

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046371.D
 Acq On : 20 Aug 2020 9:06
 Operator : CG/JU
 Sample : L3633-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMA7

Manual Integrations
 APPROVED

mohammad
 8/20/2020 12:23:48 PM

Quant Time: Aug 20 11:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 04:05:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	90140	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	369752	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	249334	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	567315	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	579895	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	603477	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	49730	7.81	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	203877	8.89	ng/ul	0.00
10) Fluorene-d10	15.56	176	149997	8.53	ng/ul	0.00
15) Anthracene-d10	17.41	188	232781	8.85	ng/ul	0.00
19) Pyrene-d10	19.69	212	266672	8.93	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	269400	8.18	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	122996	3.941	ng/ul	99
17) Fluoranthene	19.36	202	186944	5.372	ng/ul	98
20) Pyrene	19.72	202	160183	4.208	ng/ul	97
21) Benzo(a)anthracene	21.54	228	83215	2.206	ng/ul	98
22) Chrysene	21.60	228	83995	2.303	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	102177	2.560	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	40821m	1.031	ng/ul	
27) Benzo(a)pyrene	24.51	252	62312	1.701	ng/ul	97

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

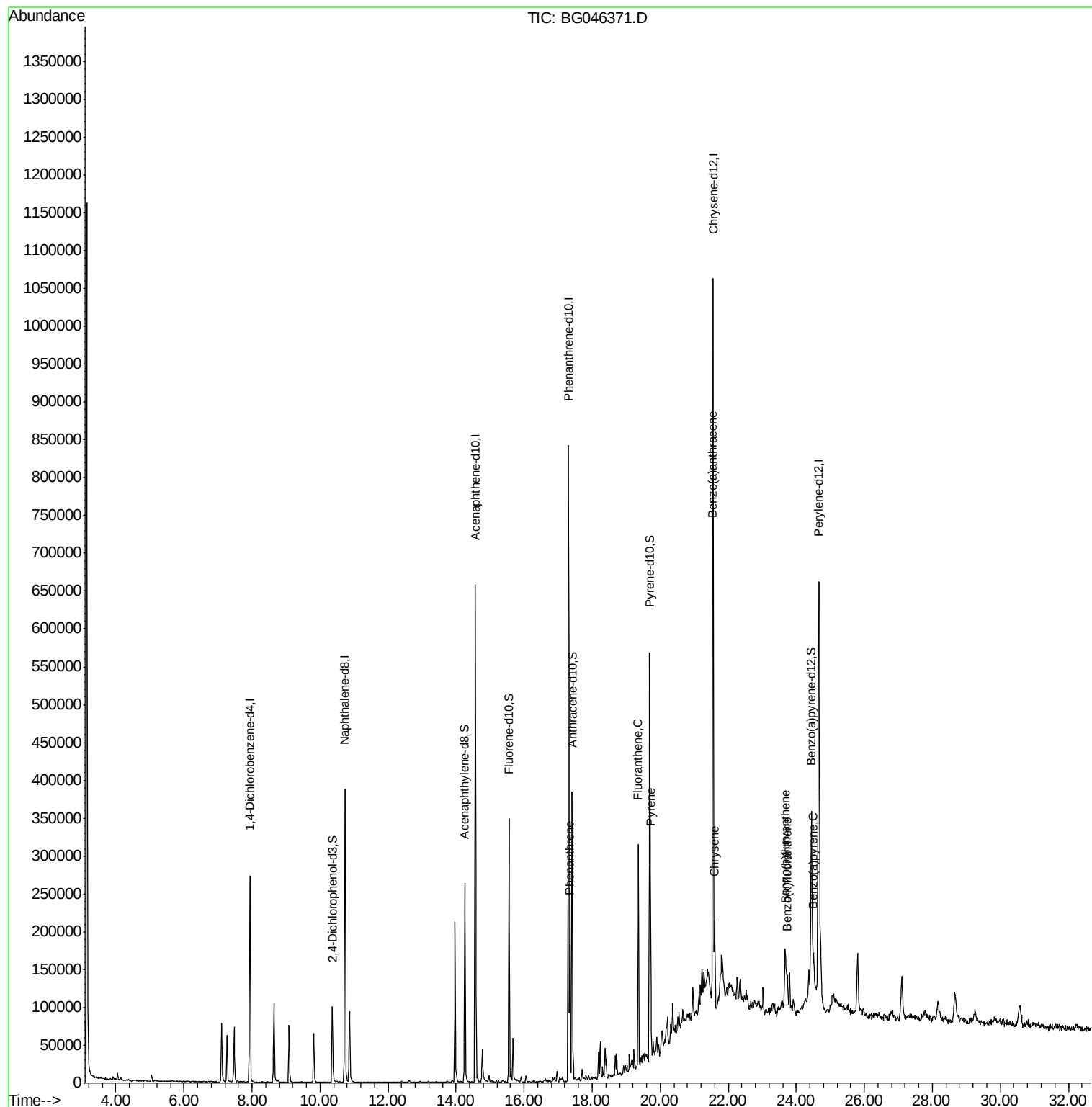
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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ALS Vial : 35 Sample Multiplier: 1

