

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051246.D
 Acq On : 25 Nov 2021 15:58
 Operator : CG/JU
 Sample : M4702-13
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBLP8

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 02:34:33 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	8.200	152	35778	20.000	ng/u1	0.00
20) Naphthalene-d8	11.027	136	162053	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	110229	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.584	188	217205	20.000	ng/u1	0.00
79) Chrysene-d12	21.884	240	178119	20.000	ng/u1	0.00
88) Perylene-d12	25.292	264	178956	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	2337	2.270	ng/uL	0.00
4) Pyridine-d5	3.982	84	15736	5.209	ng/u1	0.00
7) Phenol-d5	7.360	99	52176	14.755	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.513	67	33617	15.137	ng/u1	0.00
11) 2-Chlorophenol-d4	7.730	132	40103	15.749	ng/u1	0.00
15) 4-Methylphenol-d8	8.917	113	32457	11.374	ng/u1	0.00
21) Nitrobenzene-d5	9.381	128	22004	16.085	ng/u1	0.00
24) 2-Nitrophenol-d4	10.104	143	25382	16.449	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	40039	15.293	ng/u1	0.00
31) 4-Chloroaniline-d4	11.168	131	18579	4.850	ng/u1	0.00
46) Dimethylphthalate-d6	14.223	166	140949	16.618	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	175911	16.448	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	18546	13.509	ng/u1	0.00
60) Fluorene-d10	15.821	176	127953	16.753	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	15422	11.506	ng/u1	0.00
73) Anthracene-d10	17.683	188	179594	17.288	ng/u1	0.00
81) Pyrene-d10	19.963	212	204778	19.000	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.051	264	164569	17.219	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.625	178	55157	4.599	ng/u1	97
80) Fluoranthene	19.628	202	84257	6.365	ng/u1	96
82) Pyrene	19.993	202	65863	5.086	ng/u1	95
85) Benzo(a)anthracene	21.867	228	34420	2.849	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.720	149	8078	1.043	ng/u1	100
87) Chrysene	21.931	228	35824m	3.087	ng/u1	
90) Benzo(b)fluoranthene	24.205	252	46254	3.830	ng/u1#	90
91) Benzo(k)fluoranthene	24.264	252	13824	1.220	ng/u1#	89
93) Benzo(a)pyrene	25.134	252	25562	2.219	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	29.217	276	20793	1.613	ng/u1	95
96) Benzo(g,h,i)perylene	30.439	276	17374m	1.602	ng/u1	

