

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046374.D
 Acq On : 20 Aug 2020 11:55
 Operator : CG/JU
 Sample : L3634-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMF5

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:47:10 PM

Quant Time: Aug 20 12:42:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 11:14:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	85536	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	353374	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	233744	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	513669	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	508506	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	533559	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	86945	14.29	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	325480	15.13	ng/ul	0.00
10) Fluorene-d10	15.56	176	251990	15.29	ng/ul	0.00
15) Anthracene-d10	17.41	188	347887	14.61	ng/ul	0.00
19) Pyrene-d10	19.69	212	404773	15.46	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	428327	14.71	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.35	178	295010	10.440	ng/ul	99
17) Fluoranthene	19.36	202	458005	14.535	ng/ul	99
20) Pyrene	19.72	202	414457	12.417	ng/ul	97
21) Benzo(a)anthracene	21.54	228	146078	4.415	ng/ul	97
22) Chrysene	21.60	228	214306	6.701	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	275740	7.815	ng/ul	100
25) Benzo(k)fluoranthene	23.73	252	97942m	2.798	ng/ul	
27) Benzo(a)pyrene	24.51	252	162530	5.018	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.16	276	129421m	3.191	ng/ul	
30) Benzo(g,h,i)perylene	29.26	276	109284	3.220	ng/ul	98

