

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051363.D
 Acq On : 6 Dec 2021 23:54
 Operator : CG/JU
 Sample : M4833-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQM9

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 01:27:21 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	8.190	152	34292	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.016	136	141200	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.823	164	85504	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.573	188	164603	20.000	ng/u1	0.00
79) Chrysene-d12	21.874	240	142078	20.000	ng/u1	0.00
88) Perylene-d12	25.287	264	141492	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	3146m	3.188	ng/uL	-0.01
4) Pyridine-d5	3.959	84	32657	11.278	ng/u1	-0.02
7) Phenol-d5	7.356	99	79928	23.583	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.502	67	52364	24.600	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.720	132	59000	24.175	ng/u1	-0.01
15) 4-Methylphenol-d8	8.907	113	62682	22.919	ng/u1	0.00
21) Nitrobenzene-d5	9.371	128	31850	26.721	ng/u1	0.00
24) 2-Nitrophenol-d4	10.093	143	36119	26.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	58262	25.539	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	19246	5.766	ng/u1	0.00
46) Dimethylphthalate-d6	14.218	166	176208	26.783	ng/u1	0.00
49) Acenaphthylene-d8	14.524	160	219779	26.492	ng/u1	0.00
54) 4-Nitrophenol-d4	15.058	143	19807	18.599	ng/u1	0.01
60) Fluorene-d10	15.816	176	154562	26.089	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	16237	15.986	ng/u1	0.00
73) Anthracene-d10	17.673	188	231860	29.452	ng/u1	0.00
81) Pyrene-d10	19.953	212	247860	28.832	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.052	264	218970	28.977	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.379	94	3946	1.124	ng/u1#	85
36) 2-Methylnaphthalene	12.667	142	6855	1.312	ng/u1	96
37) 1-Methylnaphthalene	12.878	142	5887	1.095	ng/u1#	99
72) Phenanthrene	17.614	178	12511	1.377	ng/u1#	92
82) Pyrene	19.982	202	16929	1.639	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.709	149	12661	2.049	ng/u1#	95
87) Chrysene	21.927	228	14793m	1.598	ng/u1	
90) Benzo(b)fluoranthene	24.195	252	11355	1.189	ng/u1#	1