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

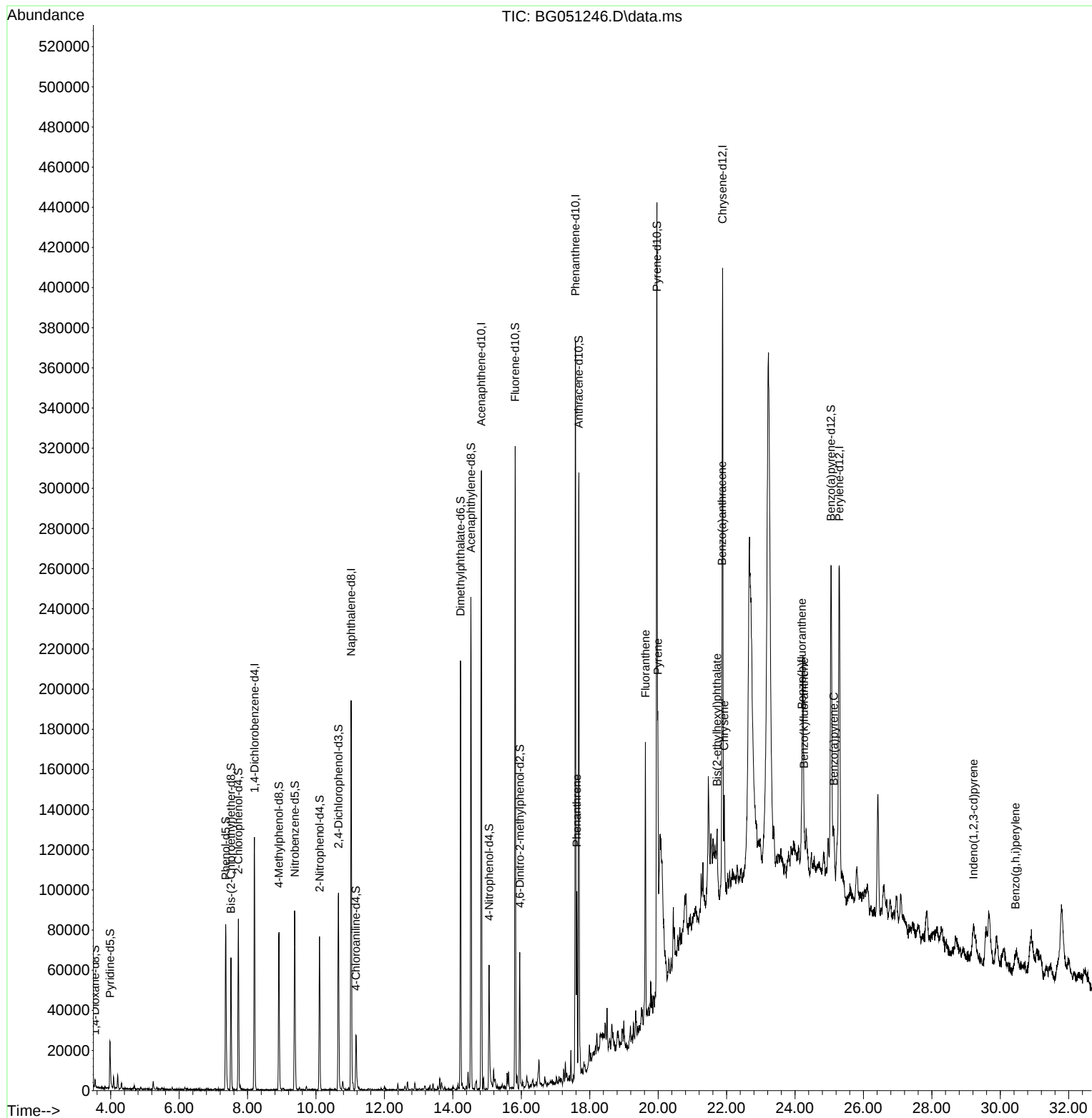
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
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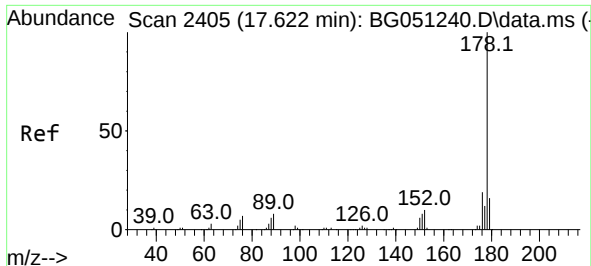
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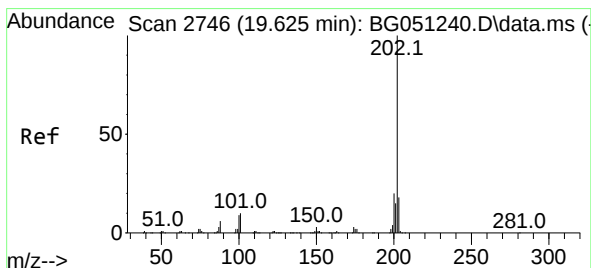
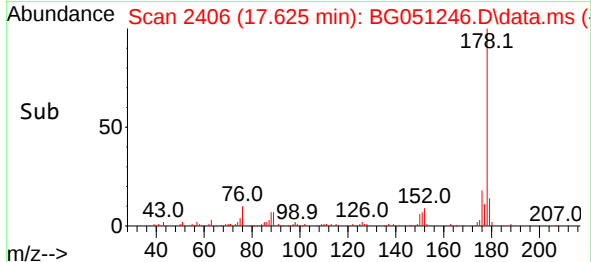
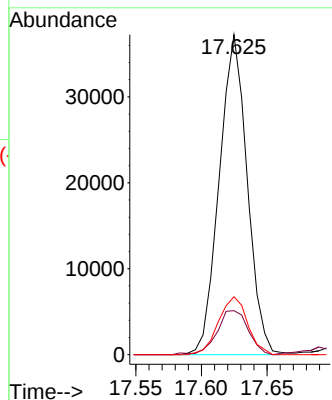
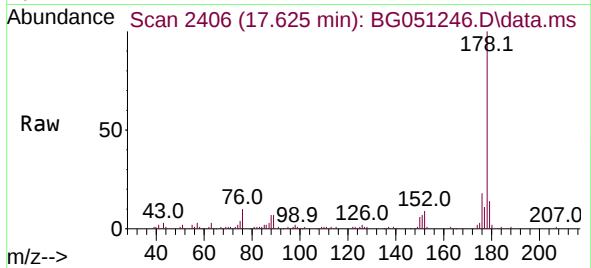
#72
Phenanthrene
Concen: 4.599 ng/u1
RT: 17.625 min Scan# 2406
Delta R.T. 0.003 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

