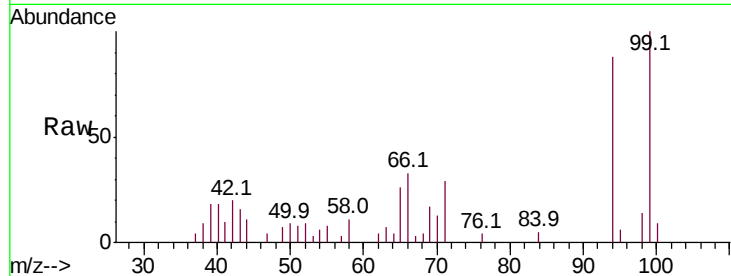
66 37.5 31.8 47.8

Manual Integrations

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#44

Dimethylphthalate

Concen: 4.083 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

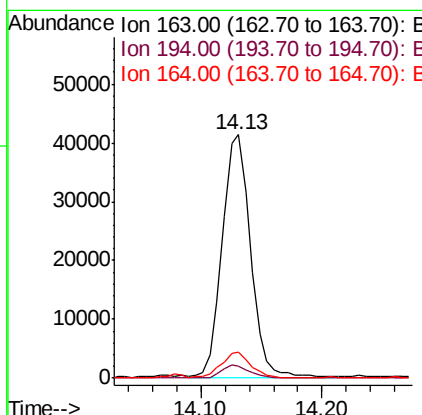
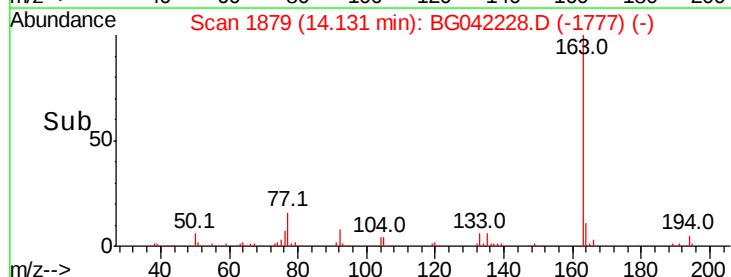
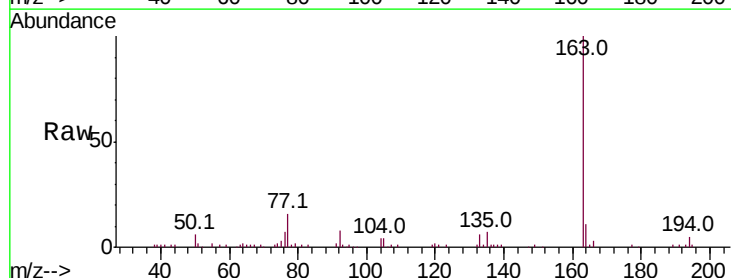
Tgt Ion:163 Resp: 67280

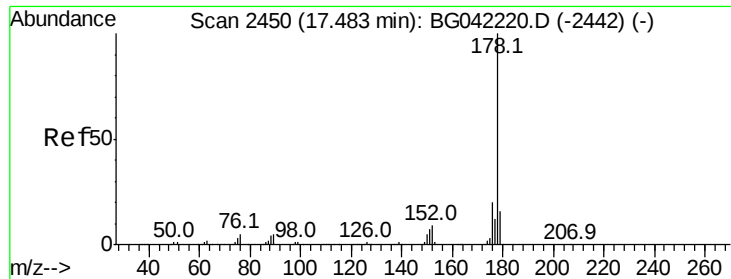
Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