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

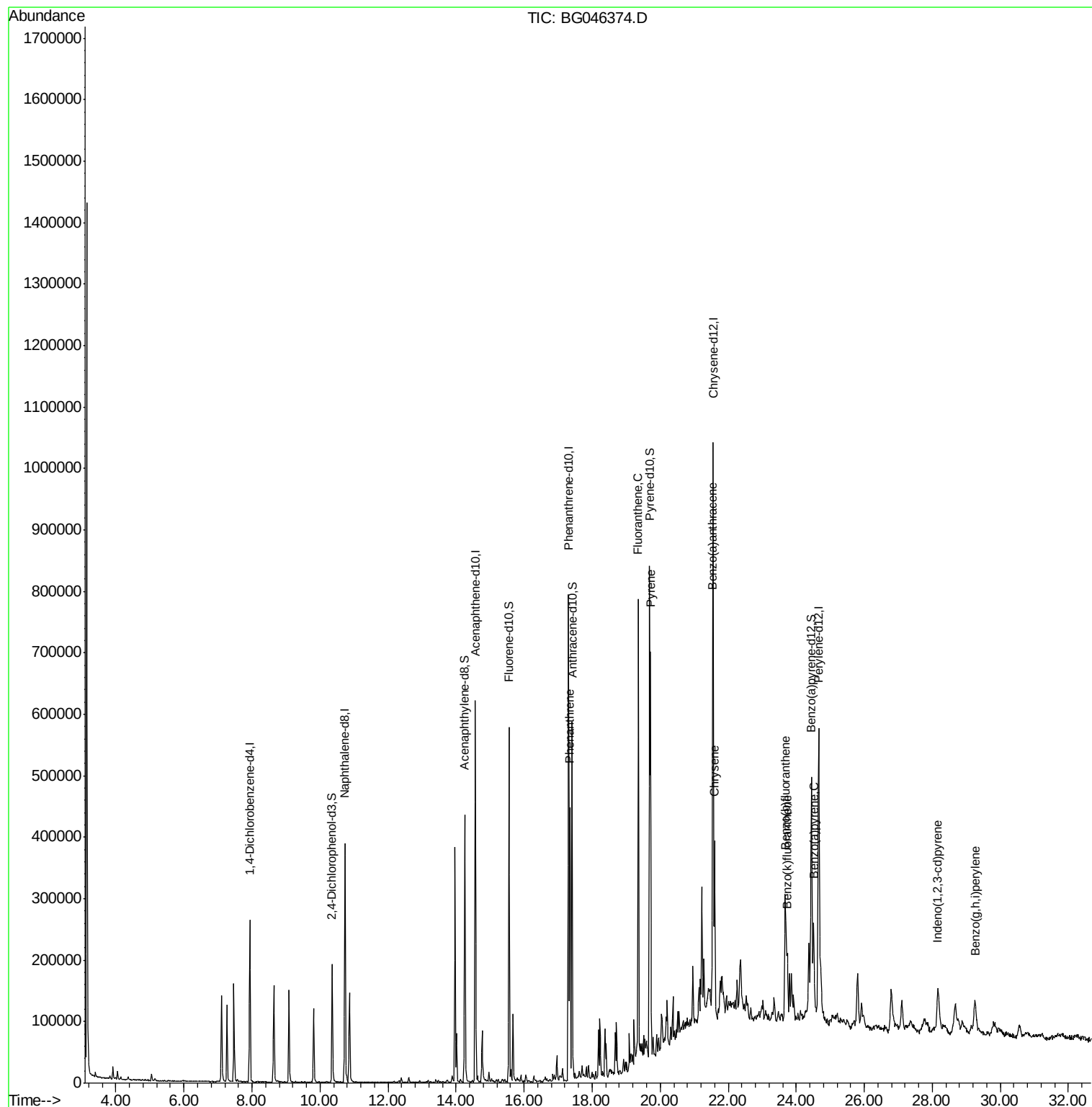
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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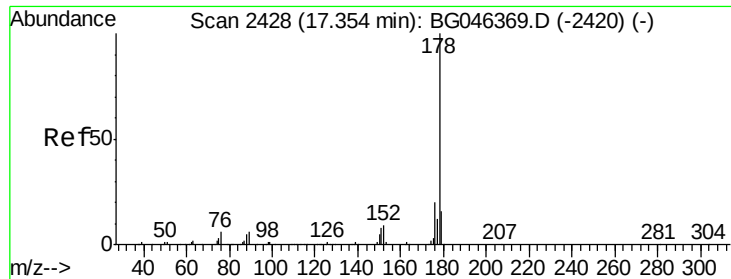
Instrument :
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ClientSampleId :
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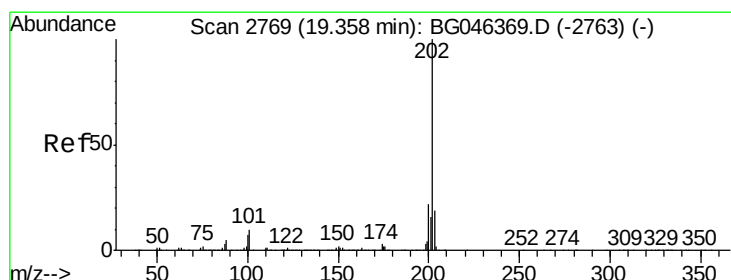
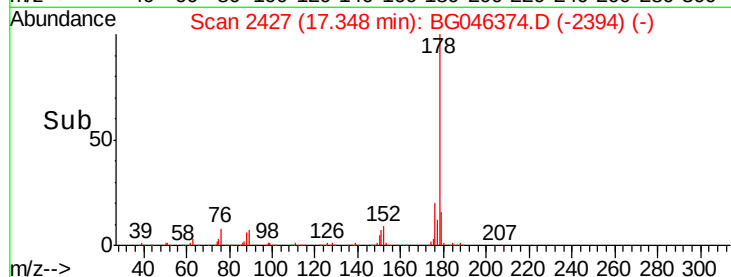
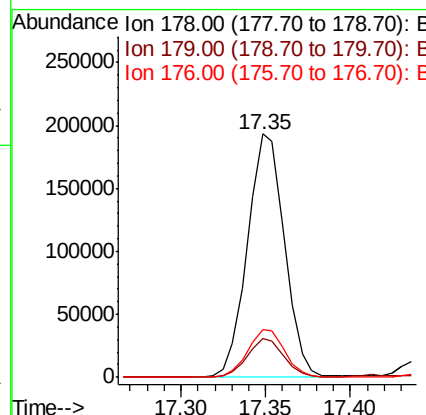
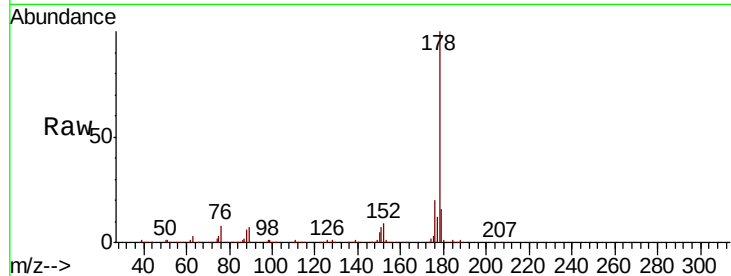
#14
Phenanthrene
Concen: 10.440 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
BFMF5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.5	15.8	23.8

