

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042042.D
 Acq On : 7 Aug 2019 22:04
 Operator : HP/JU
 Sample : K4028-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW3

Manual Integrations
 APPROVED

mohammad
 8/9/2019 4:30:24 PM

Quant Time: Aug 08 03:46:30 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	80933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	333399	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	235697	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	510162	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	494995	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	583181	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4497	2.43	ng/uL	0.00
5) Phenol-d5	7.17	99	91627	14.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	53194	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	89824	16.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	64657	12.13	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	45064	17.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	54888	18.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	100792	17.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	105524	16.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	351500	19.23	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	398259	19.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	30186m	9.83	ng/ul	0.00
57) Fluorene-d10	15.68	176	311061	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	38891	11.88	ng/ul	0.00
70) Anthracene-d10	17.54	188	494560	20.21	ng/ul	0.00
78) Pyrene-d10	19.82	212	579283	20.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	648339	21.28	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.13	163	139259	7.673	ng/ul	99
76) Fluoranthene	19.49	202	65169	2.020	ng/ul	98
79) Pyrene	19.85	202	60407	1.814	ng/ul	97
82) Benzo(a)anthracene	21.70	228	38639	1.126	ng/ul	99
84) Chrysene	21.76	228	37662	1.176	ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	47873	1.308	ng/ul	99
90) Benzo(a)pyrene	24.83	252	38315	1.099	ng/ul#	94

