

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
 Data File : BG051259.D
 Acq On : 26 Nov 2021 15:59
 Operator : CG/JU
 Sample : M4702-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLP3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 21:43:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	32721	20.000	ng/u1	0.00
20) Naphthalene-d8	11.028	136	142709	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.836	164	88380	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.585	188	173150	20.000	ng/u1	0.00
79) Chrysene-d12	21.886	240	144407	20.000	ng/u1	0.00
88) Perylene-d12	25.300	264	144773	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.543	96	1930	2.050	ng/uL	0.00
4) Pyridine-d5	3.978	84	19842	7.181	ng/u1	0.00
7) Phenol-d5	7.368	99	44466	13.750	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.515	67	28053	13.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.738	132	33907	14.560	ng/u1	0.00
15) 4-Methylphenol-d8	8.919	113	34178	13.097	ng/u1	0.00
21) Nitrobenzene-d5	9.377	128	17370	14.419	ng/u1	0.00
24) 2-Nitrophenol-d4	10.106	143	19670	14.475	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.658	165	34382	14.912	ng/u1	0.00
31) 4-Chloroaniline-d4	11.169	131	24210	7.176	ng/u1	0.00
46) Dimethylphthalate-d6	14.225	166	108594	15.969	ng/u1	0.00
49) Acenaphthylene-d8	14.530	160	137194	15.999	ng/u1	0.00
54) 4-Nitrophenol-d4	15.059	143	13041	11.847	ng/u1	0.01
60) Fluorene-d10	15.823	176	95344	15.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.958	200	7663	7.172	ng/u1	0.00
73) Anthracene-d10	17.685	188	142909	17.257	ng/u1	0.00
81) Pyrene-d10	19.965	212	157662	18.044	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.065	264	132511	17.138	ng/u1	0.02
Target Compounds					Qvalue	
72) Phenanthrene	17.627	178	26476	2.769	ng/u1	97
80) Fluoranthene	19.630	202	65916	6.142	ng/u1	96
82) Pyrene	19.994	202	68795	6.553	ng/u1	96
85) Benzo(a)anthracene	21.869	228	35445	3.619	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.728	149	16430	2.616	ng/u1#	98
87) Chrysene	21.933	228	37755m	4.013	ng/u1	
90) Benzo(b)fluoranthene	24.207	252	57189	5.853	ng/u1	97
91) Benzo(k)fluoranthene	24.272	252	14161m	1.545	ng/u1	
93) Benzo(a)pyrene	25.135	252	36903	3.959	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	29.242	276	27919m	2.677	ng/u1	
96) Benzo(g,h,i)perylene	30.470	276	24473	2.789	ng/u1#	91

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

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Misc :
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BNA_G