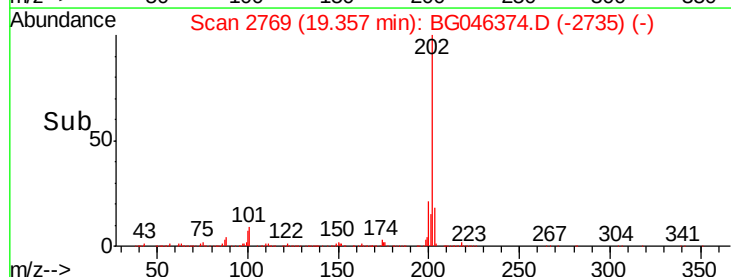
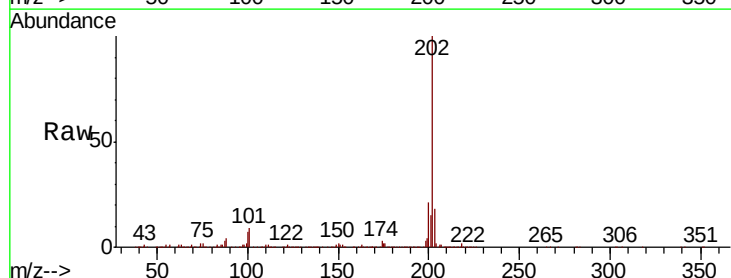
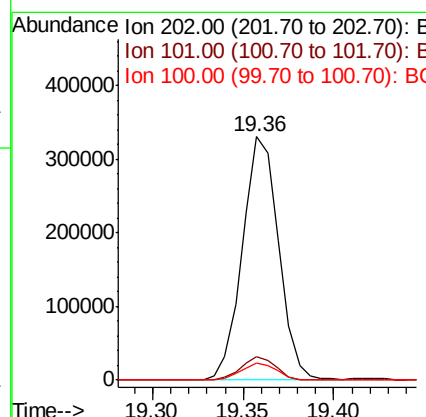
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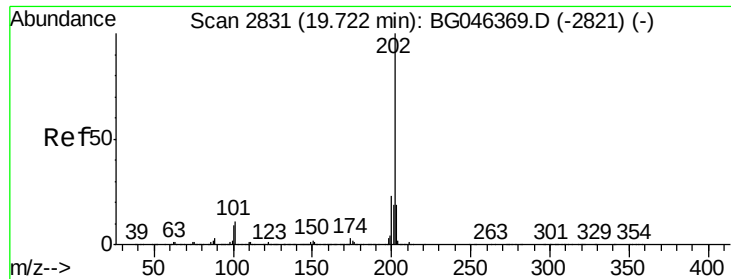
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#17
Fluoranthene
Concen: 14.535 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.8	11.6
100	7.0	5.9	8.9





