

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050397.D
 Acq On : 2 Oct 2021 20:22
 Operator : CG/JU
 Sample : M3877-10
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2M6

Manual Integrations
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 10/4/2021 11:51:30 AM

Quant Time: Oct 04 01:09:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	98145	20.00	ng/ul	0.00
20) Naphthalene-d8	11.097	136	394933	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	253804	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	492070	20.00	ng/ul	0.00
79) Chrysene-d12	21.932	240	431206	20.00	ng/ul	-0.02
88) Perylene-d12	25.369	264	428649	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	6534	2.45	ng/uL	0.00
4) Pyridine-d5	4.070	84	33736	4.24	ng/ul	0.00
7) Phenol-d5	7.402	99	131151	15.29	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.584	67	85987	15.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	95217	15.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.959	113	94035	14.49	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	48984	17.73	ng/ul	0.00
24) 2-Nitrophenol-d4	10.163	143	52385	17.67	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.698	165	92244	15.75	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.221	131	58834	7.03	ng/ul	0.00
46) Dimethylphthalate-d6	14.282	166	283102	16.30	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	352646	16.17	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.046	143	33946	10.15	ng/ul	-0.01
60) Fluorene-d10	15.874	176	246231	15.73	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.974	200	28894	11.77	ng/ul	-0.01
73) Anthracene-d10	17.731	188	357381	17.19	ng/ul	0.00
81) Pyrene-d10	19.999	212	399044	17.40	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.128	264	334535	15.52	ng/ul	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.672	178	31295	1.27	ng/ul#	90
80) Fluoranthene	19.670	202	113060	3.93	ng/ul	98
82) Pyrene	20.028	202	105255	3.71	ng/ul	97
85) Benzo(a)anthracene	21.914	228	71192	2.74	ng/ul	96
87) Chrysene	21.985	228	71372	2.86	ng/ul	96
90) Benzo(b)fluoranthene	24.264	252	107639	4.12	ng/ul#	95
91) Benzo(k)fluoranthene	24.323	252	44026m	1.81	ng/ul	
93) Benzo(a)pyrene	25.192	252	75201	3.02	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.294	276	59485	2.13	ng/ul	97
96) Benzo(g,h,i)perylene	30.522	276	56297m	2.39	ng/ul	