164 10.9 7.8 11.8





#69

Phenanthrene

Concen: 6.187 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

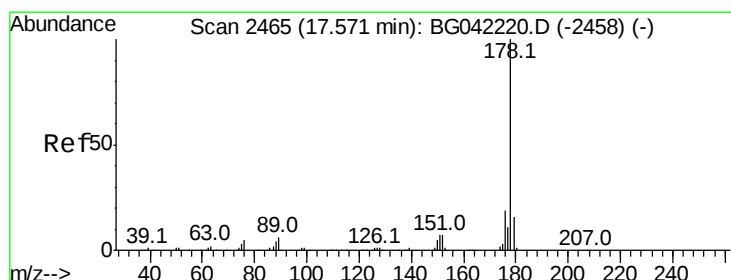
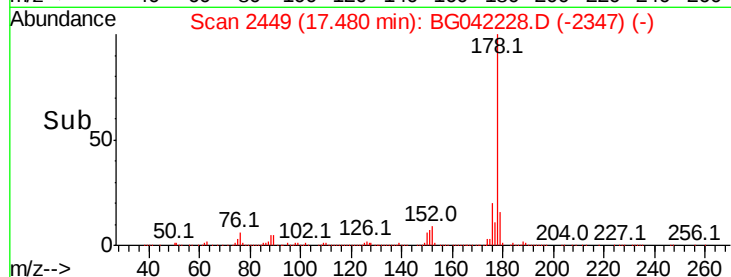
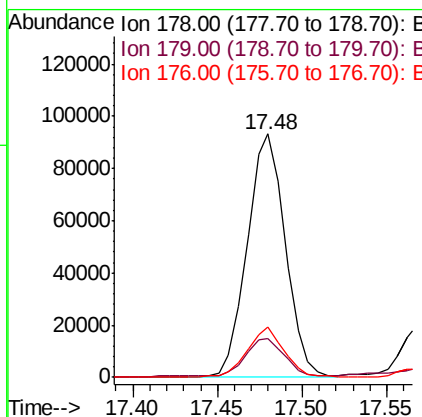
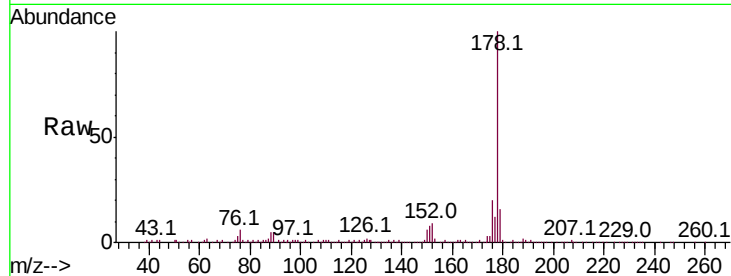
ClientSampleId :

C0AF4

Tot Ion:178	Resp:	145562
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.8 19.2
176	20.4	15.4 23.2

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#71

Anthracene

Concen: 1.264 ng/ul

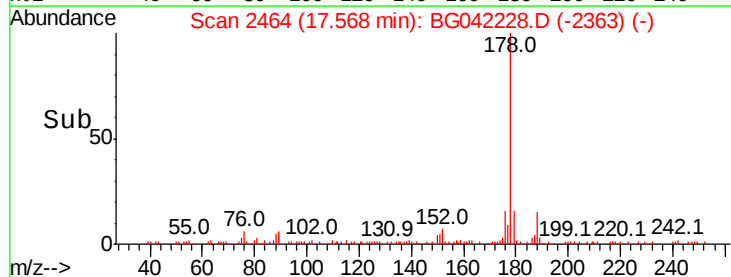
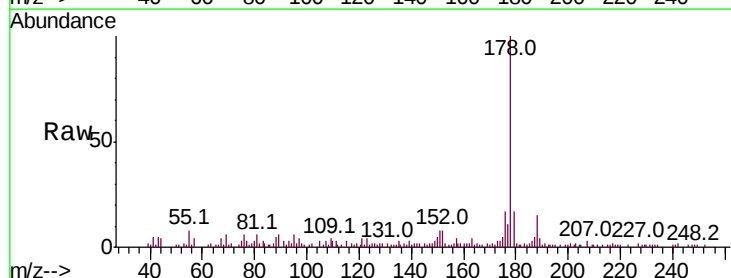
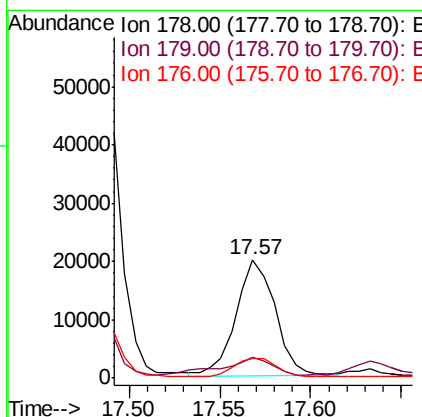
RT: 17.57 min Scan# 2464

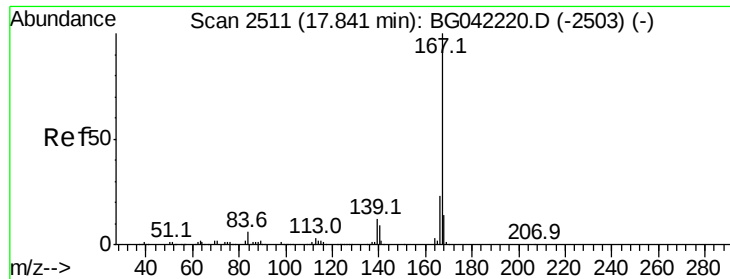
Delta R.T. -0.01 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Tgt Ion:178	Resp:	30152
Ion Ratio	Lower	Upper
178	100	
179	17.3	13.4 20.0
176	17.0	15.4 23.2





