

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051365.D
 Acq On : 7 Dec 2021 1:16
 Operator : CG/JU
 Sample : M4833-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESQN2

Quant Time: Dec 07 01:53:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.195	152	29135	20.000	ng/u1	0.00
20) Naphthalene-d8	11.021	136	130227	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	86856	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.584	188	167880	20.000	ng/u1	0.00
79) Chrysene-d12	21.885	240	135098	20.000	ng/u1	0.00
88) Perylene-d12	25.298	264	135173	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	3052	3.640	ng/uL	-0.01
4) Pyridine-d5	3.971	84	21810	8.865	ng/u1	0.00
7) Phenol-d5	7.361	99	71446	24.812	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	44287	24.489	ng/u1	0.00
11) 2-Chlorophenol-d4	7.731	132	53009	25.565	ng/u1	0.00
15) 4-Methylphenol-d8	8.912	113	51962	22.362	ng/u1	0.00
21) Nitrobenzene-d5	9.376	128	29441	26.781	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	33066	26.665	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.657	165	57533	27.345	ng/u1	0.00
31) 4-Chloroaniline-d4	11.162	131	35948	11.677	ng/u1	0.00
46) Dimethylphthalate-d6	14.223	166	189514	28.357	ng/u1	0.00
49) Acenaphthylene-d8	14.529	160	243264	28.866	ng/u1	0.00
54) 4-Nitrophenol-d4	15.069	143	19506	18.032	ng/u1	0.02
60) Fluorene-d10	15.821	176	163887	27.232	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	5982	5.775	ng/u1	0.02
73) Anthracene-d10	17.684	188	231766	28.866	ng/u1	0.00
81) Pyrene-d10	19.964	212	237811	29.092	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.063	264	209123	28.968	ng/u1	0.02
Target Compounds					Qvalue	
80) Fluoranthene	19.629	202	25104	2.500	ng/u1	98
82) Pyrene	19.993	202	22166	2.257	ng/u1	94
85) Benzo(a)anthracene	21.867	228	10431	1.138	ng/u1#	79
86) Bis(2-ethylhexyl)phtha...	21.720	149	7125	1.213	ng/u1#	91
87) Chrysene	21.932	228	14064m	1.598	ng/u1	
90) Benzo(b)fluoranthene	24.212	252	19803	2.171	ng/u1#	71
93) Benzo(a)pyrene	25.140	252	12120	1.393	ng/u1#	59
94) Indeno(1,2,3-cd)pyrene	29.247	276	10784m	1.107	ng/u1	
96) Benzo(g,h,i)perylene	30.475	276	10321m	1.260	ng/u1	