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

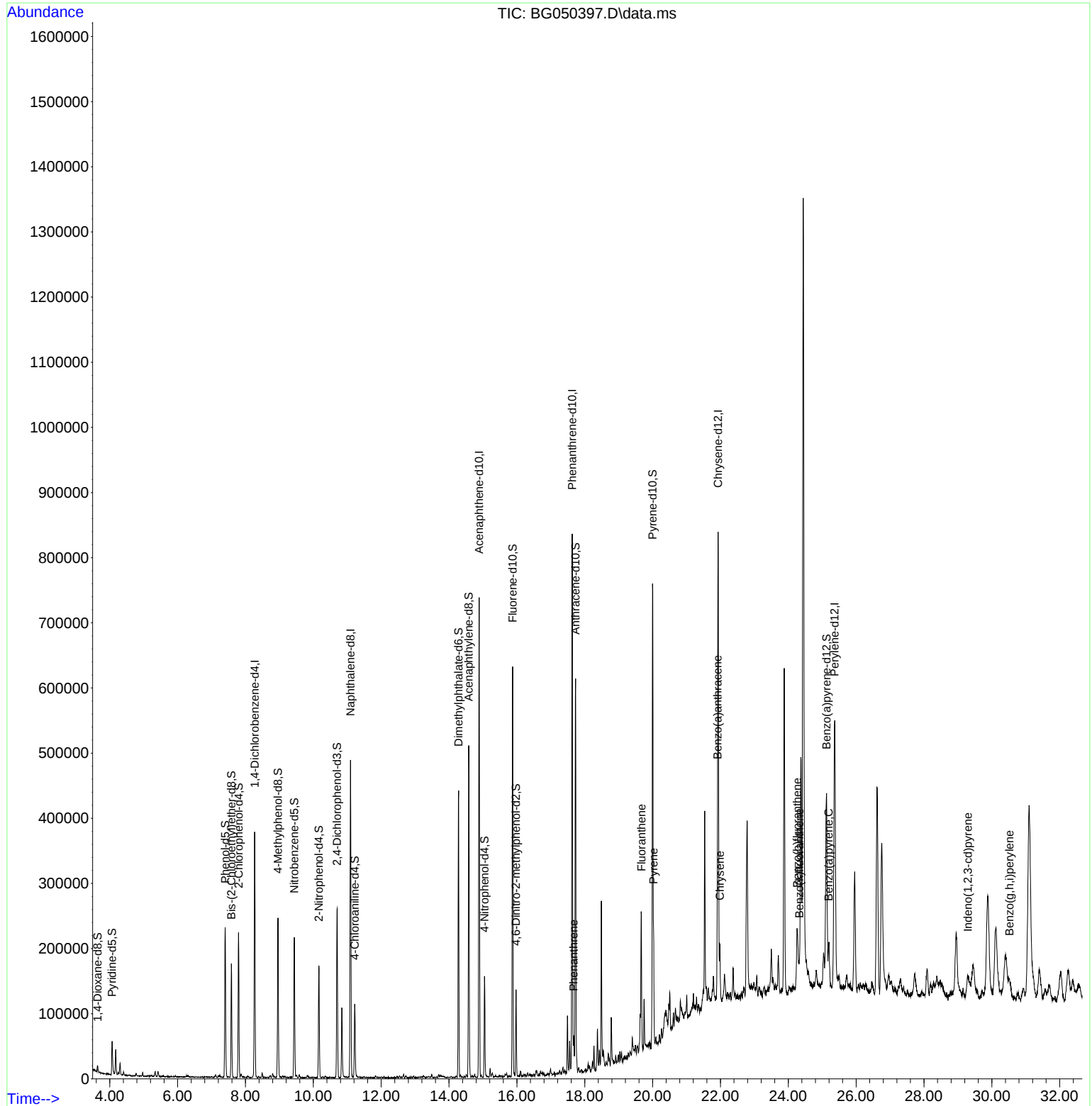
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050397.D
Acq On : 2 Oct 2021 20:22
Operator : CG/JU
Sample : M3877-10
Misc :
ALS Vial : 83 Sample Multiplier: 1

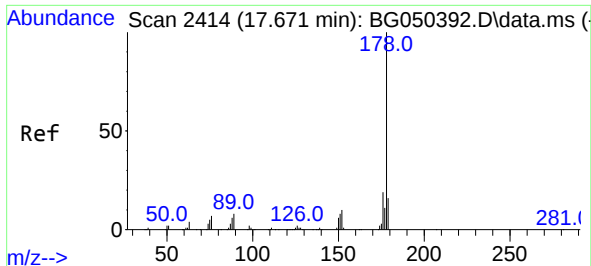
Instrument :
BNA_G
ClientSampled :
EW2M6

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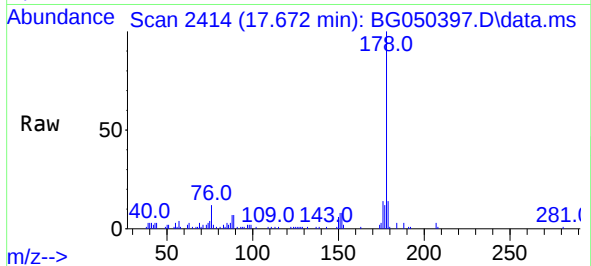
Quant Time: Oct 04 01:09:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.27 ng/ul
RT: 17.672 min Scan# 2414
Delta R.T. -0.011 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