#74

Carbazole

Concen: 1.062 ng/ul

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

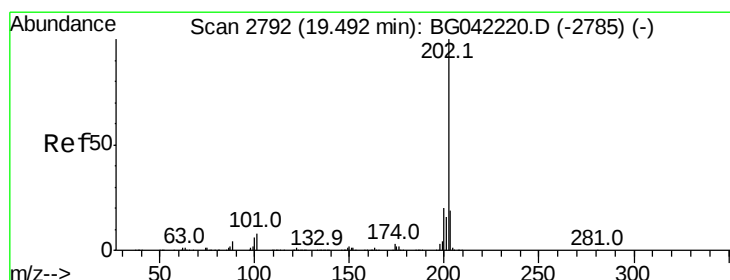
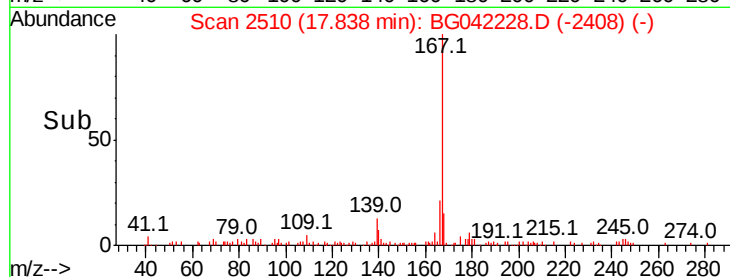
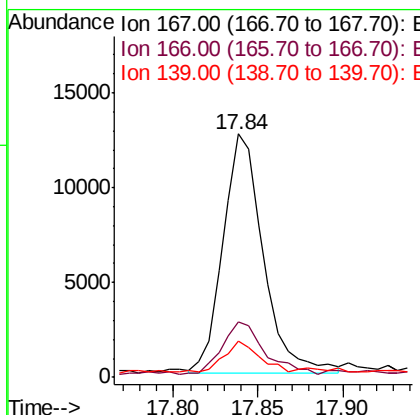
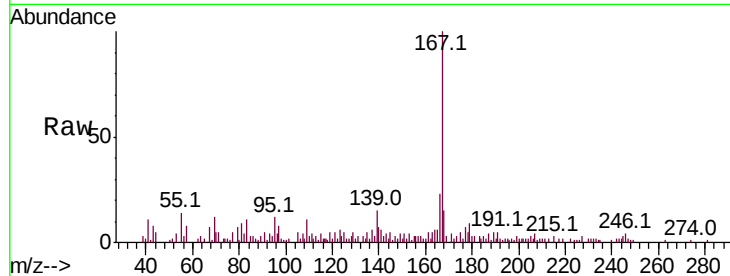
ClientSampleId :

C0AF4

Tot Ion:	167	Resp:	20999
Ion Ratio	Lower	Upper	
167	100		
166	22.9	18.2	27.4
139	15.0	9.6	14.4#

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#76

Fluoranthene

Concen: 13.041 ng/ul

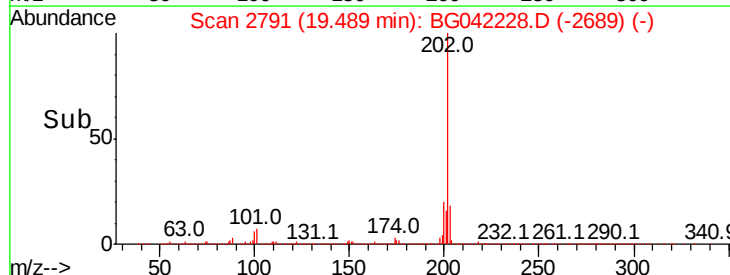
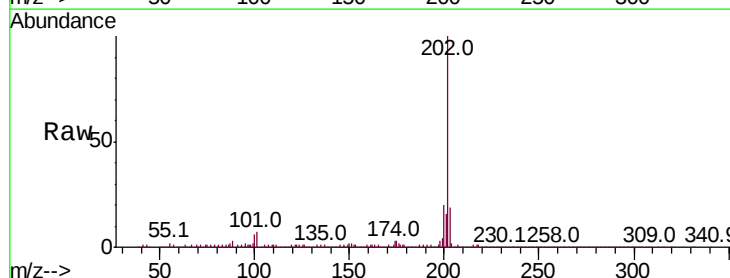
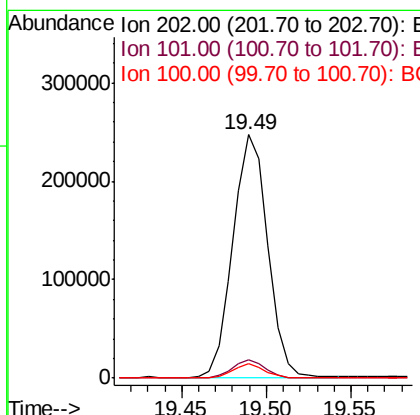
RT: 19.49 min Scan# 2791

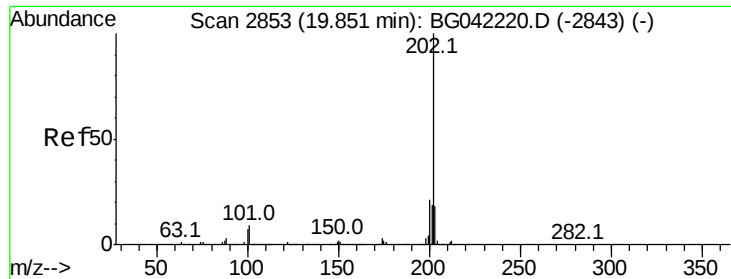
Delta R.T. 0.00 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Tgt Ion:	202	Resp:	354517
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.7	10.1
100	5.7	5.3	7.9





