

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046357.D
 Acq On : 19 Aug 2020 22:07
 Operator : CG/JU
 Sample : L3633-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME0

Manual Integrations
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mohammad
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Quant Time: Aug 20 02:43:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 01:26:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	103594	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	419524	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	277105	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	631307	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	622095	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	666859	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	146675	20.30	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	574924	22.54	ng/ul	0.00
10) Fluorene-d10	15.56	176	436114	22.32	ng/ul	0.00
15) Anthracene-d10	17.40	188	623807	21.32	ng/ul	0.00
19) Pyrene-d10	19.70	212	733540	22.91	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	814996	22.40	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	26029	1.004	ng/ul	98
9) Acenaphthene	14.63	153	27323	1.476	ng/ul	93
11) Fluorene	15.61	166	26631	1.230	ng/ul	99
14) Phenanthrene	17.35	178	555982	16.008	ng/ul	100
16) Anthracene	17.44	178	105324	3.006	ng/ul	98
17) Fluoranthene	19.36	202	1028729	26.564	ng/ul	100
20) Pyrene	19.72	202	951987	23.313	ng/ul	99
21) Benzo(a)anthracene	21.54	228	651012	16.084	ng/ul	97
22) Chrysene	21.60	228	624991	15.973	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	988386	22.413	ng/ul	97
25) Benzo(k)fluoranthene	23.74	252	349285m	7.985	ng/ul	
27) Benzo(a)pyrene	24.52	252	749882	18.522	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.17	276	520732	10.272	ng/ul	97
29) Dibenzo(a,h)anthracene	28.21	278	150736	3.667	ng/ul	98
30) Benzo(a,h,i)perylene	29.26	276	402553	9.489	ng/ul	99

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

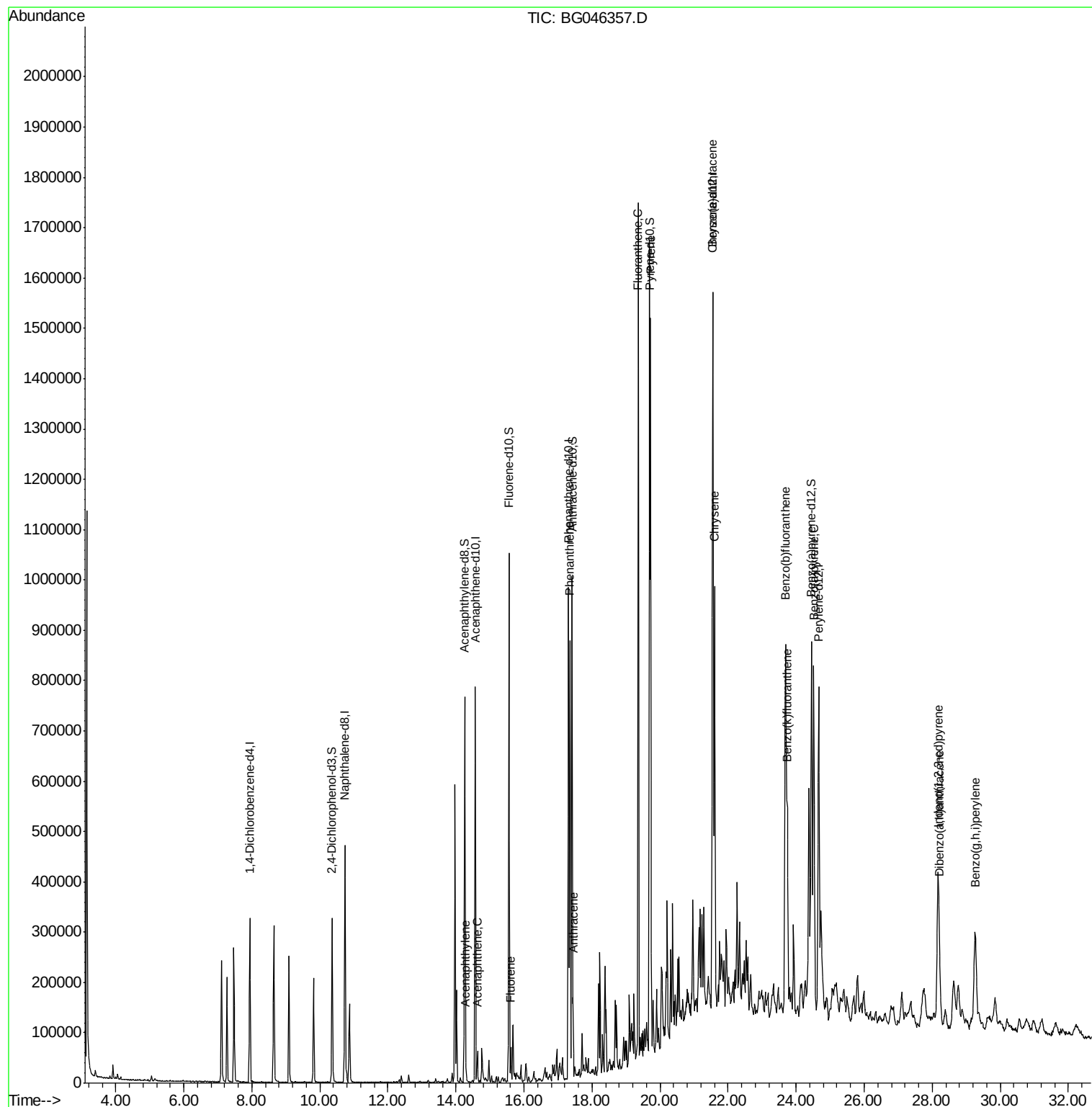
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046357.D
Acq On : 19 Aug 2020 22:07
Operator : CG/JU
Sample : L3633-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