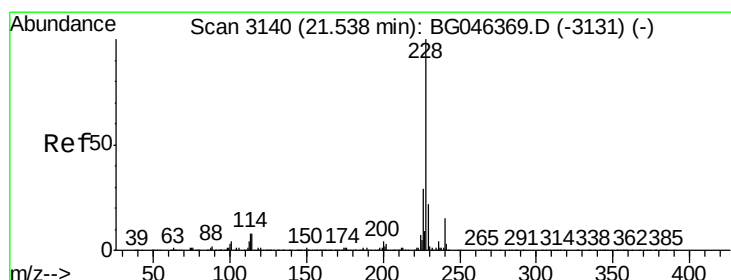
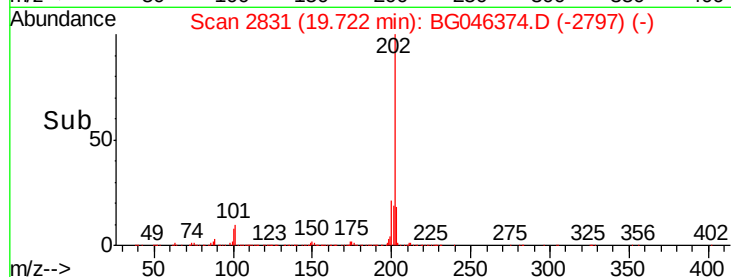
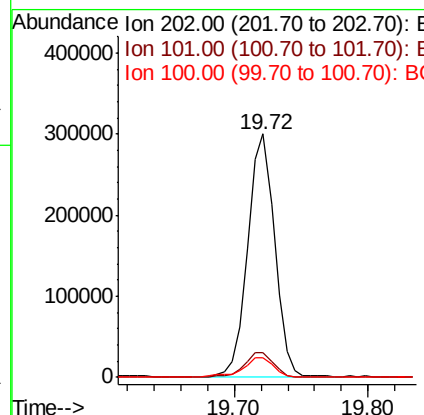
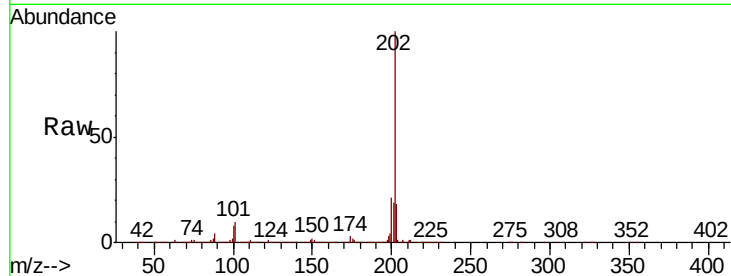
#20
Pvrene
Concen: 12.417 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
BFMF5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	8.9	13.3
100	8.3	7.9	11.9

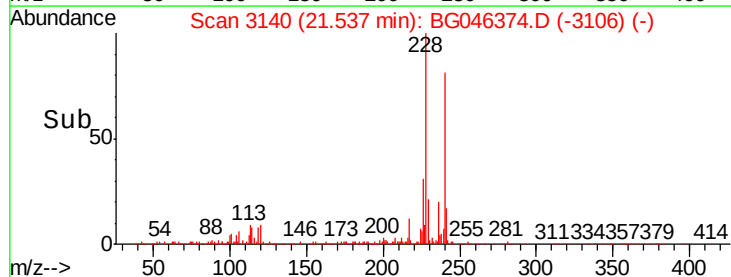
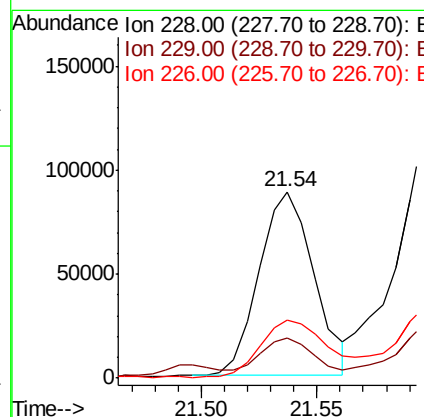
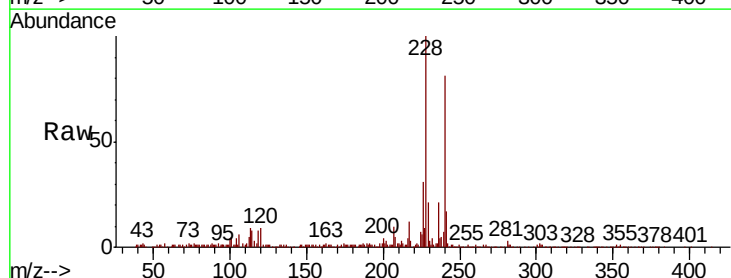
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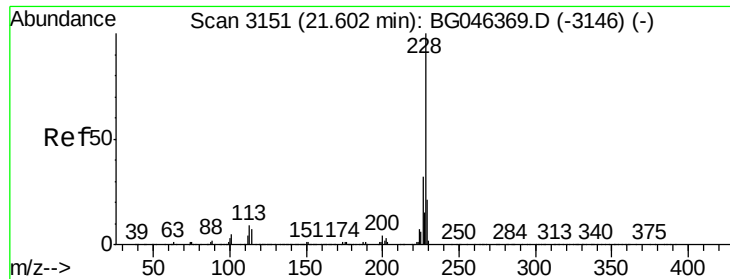
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#21
Benzo(a)anthracene
Concen: 4.415 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	16.6	25.0
226	30.9	22.6	33.8