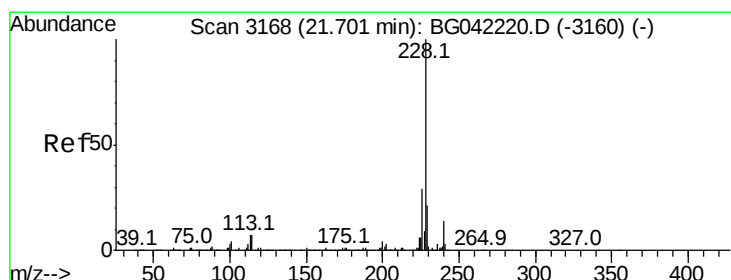
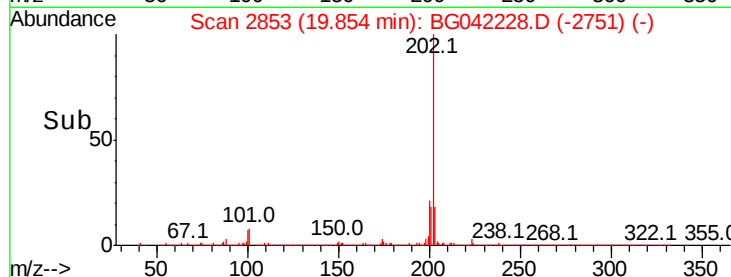
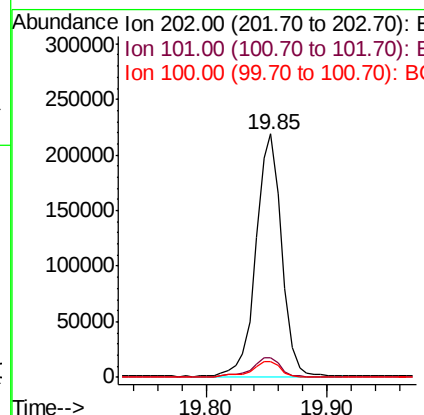
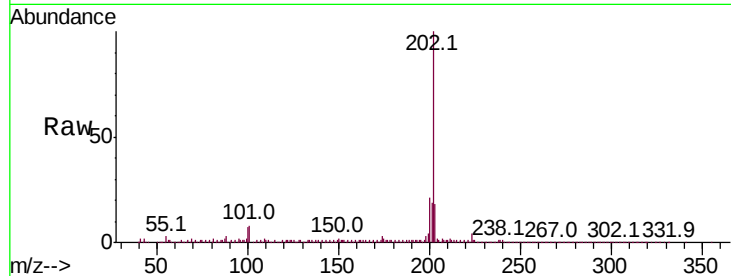
#79
Pvrene
Concen: 11.179 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG042228.D
Acq: 15 Aug 2019 14:19

Instrument :
BNA_G
ClientSampled :
C0AF4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	7.6	11.4
100	6.7	6.5	9.7

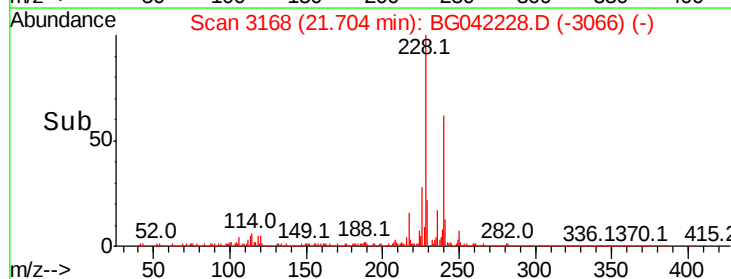
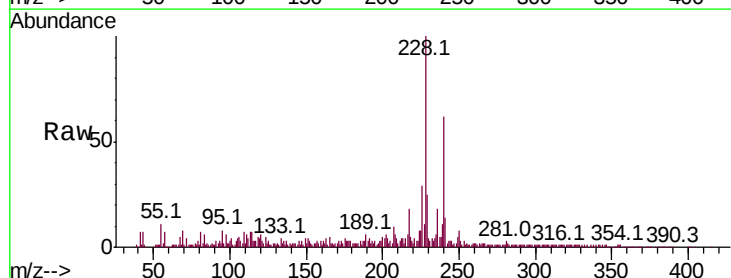
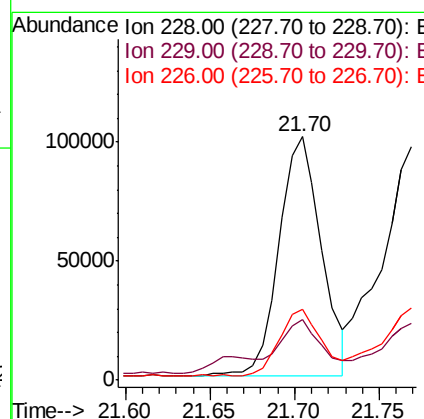
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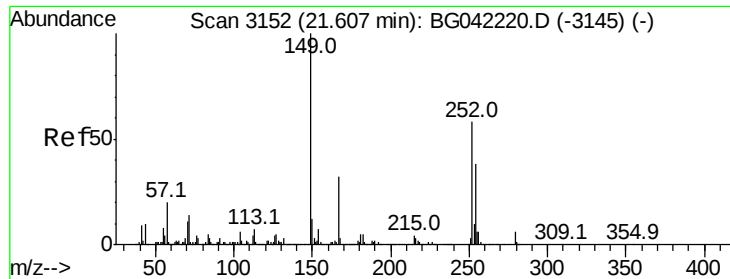
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#82
Benzo(a)anthracene
Concen: 5.936 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042228.D
Acq: 15 Aug 2019 14:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.8	17.0	25.6
226	29.2	23.3	34.9





