

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051362.D
 Acq On : 6 Dec 2021 23:13
 Operator : CG/JU
 Sample : M4833-24
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQP7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 07 00:00:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.187	152	23501	20.000	ng/u1	-0.02
20) Naphthalene-d8	11.013	136	103351	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.821	164	73607	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.570	188	167397	20.000	ng/u1	0.00
79) Chrysene-d12	21.871	240	141885	20.000	ng/u1	0.00
88) Perylene-d12	25.273	264	138660	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	2461	3.639	ng/uL	-0.02
4) Pyridine-d5	3.969	84	9627	4.851	ng/u1	0.00
7) Phenol-d5	7.353	99	57674	24.831	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.500	67	35382	24.255	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.717	132	42143	25.197	ng/u1	-0.02
15) 4-Methylphenol-d8	8.904	113	42555	22.704	ng/u1	0.00
21) Nitrobenzene-d5	9.368	128	22639	25.949	ng/u1	0.00
24) 2-Nitrophenol-d4	10.091	143	26296	26.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.643	165	45485	27.240	ng/u1	0.00
31) 4-Chloroaniline-d4	11.160	131	25076	10.264	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	156149	27.570	ng/u1	0.00
49) Acenaphthylene-d8	14.521	160	198487	27.792	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	20014	21.831	ng/u1	0.00
60) Fluorene-d10	15.814	176	142634	27.967	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.949	200	16899	16.360	ng/u1	0.00
73) Anthracene-d10	17.670	188	223331	27.895	ng/u1	0.00
81) Pyrene-d10	19.950	212	251751	29.324	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.038	264	210332	28.402	ng/u1	0.00
Target Compounds					Qvalue	
80) Fluoranthene	19.615	202	29479	2.796	ng/u1	97
82) Pyrene	19.979	202	25327	2.455	ng/u1	98
85) Benzo(a)anthracene	21.854	228	12659	1.315	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.707	149	12591	2.040	ng/u1#	98
87) Chrysene	21.918	228	15117	1.635	ng/u1	98
90) Benzo(b)fluoranthene	24.180	252	21020m	2.246	ng/u1	
91) Benzo(k)fluoranthene	24.245	252	9461m	1.077	ng/u1	
93) Benzo(a)pyrene	25.103	252	14080	1.577	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	29.169	276	12731m	1.274	ng/u1	
96) Benzo(g,h,i)perylene	30.426	276	9258m	1.101	ng/u1	

