

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046415.D
 Acq On : 21 Aug 2020 16:00
 Operator : CG/JU
 Sample : L3635-19DL 5X
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ5DL

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:46:57 PM

Quant Time: Aug 21 16:36:33 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	104681	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	431025	20.00	ng/ul	0.01
6) Acenaphthene-d10	14.57	164	283510	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	602446	20.00	ng/ul	0.01
18) Chrysene-d12	21.57	240	577558	20.00	ng/ul	0.01
23) Perylene-d12	24.69	264	638551	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.37	165	34844	4.69	ng/ul	0.01
7) Acenaphthylene-d8	14.26	160	137988	5.29	ng/ul	0.00
10) Fluorene-d10	15.56	176	103009	5.15	ng/ul	0.00
15) Anthracene-d10	17.41	188	154086	5.52	ng/ul	0.00
19) Pyrene-d10	19.70	212	168862	5.68	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	179885	5.16	ng/ul	0.02
Target Compounds						
						Qvalue
14) Phenanthrene	17.36	178	185398	5.594	ng/ul	99
17) Fluoranthene	19.37	202	365483	9.890	ng/ul	98
20) Pyrene	19.73	202	397553	10.486	ng/ul	98
21) Benzo(a)anthracene	21.55	228	242665	6.458	ng/ul	96
22) Chrysene	21.61	228	242725	6.682	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	488340	11.565	ng/ul	98
25) Benzo(k)fluoranthene	23.76	252	212357m	5.070	ng/ul	
27) Benzo(a)pyrene	24.54	252	454259	11.718	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.21	276	309184	6.370	ng/ul	97
29) Dibenzo(a,h)anthracene	28.26	278	109323m	2.778	ng/ul	
30) Benzo(g,h,i)perylene	29.32	276	260044	6.401	ng/ul	97

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

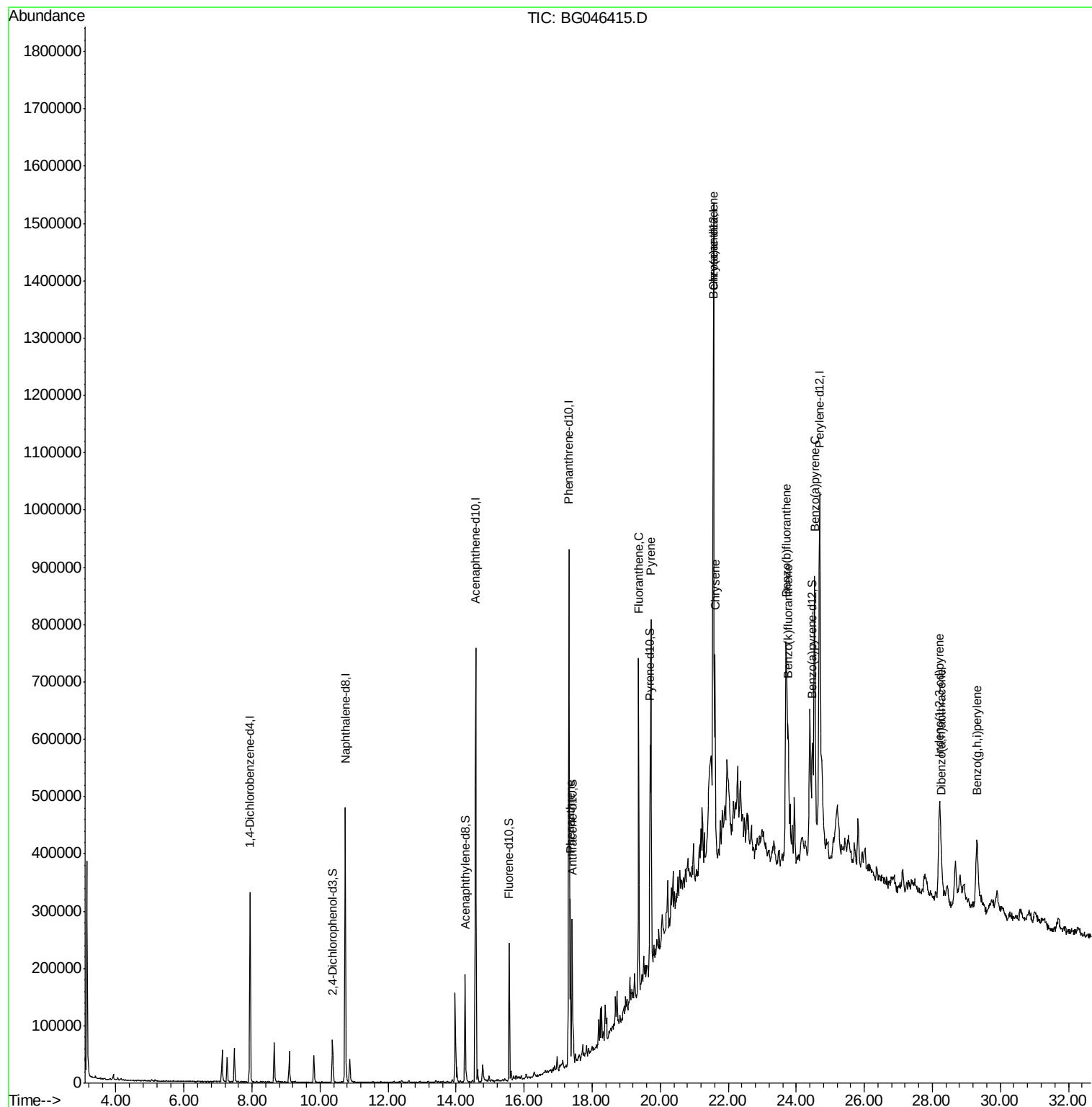
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046415.D
Acq On : 21 Aug 2020 16:00
Operator : CG/JU
Sample : L3635-19DL 5X
Misc :
ALS Vial : 79 Sample Multiplier: 1