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

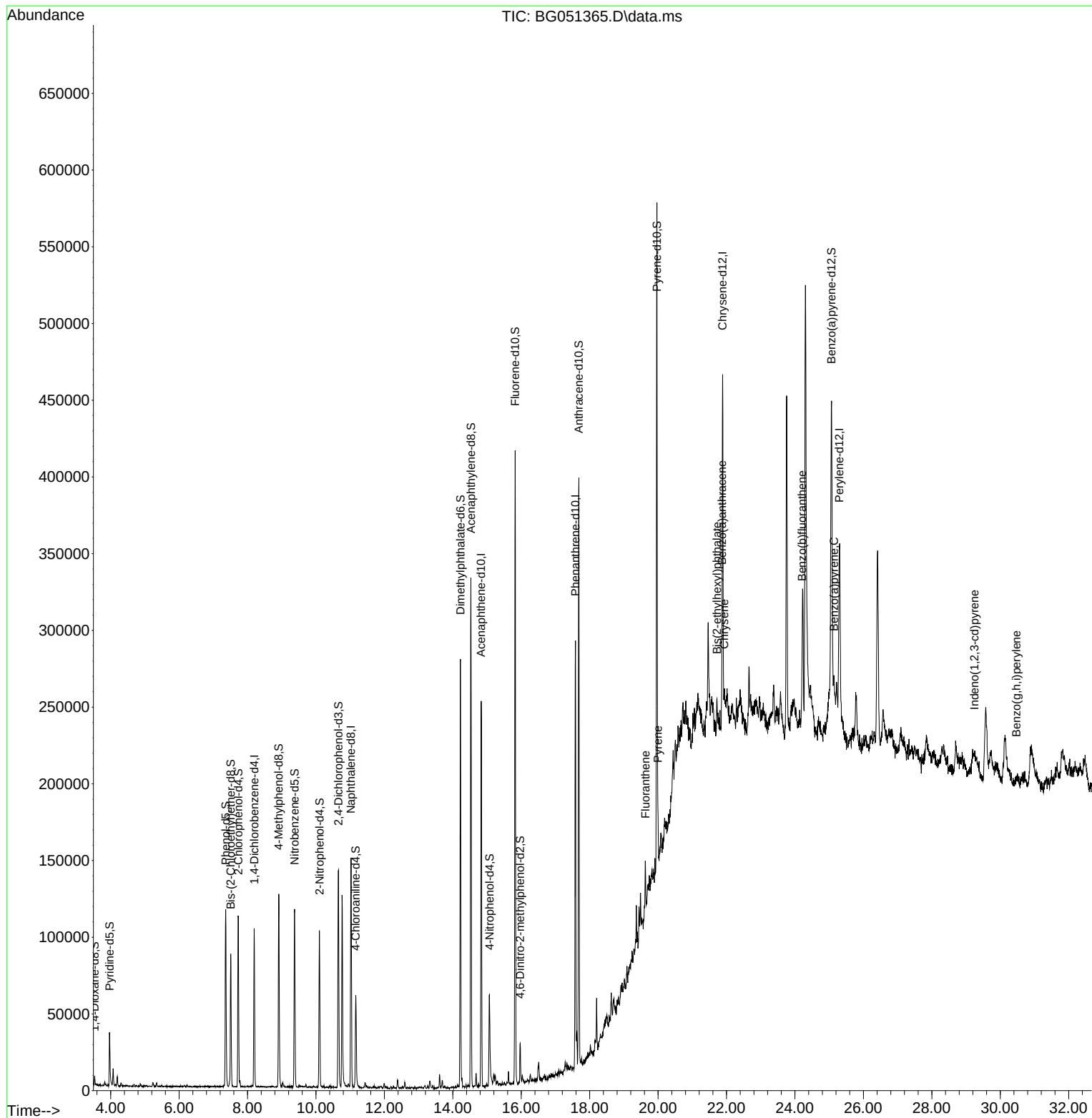
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
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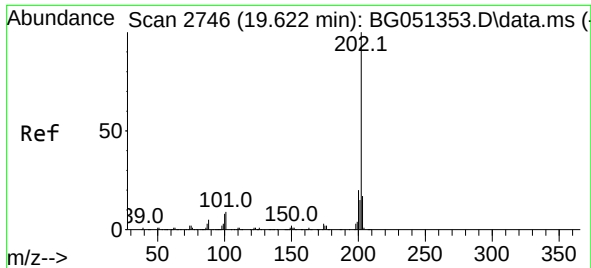
Instrument :
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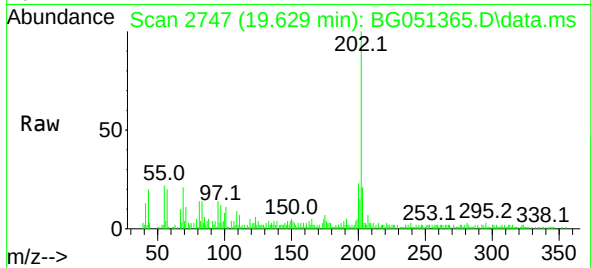
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#80
Fluoranthene
Concen: 2.500 ng/u1
RT: 19.629 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG051365.D
Acq: 7 Dec 2021 1:16