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

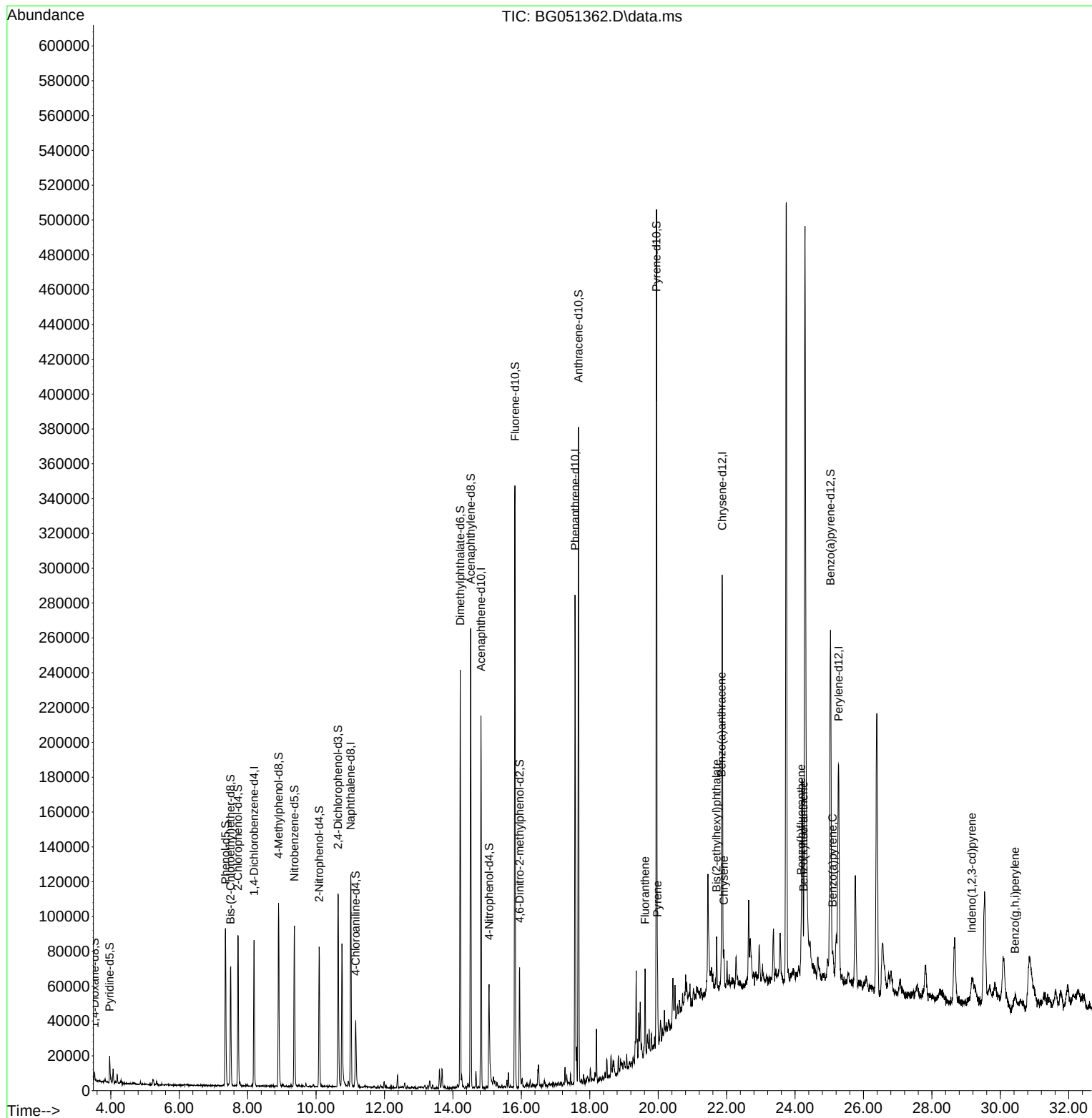
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051362.D
Acq On : 6 Dec 2021 23:13
Operator : CG/JU
Sample : M4833-24
Misc :
ALS Vial : 19 Sample Multiplier: 1

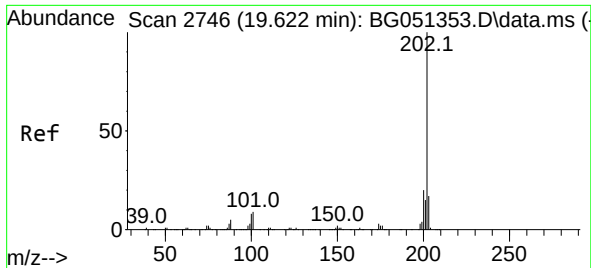
Instrument :
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Quant Time: Dec 07 00:00:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
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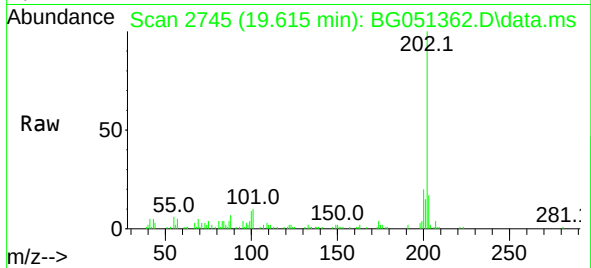
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021





#80
Fluoranthene
Concen: 2.796 ng/u1
RT: 19.615 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13