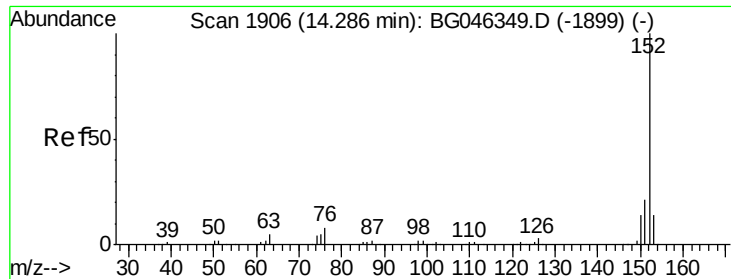
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 01:26:46 2020
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.004 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046357.D

Acq: 19 Aug 2020 22:07

Instrument :

BNA_G

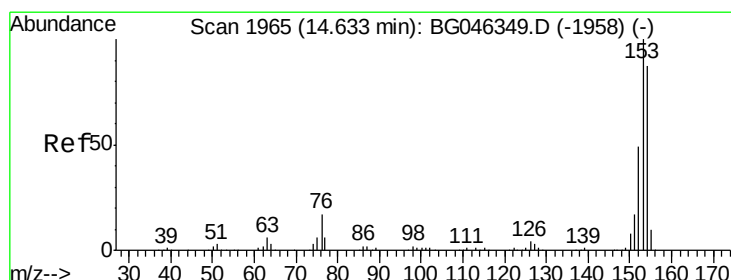
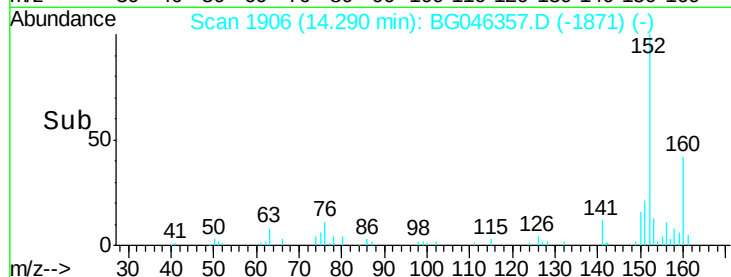
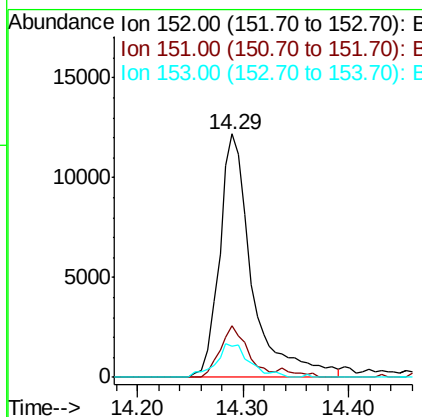
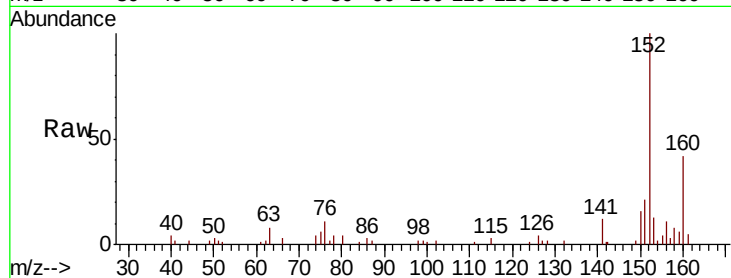
ClientSampleId :

BFME0

Tot Ion:	152	Resp:	26029
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.5	24.7
153	12.9	11.0	16.6

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#9

Acenaphthene

Concen: 1.476 ng/ul

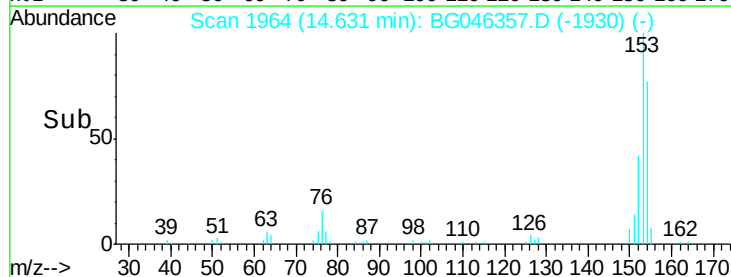
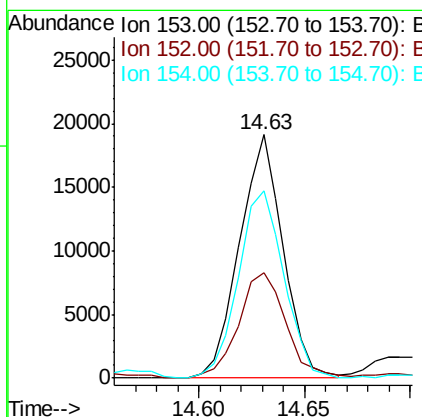
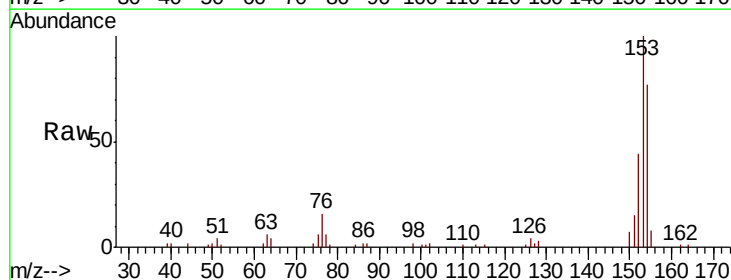
RT: 14.63 min Scan# 1964

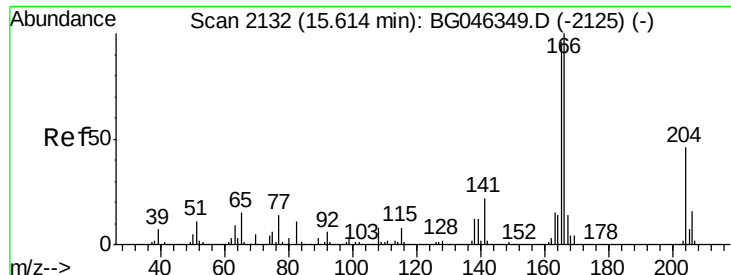
Delta R.T. -0.00 min

Lab File: BG046357.D

Acq: 19 Aug 2020 22:07

Tgt Ion:	153	Resp:	27323
Ion Ratio	Lower	Upper	
153	100		
152	43.5	37.2	55.8
154	77.2	67.8	101.6