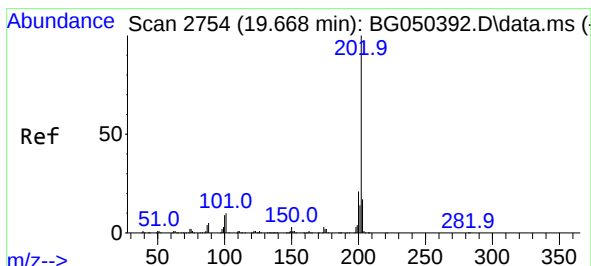
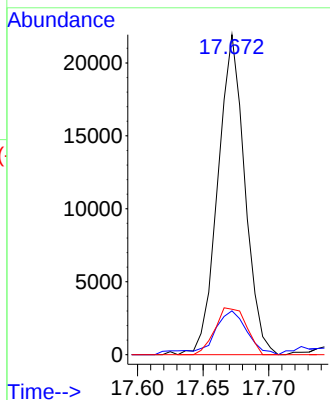
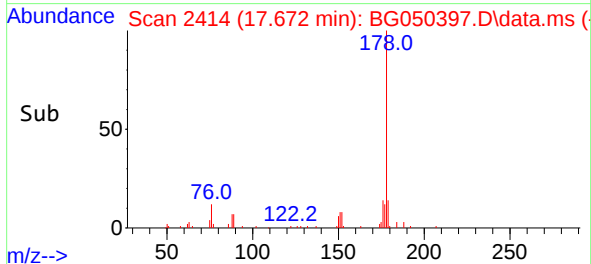
Instrument :
BNA_G
ClientSampled :
EW2M6



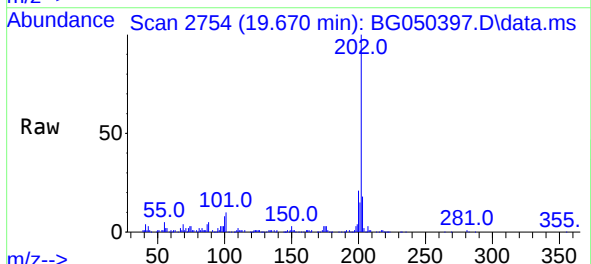
Tgt Ion:178 Resp: 31295
Ion Ratio Lower Upper
178 100
179 13.7 12.7 19.1
176 14.2 16.2 24.2#

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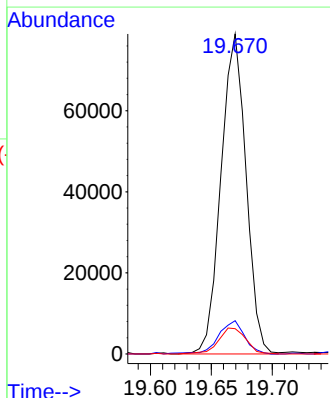
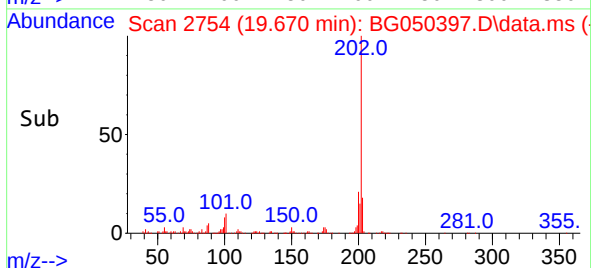
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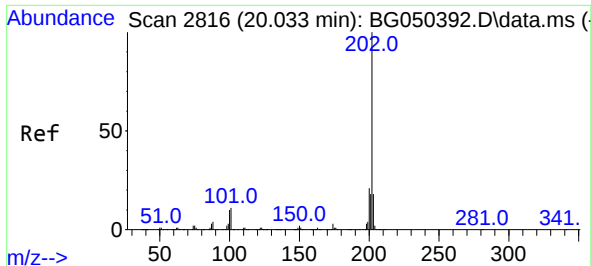


#80
Fluoranthene
Concen: 3.93 ng/ul
RT: 19.670 min Scan# 2754
Delta R.T. -0.005 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22



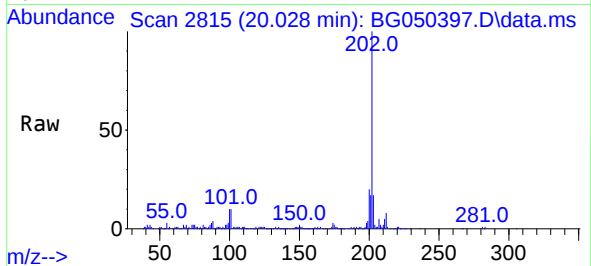
Tgt Ion:202 Resp: 113060
Ion Ratio Lower Upper
202 100
101 10.4 7.7 11.5
100 7.9 6.6 10.0