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DBLP3

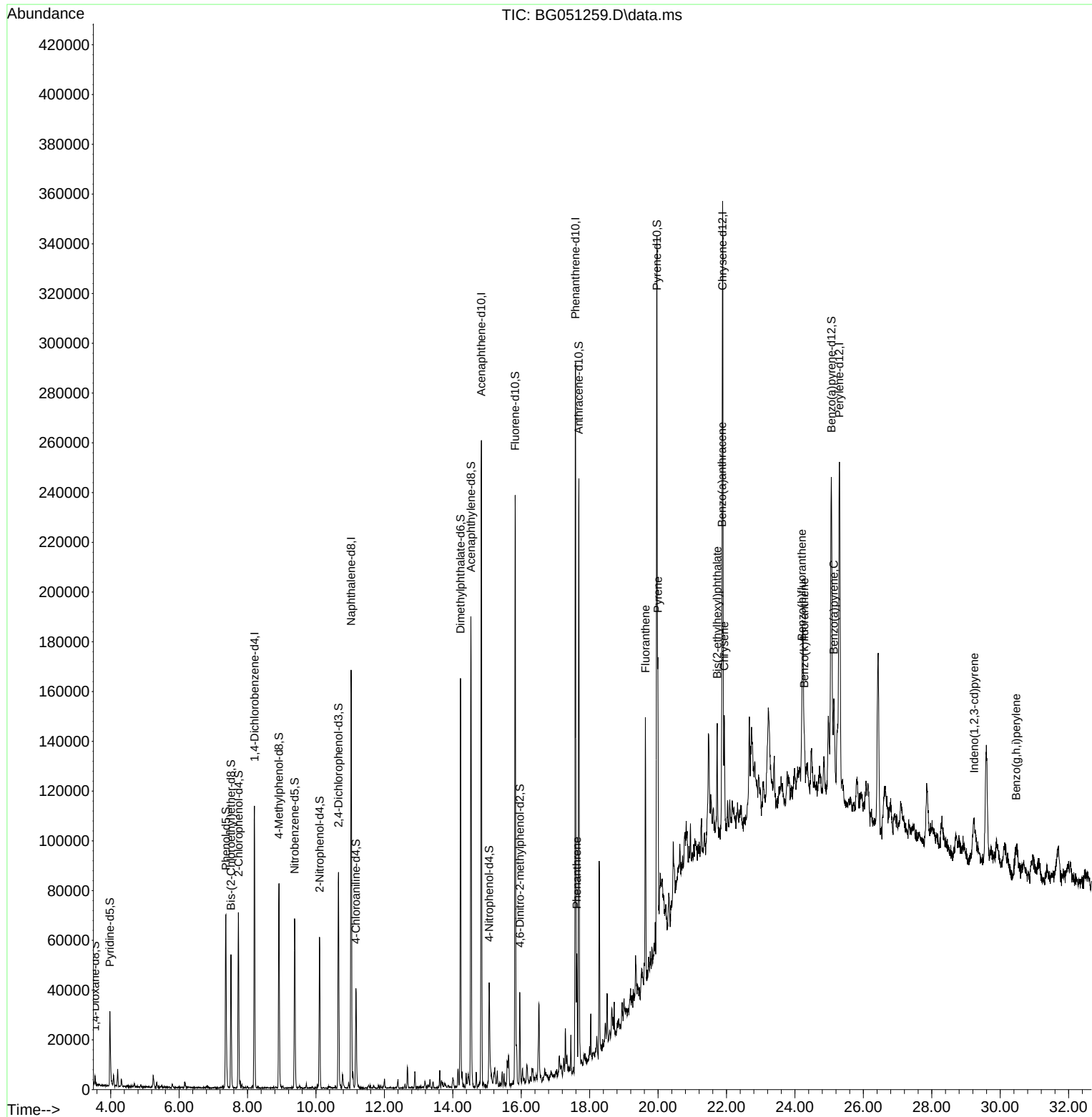
Manual Integrations

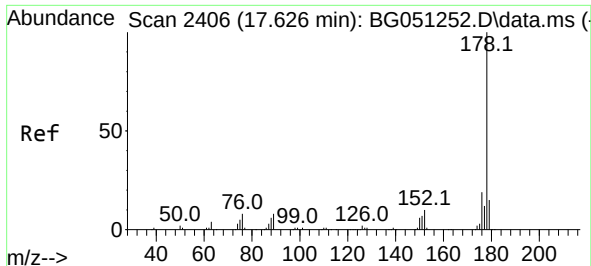
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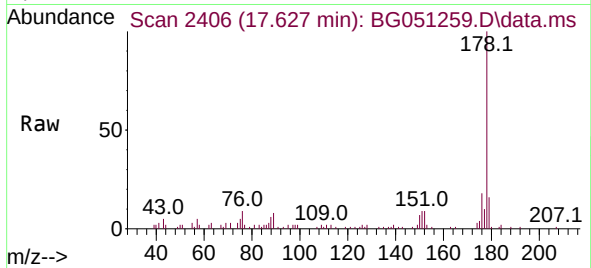
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QLast Update : Wed Nov 24 06:04:50 2021
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#72
Phenanthrene
Concen: 2.769 ng/ul
RT: 17.627 min Scan# 2406
Delta R.T. 0.005 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