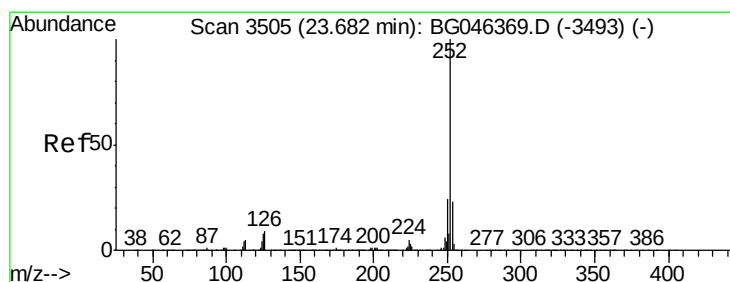
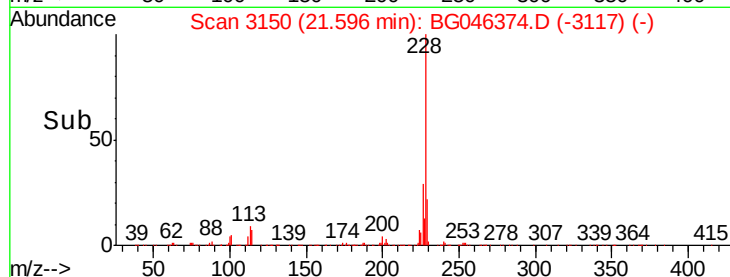
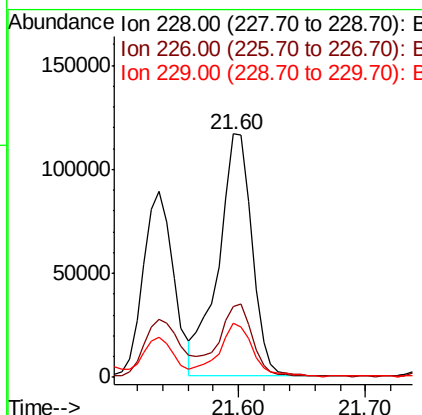
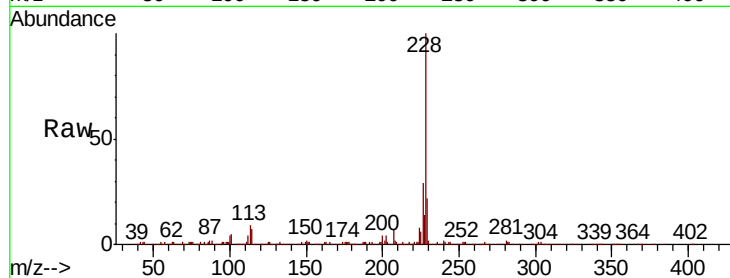
#22
Chrysene
Concen: 6.701 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
BFMF5

Tot Ion:	228	Resp:	214306
Ion Ratio	Lower	Upper	
228	100		
226	28.9	25.5	38.3
229	22.1	17.0	25.4