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

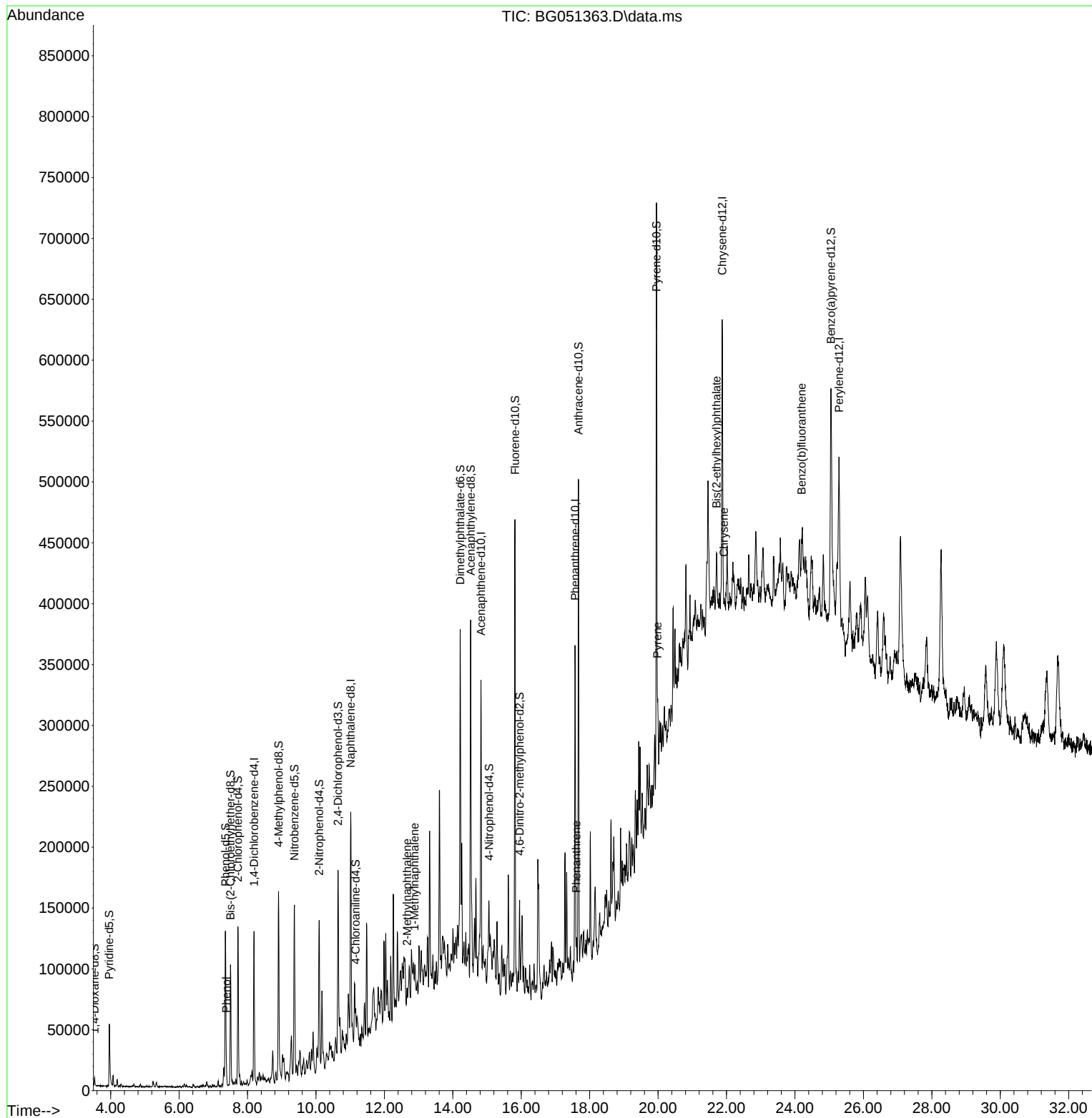
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
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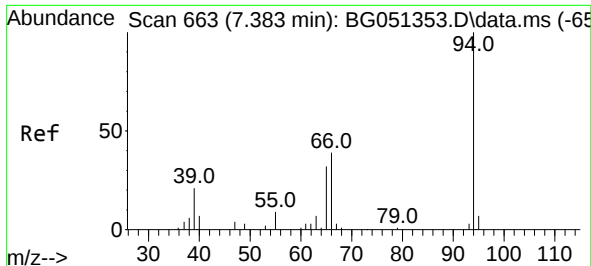
Instrument :
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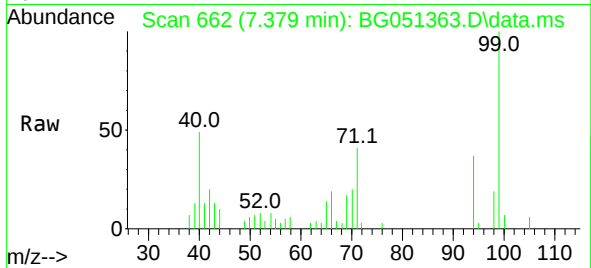
Reviewed By :Jagrut Upadhyay 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021





#8
Phenol
Concen: 1.124 ng/ul
RT: 7.379 min Scan# 663
Delta R.T. -0.007 min
Lab File: BG051363.D
Acq: 6 Dec 2021 23:54