Instrument :
BNA_G
ClientSampleId :
DBLP8

Tgt Ion:178 Resp: 5515
Ion Ratio Lower Upper
178 100
179 13.8 12.3 18.5
176 18.1 15.5 23.3

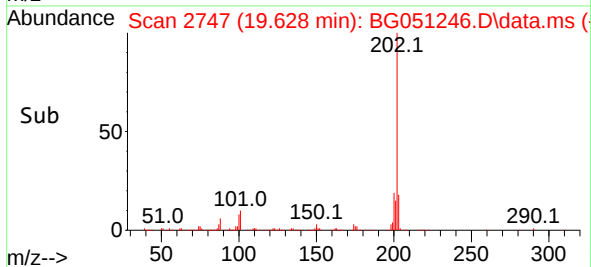
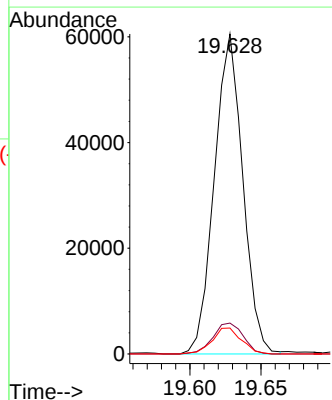
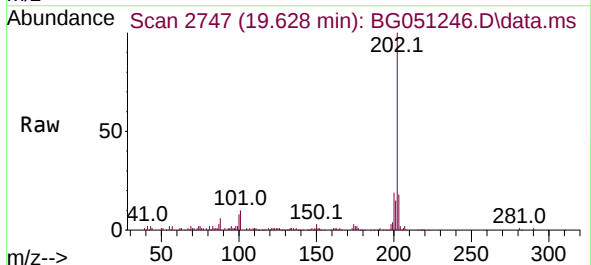
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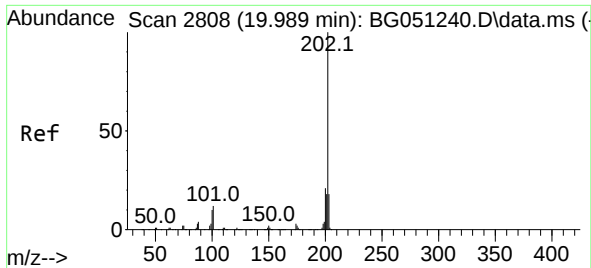
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#80
Fluoranthene
Concen: 6.365 ng/u1
RT: 19.628 min Scan# 2747
Delta R.T. 0.003 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

Tgt Ion:202 Resp: 84257
Ion Ratio Lower Upper
202 100
101 9.7 9.3 13.9
100 8.1 7.0 10.6