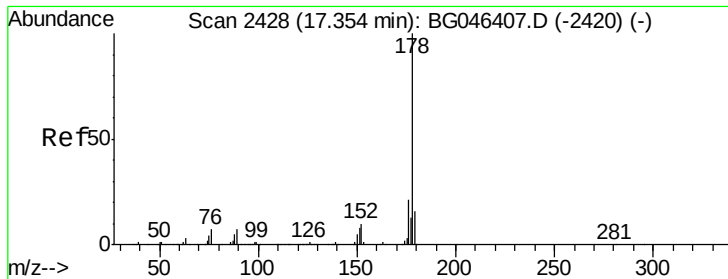
Instrument :
BNA_G
ClientSampleId :
BFMJ5DL

Manual Integrations
APPROVED

Sohil
8/24/2020 1:46:57 PM

Quant Time: Aug 21 16:36:33 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





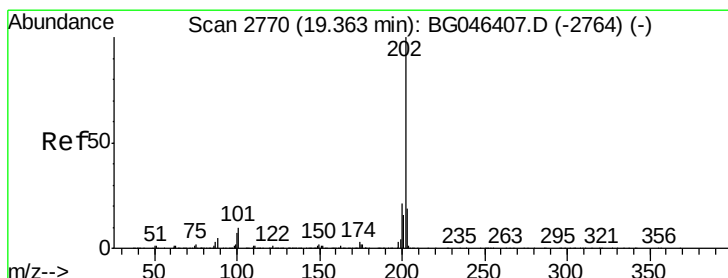
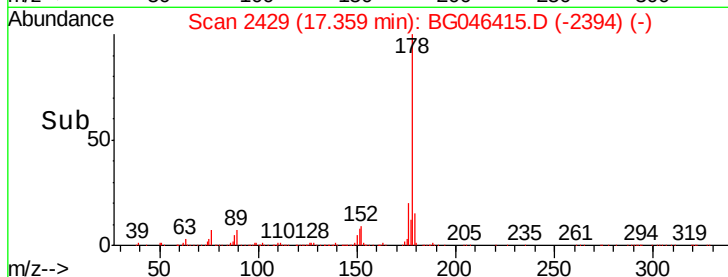
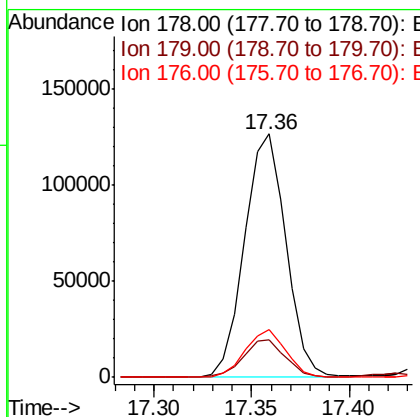
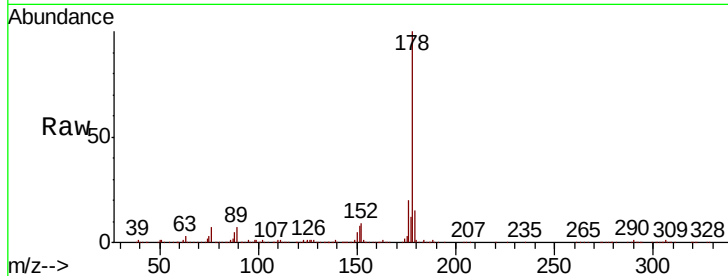
#14
Phenanthrene
Concen: 5.594 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046415.D
Acq: 21 Aug 2020 16:00