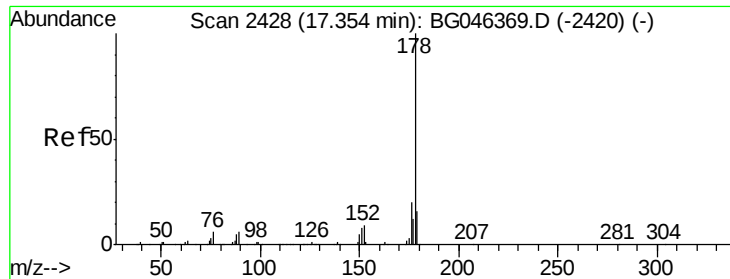
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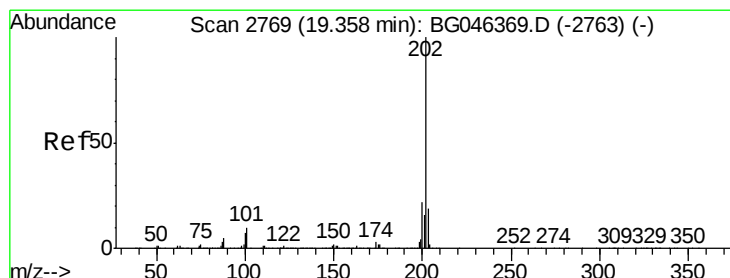
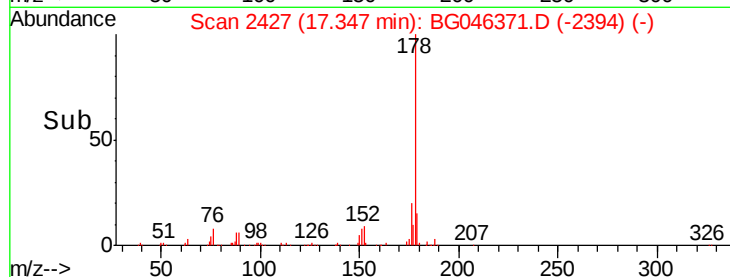
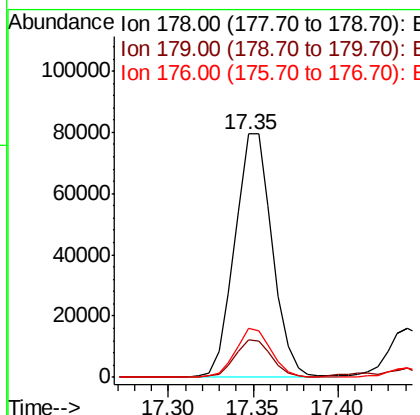
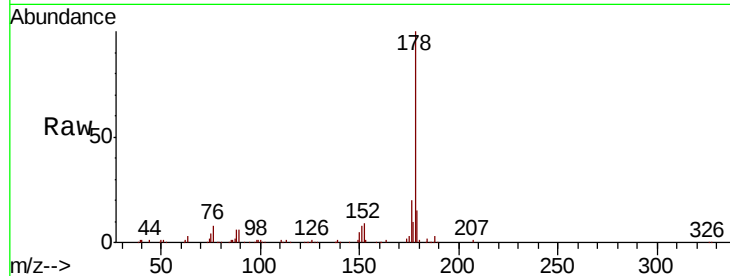
#14
Phenanthrene
Concen: 3.941 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046371.D
Acq: 20 Aug 2020 9:06

Instrument :
BNA_G
ClientSampleId :
BFMA7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	20.0	15.8	23.8