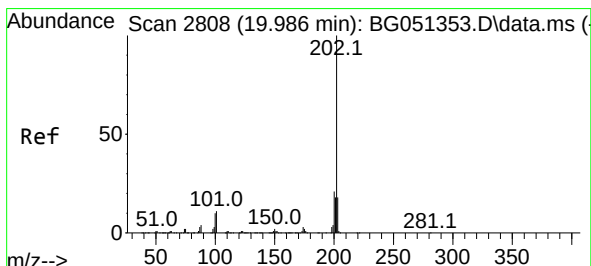
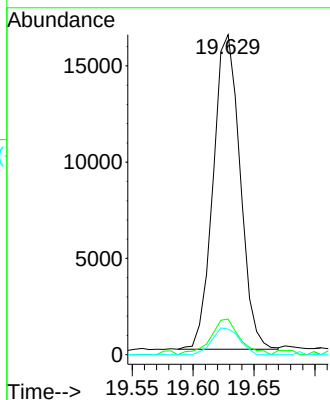
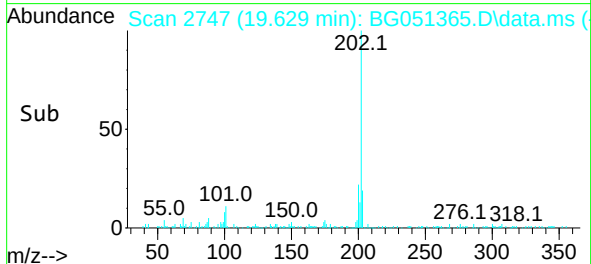
Instrument :
BNA_G
ClientSampleId :
ESQN2



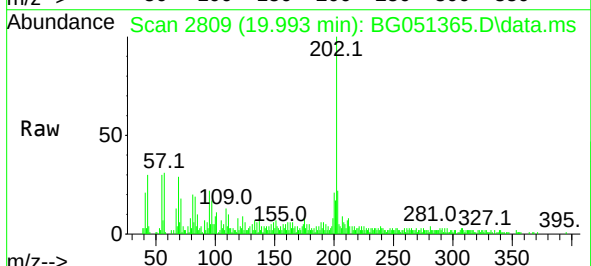
Tgt Ion:202 Resp: 25104
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 8.0 7.0 10.6

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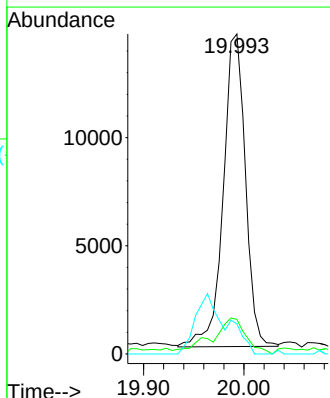
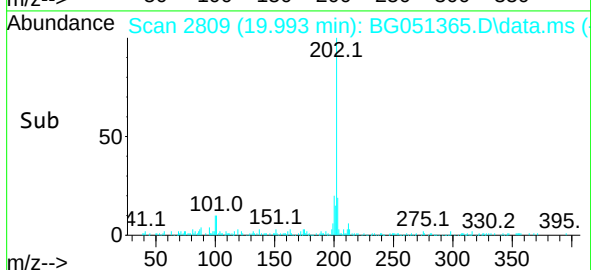
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

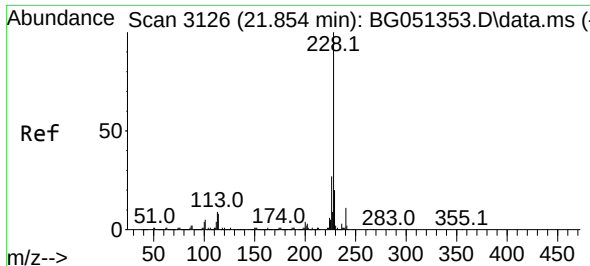


#82
Pyrene
Concen: 2.257 ng/u1
RT: 19.993 min Scan# 2809
Delta R.T. 0.004 min
Lab File: BG051365.D
Acq: 7 Dec 2021 1:16