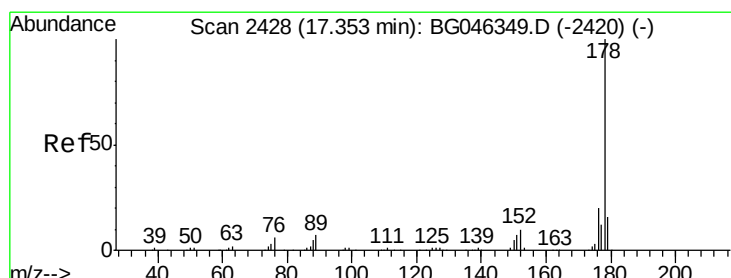
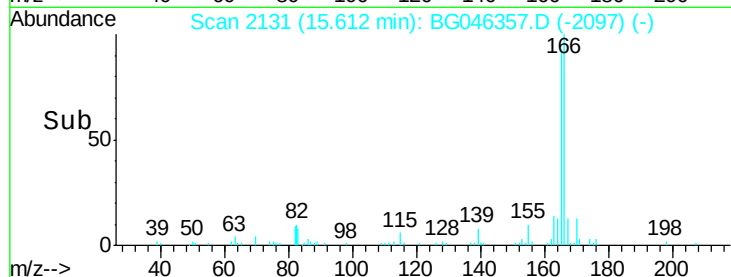
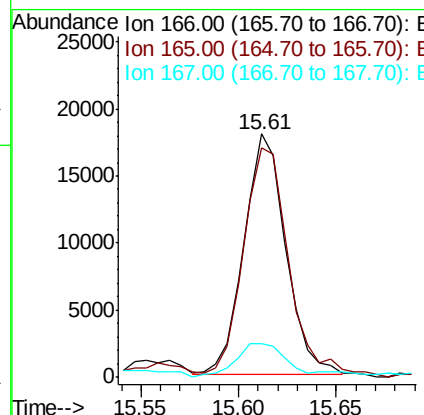
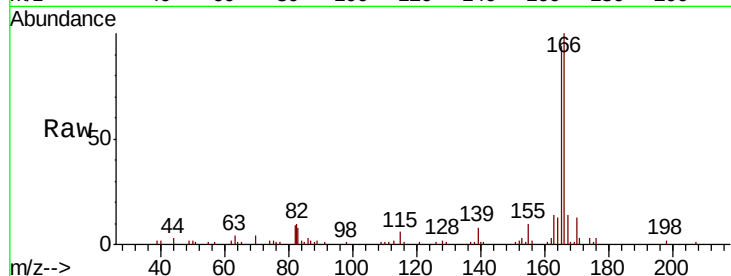
#11
Fluorene
Concen: 1.230 ng/ul
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG046357.D
Acq: 19 Aug 2020 22:07

Instrument :
BNA_G
ClientSampleId :
BFME0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		26631		
165	94.3	75.9	113.9		
167	13.9	10.7	16.1		

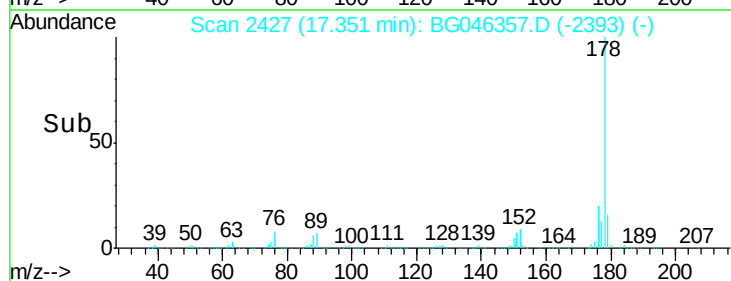
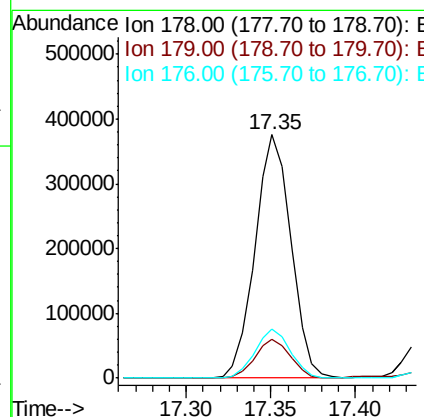
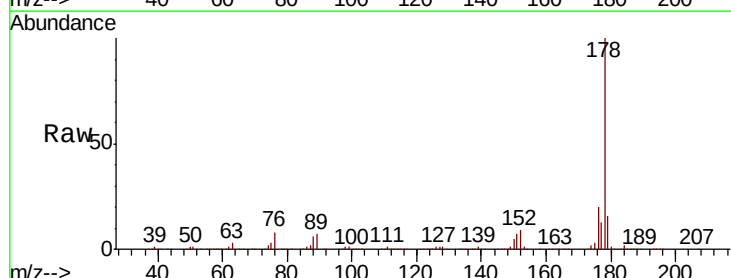
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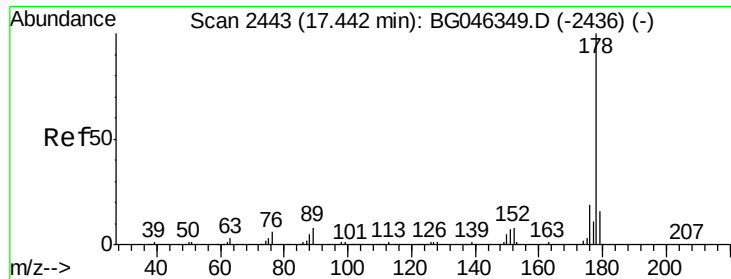
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#14
Phenanthrene
Concen: 16.008 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG046357.D
Acq: 19 Aug 2020 22:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		555982		
179	16.1	12.8	19.2		
176	20.0	15.8	23.8		