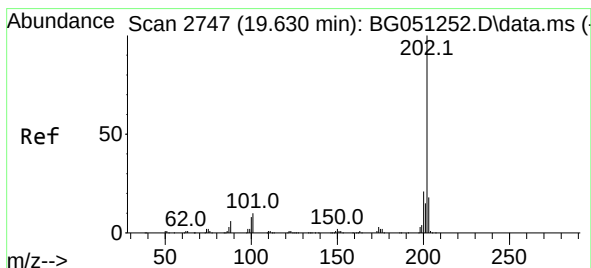
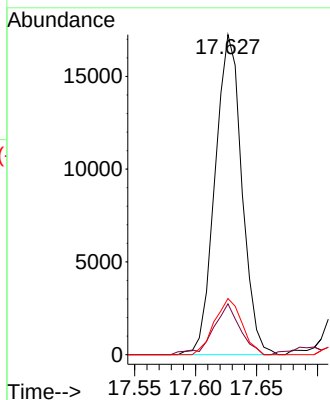
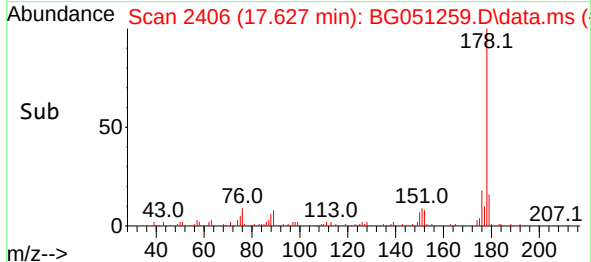
Instrument :
BNA_G
ClientSampleId :
DBLP3



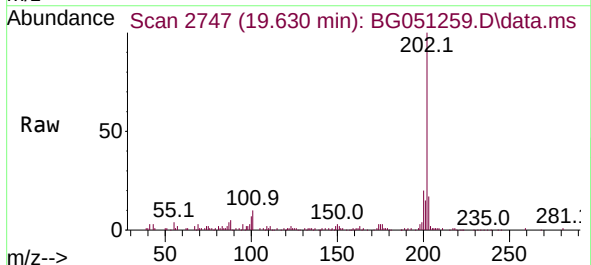
Tgt Ion:178 Resp: 26470
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 17.6 15.5 23.3

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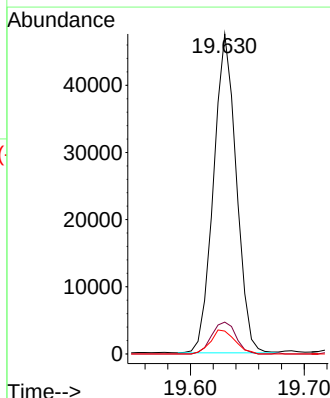
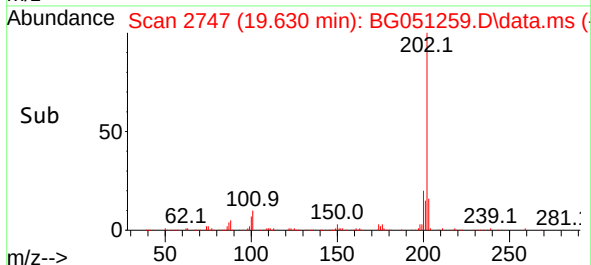
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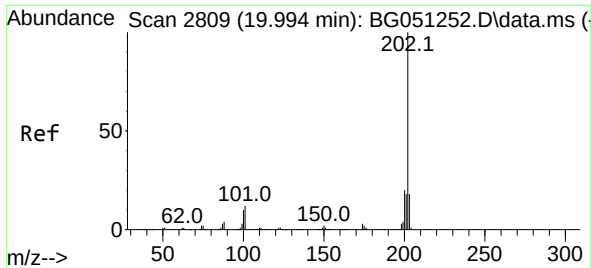


#80
Fluoranthene
Concen: 6.142 ng/ul
RT: 19.630 min Scan# 2747
Delta R.T. 0.005 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59