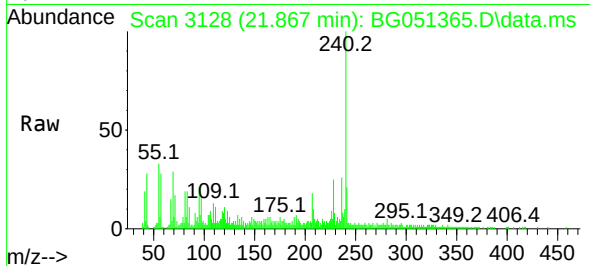
Tgt Ion:202 Resp: 22166
Ion Ratio Lower Upper
202 100
101 10.8 10.7 16.1
100 9.4 9.0 13.6





#85
Benzo(a)anthracene
Concen: 1.138 ng/ul
RT: 21.867 min Scan# 3126
Delta R.T. 0.004 min
Lab File: BG051365.D
Acq: 7 Dec 2021 1:16

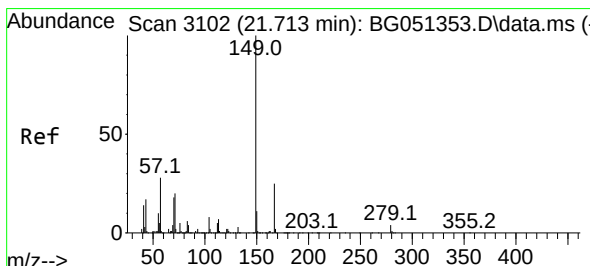
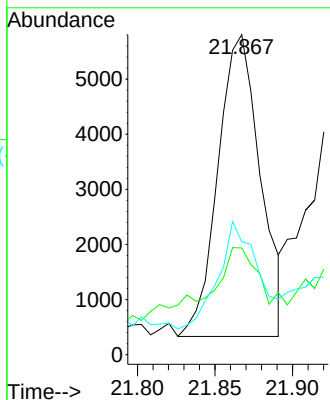
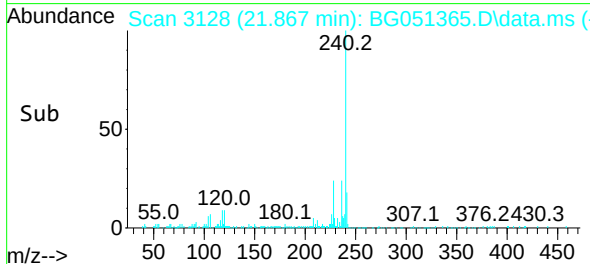
Instrument :
BNA_G
ClientSampleId :
ESQN2



Tgt Ion:228 Resp: 1043
Ion Ratio Lower Upper
228 100
229 33.3 15.7 23.5
226 35.3 22.3 33.5

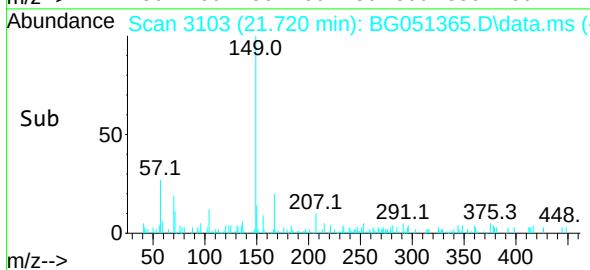
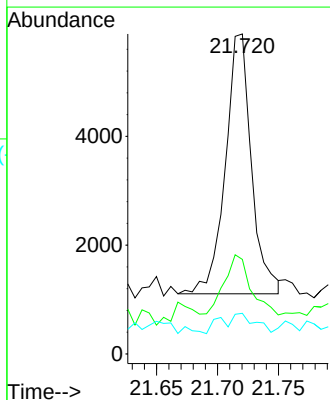
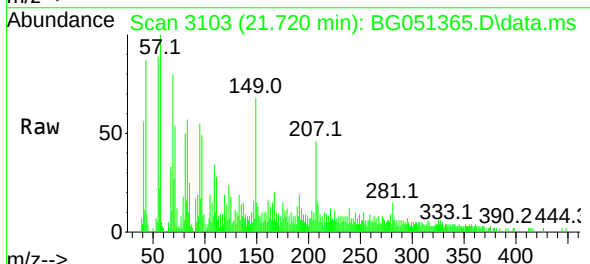
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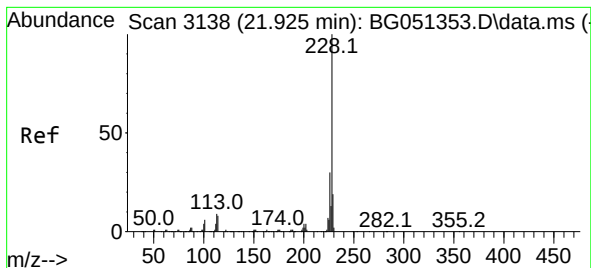
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.213 ng/ul
RT: 21.720 min Scan# 3103
Delta R.T. -0.002 min
Lab File: BG051365.D
Acq: 7 Dec 2021 1:16