#82
Pyrene
Concen: 3.71 ng/ul
RT: 20.028 min Scan# 2815
Delta R.T. -0.011 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

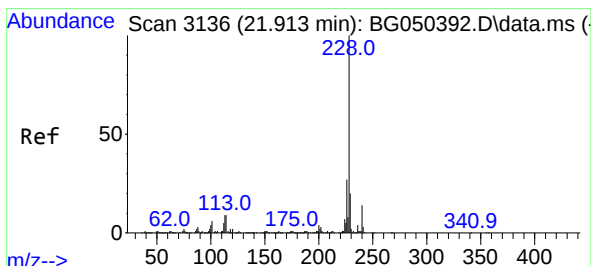
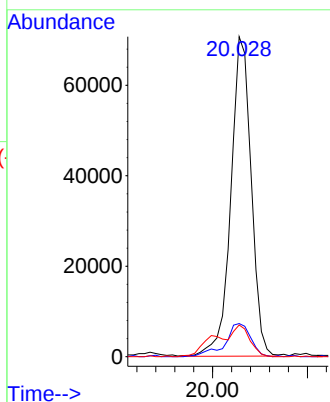
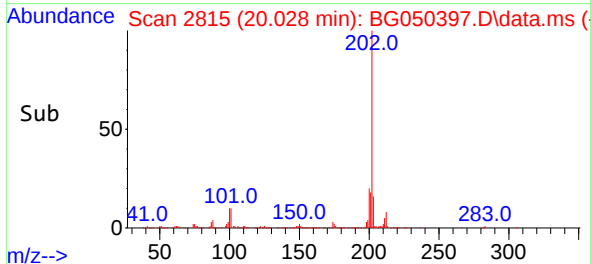
Instrument :
BNA_G
ClientSampled :
EW2M6



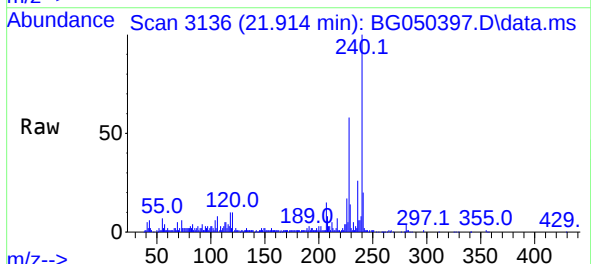
Tgt Ion:202 Resp: 105255
Ion Ratio Lower Upper
202 100
101 10.4 9.7 14.5
100 9.9 7.6 11.4

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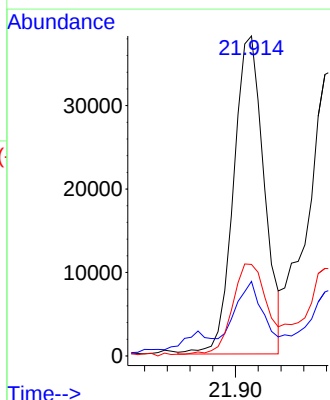
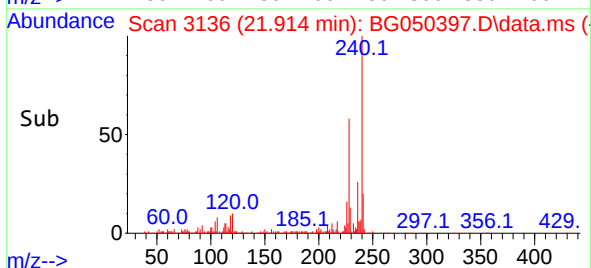
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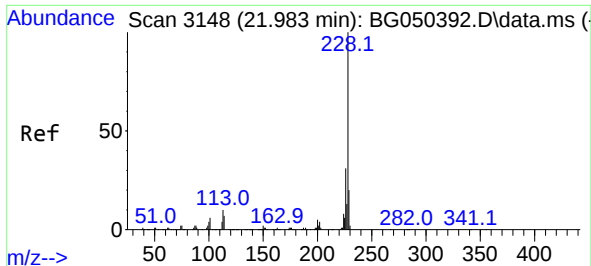


#85
Benzo(a)anthracene
Concen: 2.74 ng/ul
RT: 21.914 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22