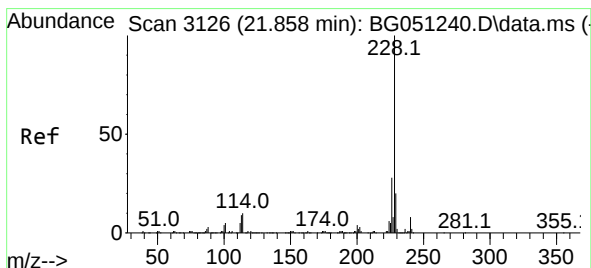
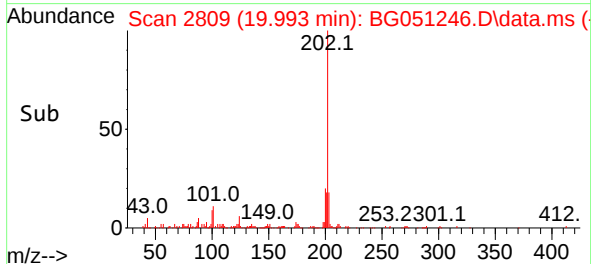
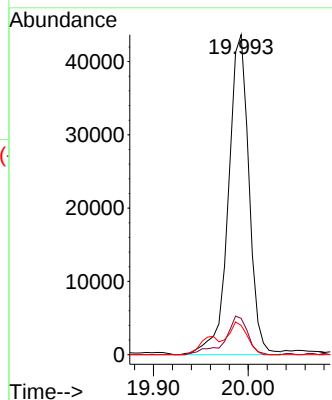
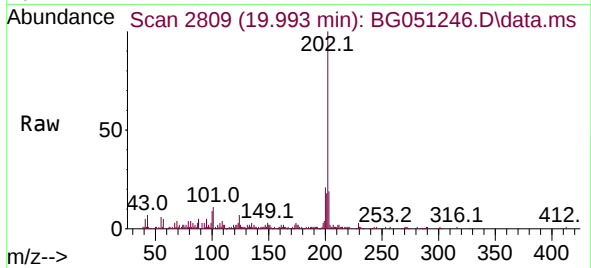
#82
Pyrene
Concen: 5.086 ng/ul
RT: 19.993 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

Instrument :
BNA_G
ClientSampleId :
DBLP8

Tgt Ion:202 Resp: 6586
Ion Ratio Lower Upper
202 100
101 11.4 10.7 16.1
100 9.1 9.0 13.6

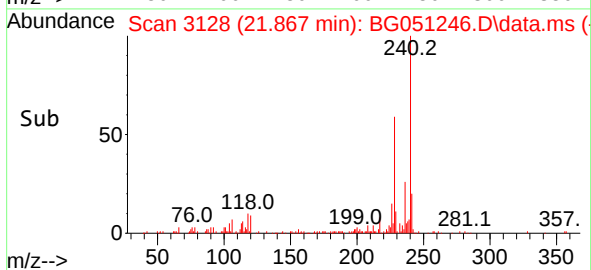
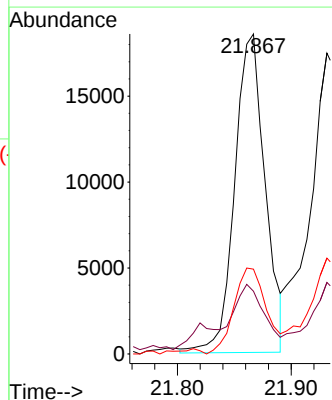
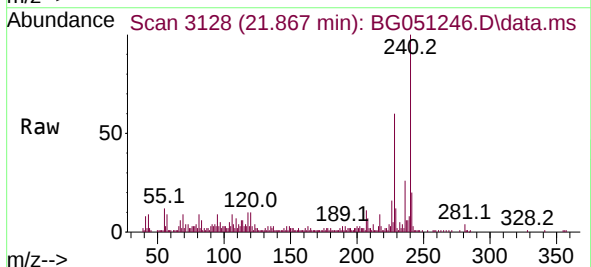
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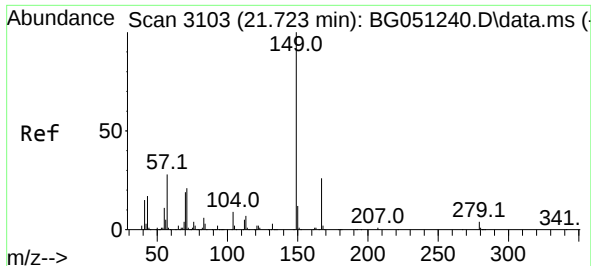
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Supervised By :Sohil Jodhani 11/30/2021