Tgt Ion:149 Resp: 7125
Ion Ratio Lower Upper
149 100
167 29.5 21.1 31.7
279 12.7 2.7 4.1#





#87

Chrysene

Concen: 1.598 ng/ul m

RT: 21.932 min Scan# 3138

Delta R.T. -0.002 min

Lab File: BG051365.D

Acq: 7 Dec 2021 1:16

Instrument :

BNA_G

ClientSampleId :

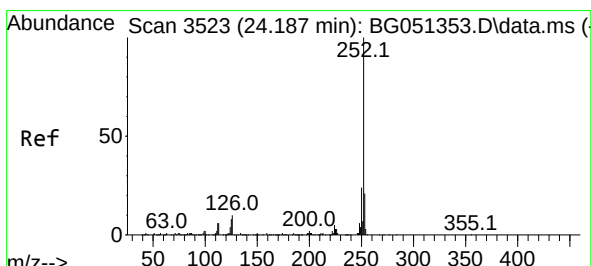
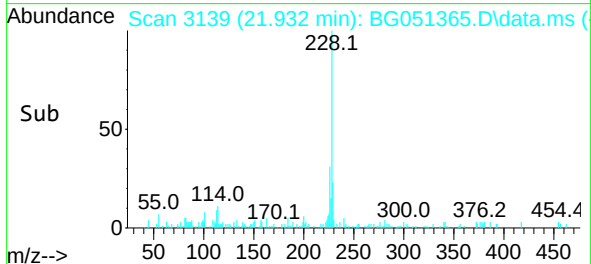
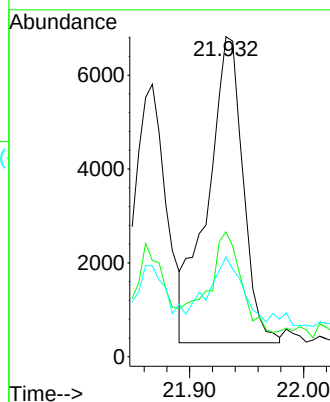
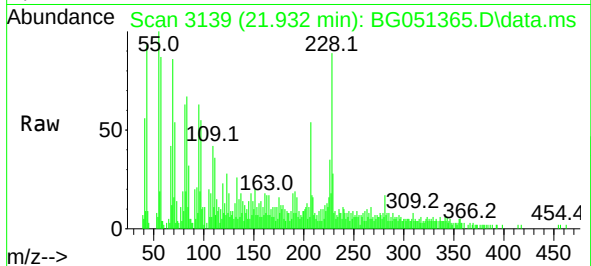
ESQ2

Tgt Ion:228	Resp:	14064
Ion Ratio	Lower	Upper
228	100	
226	39.0	24.8 37.2
229	31.2	15.8 23.6