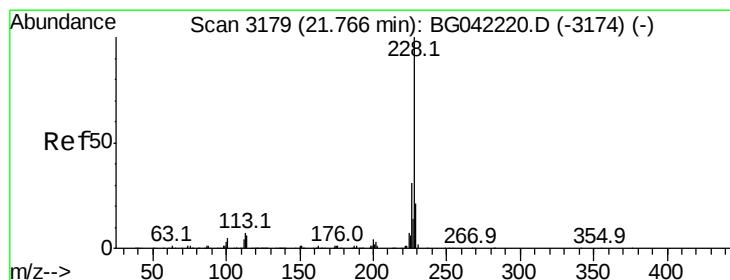
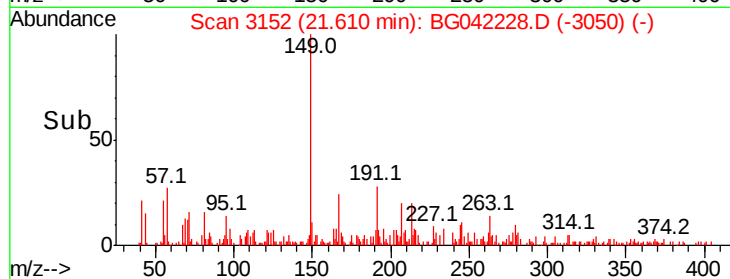
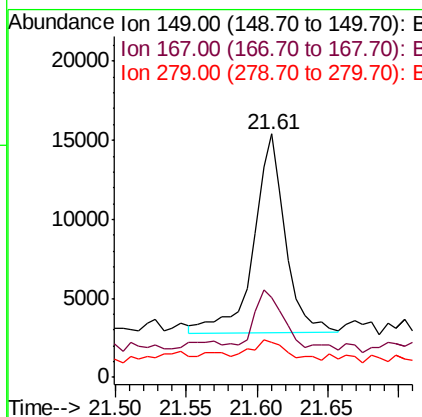
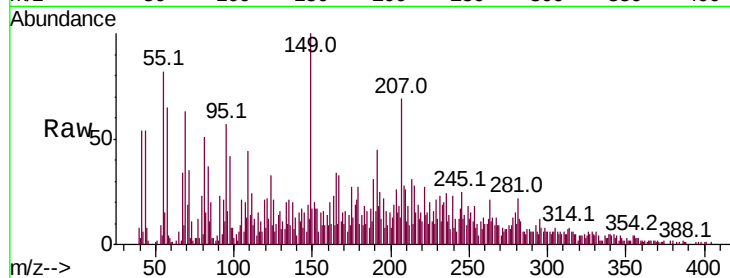
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.277 ng/ul
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG042228.D
 Acq: 15 Aug 2019 14:19