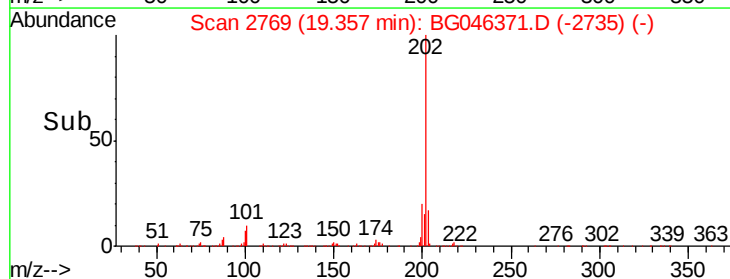
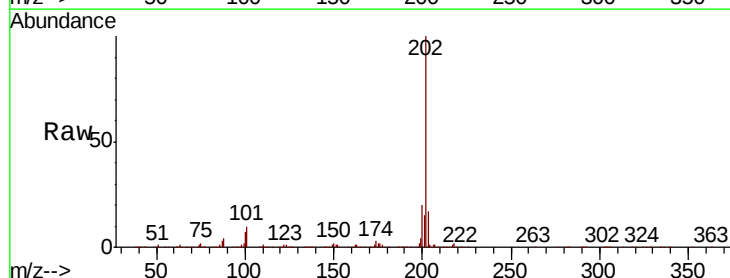
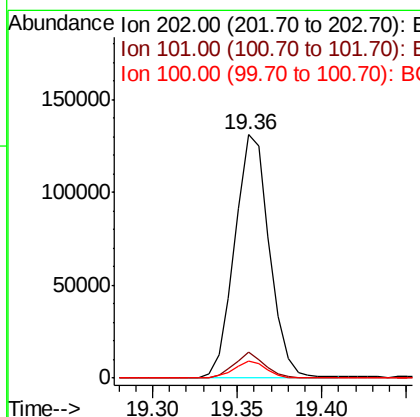
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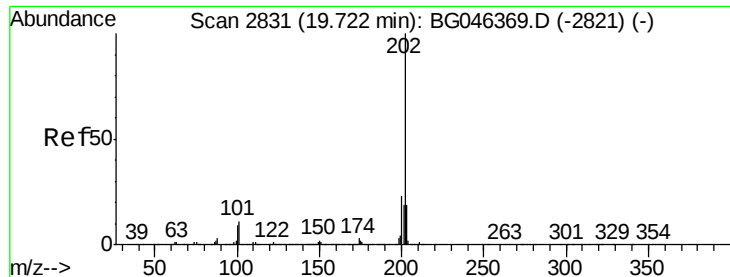
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#17
Fluoranthene
Concen: 5.372 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG046371.D
Acq: 20 Aug 2020 9:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.8	11.6
100	7.1	5.9	8.9





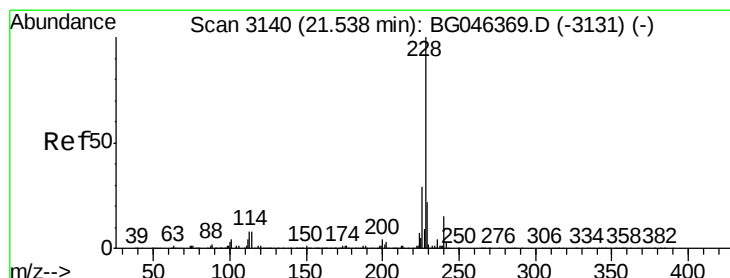
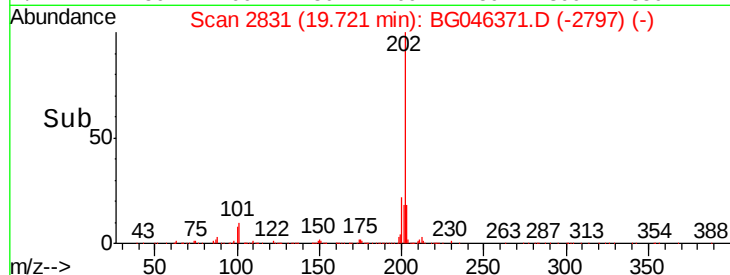
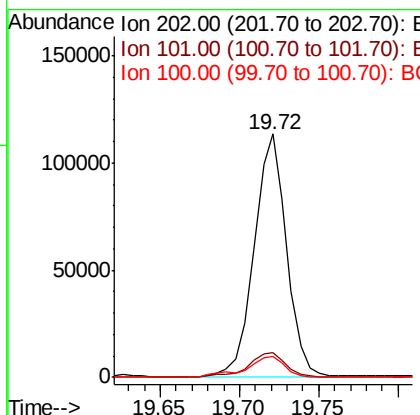
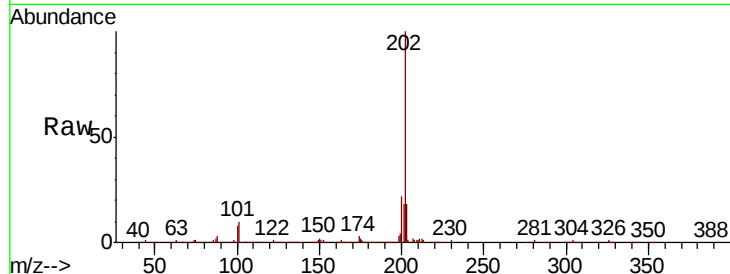
#20
Pvrene
Concen: 4.208 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046371.D
Acq: 20 Aug 2020 9:06