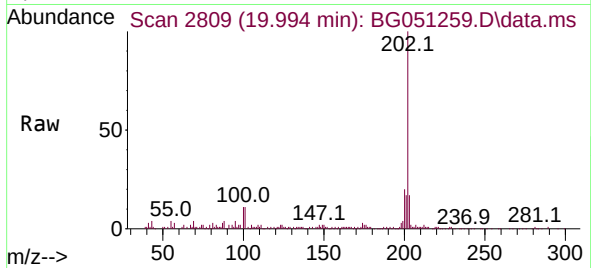
Tgt Ion:202 Resp: 65916
Ion Ratio Lower Upper
202 100
101 10.0 9.3 13.9
100 7.2 7.0 10.6





#82
Pyrene
Concen: 6.553 ng/uI
RT: 19.994 min Scan# 2809
Delta R.T. 0.005 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

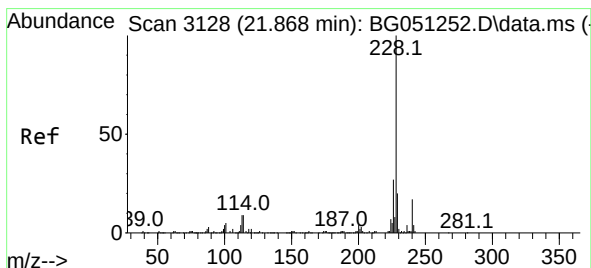
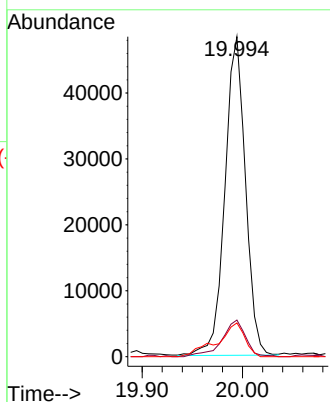
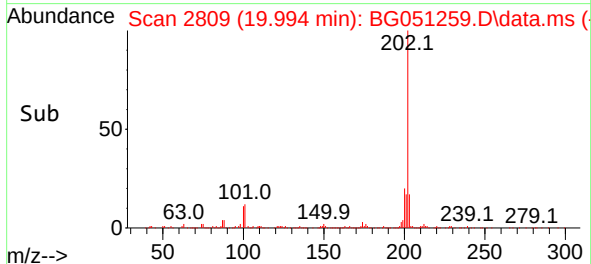
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:202 Resp: 6879
Ion Ratio Lower Upper
202 100
101 11.5 10.7 16.1
100 10.5 9.0 13.6

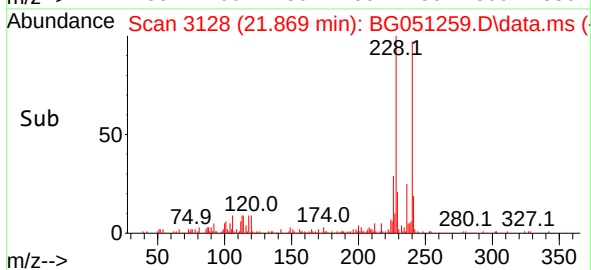
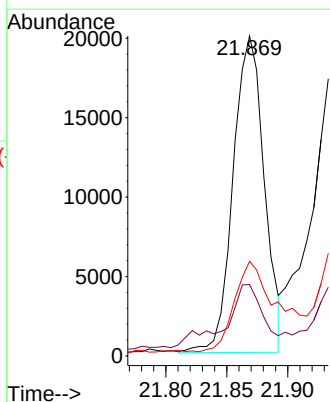
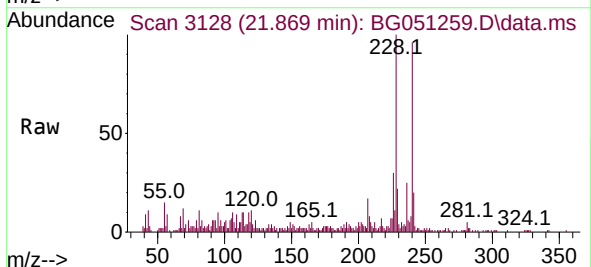
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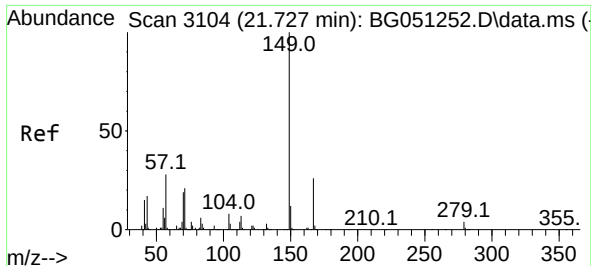
Reviewed By :Jagrut Upadhyay 11/30/2021
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#85
Benzo(a)anthracene
Concen: 3.619 ng/uI
RT: 21.869 min Scan# 3128
Delta R.T. 0.005 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