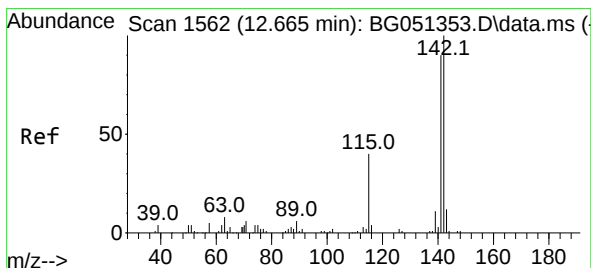
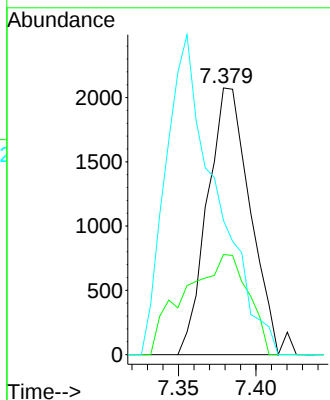
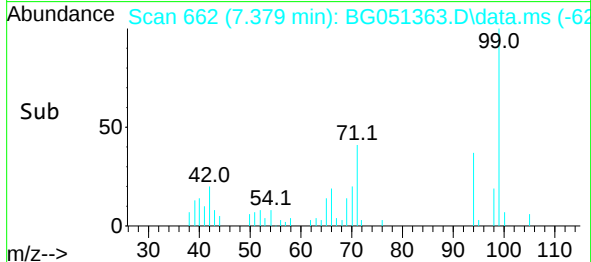
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3940
Ion Ratio Lower Upper
94 100
65 37.5 25.1 37.7
66 50.3 31.6 47.4

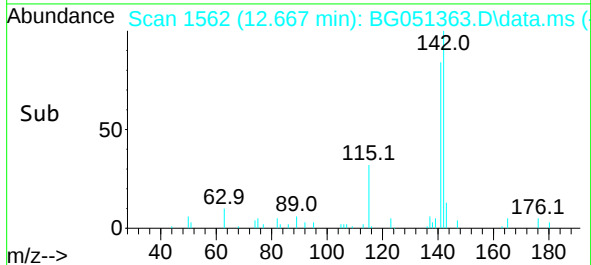
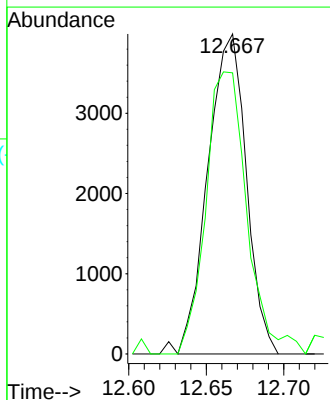
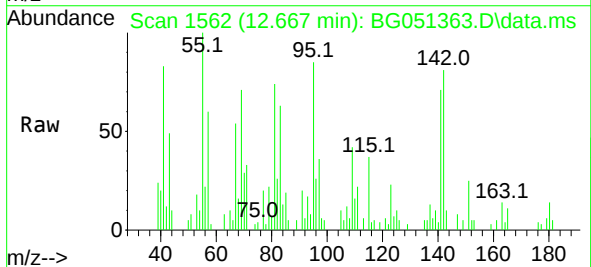
Manual Integrations
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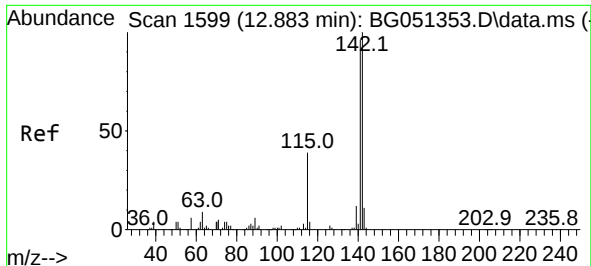
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#36
2-Methylnaphthalene
Concen: 1.312 ng/ul
RT: 12.667 min Scan# 1562
Delta R.T. -0.001 min
Lab File: BG051363.D
Acq: 6 Dec 2021 23:54

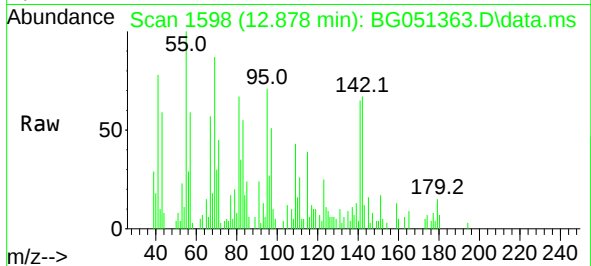
Tgt Ion:142 Resp: 6855
Ion Ratio Lower Upper
142 100
141 87.9 73.3 109.9





#37
1-Methylnaphthalene
Concen: 1.095 ng/ul
RT: 12.878 min Scan# 1599
Delta R.T. -0.007 min
Lab File: BG051363.D
Acq: 6 Dec 2021 23:54