Instrument :
BNA_G
ClientSampleId :
BFMA7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	8.9	13.3
100	8.5	7.9	11.9

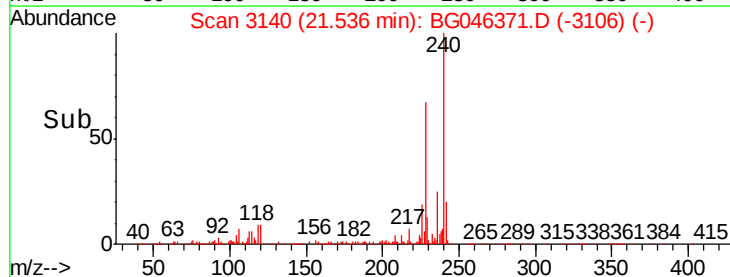
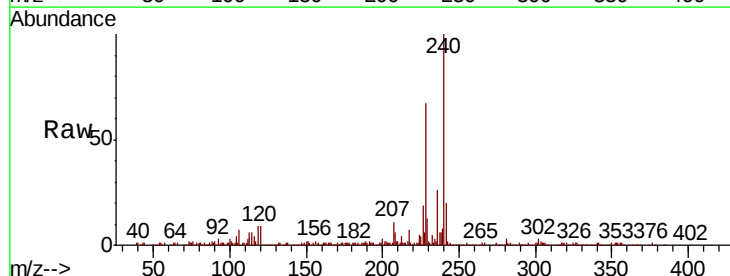
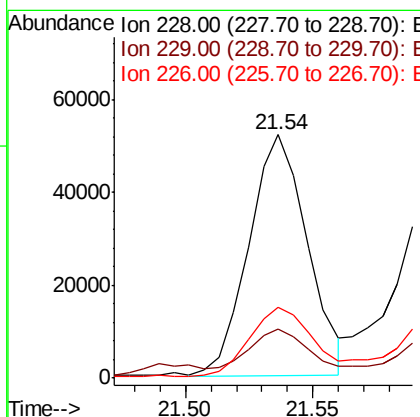
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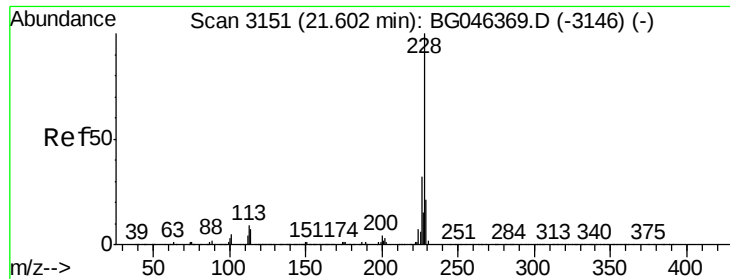
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#21
Benzo(a)anthracene
Concen: 2.206 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046371.D
Acq: 20 Aug 2020 9:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	16.6	25.0
226	28.9	22.6	33.8





#22

Chrysene

Concen: 2.303 ng/ul

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG046371.D

Acq: 20 Aug 2020 9:06

Instrument :