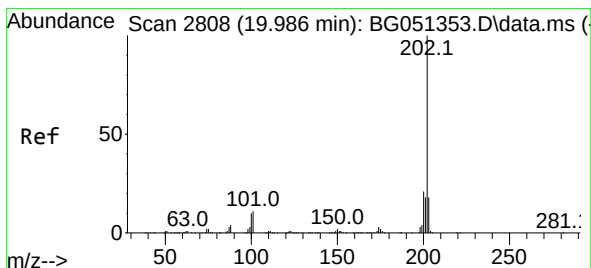
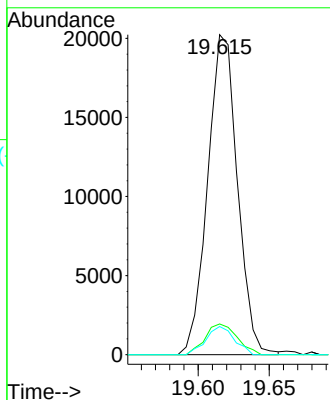
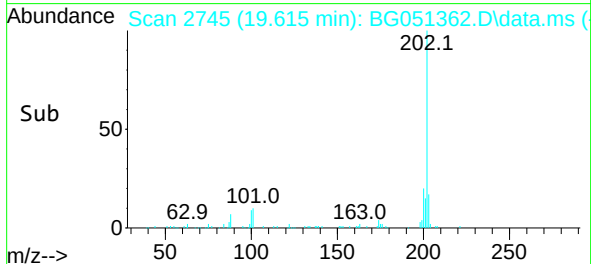
Instrument :
BNA_G
ClientSampleId :
ESQP7



Tgt Ion:202 Resp: 29479
Ion Ratio Lower Upper
202 100
101 9.6 9.3 13.9
100 8.8 7.0 10.6

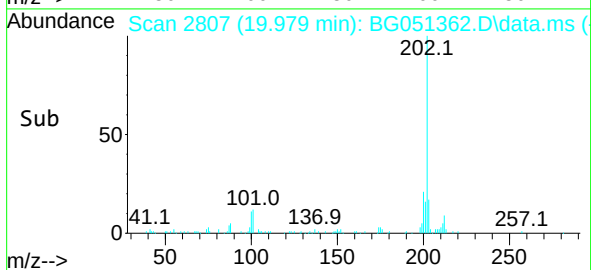
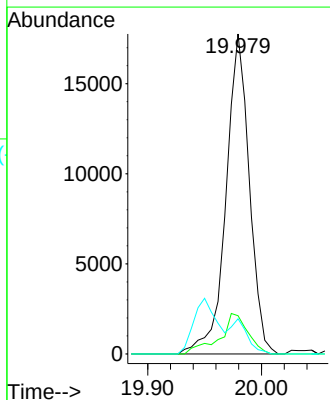
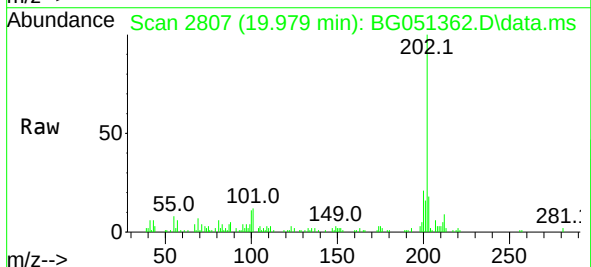
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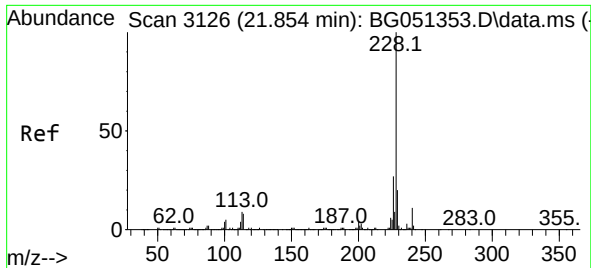
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#82
Pyrene
Concen: 2.455 ng/u1
RT: 19.979 min Scan# 2807
Delta R.T. -0.010 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13

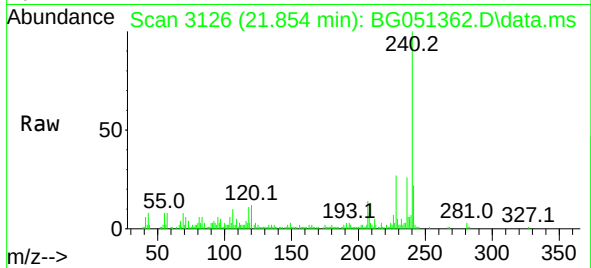
Tgt Ion:202 Resp: 25327
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 11.0 9.0 13.6





#85
Benzo(a)anthracene
Concen: 1.315 ng/ul
RT: 21.854 min Scan# 3126
Delta R.T. -0.010 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13