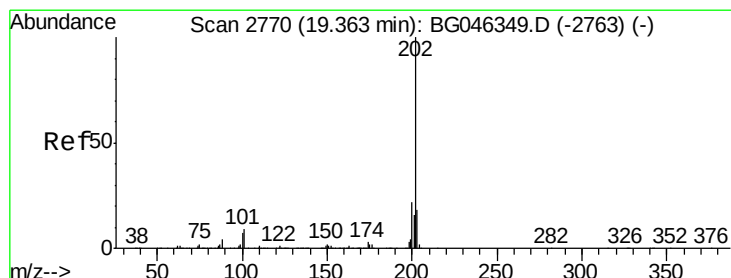
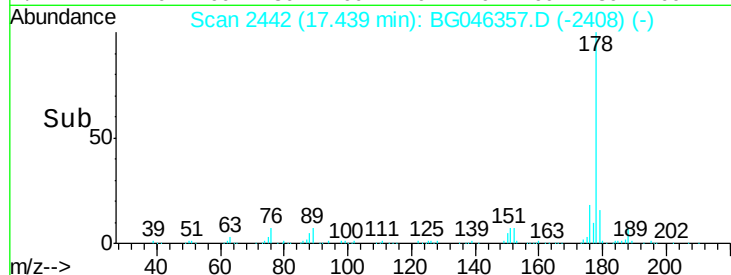
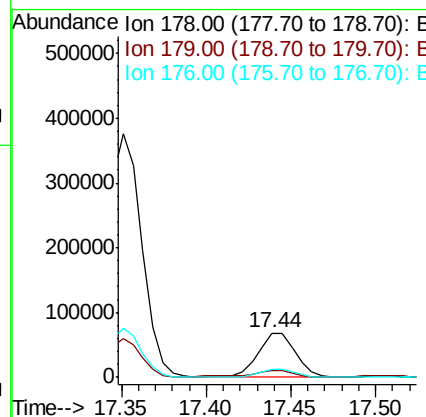
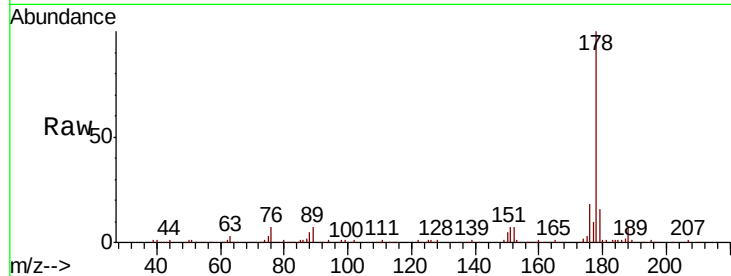
#16
 Anthracene
 Concen: 3.006 ng/ul
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG046357.D
 Acq: 19 Aug 2020 22:07

Instrument :
 BNA_G
 ClientSampled :
 BFME0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.2	19.8
176	18.4	15.2	22.8

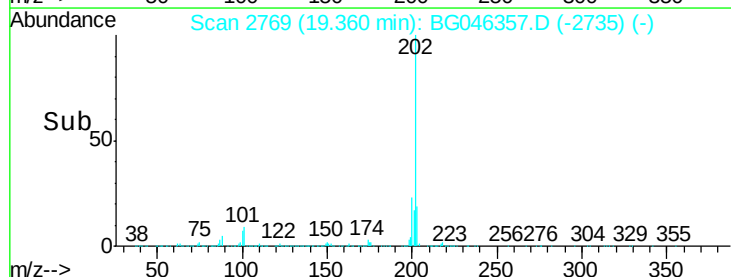
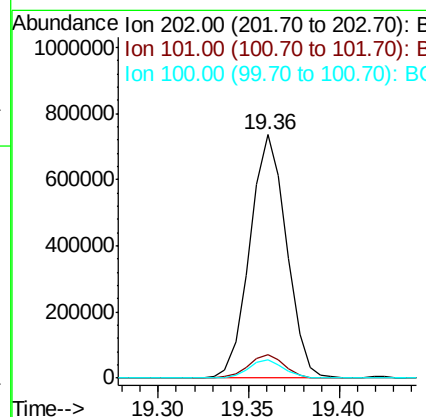
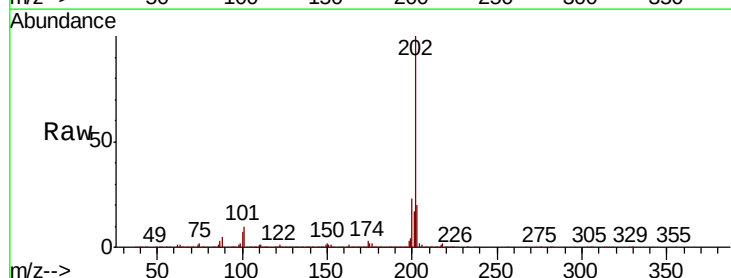
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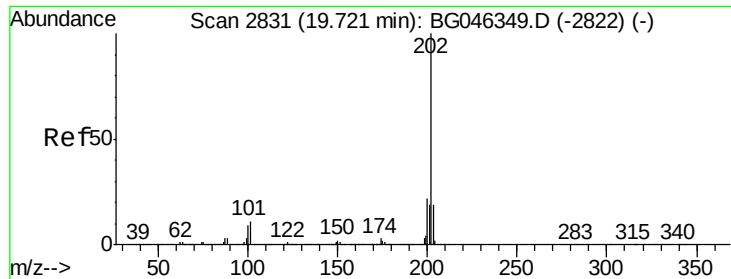
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#17
 Fluoranthene
 Concen: 26.564 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046357.D
 Acq: 19 Aug 2020 22:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.8	11.6
100	7.4	5.9	8.9