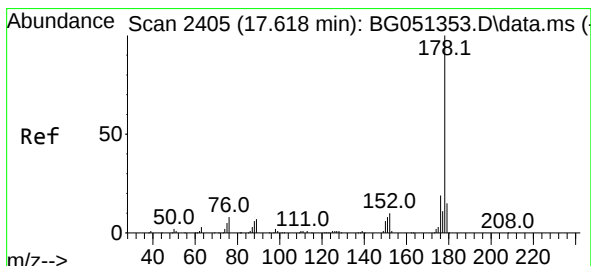
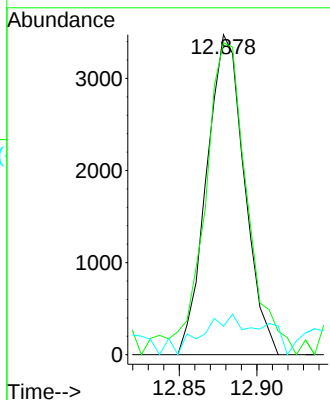
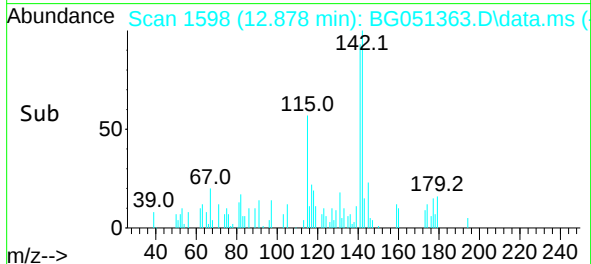
Instrument :
BNA_G
ClientSampleId :
ESQM9



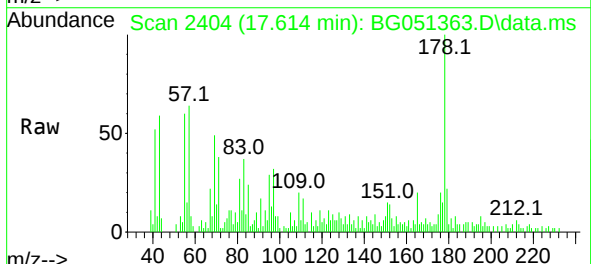
Tgt Ion:142 Resp: 588
Ion Ratio Lower Upper
142 100
141 97.5 77.8 116.8
116 8.9 3.3 4.9

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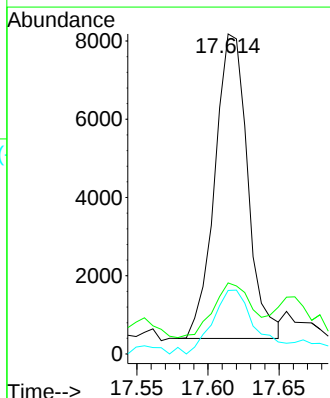
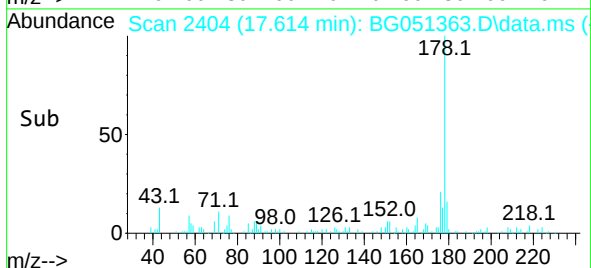
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

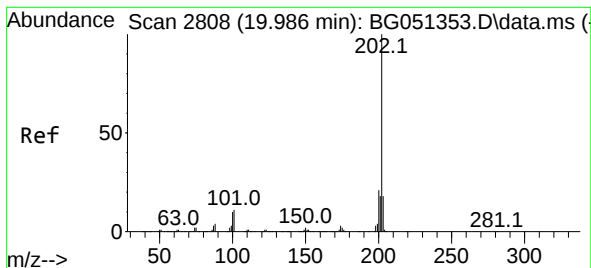


#72
Phenanthrene
Concen: 1.377 ng/ul
RT: 17.614 min Scan# 2404
Delta R.T. -0.007 min
Lab File: BG051363.D
Acq: 6 Dec 2021 23:54