Tgt Ion:228 Resp: 71192
Ion Ratio Lower Upper
228 100
229 23.3 15.9 23.9
226 28.6 22.2 33.2





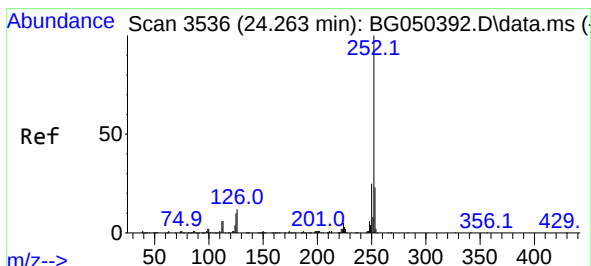
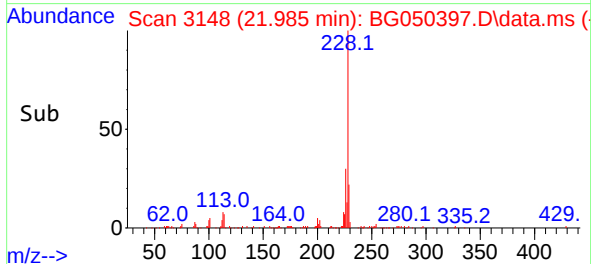
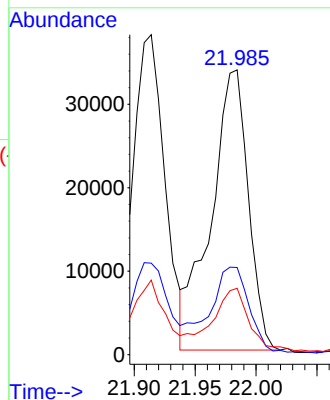
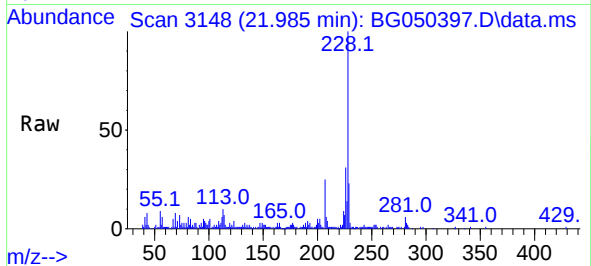
#87
Chrysene
Concen: 2.86 ng/ul
RT: 21.985 min Scan# 3148
Delta R.T. -0.011 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

Tgt Ion:	228	Resp:	71372
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.4	38.0
229	23.3	16.2	24.2

Instrument :
BNA_G
ClientSampled :
EW2M6

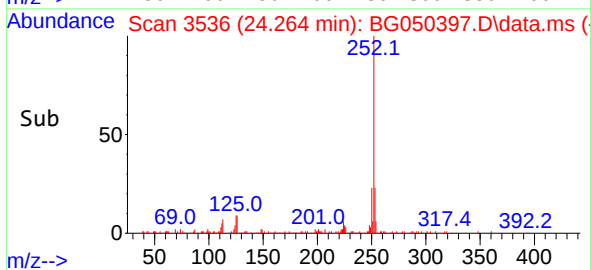
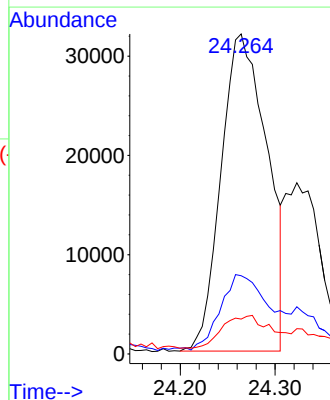
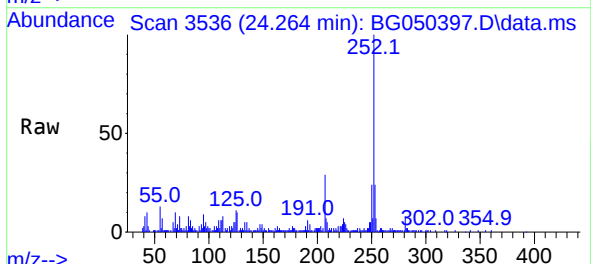
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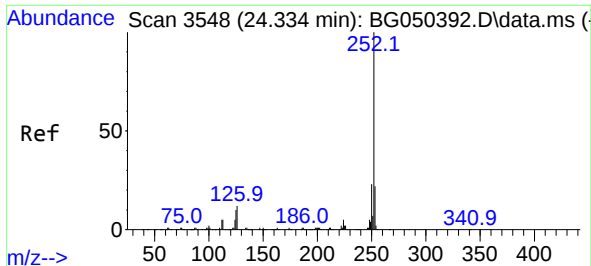
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#90
Benzo(b)fluoranthene
Concen: 4.12 ng/ul
RT: 24.264 min Scan# 3536
Delta R.T. -0.017 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