Instrument :
BNA_G
ClientSampleId :
BFMJ5DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.7	15.8	23.8

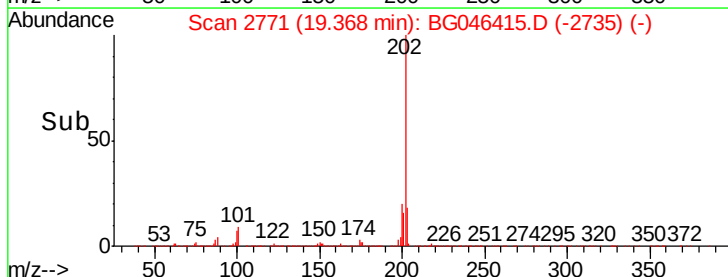
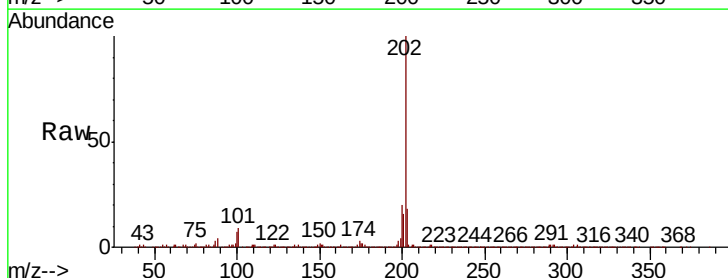
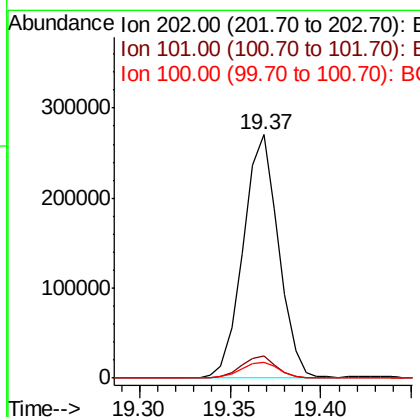
Manual Integrations
APPROVED

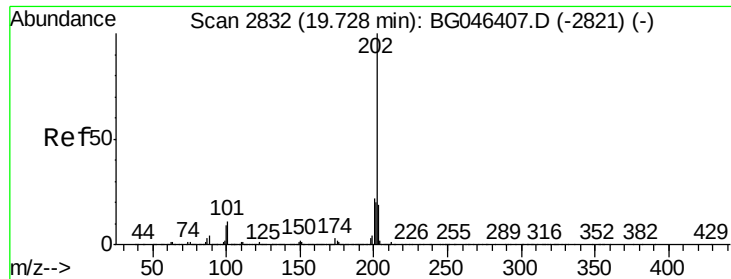
Sohil
8/24/2020 1:46:57 PM



#17
Fluoranthene
Concen: 9.890 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG046415.D
Acq: 21 Aug 2020 16:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.8	11.6
100	6.7	5.9	8.9





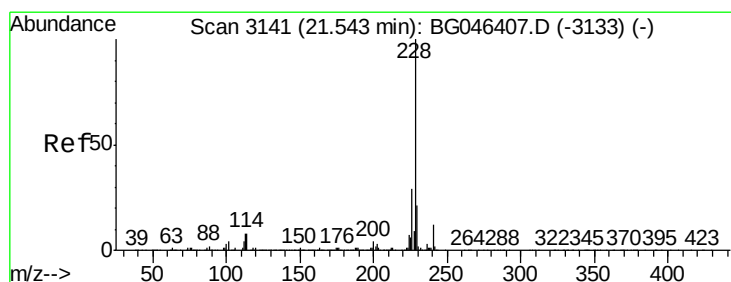
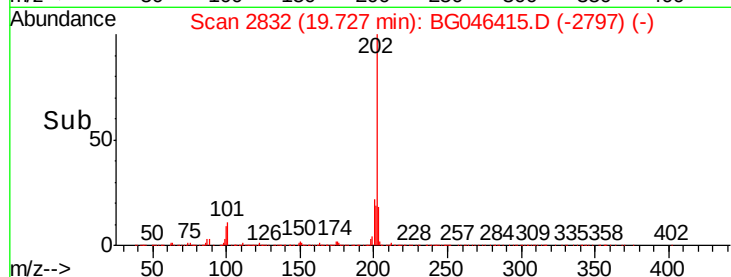
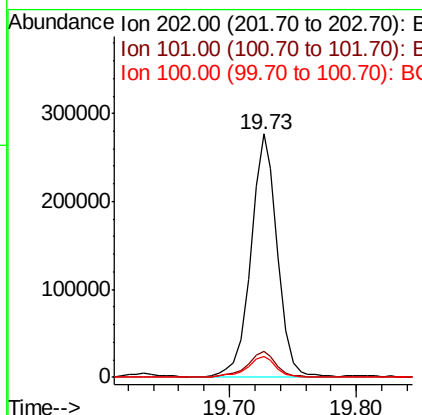
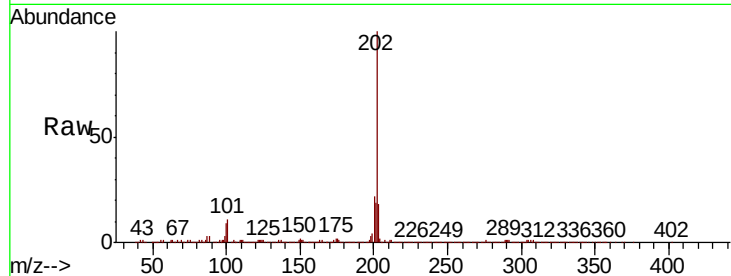
#20
Pvrene
Concen: 10.486 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046415.D
Acq: 21 Aug 2020 16:00