Tgt Ion:178 Resp: 12511
Ion Ratio Lower Upper
178 100
179 22.2 12.3 18.5#
176 19.8 15.5 23.3





#82

Pyrene

Concen: 1.639 ng/ul

RT: 19.982 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG051363.D

Acq: 6 Dec 2021 23:54

Instrument :

BNA_G

ClientSampleId :

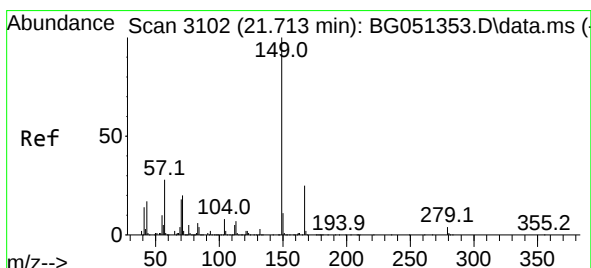
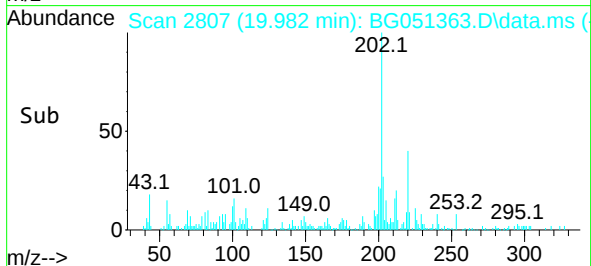
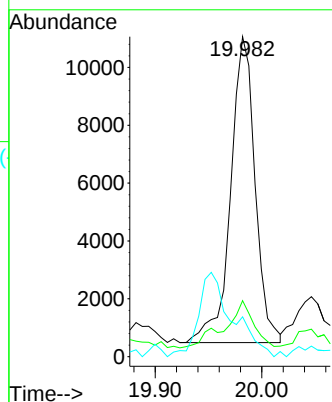
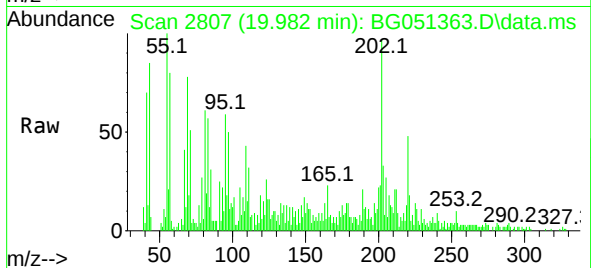
ESQM9

Tgt Ion:	202	Resp:	16929
Ion Ratio	Lower	Upper	
202	100		
101	17.5	10.7	16.1
100	12.4	9.0	13.6

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#86

Bis(2-ethylhexyl)phthalate

Concen: 2.049 ng/ul

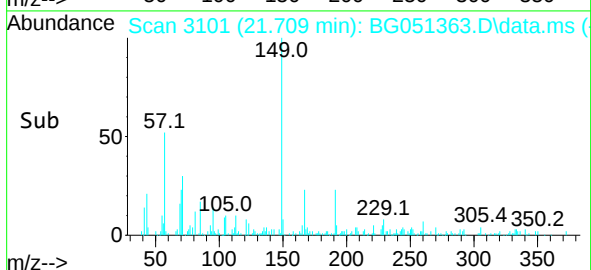
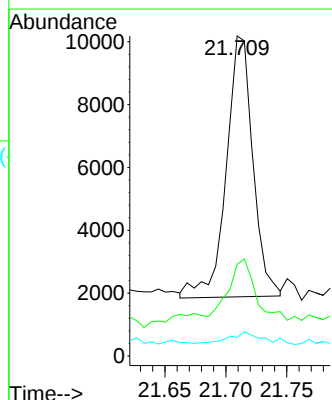
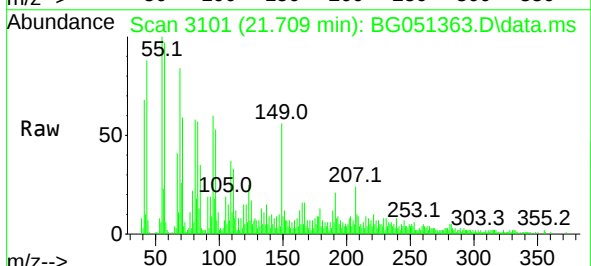
RT: 21.709 min Scan# 3101