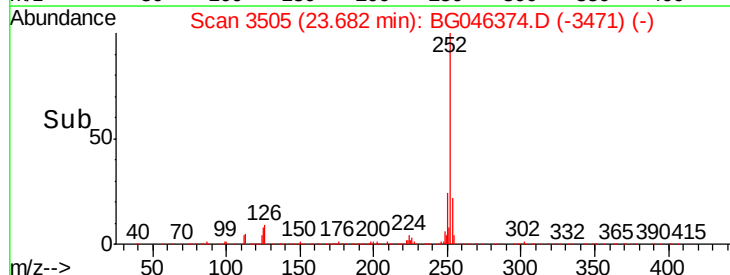
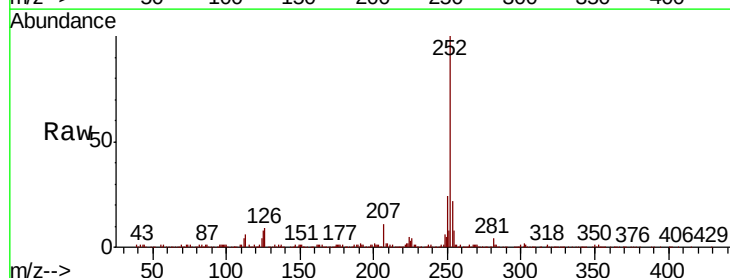
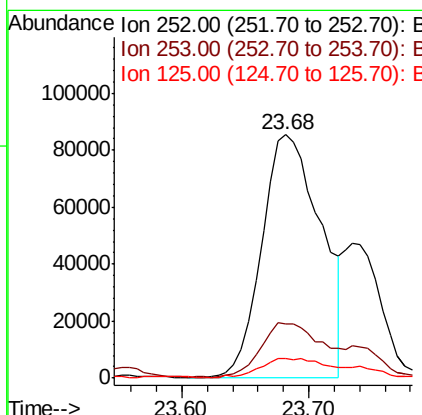
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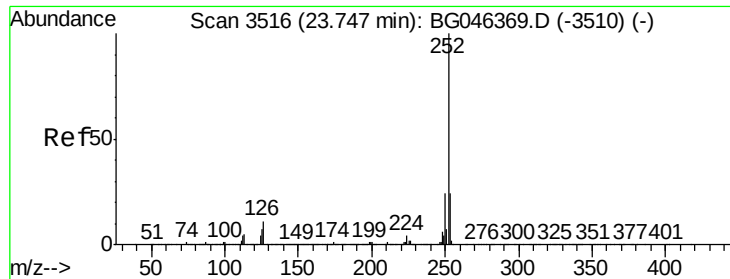
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#24
Benzo(b)fluoranthene
Concen: 7.815 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Tgt Ion:	252	Resp:	275740
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	8.1	6.4	9.6





#25

Benzo(k)fluoranthene

Concen: 2.798 ng/ul m

RT: 23.73 min Scan# 3514

Delta R.T. -0.01 min

Lab File: BG046374.D

Acq: 20 Aug 2020 11:55

Instrument :