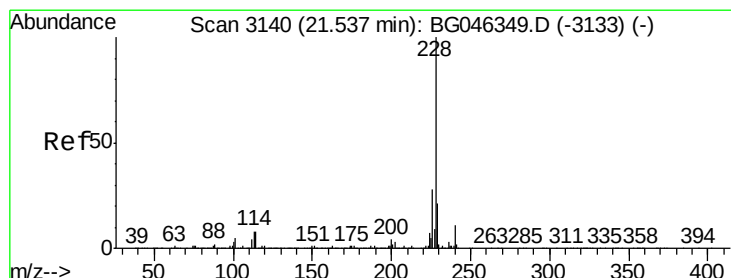
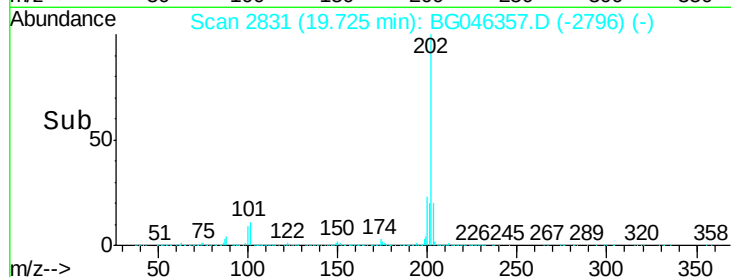
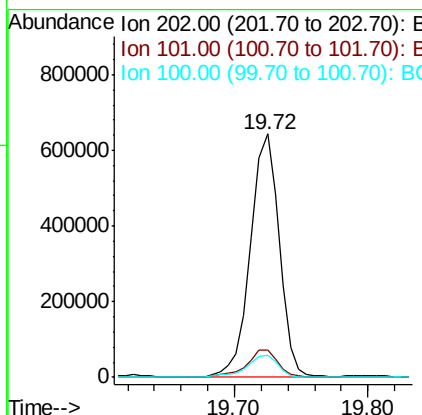
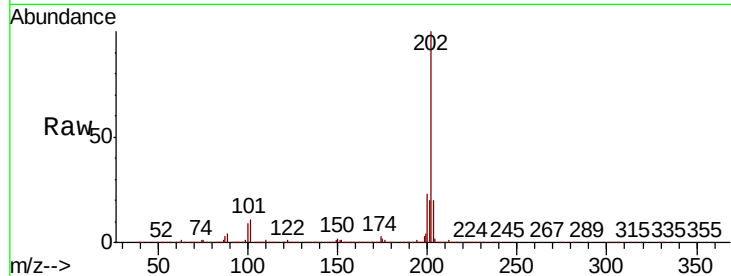
#20
Pvrene
Concen: 23.313 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046357.D
Acq: 19 Aug 2020 22:07

Instrument :
BNA_G
ClientSampleId :
BFME0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.4	8.9	13.3		
100	9.2	7.9	11.9		

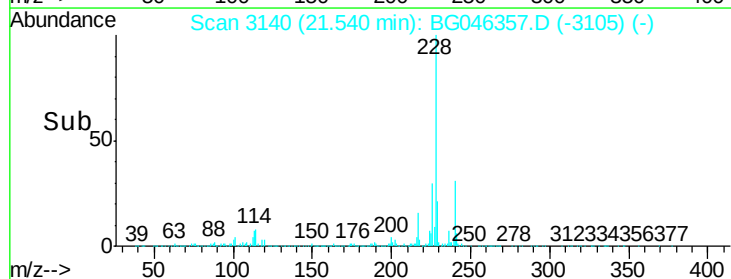
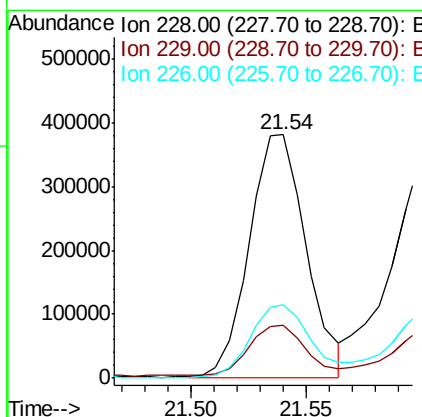
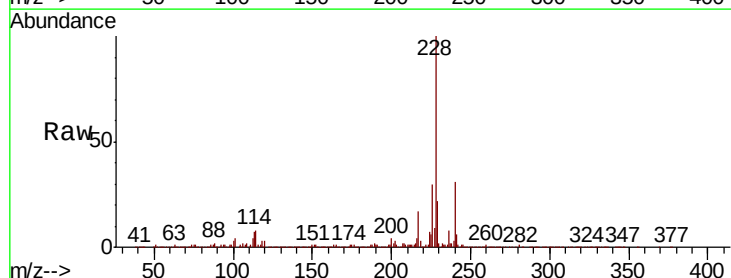
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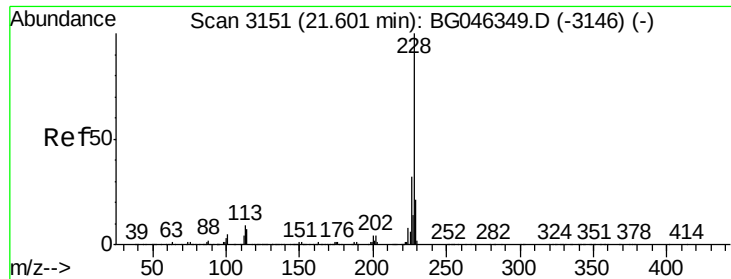
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#21
Benzo(a)anthracene
Concen: 16.084 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046357.D
Acq: 19 Aug 2020 22:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
229	21.7	16.6	25.0		
226	30.4	22.6	33.8		





#22

Chrysene

Concen: 15.973 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046357.D

Acq: 19 Aug 2020 22:07

Instrument :

