

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050104.D
 Acq On : 2 Sep 2021 19:50
 Operator : CG/JU
 Sample : M3526-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7A9

Manual Integrations
 APPROVED

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 9/3/2021 3:31:45 PM

Quant Time: Sep 03 00:58:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	26113	20.000	ng/u1	0.00
20) Naphthalene-d8	10.770	136	106923	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.612	164	76614	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.367	188	159300	20.000	ng/u1	0.00
79) Chrysene-d12	21.638	240	168194	20.000	ng/u1	0.00
88) Perylene-d12	24.857	264	172300	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	428	0.845	ng/uL	0.00
4) Pyridine-d5	3.786	84	1860m	1.219	ng/u1	0.04
7) Phenol-d5	7.128	99	14647	6.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	8001	6.495	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	10915	6.579	ng/u1	0.00
15) 4-Methylphenol-d8	8.679	113	10419m	5.966	ng/u1	0.00
21) Nitrobenzene-d5	9.126	128	6149	7.418	ng/u1	0.00
24) 2-Nitrophenol-d4	9.848	143	6273	6.355	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.406	165	11504	6.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.917	131	14650	6.114	ng/u1	0.00
46) Dimethylphthalate-d6	14.013	166	43123	7.355	ng/u1	0.00
49) Acenaphthylene-d8	14.307	160	52380	7.619	ng/u1	0.00
54) 4-Nitrophenol-d4	14.871	143	2807m	3.309	ng/u1	0.03
60) Fluorene-d10	15.611	176	36304	7.303	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.752	200	3824	3.731	ng/u1	0.00
73) Anthracene-d10	17.467	188	59199	8.276	ng/u1	0.00
81) Pyrene-d10	19.758	212	76285	8.393	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.640	264	71244	7.794	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.414	178	13984	1.761	ng/u1	95
80) Fluoranthene	19.423	202	22687	2.023	ng/u1	99
82) Pyrene	19.788	202	16751m	1.507	ng/u1	
87) Chrysene	21.679	228	10387m	1.048	ng/u1	
90) Benzo(b)fluoranthene	23.841	252	13068m	1.186	ng/u1	