Instrument :
 BNA_G
 ClientSampleId :
 C0AF4

Tot Ion	Ratio	Lower	Upper
149	100		
167	33.0	25.0	37.4
279	14.5	5.2	7.8

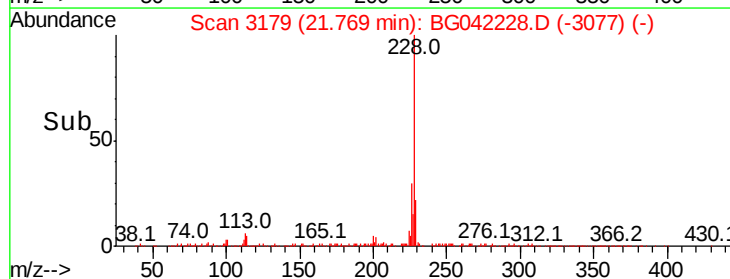
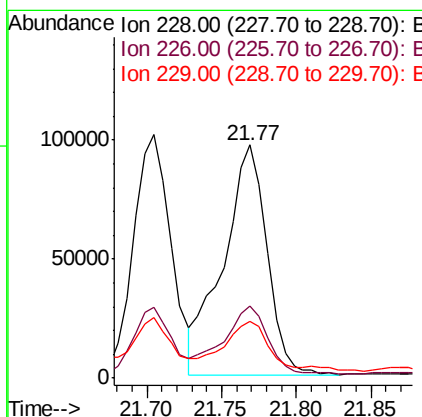
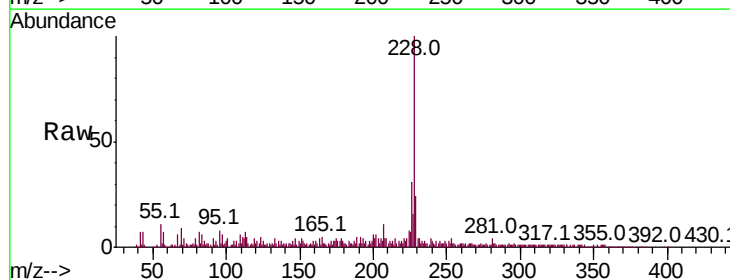
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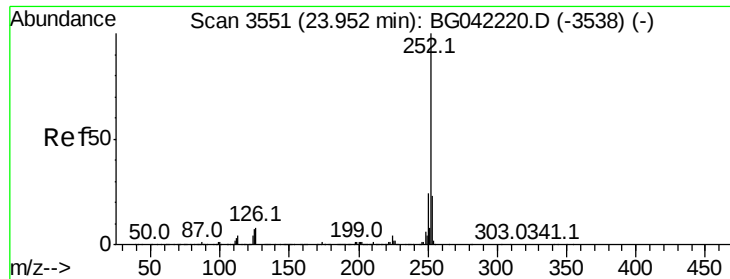
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#84
 Chrysene
 Concen: 7.182 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG042228.D
 Acq: 15 Aug 2019 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	24.4	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 9.398 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

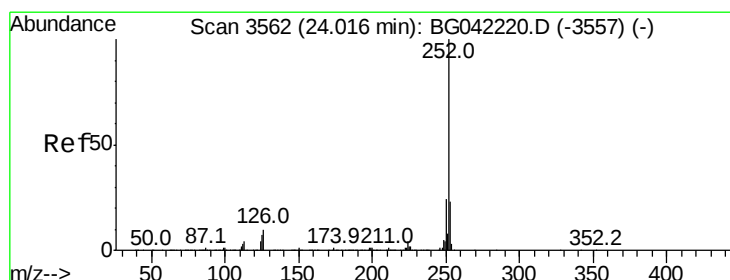
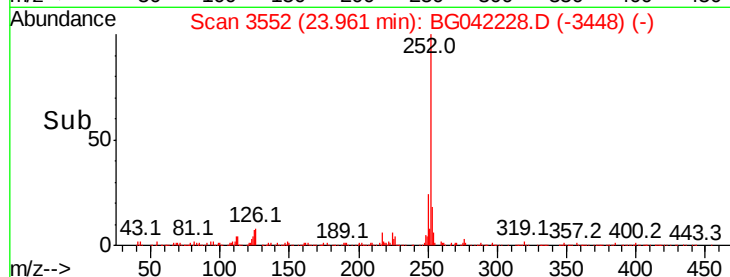
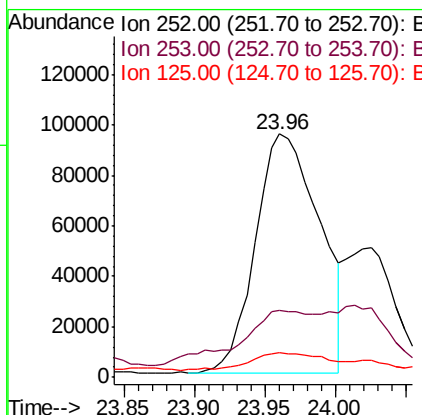
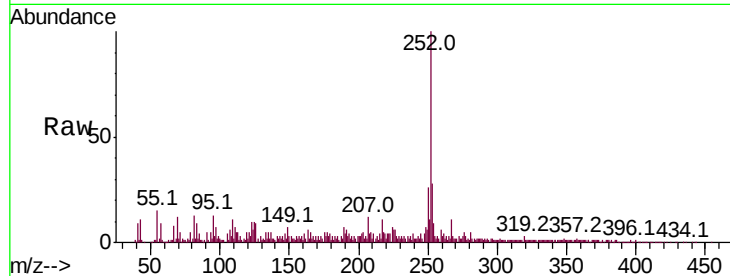
ClientSampleId :

C0AF4

Tot Ion:	252	Resp:	300791
Ion Ratio	Lower	Upper	
252	100		
253	27.7	18.4	27.6#
125	9.9	5.8	8.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.130 ng/ul m