Instrument :
BNA_G
ClientSampled :
BFMJ5DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	8.9	13.3
100	8.7	7.9	11.9

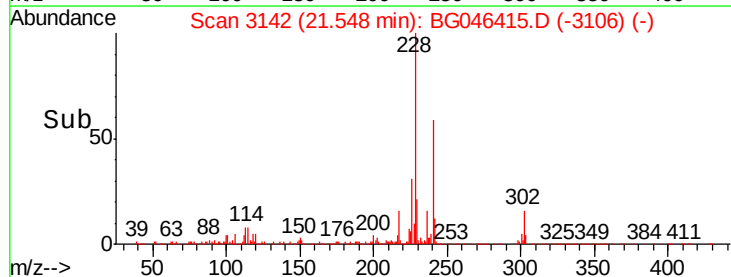
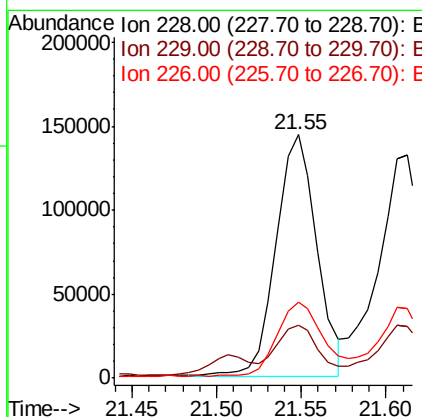
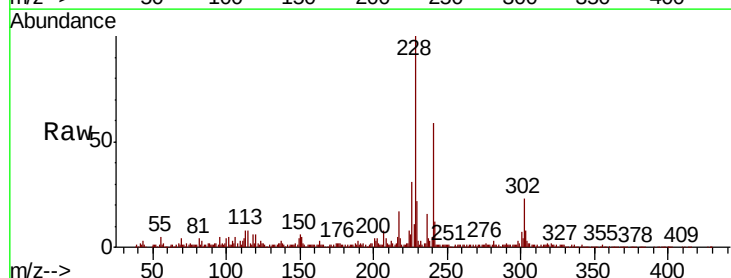
Manual Integrations
APPROVED

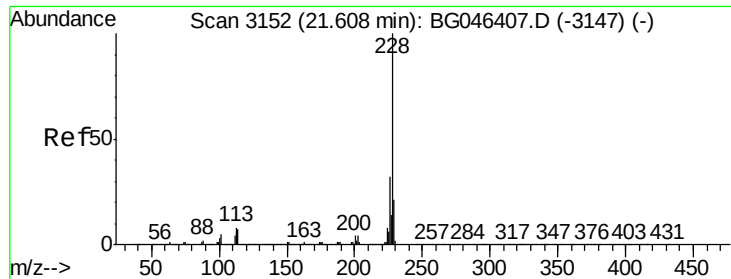
Sohil
8/24/2020 1:46:57 PM



#21
Benzo(a)anthracene
Concen: 6.458 ng/ul
RT: 21.55 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG046415.D
Acq: 21 Aug 2020 16:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.8	16.6	25.0
226	31.3	22.6	33.8





#22

Chrysene

Concen: 6.682 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG046415.D

Acq: 21 Aug 2020 16:00

Instrument :