Tgt Ion:	252	Resp:	107639
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.8	26.8
125	10.9	6.7	10.1#





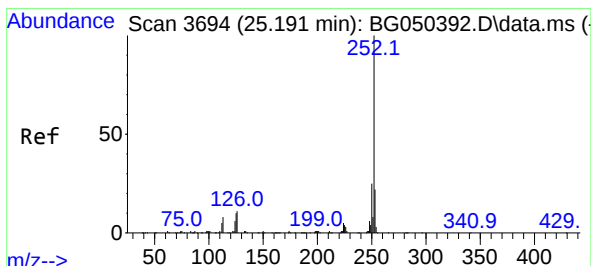
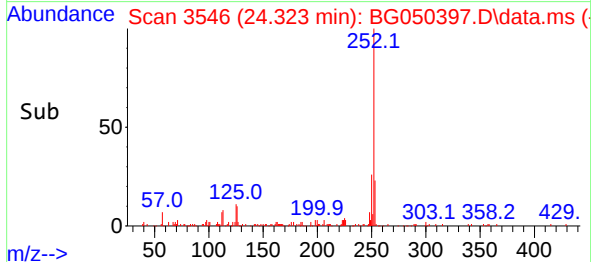
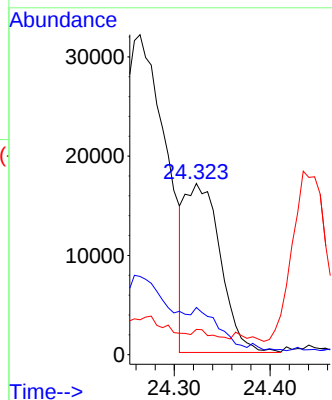
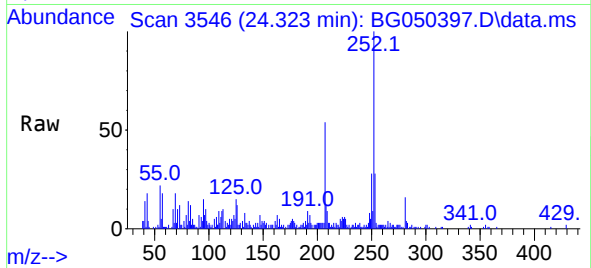
#91
Benzo(k)fluoranthene
Concen: 1.81 ng/ul m
RT: 24.323 min Scan# 3546
Delta R.T. -0.028 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

Instrument :
BNA_G
ClientSampled :
EW2M6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.1	25.7#
125	14.8	7.4	11.0#