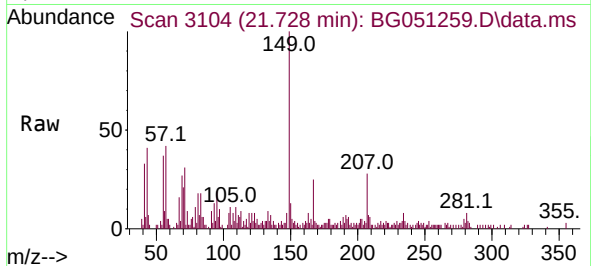
Tgt Ion:228 Resp: 35445
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 29.6 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.616 ng/ul
RT: 21.728 min Scan# 3104
Delta R.T. 0.005 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

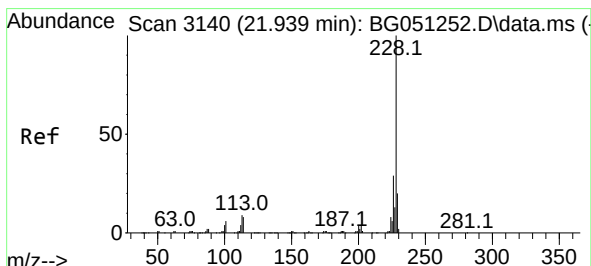
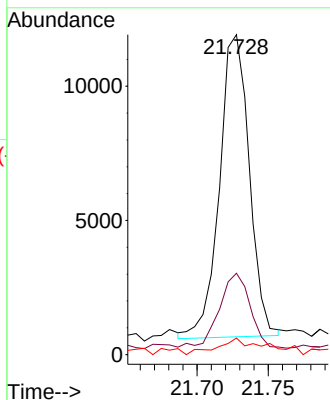
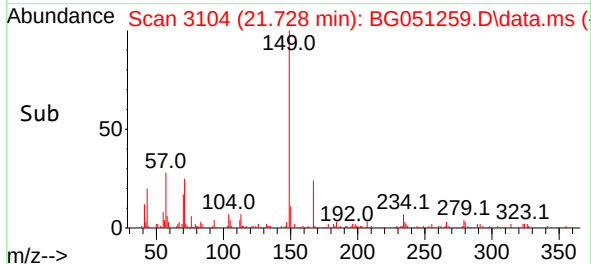
Instrument :
BNA_G
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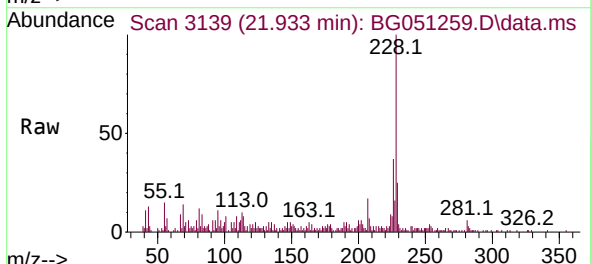
Tgt Ion:149 Resp: 16430
Ion Ratio Lower Upper
149 100
167 25.4 21.1 31.7
279 5.2 2.7 4.1