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

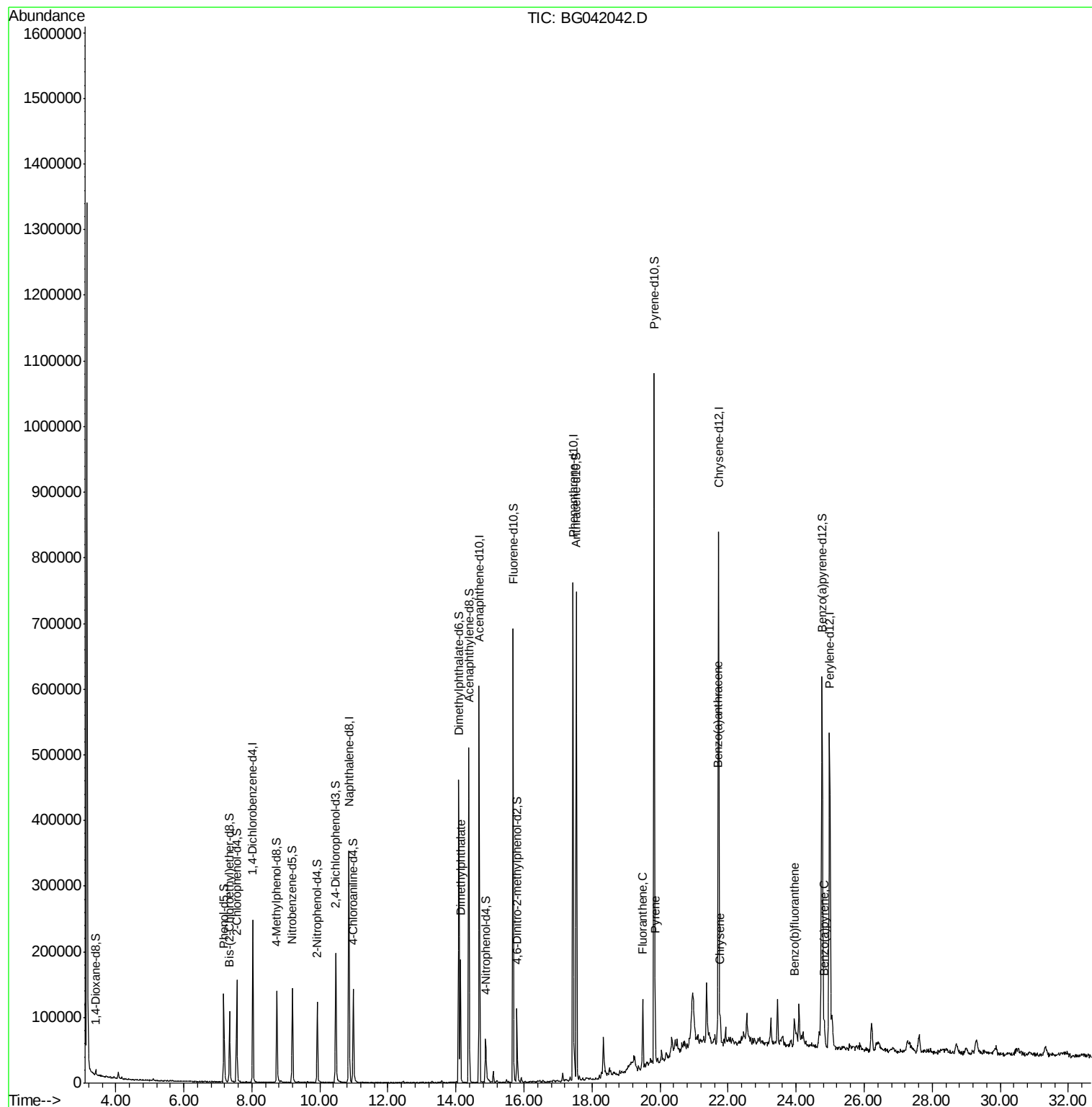
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
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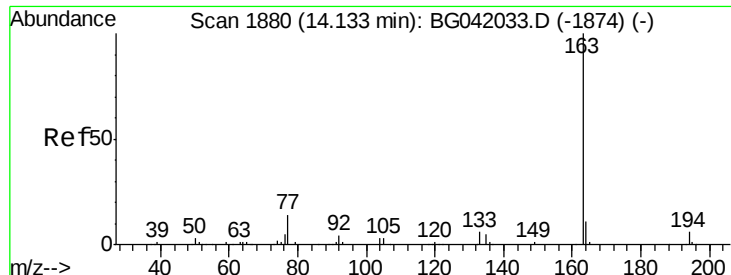
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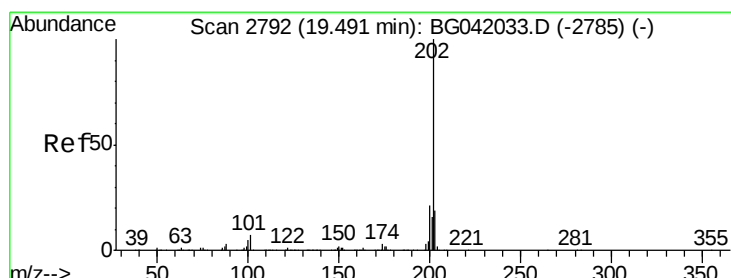
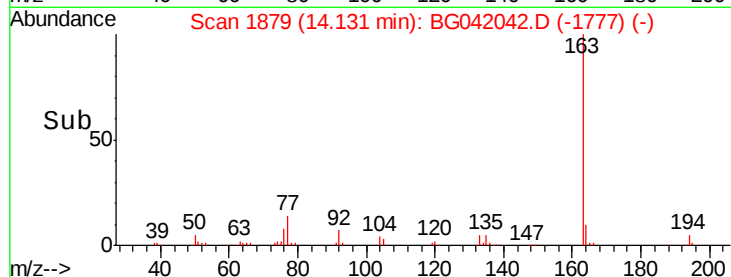
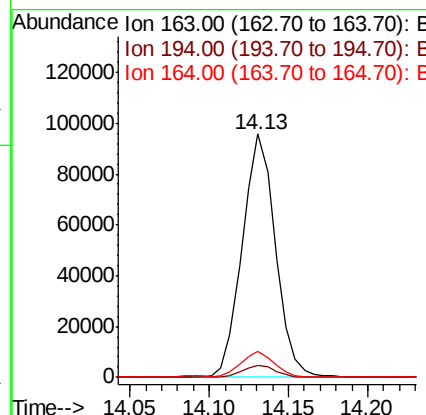
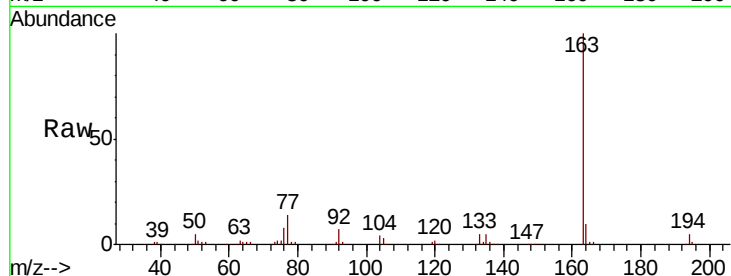
#44
Dimethylphthalate
Concen: 7.673 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042042.D
Acq: 7 Aug 2019 22:04