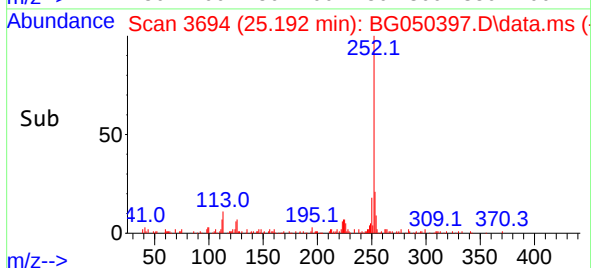
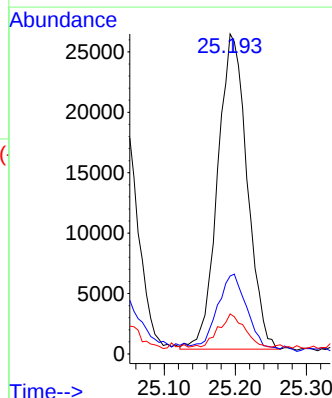
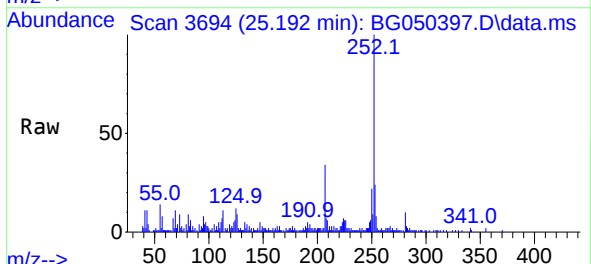
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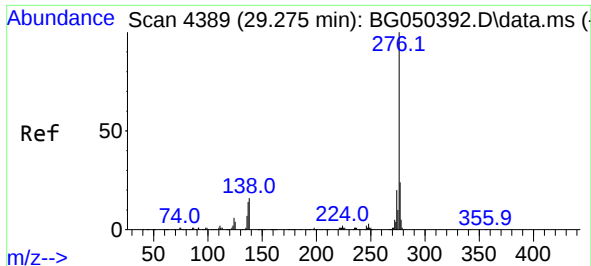
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#93
Benzo(a)pyrene
Concen: 3.02 ng/ul
RT: 25.192 min Scan# 3694
Delta R.T. -0.023 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	12.5	8.3	12.5





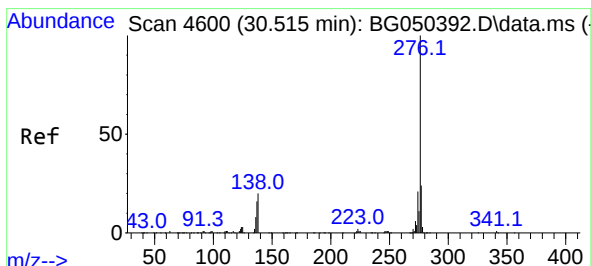
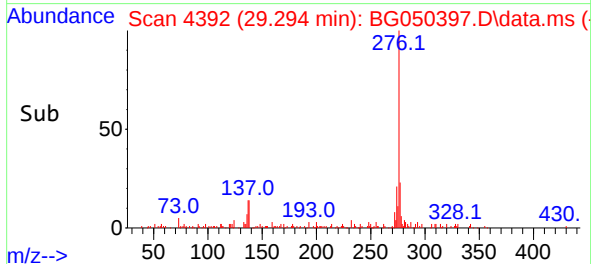
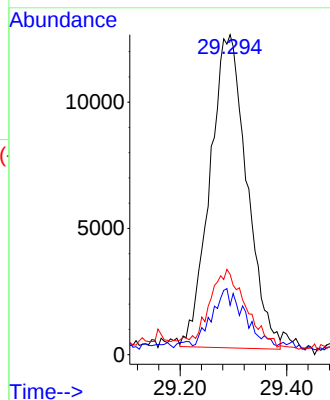
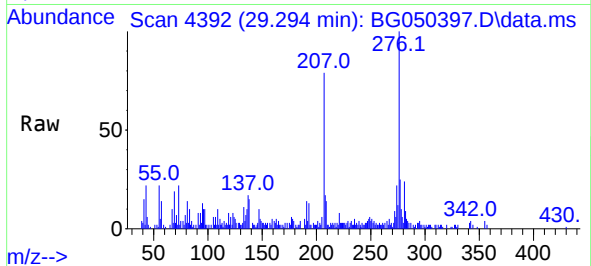
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng/ul
RT: 29.294 min Scan# 4392
Delta R.T. -0.023 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

Tgt Ion:	276	Resp:	59485
Ion Ratio	Lower	Upper	
276	100		
138	15.5	12.4	18.6
277	25.1	18.5	27.7

Instrument :
BNA_G
ClientSampled :
EW2M6

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#96
Benzo(g,h,i)perylene
Concen: 2.39 ng/ul m
RT: 30.522 min Scan# 4601
Delta R.T. -0.034 min
Lab File: BG050397.D
Acq: 2 Oct 2021 20:22

Tgt Ion:	276	Resp:	56297
Ion Ratio	Lower	Upper	
276	100		
138	20.0	14.1	21.1
277	25.4	17.9	26.9