BNA_G

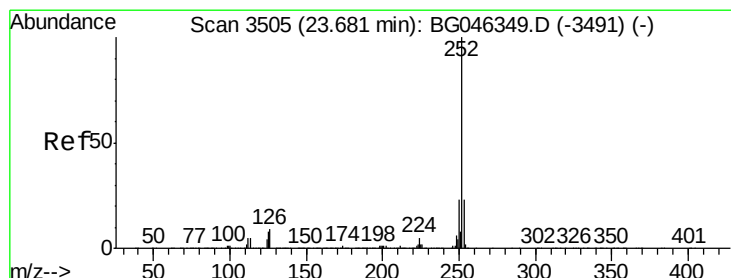
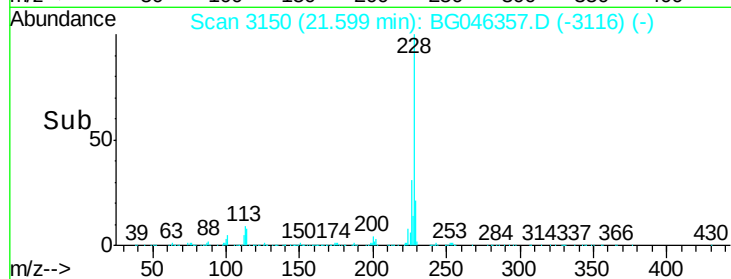
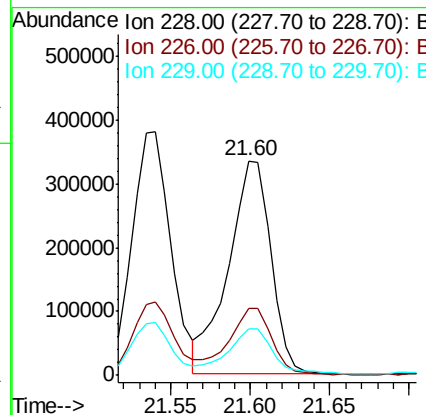
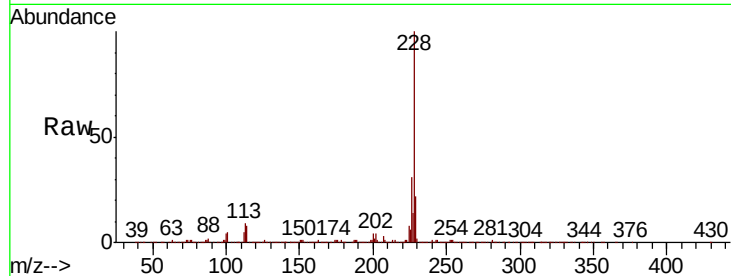
ClientSampled :

BFME0

Tot Ion:	228	Resp:	624991
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.5	38.3
229	21.8	17.0	25.4

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#24

Benzo(b)fluoranthene

Concen: 22.413 ng/ul

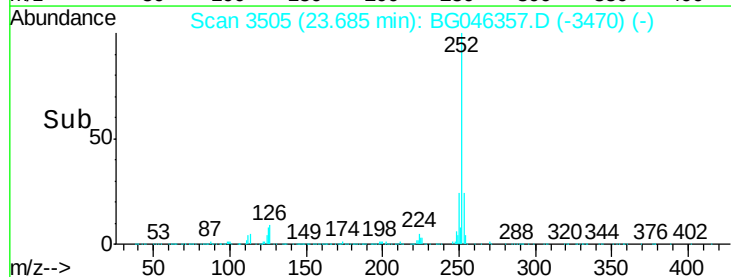
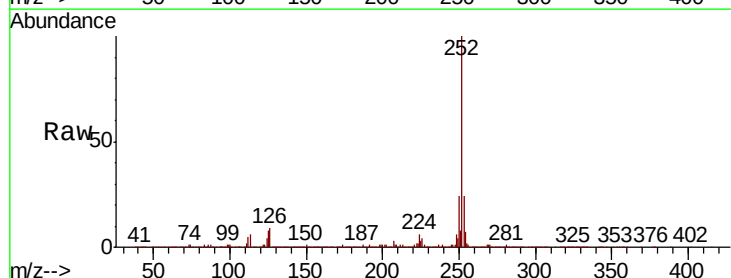
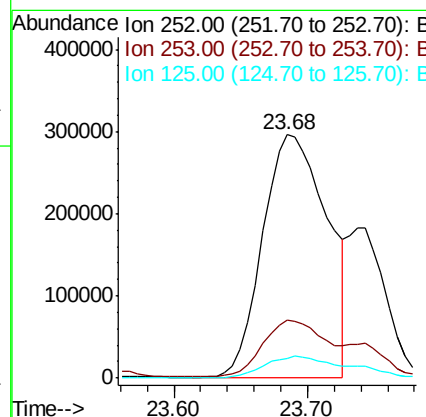
RT: 23.68 min Scan# 3505

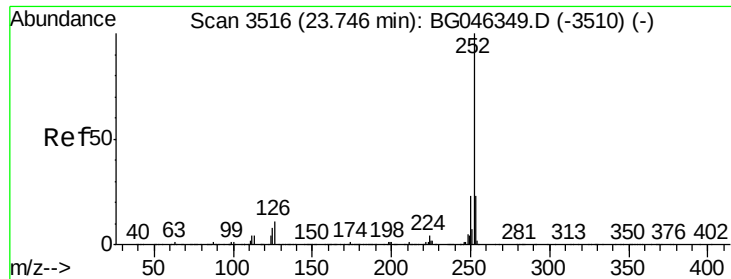
Delta R.T. 0.00 min

Lab File: BG046357.D

Acq: 19 Aug 2020 22:07

Tgt Ion:	252	Resp:	988386
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.6
125	8.0	6.4	9.6