Instrument :
BNA_G
ClientSampleId :
BENW3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	5.2		4.2	6.2	
164	10.5		7.8	11.8	

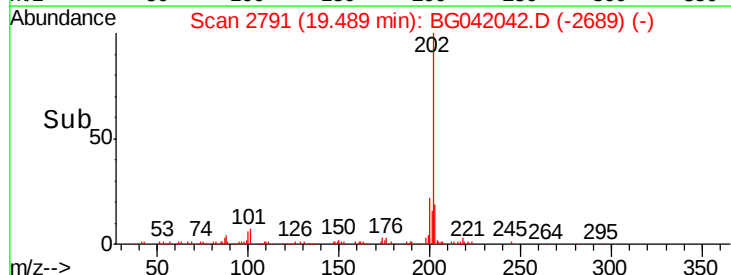
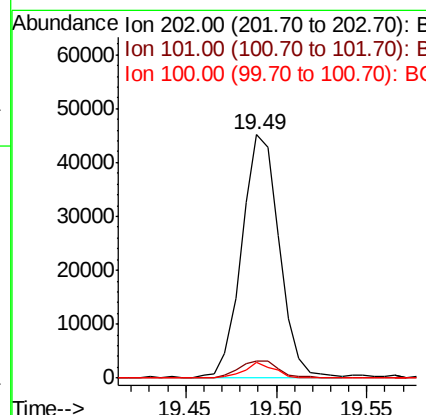
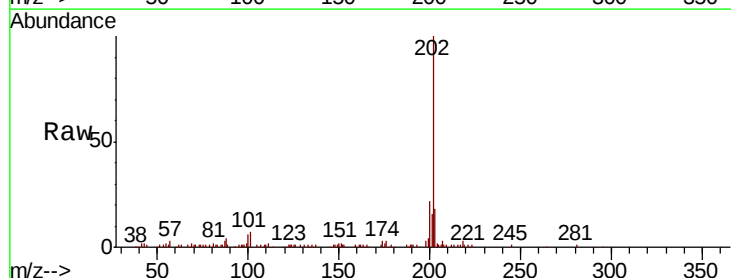
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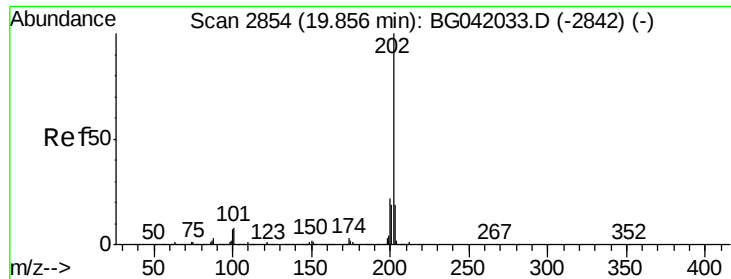
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#76
Fluoranthene
Concen: 2.020 ng/ul
RT: 19.49 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG042042.D
Acq: 7 Aug 2019 22:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.1		6.7	10.1	
100	6.3		5.3	7.9	