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#90

Benzo(b)fluoranthene

Concen: 2.171 ng/ul

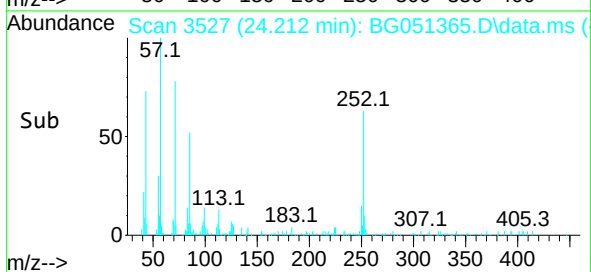
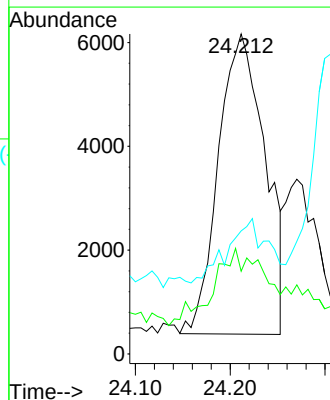
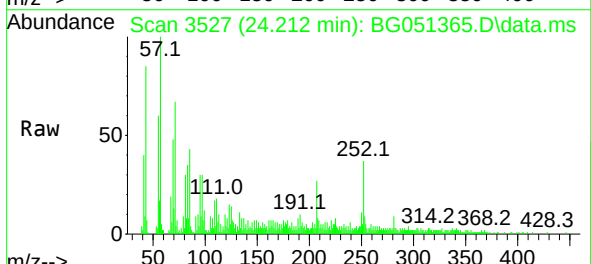
RT: 24.212 min Scan# 3527

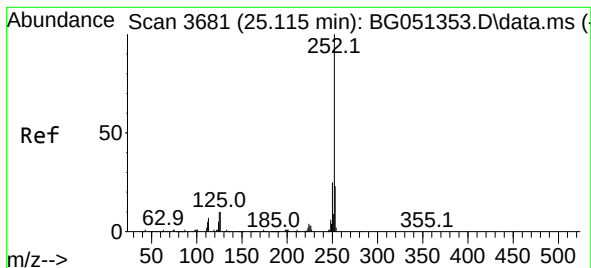
Delta R.T. 0.021 min

Lab File: BG051365.D

Acq: 7 Dec 2021 1:16

Tgt Ion:252	Resp:	19803
Ion Ratio	Lower	Upper
252	100	
253	25.9	17.8 26.6
125	38.4	8.5 12.7





#93

Benzo(a)pyrene

Concen: 1.393 ng/ul

RT: 25.140 min Scan# 30

Delta R.T. 0.015 min

Lab File: BG051365.D

Acq: 7 Dec 2021 1:16

Instrument :

BNL_G

ClientSampleId :

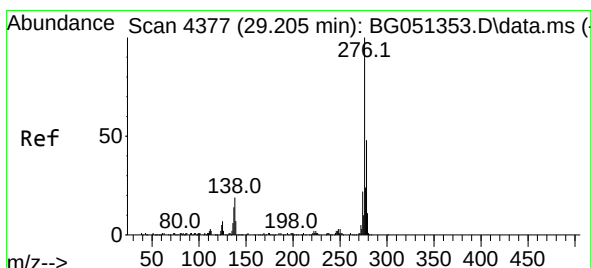
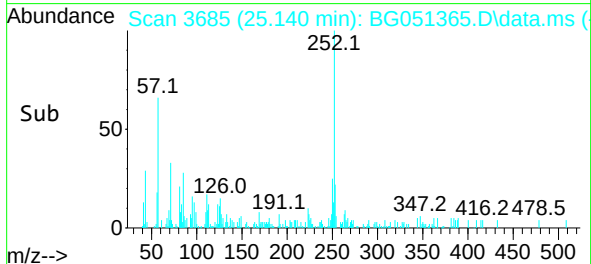
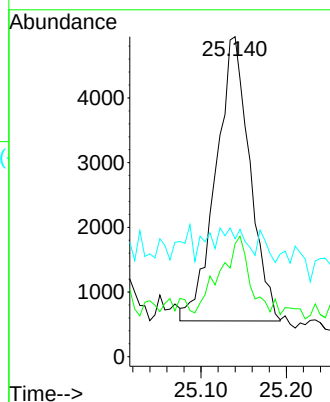
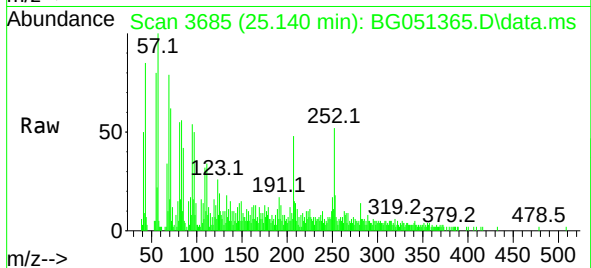
ESQ2