BNA_G

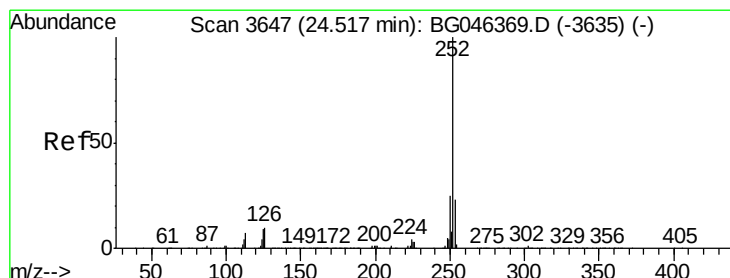
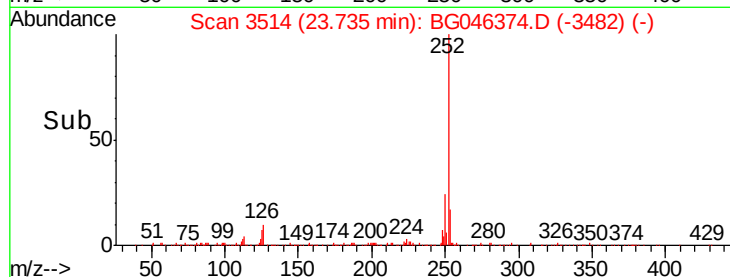
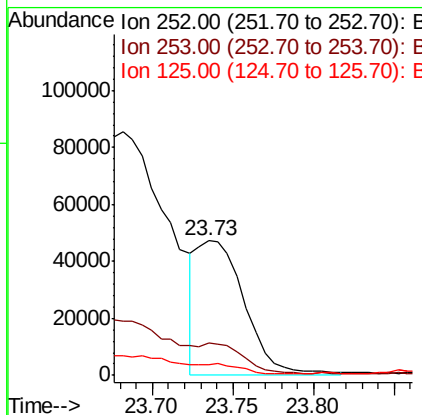
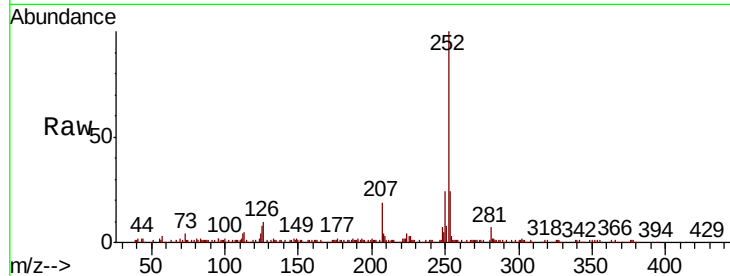
ClientSampled :

BFMF5

Tot Ion:	252	Resp:	97942
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.5	27.7
125	8.0	6.2	9.2

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#27

Benzo(a)pyrene

Concen: 5.018 ng/ul

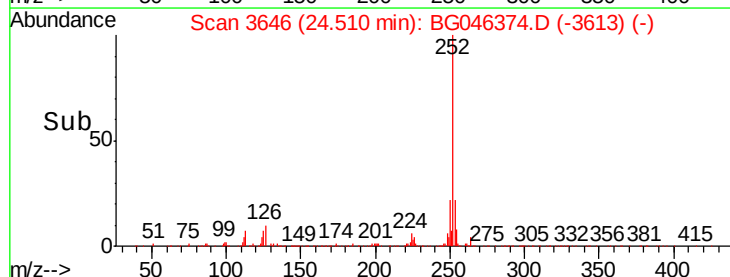
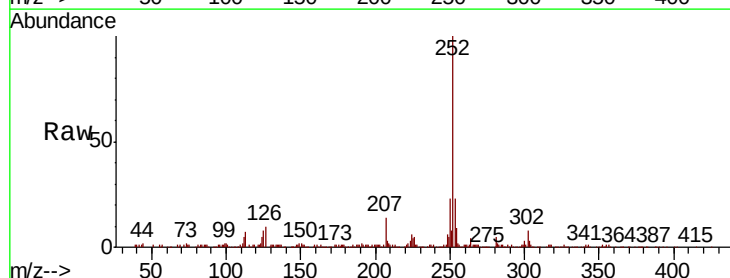
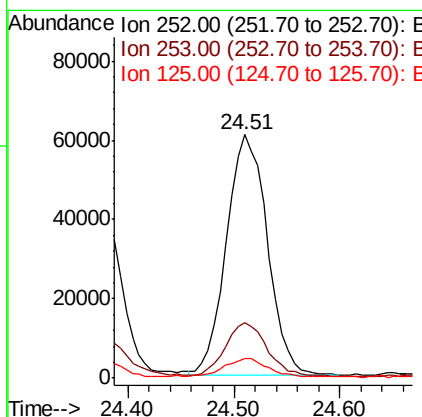
RT: 24.51 min Scan# 3646