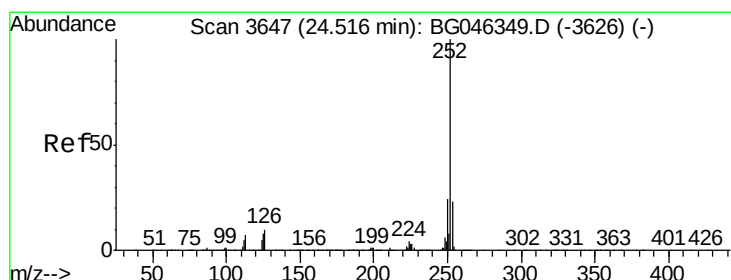
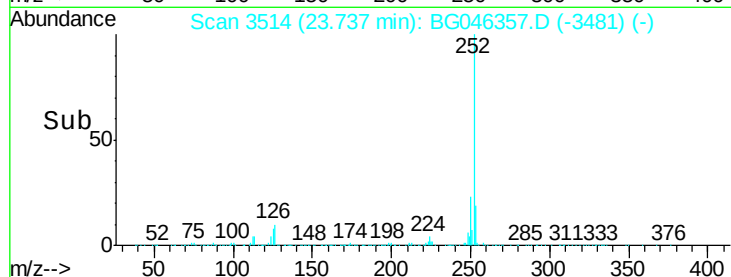
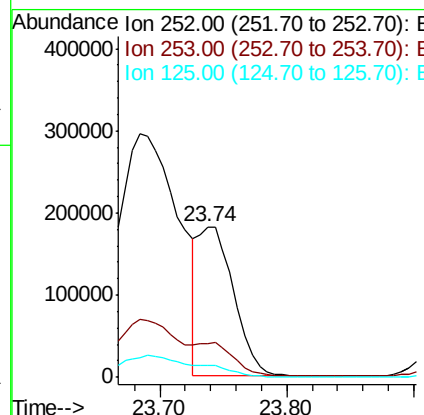
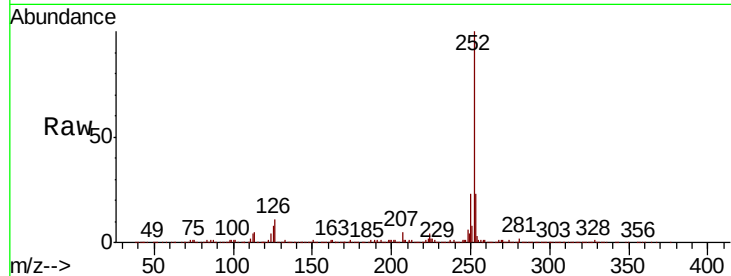
#25
Benzo(k)fluoranthene
Concen: 7.985 ng/ul m
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046357.D
Acq: 19 Aug 2020 22:07

Instrument :
BNA_G
ClientSampleId :
BFME0

Tot Ion	Ratio	Resp	Lower	Upper
252	100	349285		
253	22.5	18.5	27.7	
125	8.2	6.2	9.2	

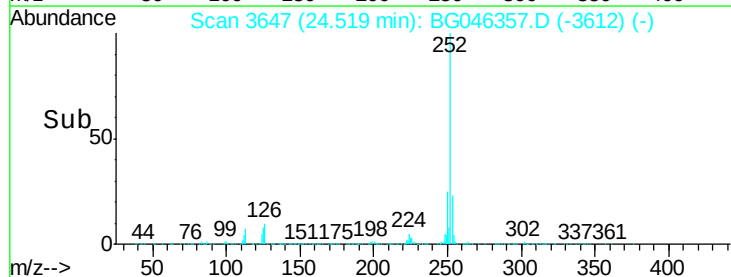
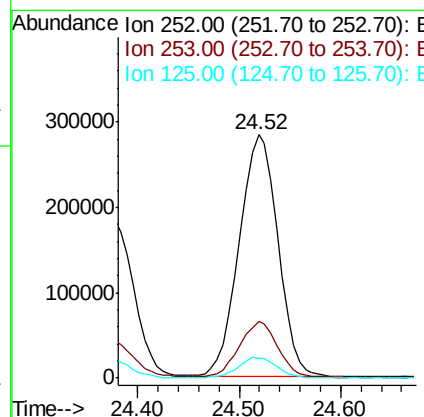
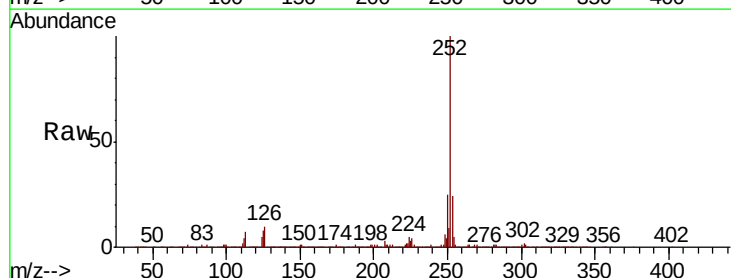
Manual Integrations
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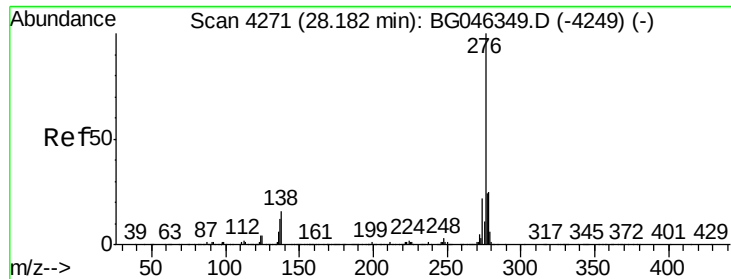
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#27
Benzo(a)pyrene
Concen: 18.522 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BG046357.D
Acq: 19 Aug 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	749882		
253	23.5	17.8	26.8	
125	8.3	7.1	10.7	