#85
Benzo(a)anthracene
Concen: 2.849 ng/ul
RT: 21.867 min Scan# 3128
Delta R.T. 0.003 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

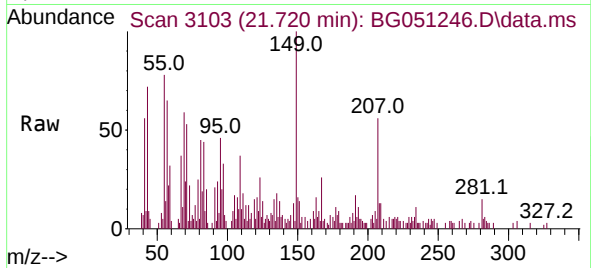
Tgt Ion:228 Resp: 34420
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 26.5 22.3 33.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.043 ng/ul
RT: 21.720 min Scan# 3103
Delta R.T. -0.003 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

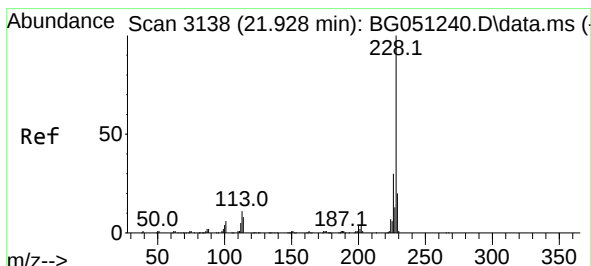
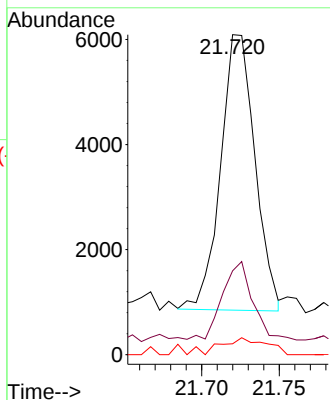
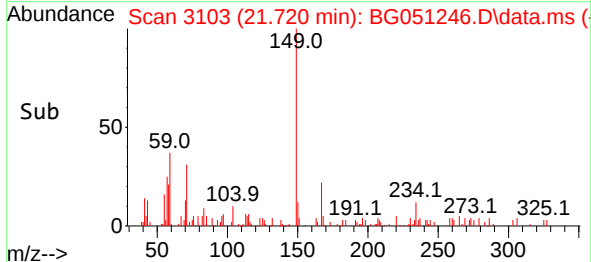
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:149 Resp: 8078
Ion Ratio Lower Upper
149 100
167 26.2 21.1 31.7
279 3.4 2.7 4.1

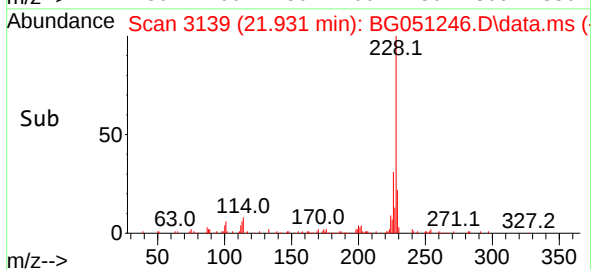
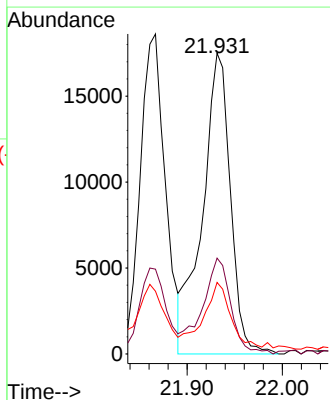
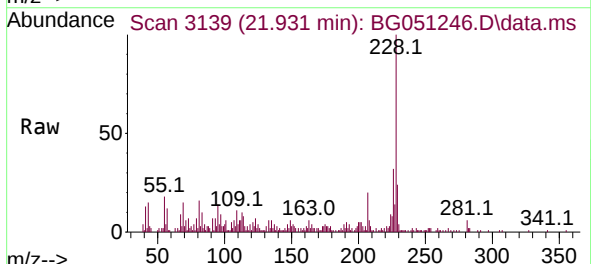
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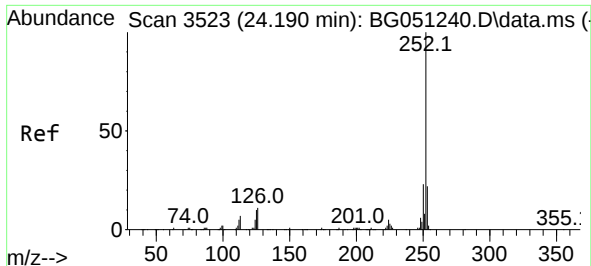
Reviewed By :Jagrut Upadhyay 11/30/2021
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#87
Chrysene
Concen: 3.087 ng/ul m
RT: 21.931 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