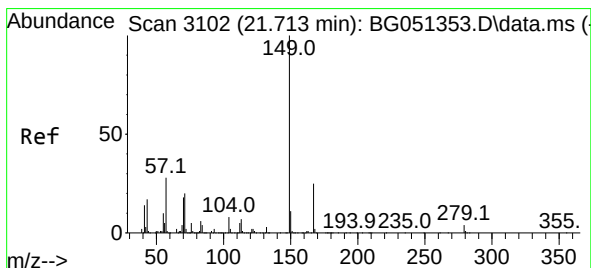
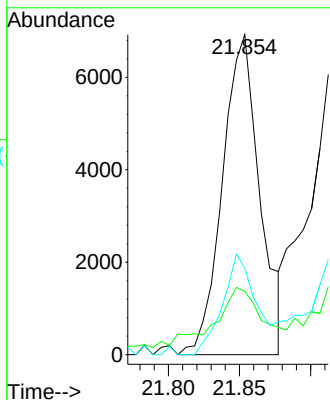
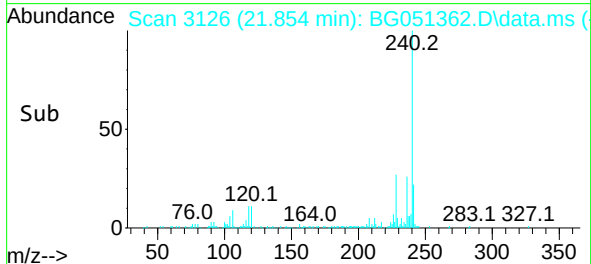
Instrument :
BNA_G
ClientSampleId :
ESQP7



Tgt Ion:228 Resp: 12659
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.0 22.3 33.5

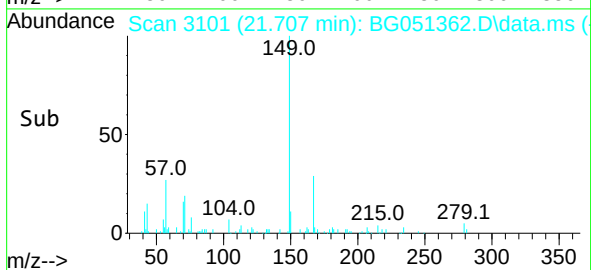
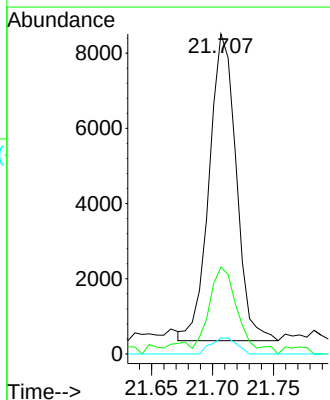
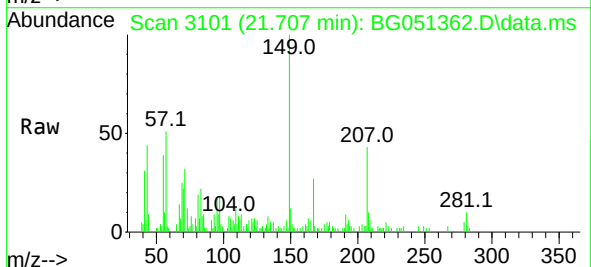
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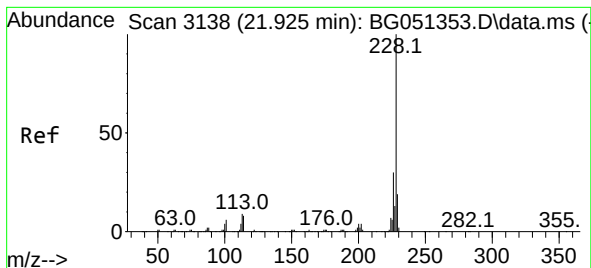
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.040 ng/ul
RT: 21.707 min Scan# 3101
Delta R.T. -0.016 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13

Tgt Ion:149 Resp: 12591
Ion Ratio Lower Upper
149 100
167 27.1 21.1 31.7
279 5.0 2.7 4.1#





#87

Chrysene

Concen: 1.635 ng/ul

RT: 21.918 min Scan# 3138

Delta R.T. -0.016 min

Lab File: BG051362.D

Acq: 6 Dec 2021 23:13

Instrument :

BNA_G

ClientSampleId :