BNA_G

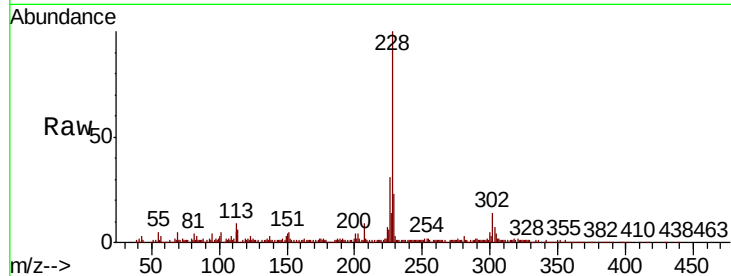
ClientSampleId :

BFMJ5DL

Tot Ion:	228	Resp:	242725
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.5	38.3
229	23.3	17.0	25.4

Manual Integrations
APPROVED

Sohil
8/24/2020 1:46:57 PM

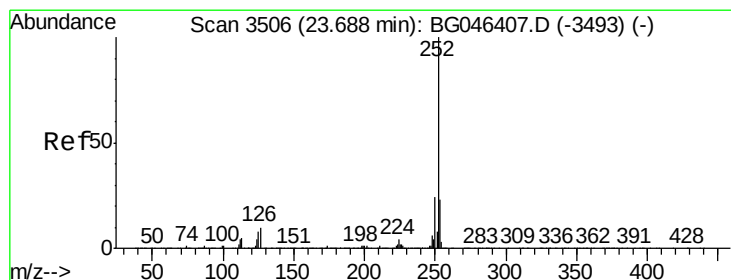
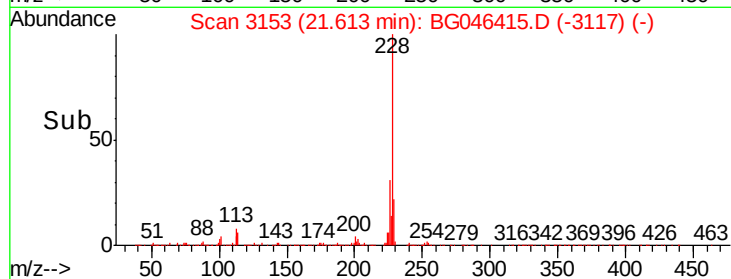
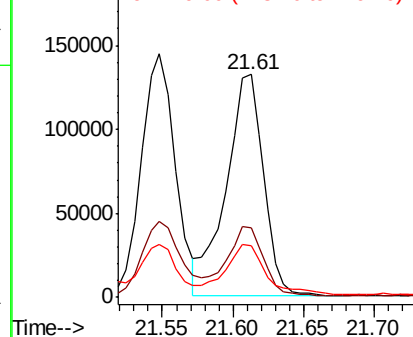


Abundance

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: 11.565 ng/ul

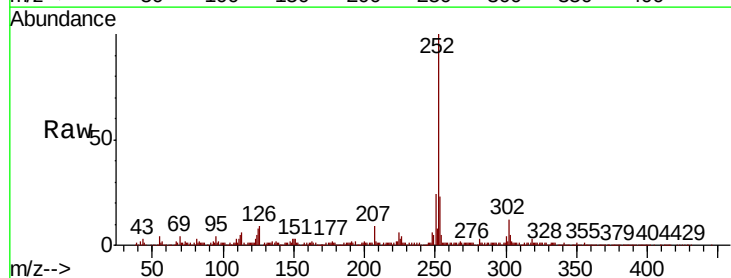
RT: 23.70 min Scan# 3509

Delta R.T. 0.02 min

Lab File: BG046415.D

Acq: 21 Aug 2020 16:00

Tgt Ion:	252	Resp:	488340
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	8.4	6.4	9.6

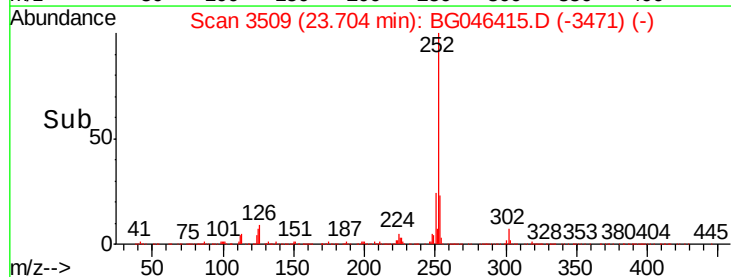
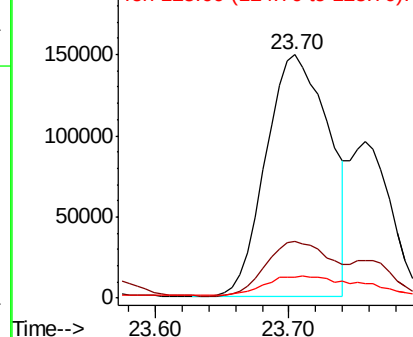