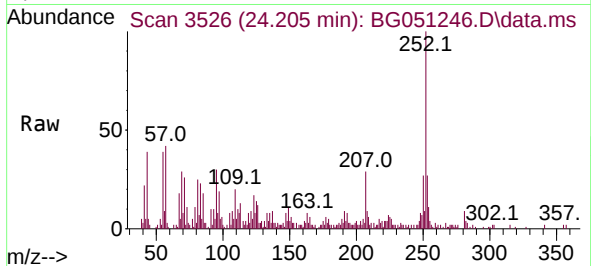
Tgt Ion:228 Resp: 35824
Ion Ratio Lower Upper
228 100
226 31.9 24.8 37.2
229 23.8 15.8 23.6#





#90
Benzo(b)fluoranthene
Concen: 3.830 ng/ul
RT: 24.205 min Scan# 3525
Delta R.T. 0.015 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

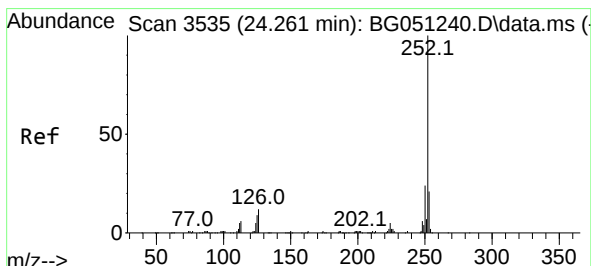
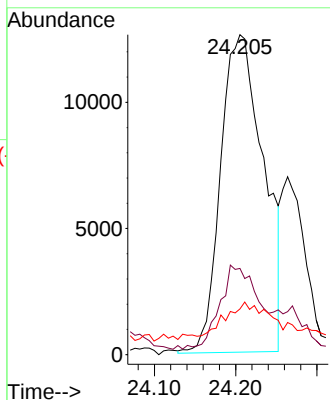
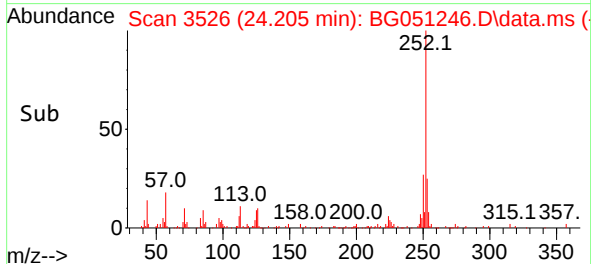
Instrument :
BNA_G
ClientSampleId :
DBLP8



Tgt Ion:252 Resp: 46254
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.6
125 14.3 8.5 12.7