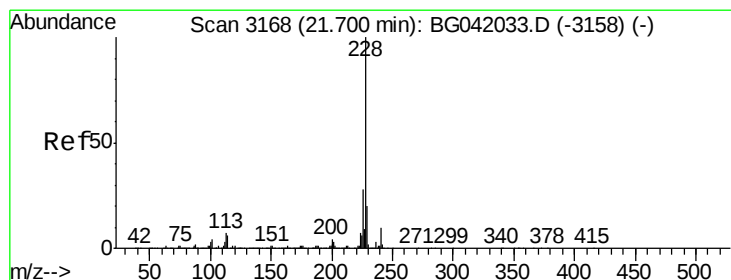
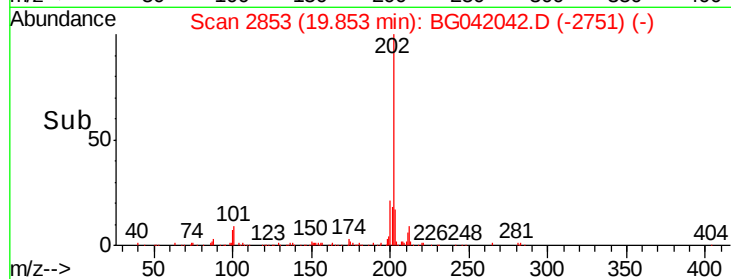
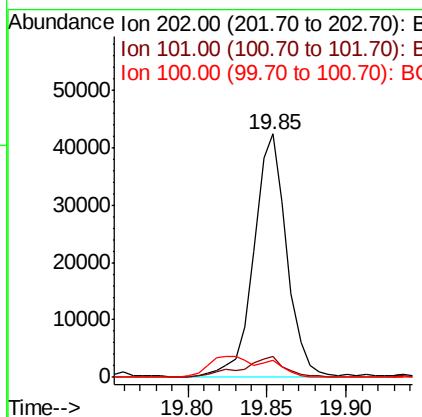
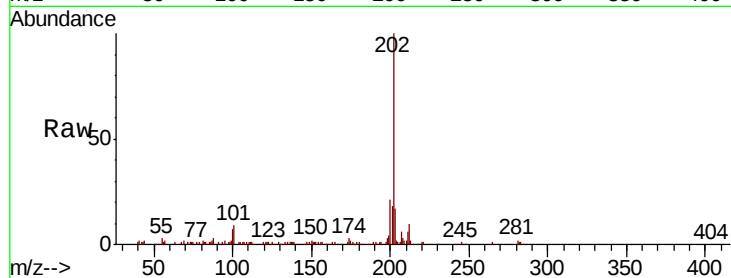
#79
Pvrene
Concen: 1.814 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042042.D
Acq: 7 Aug 2019 22:04

Instrument :
BNA_G
ClientSampleId :
BENW3

Tot Ion:	202	Resp:	60407
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.6	11.4
100	6.9	6.5	9.7