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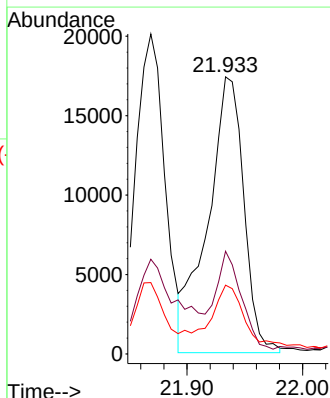
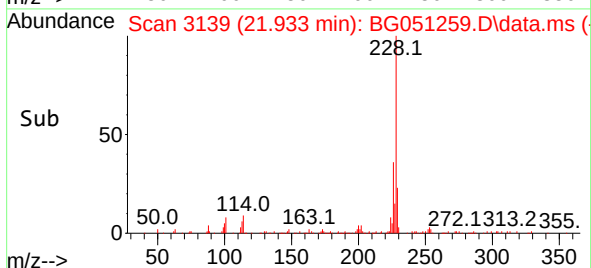
Reviewed By :Jagrut Upadhyay 11/30/2021
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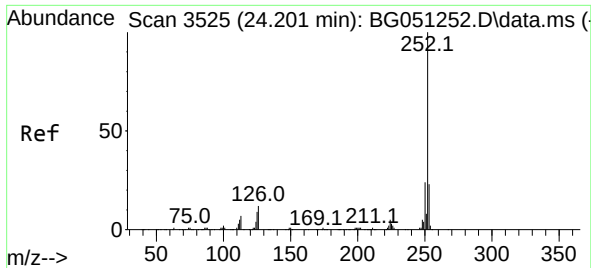


#87
Chrysene
Concen: 4.013 ng/ul m
RT: 21.933 min Scan# 3139
Delta R.T. -0.001 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59



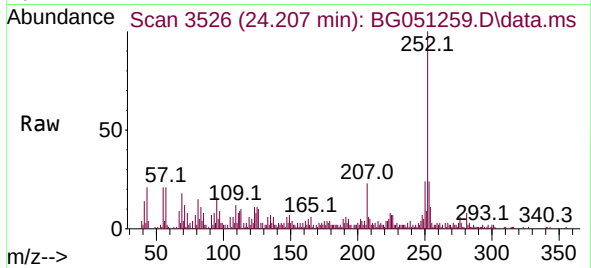
Tgt Ion:228 Resp: 37755
Ion Ratio Lower Upper
228 100
226 37.1 24.8 37.2
229 24.8 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 5.853 ng/ul
RT: 24.207 min Scan# 3525
Delta R.T. 0.017 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

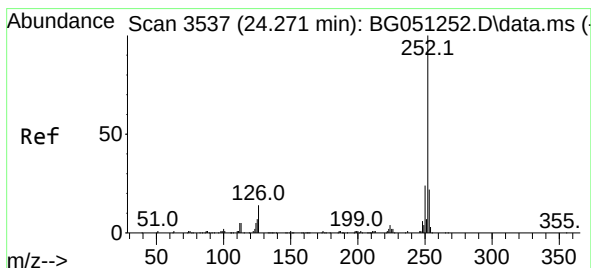
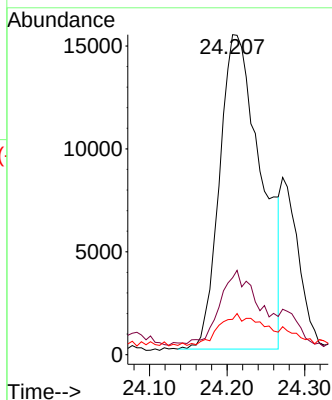
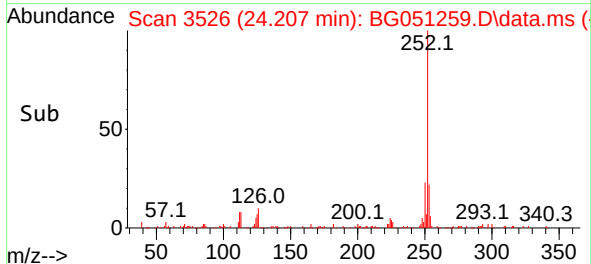
Instrument :
BNA_G
ClientSampleId :
DBLP3



Tgt Ion:252 Resp: 57189
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 11.1 8.5 12.7