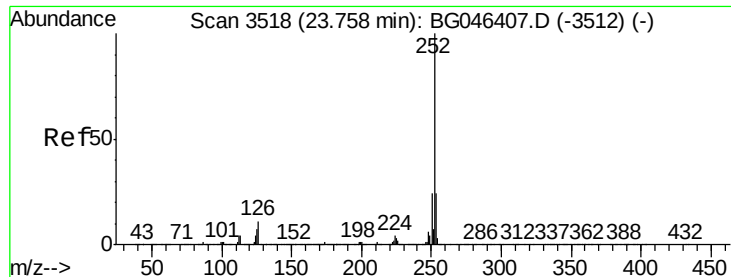
Abundance

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





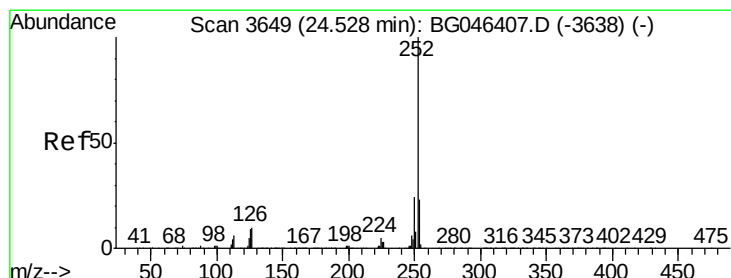
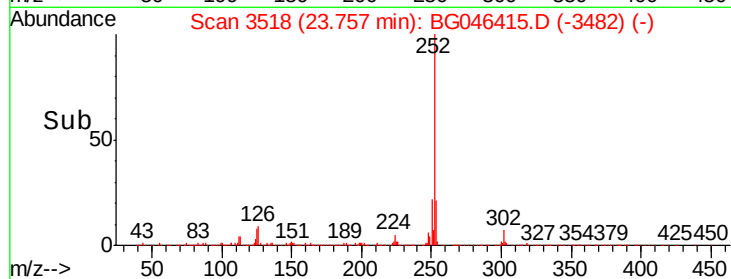
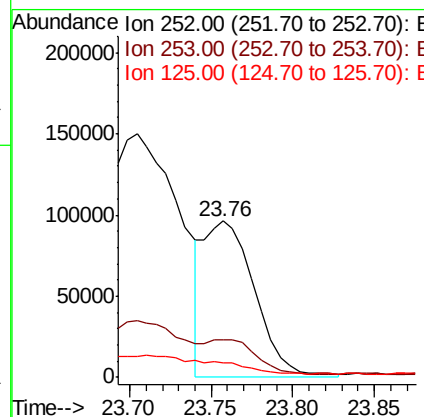
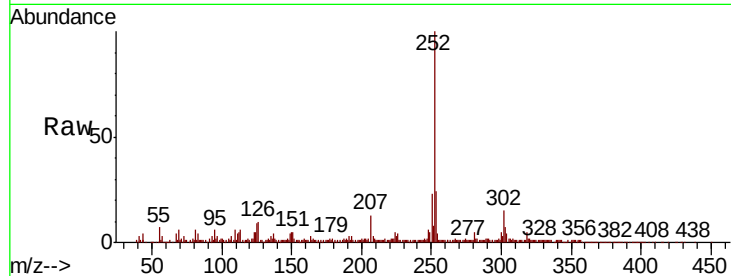
#25
Benzo(k)fluoranthene
Concen: 5.070 ng/ul m
RT: 23.76 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BG046415.D
Acq: 21 Aug 2020 16:00

Instrument :
BNA_G
ClientSampleId :
BFMJ5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	9.5	6.2	9.2#

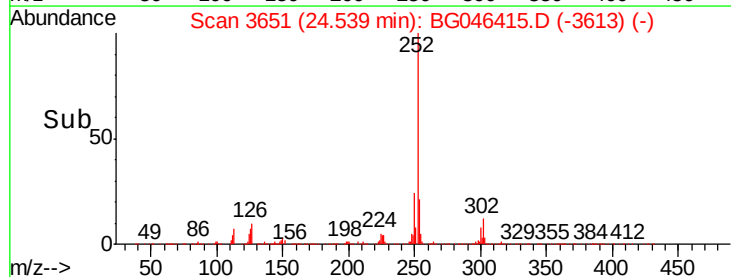
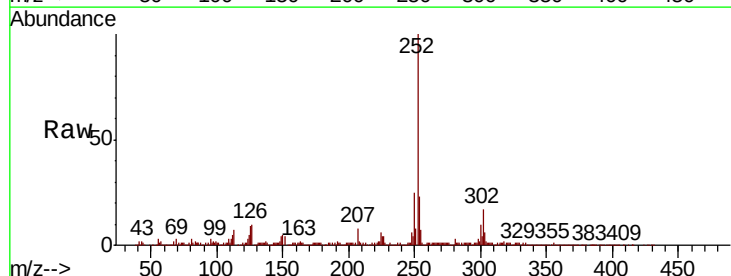
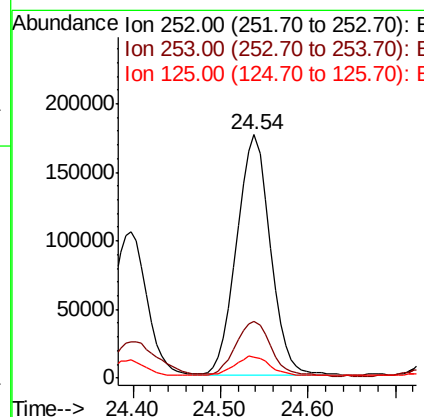
Manual Integrations
APPROVED