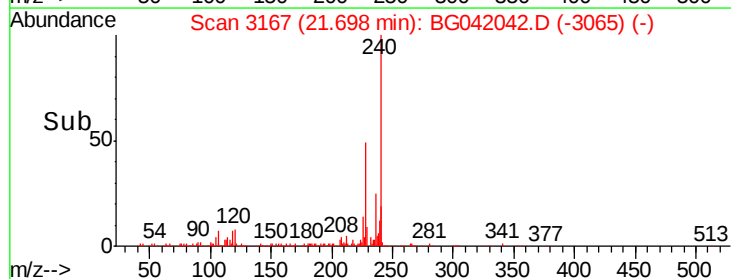
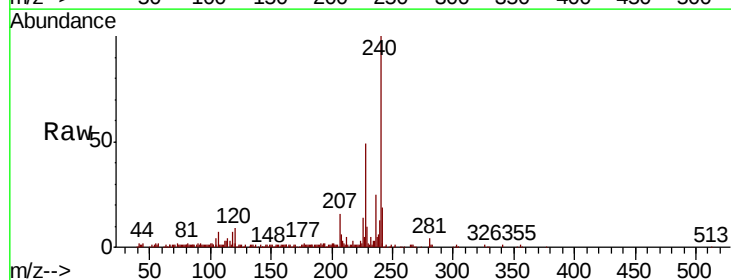
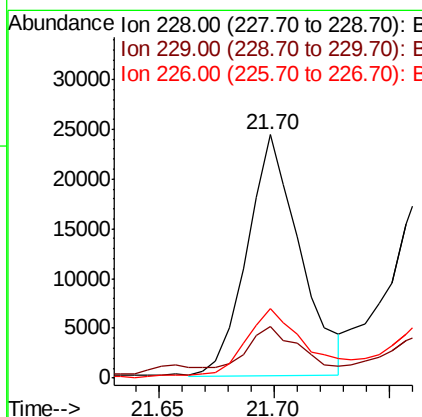
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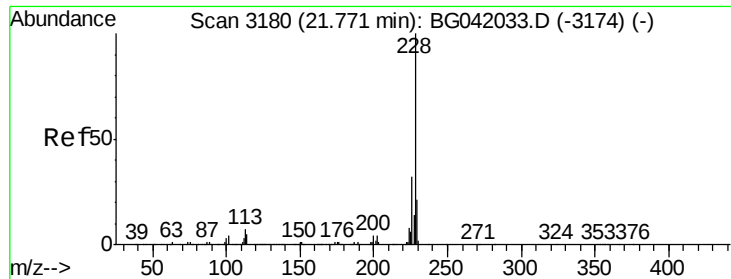
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#82
Benzo(a)anthracene
Concen: 1.126 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042042.D
Acq: 7 Aug 2019 22:04

Tgt Ion:	228	Resp:	38639
Ion Ratio	Lower	Upper	
228	100		
229	21.1	17.0	25.6
226	28.5	23.3	34.9





#84

Chrysene

Concen: 1.176 ng/ul

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

Instrument :

BNA_G

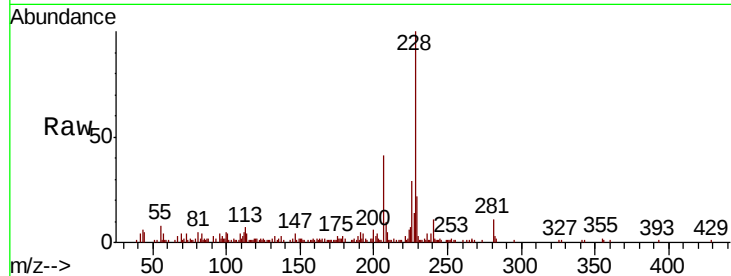
ClientSampled :

BENW3

Tot Ion:	228	Resp:	37662
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.7	38.5
229	22.4	16.6	24.8

Manual Integrations
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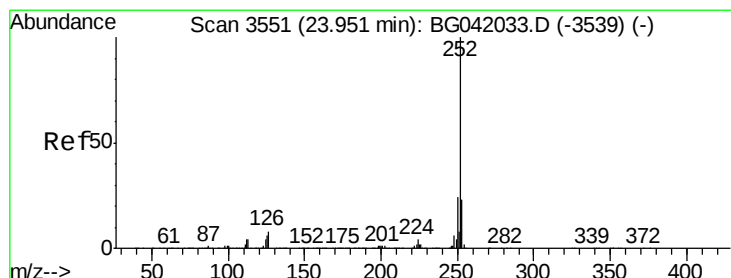
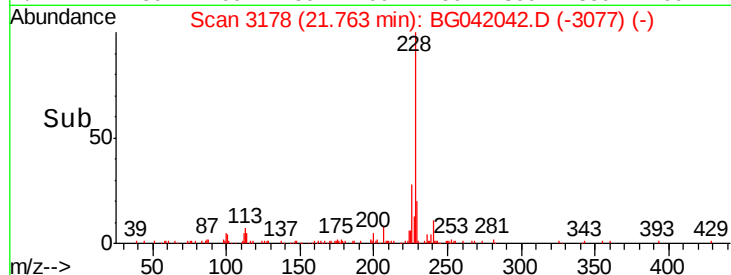
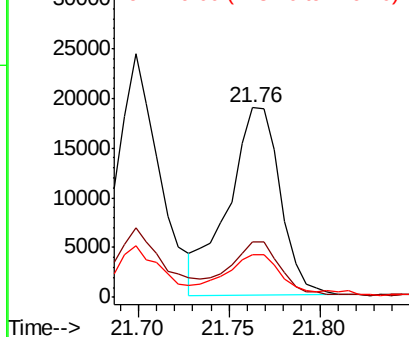