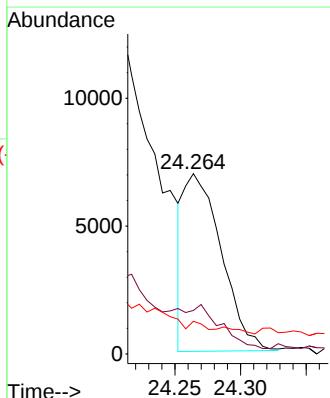
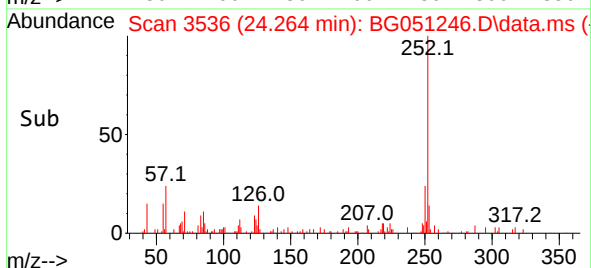
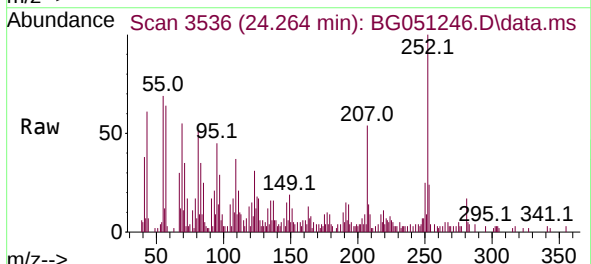
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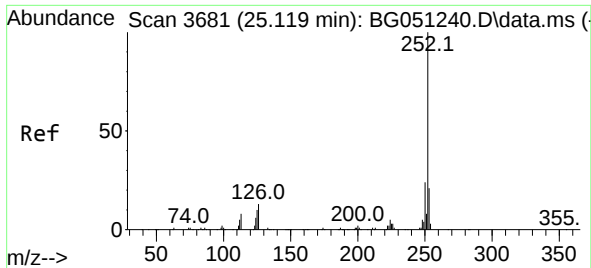
Reviewed By :Jagrut Upadhyay 11/30/2021
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#91
Benzo(k)fluoranthene
Concen: 1.220 ng/ul
RT: 24.264 min Scan# 3536
Delta R.T. 0.003 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

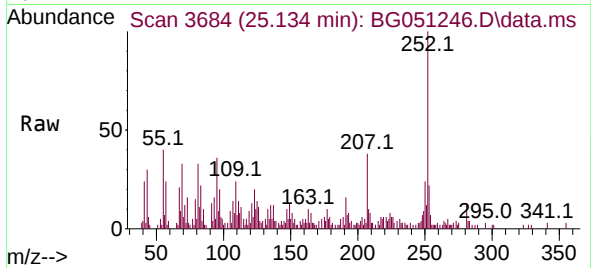
Tgt Ion:252 Resp: 13824
Ion Ratio Lower Upper
252 100
253 24.2 17.3 25.9
125 18.1 7.8 11.6





#93
Benzo(a)pyrene
Concen: 2.219 ng/ul
RT: 25.134 min Scan# 3684
Delta R.T. 0.009 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

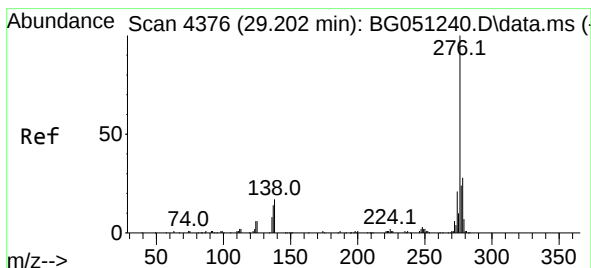
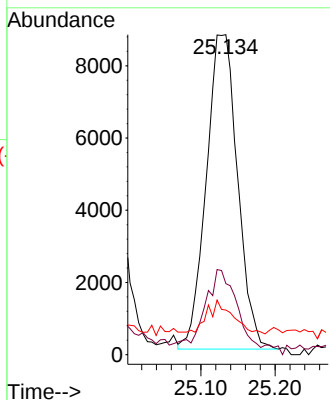
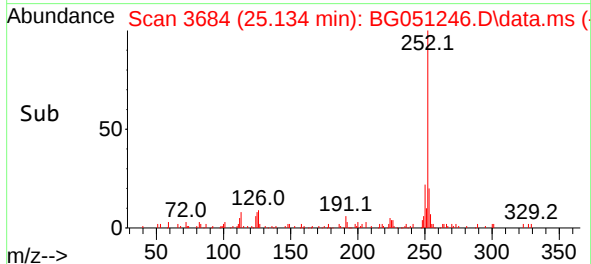
Instrument :
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DBLP8