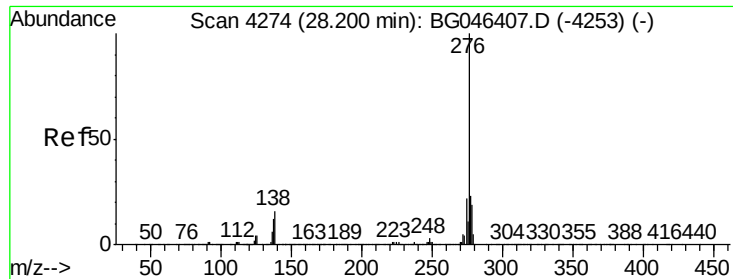
Sohil
8/24/2020 1:46:57 PM



#27
Benzo(a)pyrene
Concen: 11.718 ng/ul
RT: 24.54 min Scan# 3651
Delta R.T. 0.02 min
Lab File: BG046415.D
Acq: 21 Aug 2020 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	8.5	7.1	10.7





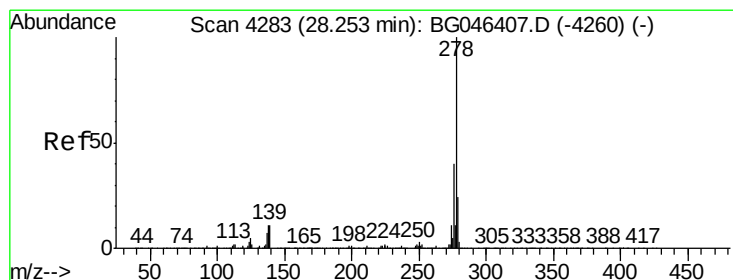
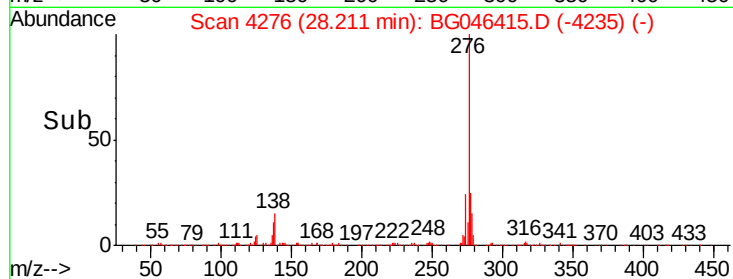
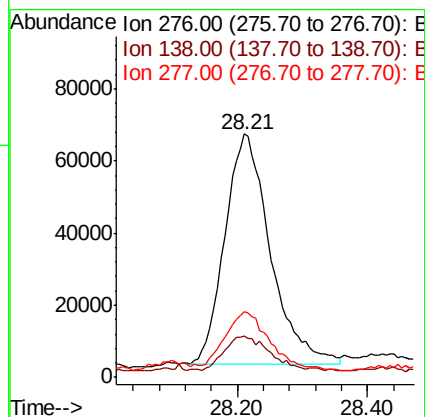
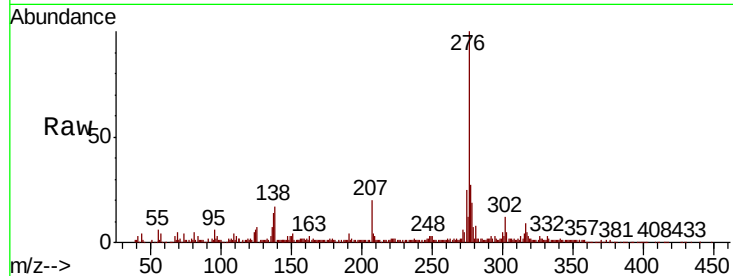
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 6.370 ng/ul
 RT: 28.21 min Scan# 4276
 Delta R.T. 0.04 min
 Lab File: BG046415.D
 Acq: 21 Aug 2020 16:00