BNA_G

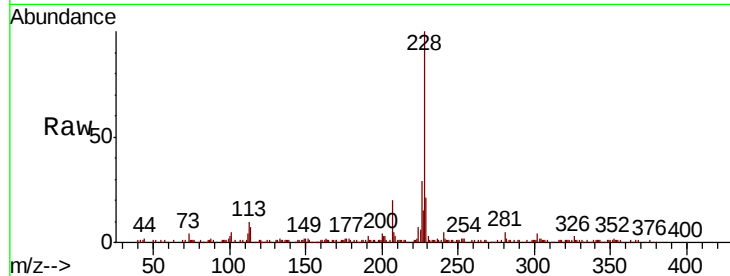
ClientSampleId :

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Tot Ion:	228	Resp:	83995
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.5	38.3
229	21.1	17.0	25.4

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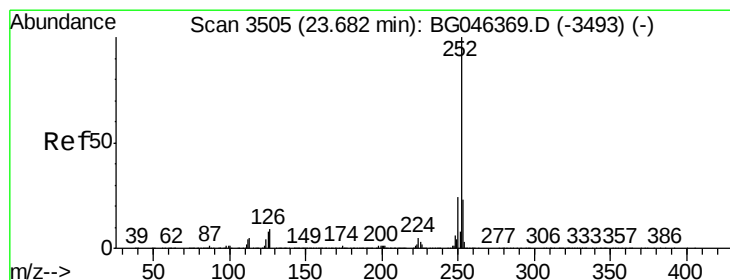
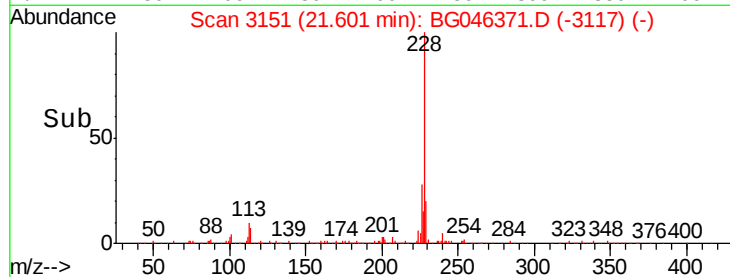
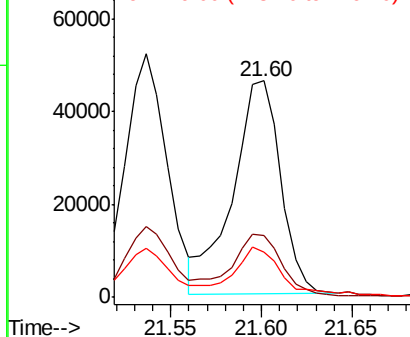


Abundance

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



#24

Benzo(b)fluoranthene

Concen: 2.560 ng/ul

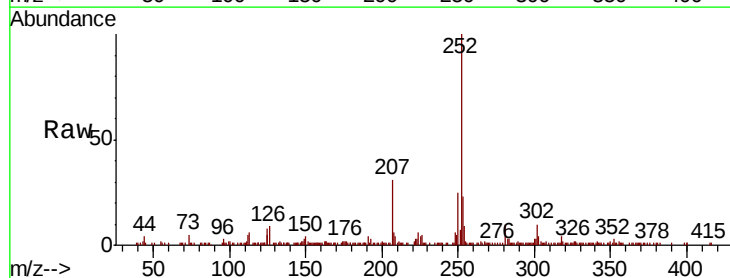
RT: 23.68 min Scan# 3504

Delta R.T. -0.00 min

Lab File: BG046371.D

Acq: 20 Aug 2020 9:06

Tgt Ion:	252	Resp:	102177
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	8.1	6.4	9.6

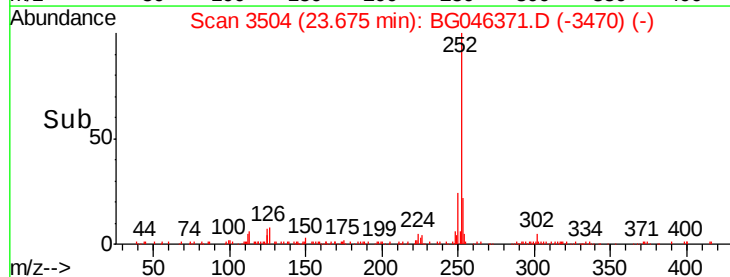
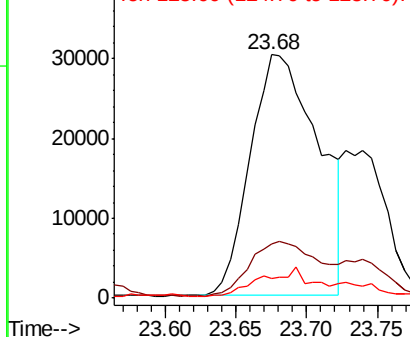