Tgt Ion:252 Resp: 2556
Ion Ratio Lower Upper
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253 22.2 17.4 26.2
125 14.0 9.1 13.7

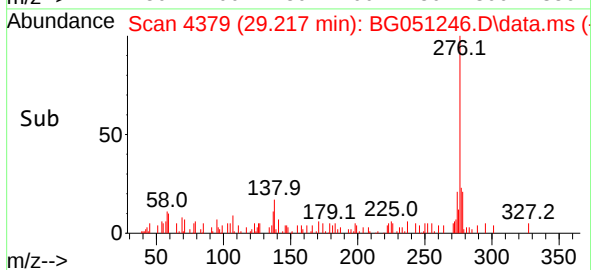
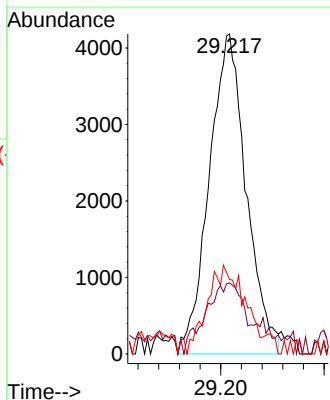
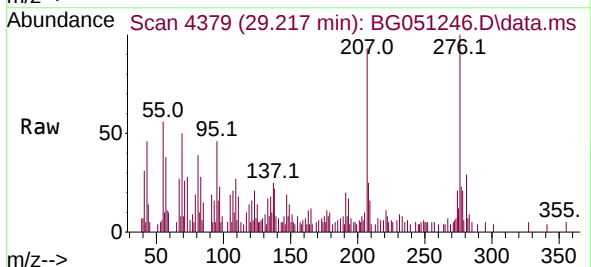
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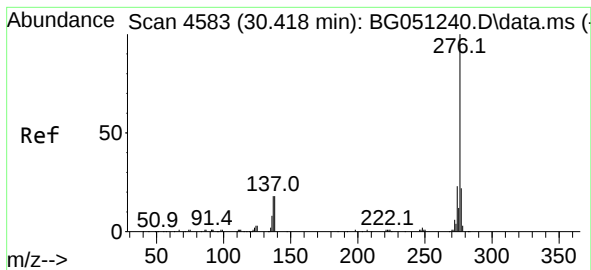
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.613 ng/ul
RT: 29.217 min Scan# 4379
Delta R.T. 0.027 min
Lab File: BG051246.D
Acq: 25 Nov 2021 15:58

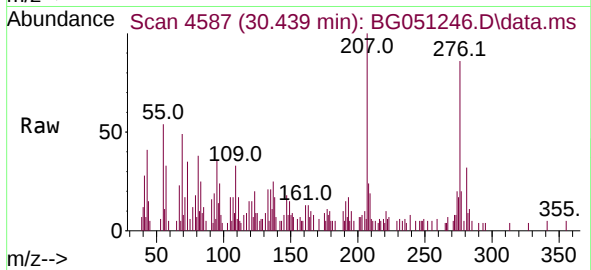
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Ion Ratio Lower Upper
276 100
138 22.2 15.5 23.3
277 23.3 20.5 30.7





#96
 Benzo(g,h,i)perylene
 Concen: 1.602 ng/ul m
 RT: 30.439 min Scan# 4587
 Delta R.T. 0.027 min
 Lab File: BG051246.D
 Acq: 25 Nov 2021 15:58

Instrument :
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Tgt Ion:276 Resp: 17374
 Ion Ratio Lower Upper
 276 100
 138 19.8 16.6 24.8
 277 23.4 17.6 26.4

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