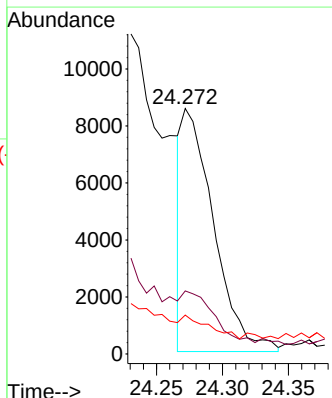
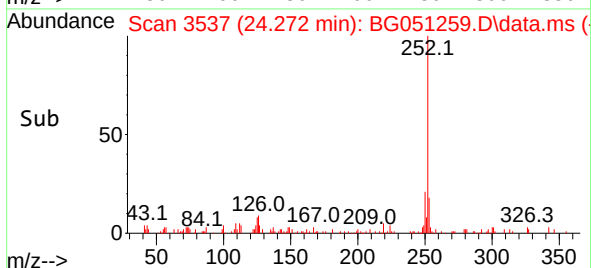
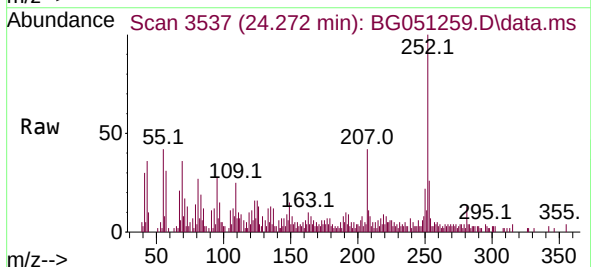
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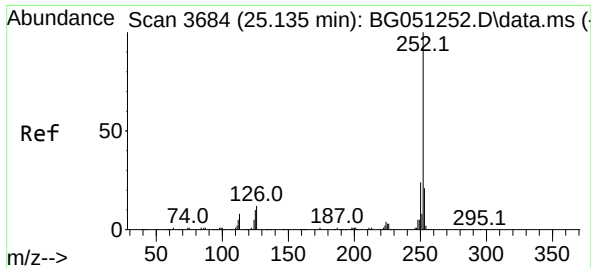
Reviewed By :Jagrut Upadhyay 11/30/2021
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#91
Benzo(k)fluoranthene
Concen: 1.545 ng/ul m
RT: 24.272 min Scan# 3537
Delta R.T. 0.011 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

Tgt Ion:252 Resp: 14161
Ion Ratio Lower Upper
252 100
253 25.7 17.3 25.9
125 15.8 7.8 11.6#





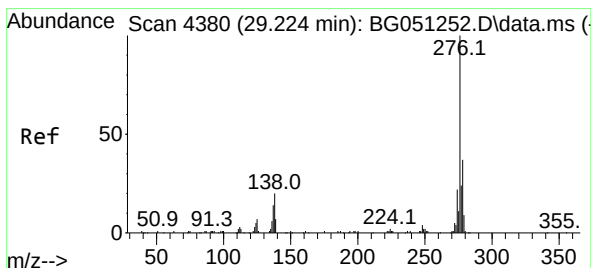
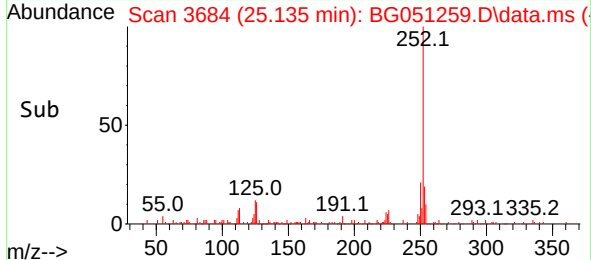
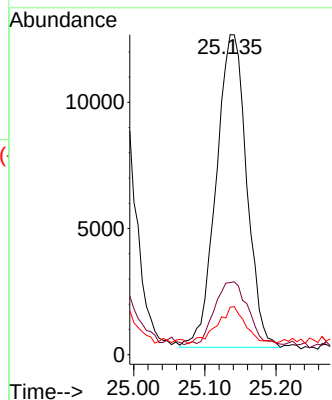
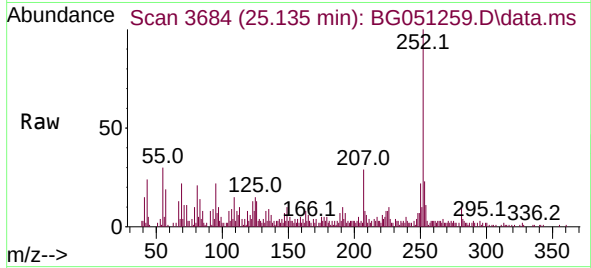
#93
Benzo(a)pyrene
Concen: 3.959 ng/ul
RT: 25.135 min Scan# 3684
Delta R.T. 0.011 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