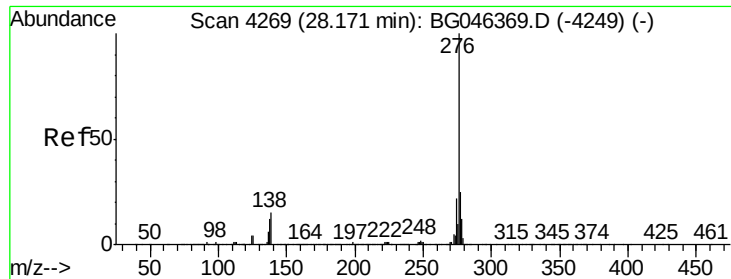
Delta R.T. -0.01 min

Lab File: BG046374.D

Acq: 20 Aug 2020 11:55

Tgt Ion:	252	Resp:	162530
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	7.9	7.1	10.7





#28

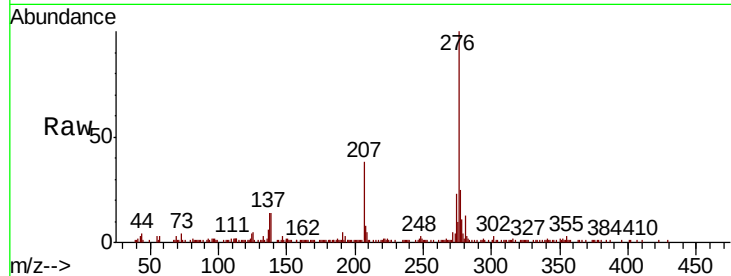
Indeno(1,2,3-cd)pyrene
Concen: 3.191 ng/ul m
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Instrument :
BNA_G
ClientSampleId :
BFMF5

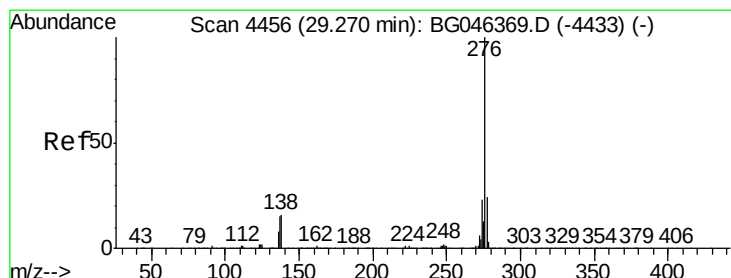
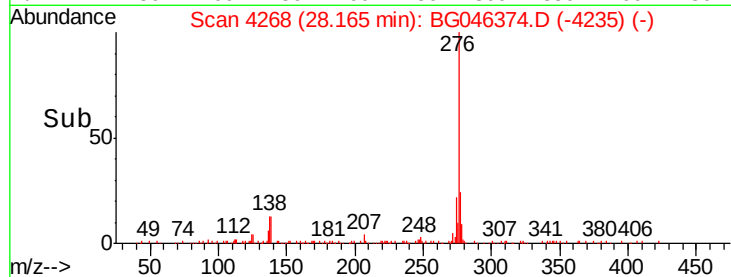
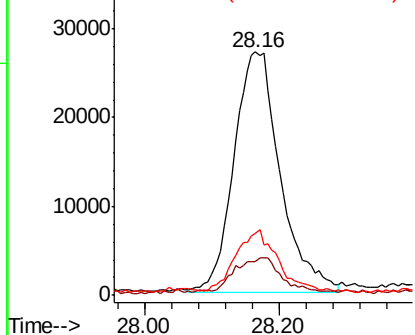
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	13.2	19.8
277	25.3	19.9	29.9

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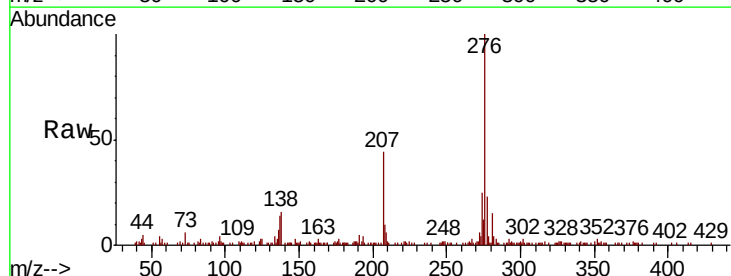
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#30

Benzo(g,h,i)perylene
Concen: 3.220 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046374.D
Acq: 20 Aug 2020 11:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.9	19.3
277	23.2	19.4	29.0



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