Tgt Ion:	252	Resp:	12120
Ion Ratio	Lower	Upper	
252	100		
253	35.3	17.4	26.2
125	36.9	9.1	13.7

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.107 ng/ul m

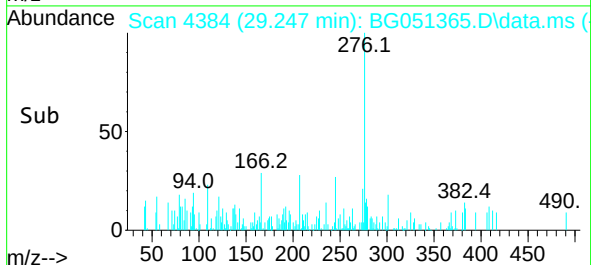
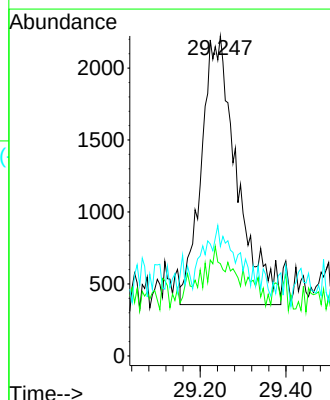
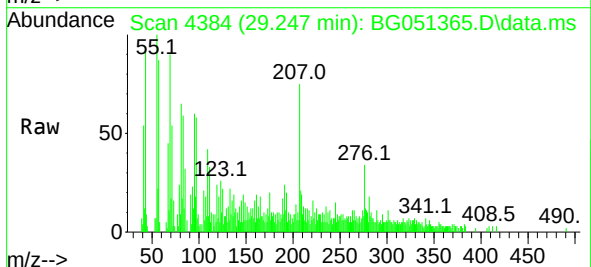
RT: 29.247 min Scan# 4384

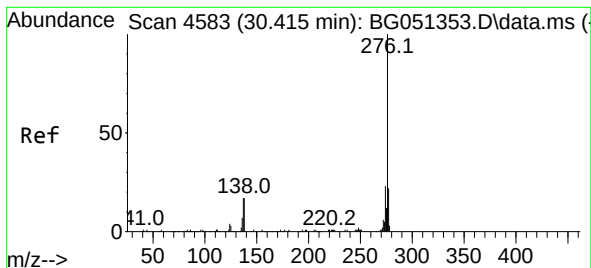
Delta R.T. 0.057 min

Lab File: BG051365.D

Acq: 7 Dec 2021 1:16

Tgt Ion:	276	Resp:	10784
Ion Ratio	Lower	Upper	
276	100		
138	28.8	15.5	23.3
277	34.2	20.5	30.7





#96

Benzo(g,h,i)perylene

Concen: 1.260 ng/ul m

RT: 30.475 min Scan# 4

Delta R.T. 0.063 min

Lab File: BG051365.D

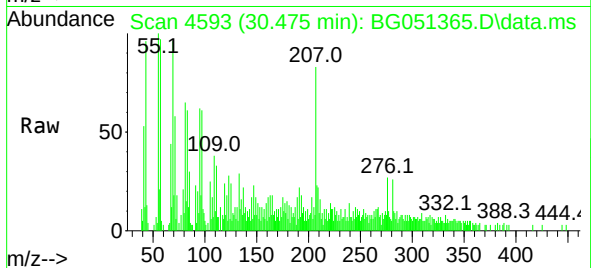
Acq: 7 Dec 2021 1:16

Instrument :

BNA_G

ClientSampleId :

ESQN2



Tgt Ion:276 Resp: 1032

Ion Ratio Lower Upper

276 100

138 34.1 16.6 24.8

277 36.2 17.6 26.4

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