Abundance

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: 1.308 ng/ul

RT: 23.96 min Scan# 3552

Delta R.T. 0.01 min

Lab File: BG042042.D

Acq: 7 Aug 2019 22:04

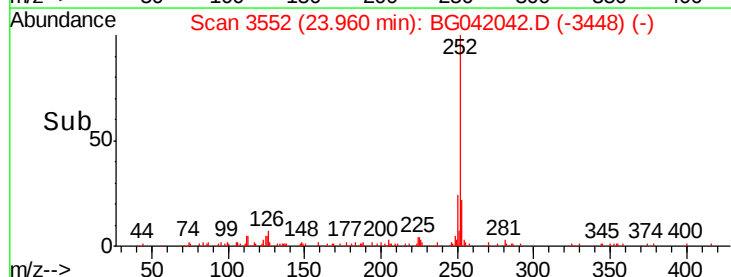
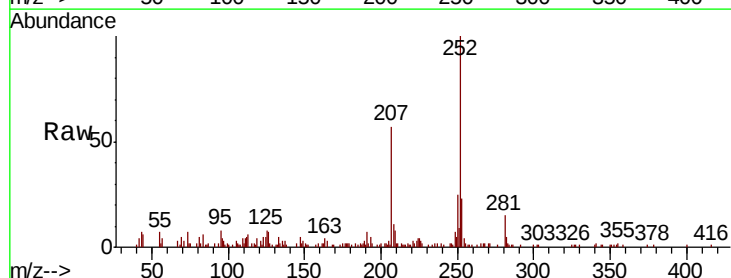
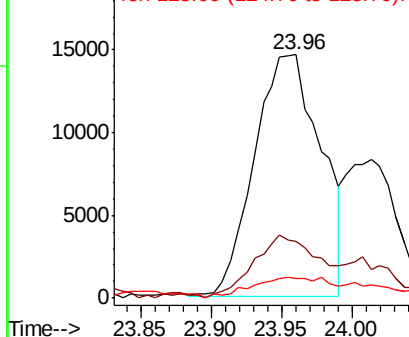
Tgt Ion:	252	Resp:	47873
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.4	27.6
125	8.1	5.8	8.8

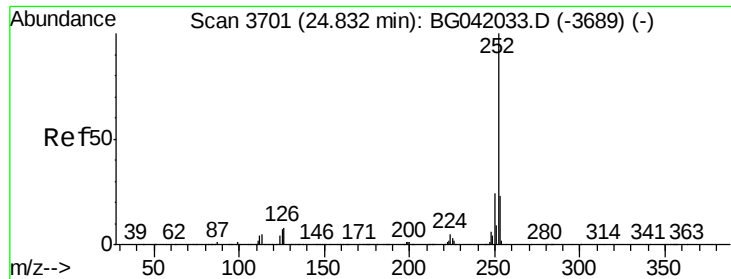
Abundance

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





#90
 Benzo(a)pyrene
 Concen: 1.099 ng/ul
 RT: 24.83 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BG042042.D
 Acq: 7 Aug 2019 22:04

Instrument :
 BNA_G
 ClientSampleId :
 BENW3

Tot Ion:	252	Resp:	38315
Ion Ratio	Lower	Upper	
252	100		
253	20.0	18.3	27.5
125	5.6	6.5	9.7#

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