Instrument :
BNA_G
ClientSampleId :
DBLP3

Tgt Ion:252 Resp: 3690
Ion Ratio Lower Upper
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253 22.6 17.4 26.2
125 14.9 9.1 13.7

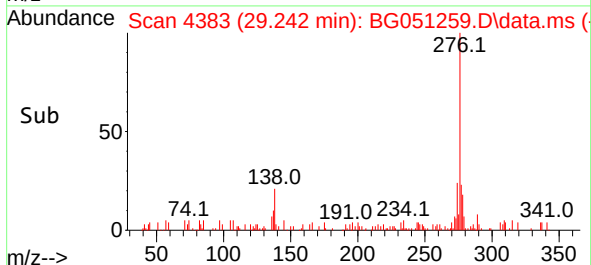
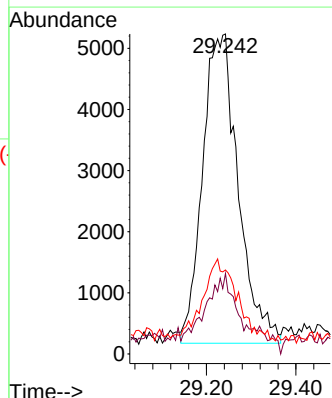
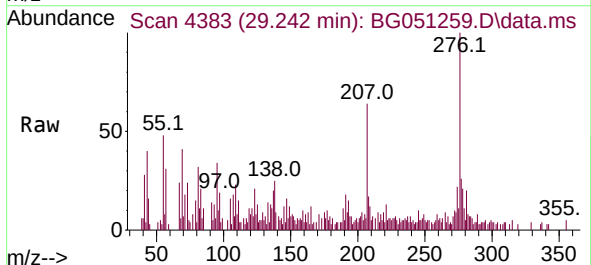
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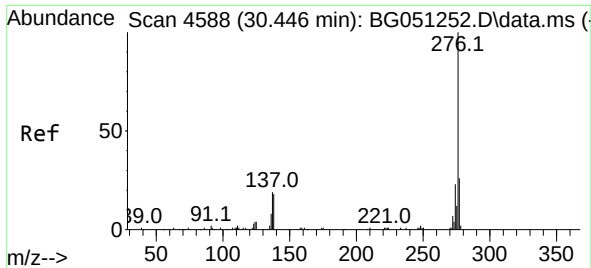
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.677 ng/ul m
RT: 29.242 min Scan# 4383
Delta R.T. 0.052 min
Lab File: BG051259.D
Acq: 26 Nov 2021 15:59

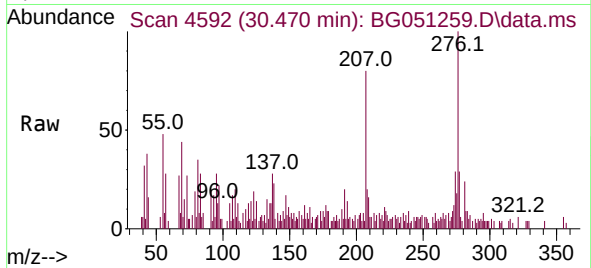
Tgt Ion:276 Resp: 27919
Ion Ratio Lower Upper
276 100
138 25.2 15.5 23.3#
277 26.2 20.5 30.7





#96
 Benzo(g,h,i)perylene
 Concen: 2.789 ng/ul
 RT: 30.470 min Scan# 4592
 Delta R.T. 0.058 min
 Lab File: BG051259.D
 Acq: 26 Nov 2021 15:59

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Tgt Ion:	276	Resp:	2447
Ion Ratio	Lower	Upper	
276	100		
138	22.6	16.6	24.8
277	28.6	17.6	26.4

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