Instrument :
 BNA_G
 ClientSampleId :
 BFMJ5DL

Tot Ion:	276	Resp:	309184
Ion Ratio	Lower	Upper	
276	100		
138	16.7	13.2	19.8
277	27.0	19.9	29.9

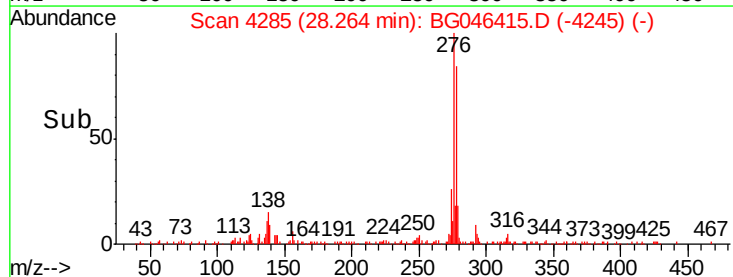
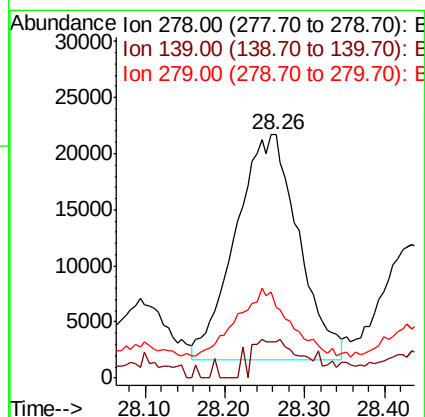
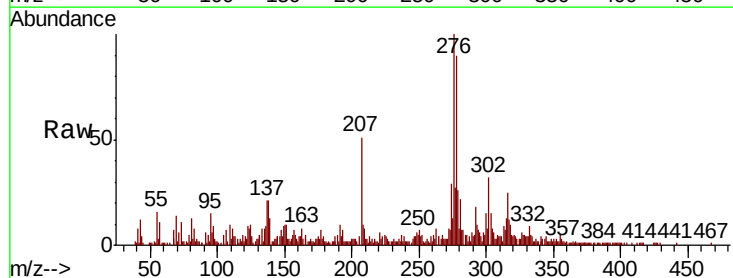
Manual Integrations
 APPROVED

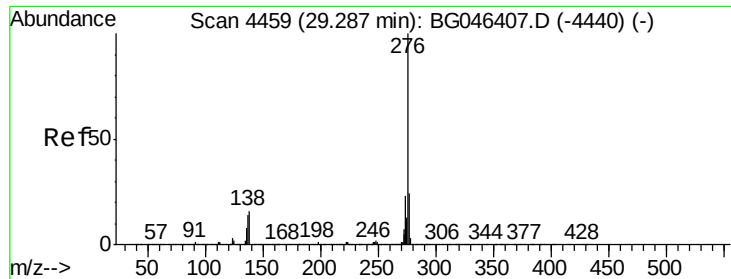
Sohil
 8/24/2020 1:46:57 PM



#29
 Dibenzo(a,h)anthracene
 Concen: 2.778 ng/ul m
 RT: 28.26 min Scan# 4285
 Delta R.T. 0.03 min
 Lab File: BG046415.D
 Acq: 21 Aug 2020 16:00

Tgt Ion:	278	Resp:	109323
Ion Ratio	Lower	Upper	
278	100		
139	14.7	9.8	14.8
279	29.3	19.7	29.5





#30

Benzo(a,h,i)perylene

Concen: 6.401 ng/ul

RT: 29.32 min Scan# 4464

Delta R.T. 0.05 min

Lab File: BG046415.D

Acq: 21 Aug 2020 16:00

Instrument :

BNA_G

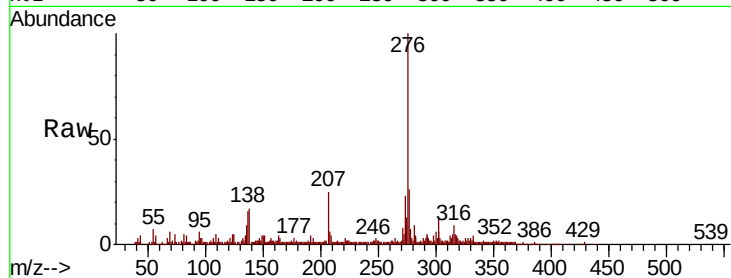
ClientSampleId :

BFMJ5DL

Tot Ion:	276	Resp:	260044
Ion Ratio	Lower	Upper	
276	100		
138	17.0	12.9	19.3
277	25.8	19.4	29.0

Manual Integrations
APPROVED

Sohil
8/24/2020 1:46:57 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