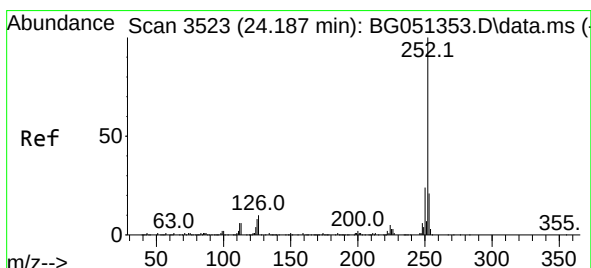
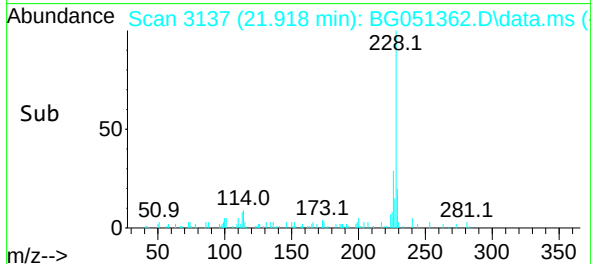
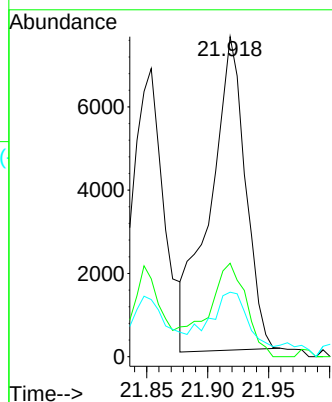
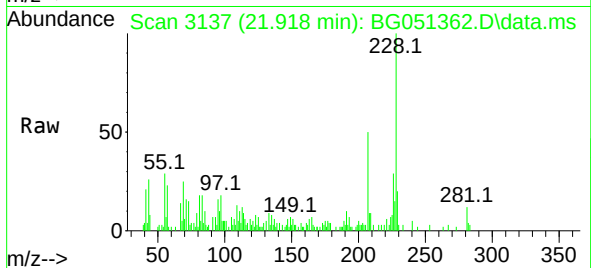
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Tgt Ion:228	Resp:	1511
Ion Ratio	Lower	Upper
228	100	
226	29.2	24.8 37.2
229	20.1	15.8 23.6

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#90

Benzo(b)fluoranthene

Concen: 2.246 ng/ul m

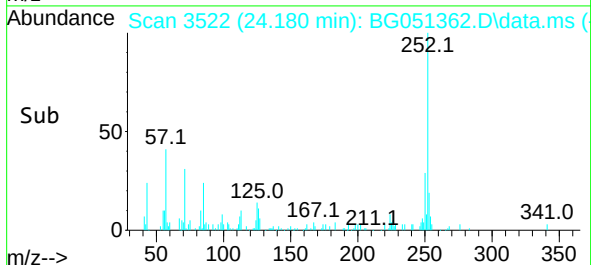
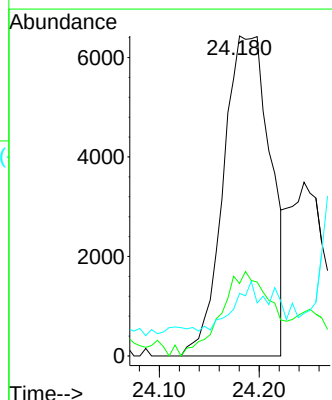
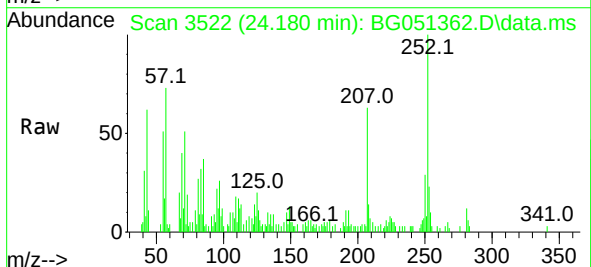
RT: 24.180 min Scan# 3522