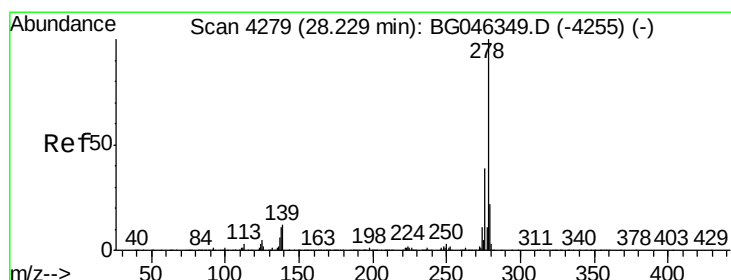
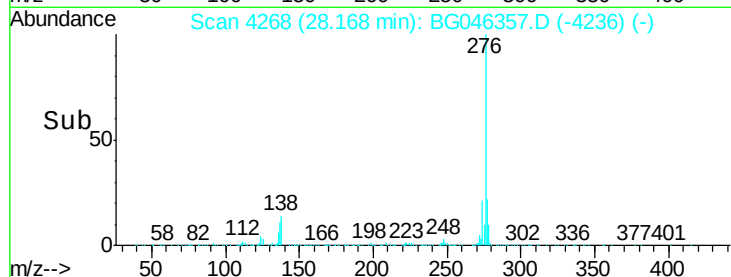
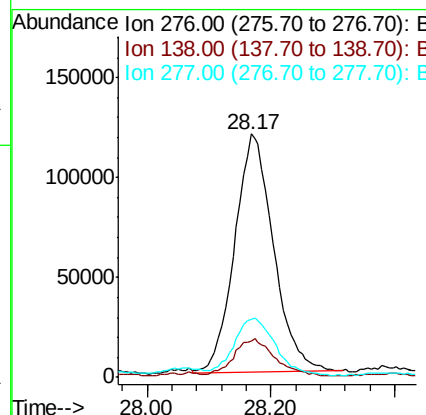
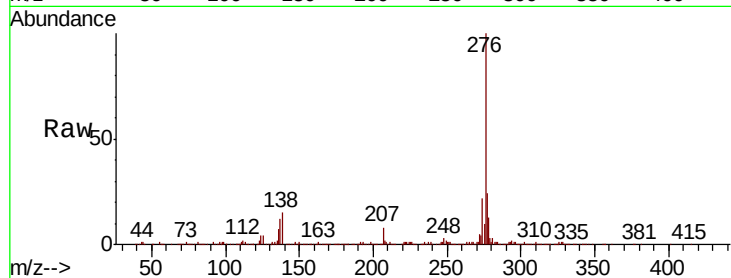
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 10.272 ng/ul
 RT: 28.17 min Scan# 4268
 Delta R.T. -0.01 min
 Lab File: BG046357.D
 Acq: 19 Aug 2020 22:07

Instrument :
 BNA_G
 ClientSampleId :
 BFME0

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.2	19.8
277	23.8	19.9	29.9

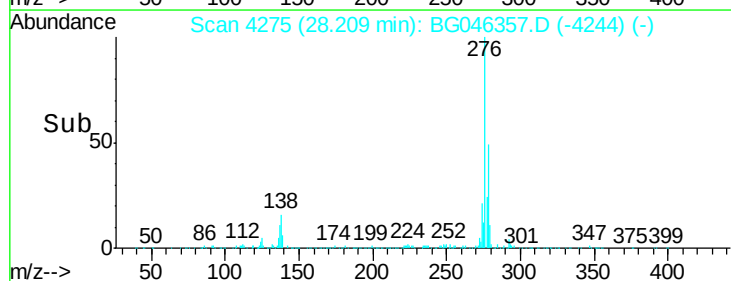
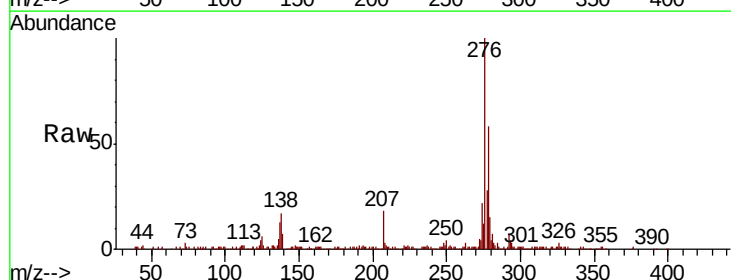
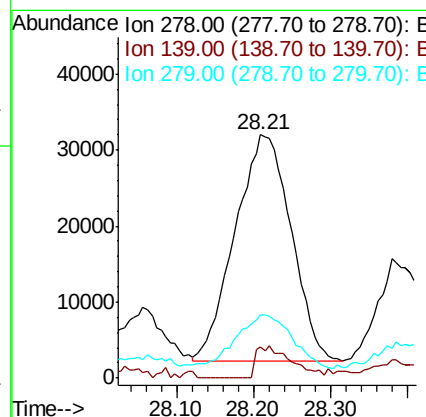
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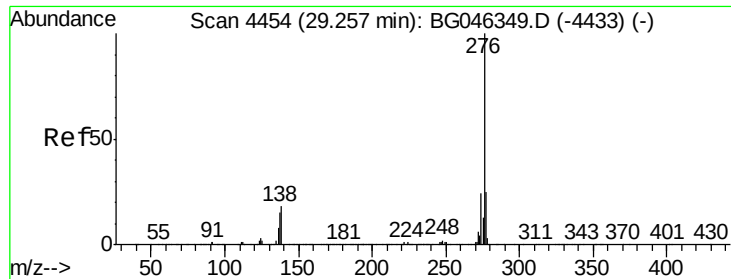
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#29
 Dibenzo(a,h)anthracene
 Concen: 3.667 ng/ul
 RT: 28.21 min Scan# 4275
 Delta R.T. -0.02 min
 Lab File: BG046357.D
 Acq: 19 Aug 2020 22:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.8
279	25.8	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 9.489 ng/ul

RT: 29.26 min Scan# 4454

Delta R.T. 0.00 min

Lab File: BG046357.D

Acq: 19 Aug 2020 22:07

Instrument :

BNA_G

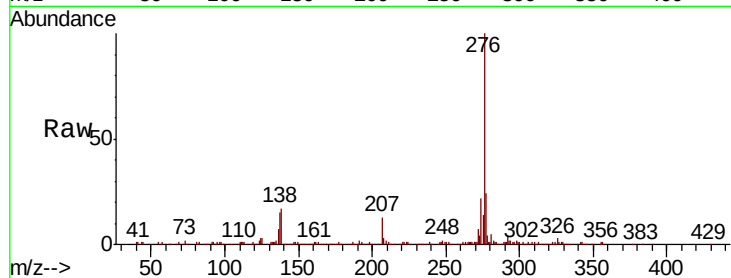
ClientSampleId :

BFME0

Tot Ion:	276	Resp:	402553
Ion Ratio	Lower	Upper	
276	100		
138	16.9	12.9	19.3
277	24.0	19.4	29.0

Manual Integrations
APPROVED

mohammad
8/20/2020 12:23:15 PM



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