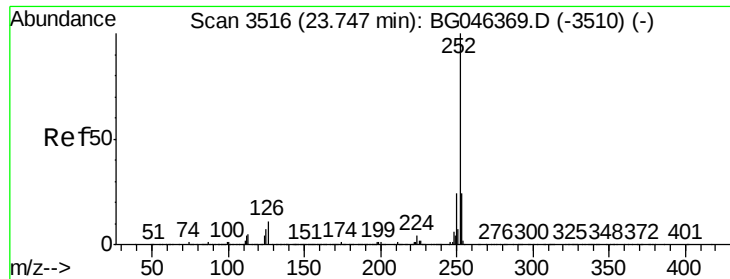
Abundance

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





#25

Benzo(k)fluoranthene

Concen: 1.031 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.00 min

Lab File: BG046371.D

Acq: 20 Aug 2020 9:06

Instrument :

BNA_G

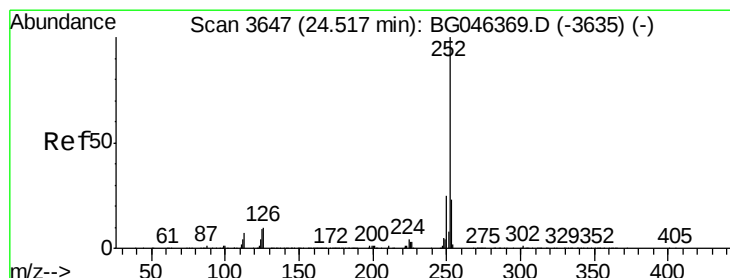
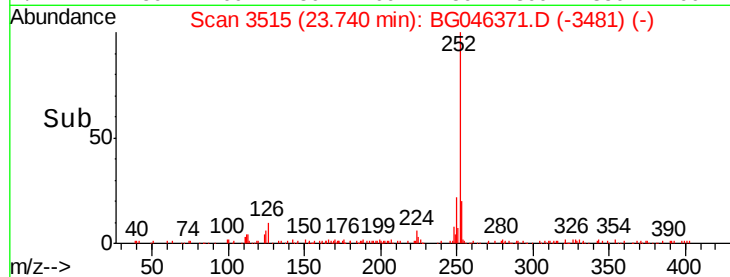
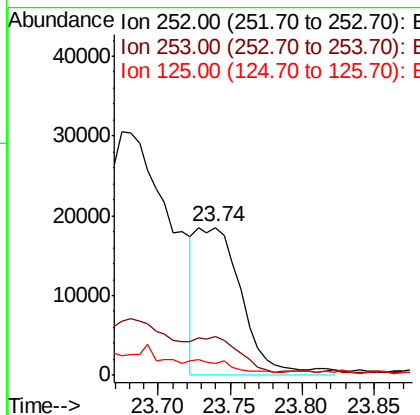
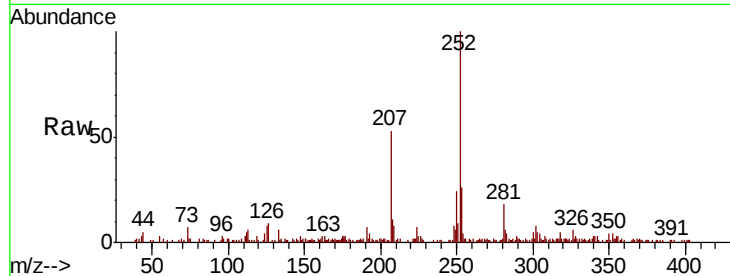
ClientSampleId :

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Tot Ion:	252	Resp:	40821
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.5	27.7
125	8.3	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 1.701 ng/ul

RT: 24.51 min Scan# 3646

Delta R.T. -0.01 min

Lab File: BG046371.D

Acq: 20 Aug 2020 9:06

Tgt Ion:	252	Resp:	62312
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.8
125	8.1	7.1	10.7