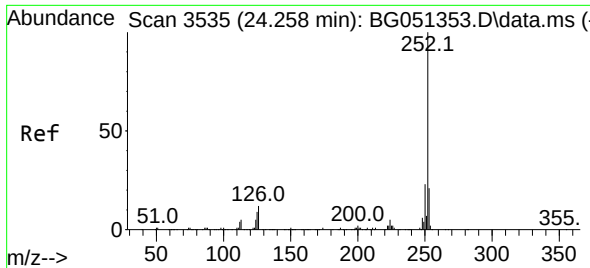
Delta R.T. -0.010 min

Lab File: BG051362.D

Acq: 6 Dec 2021 23:13

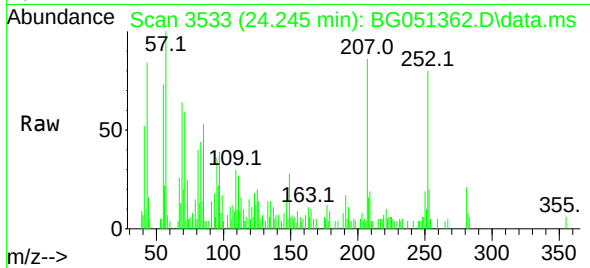
Tgt Ion:252	Resp:	21020
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.8 26.6
125	19.6	8.5 12.7#





#91
Benzo(k)fluoranthene
Concen: 1.077 ng/ul m
RT: 24.245 min Scan# 3535
Delta R.T. -0.016 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13

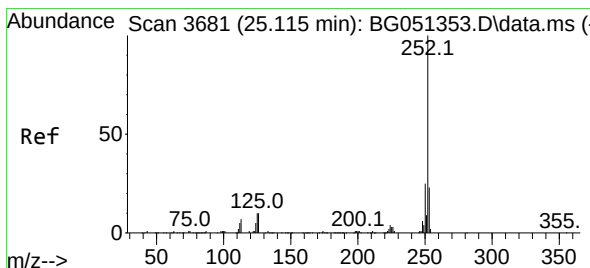
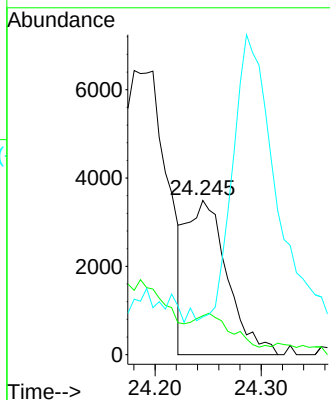
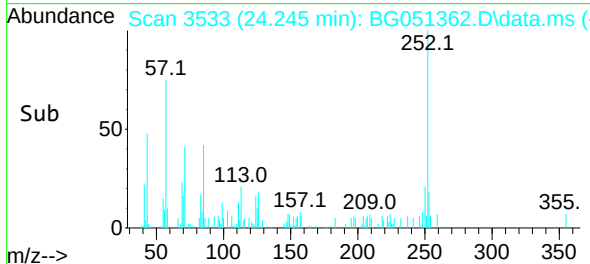
Instrument :
BNA_G
ClientSampleId :
ESQP7



Tgt Ion:252 Resp: 946
Ion Ratio Lower Upper
252 100
253 25.2 17.3 25.9
125 24.5 7.8 11.6

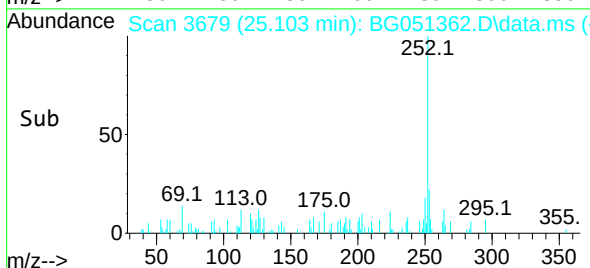
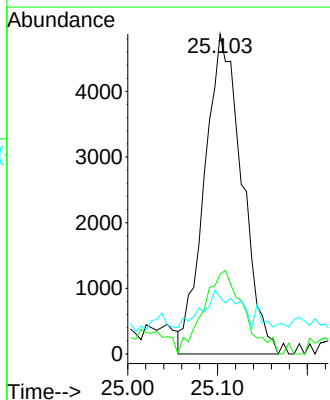
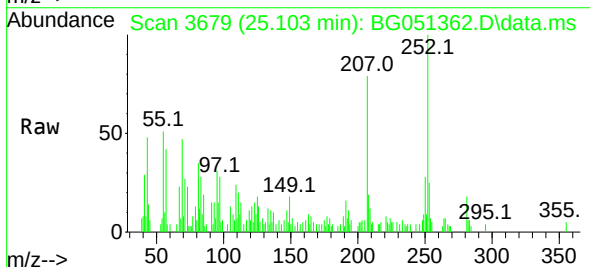
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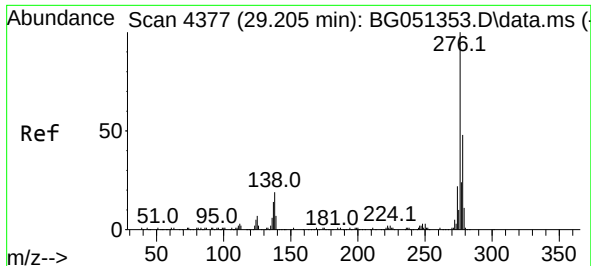
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#93
Benzo(a)pyrene
Concen: 1.577 ng/ul
RT: 25.103 min Scan# 3679
Delta R.T. -0.022 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13