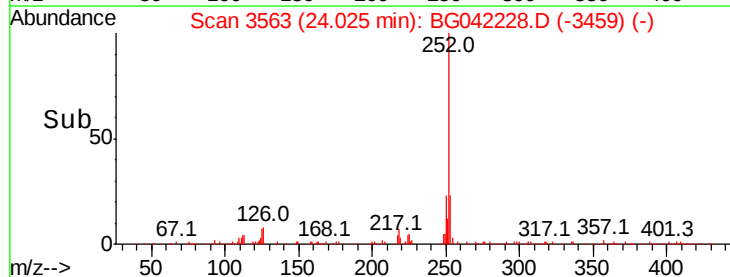
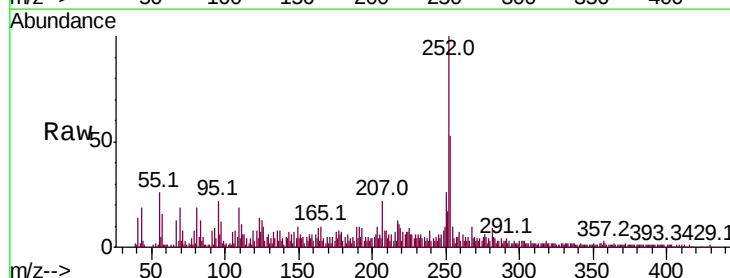
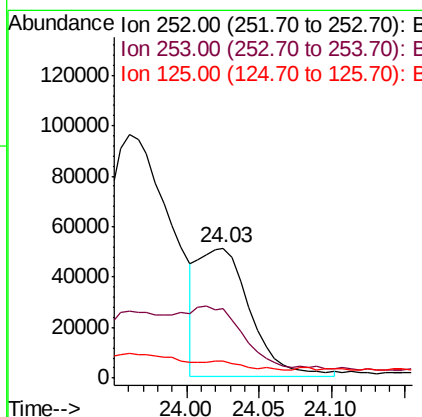
RT: 24.03 min Scan# 3563

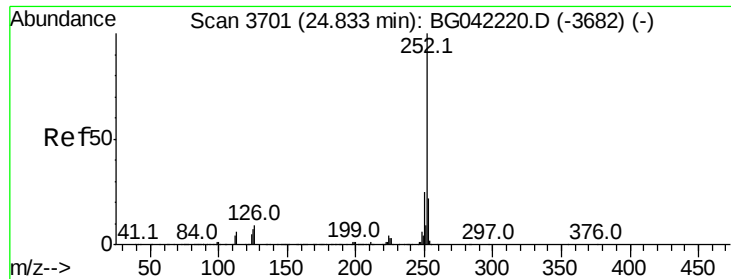
Delta R.T. 0.01 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Tgt Ion:	252	Resp:	127087
Ion Ratio	Lower	Upper	
252	100		
253	53.5	18.3	27.5#
125	13.1	5.5	8.3#





#90

Benzo(a)pyrene

Concen: 6.438 ng/ul

RT: 24.85 min Scan# 3703

Delta R.T. 0.01 min

Lab File: BG042228.D

Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

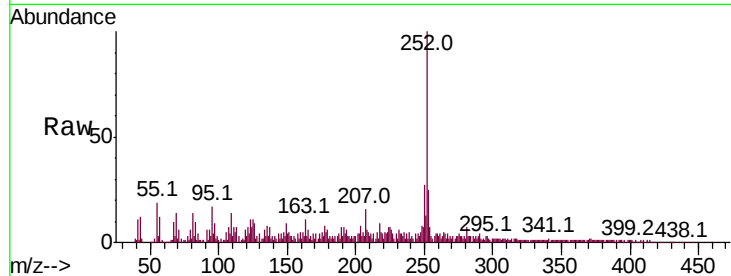
ClientSampleId :

C0AF4

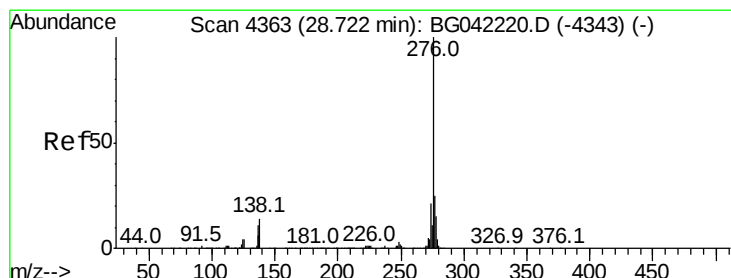
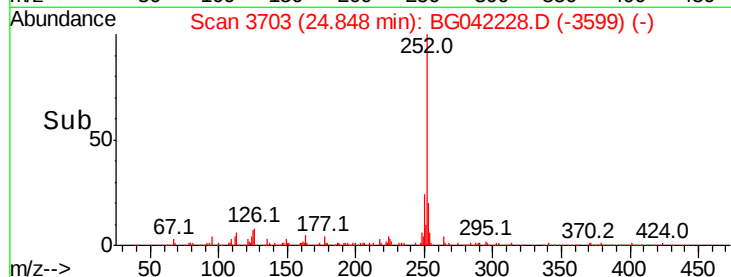
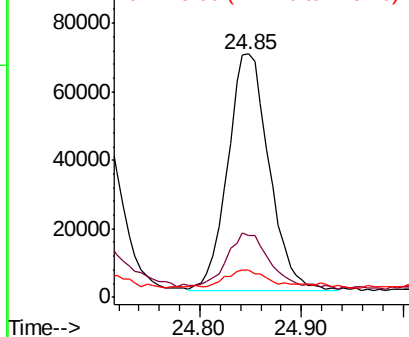
Tot Ion:	252	Resp:	196346
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.3	27.5
125	11.2	6.5	9.7#