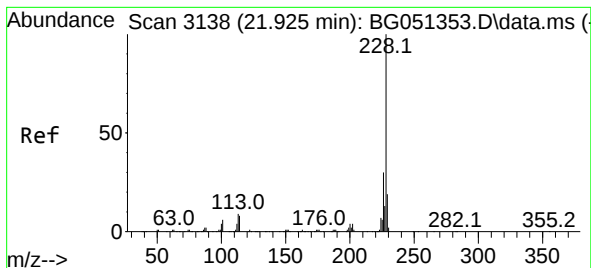
Delta R.T. -0.013 min

Lab File: BG051363.D

Acq: 6 Dec 2021 23:54

Tgt Ion:	149	Resp:	12661
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.1	31.7
279	5.8	2.7	4.1





#87

Chrysene

Concen: 1.598 ng/ul m

RT: 21.927 min Scan# 3138

Delta R.T. -0.007 min

Lab File: BG051363.D

Acq: 6 Dec 2021 23:54

Instrument :

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ClientSampleId :

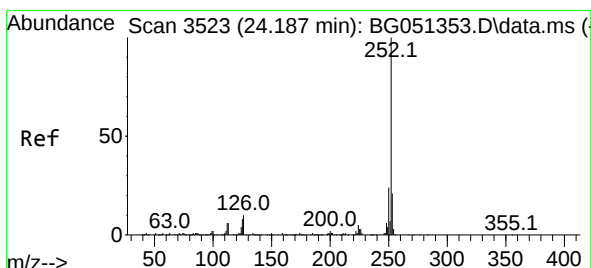
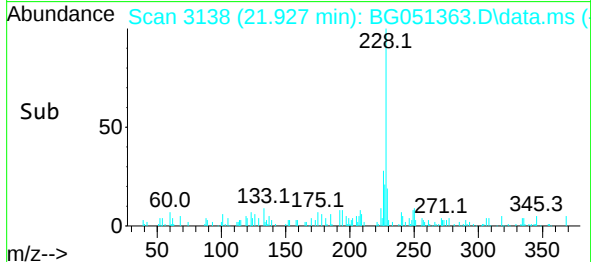
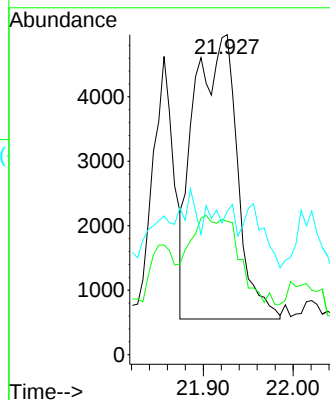
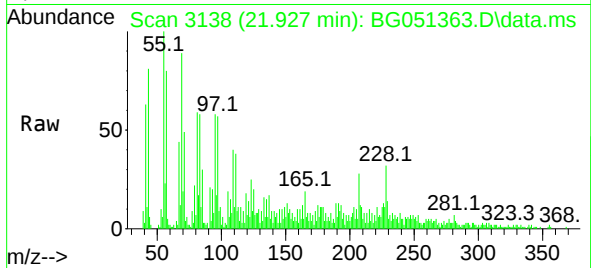
ESQM9

Tgt Ion:	228	Resp:	1479
Ion Ratio	Lower	Upper	
228	100		
226	41.6	24.8	37.2
229	44.8	15.8	23.6

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#90

Benzo(b)fluoranthene

Concen: 1.189 ng/ul

RT: 24.195 min Scan# 3524

Delta R.T. 0.004 min

Lab File: BG051363.D

Acq: 6 Dec 2021 23:54

Tgt Ion:	252	Resp:	11355
Ion Ratio	Lower	Upper	
252	100		
253	58.4	17.8	26.6
125	84.4	8.5	12.7