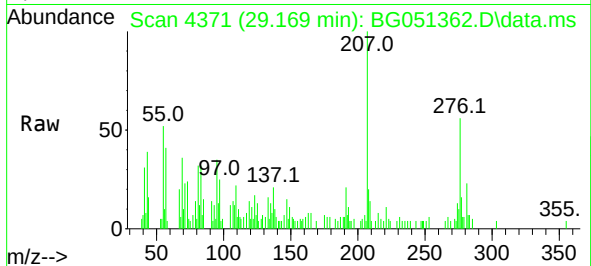
Tgt Ion:252 Resp: 14080
Ion Ratio Lower Upper
252 100
253 24.9 17.4 26.2
125 17.8 9.1 13.7#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.274 ng/ul m
RT: 29.169 min Scan# 4377
Delta R.T. -0.022 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13

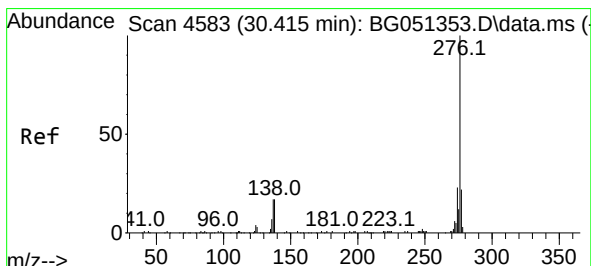
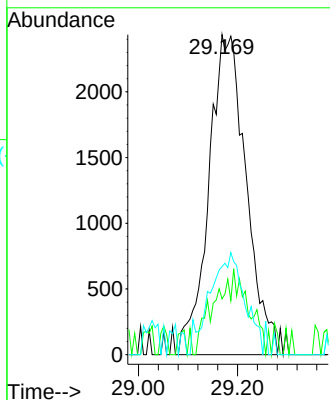
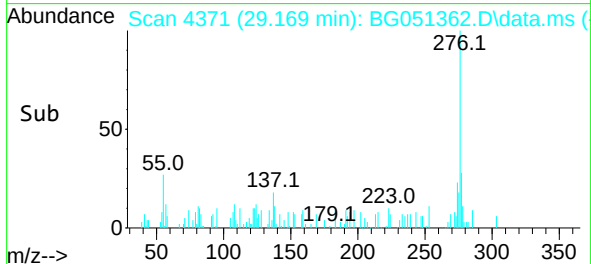
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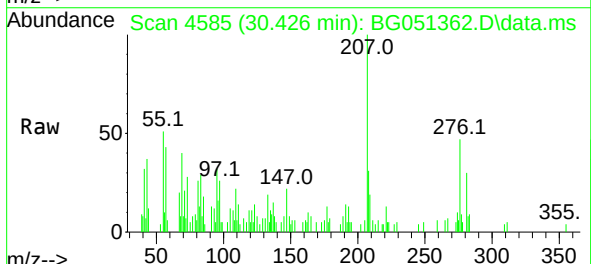
Tgt Ion:276 Resp: 1273
Ion Ratio Lower Upper
276 100
138 17.5 15.5 23.3
277 27.6 20.5 30.7

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#96
Benzo(g,h,i)perylene
Concen: 1.101 ng/ul m
RT: 30.426 min Scan# 4585
Delta R.T. 0.014 min
Lab File: BG051362.D
Acq: 6 Dec 2021 23:13



Tgt Ion:276 Resp: 9258
Ion Ratio Lower Upper
276 100
138 16.8 16.6 24.8
277 19.1 17.6 26.4