Manual Integrations
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mohammad
8/19/2019 5:31:40 PM



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.643 ng/ul

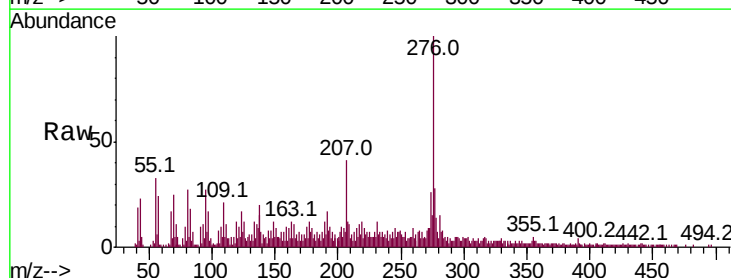
RT: 28.75 min Scan# 4368

Delta R.T. 0.04 min

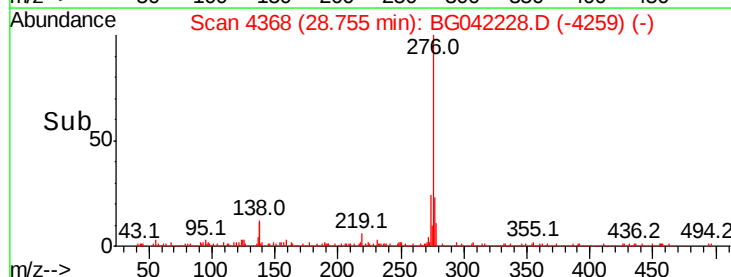
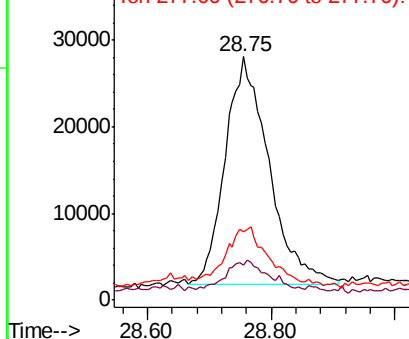
Lab File: BG042228.D

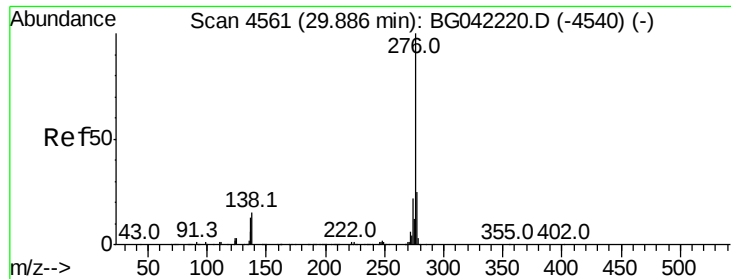
Acq: 15 Aug 2019 14:19

Tgt Ion:	276	Resp:	129598
Ion Ratio	Lower	Upper	
276	100		
138	14.5	12.0	18.0
277	28.2	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





#93

Benzo(a,h,i)perylene

Concen: 3.743 ng/ul m

RT: 29.92 min Scan# 4567

Delta R.T. 0.05 min

Lab File: BG042228.D

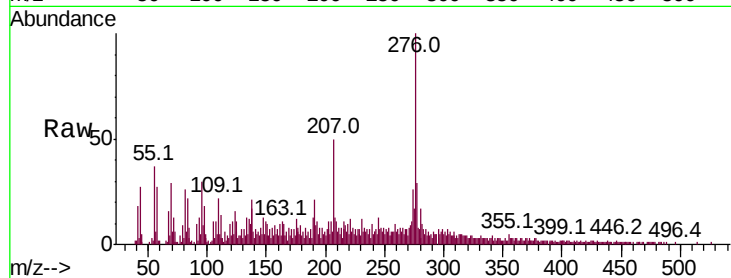
Acq: 15 Aug 2019 14:19

Instrument :

BNA_G

ClientSampleId :

C0AF4



Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.6	18.8
277	29.0	19.2	28.8#

Manual Integrations
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