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

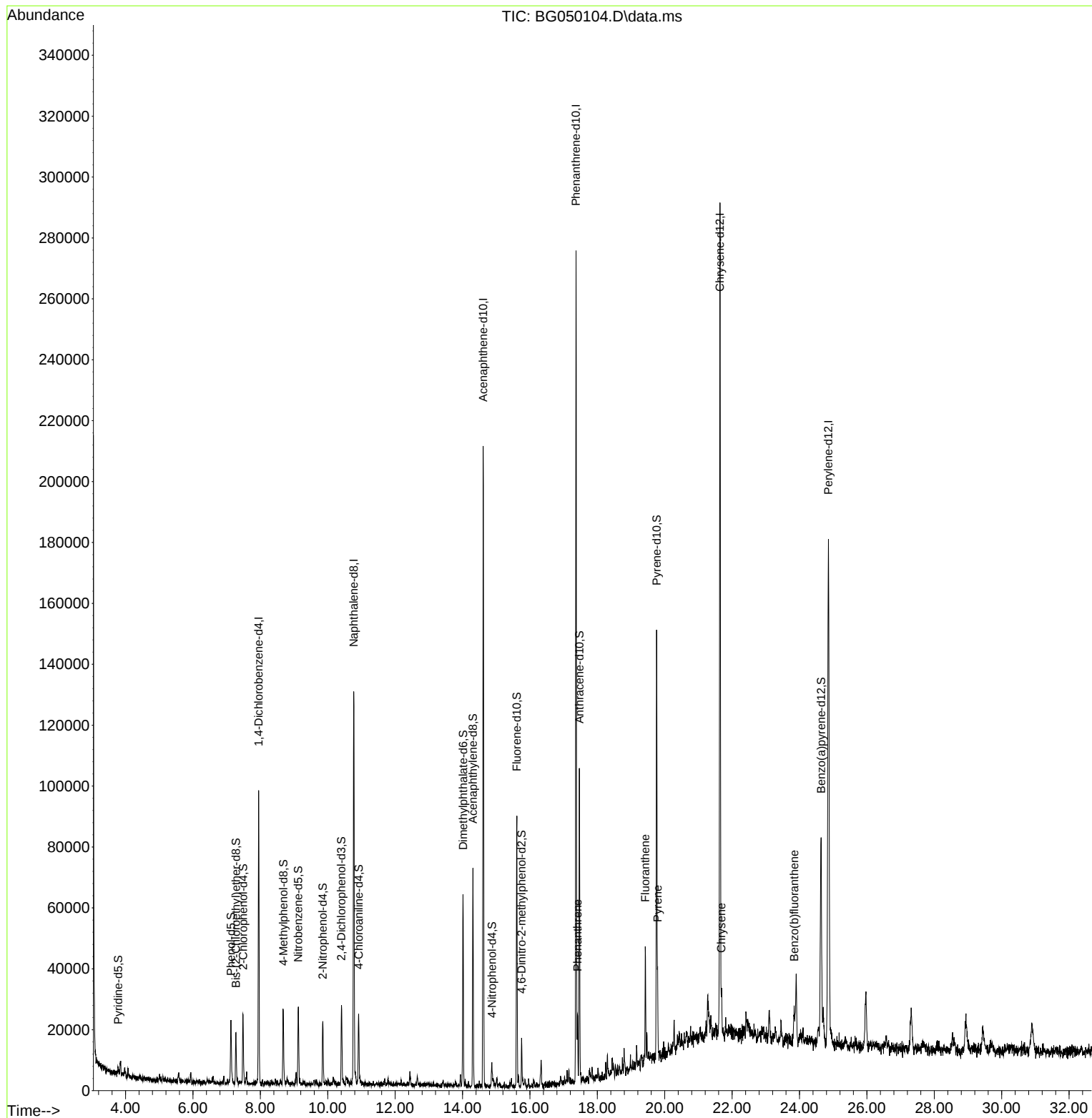
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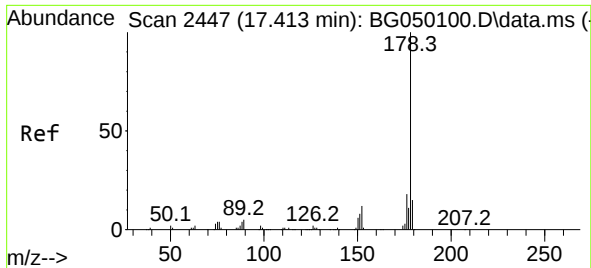
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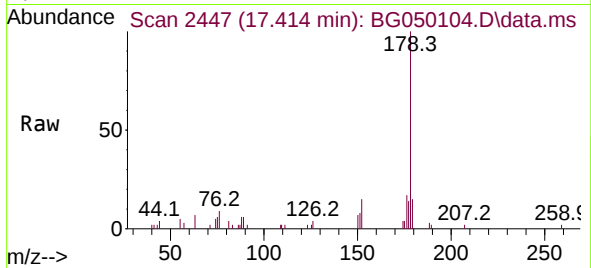
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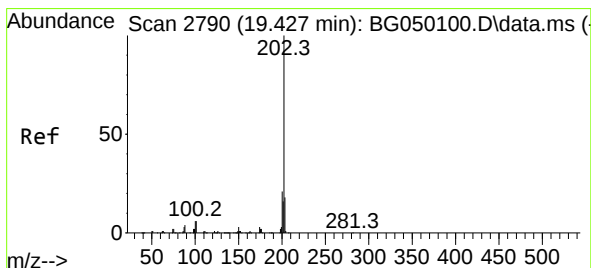
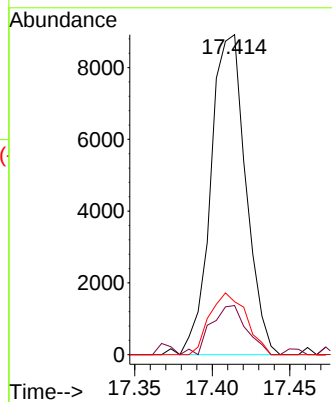
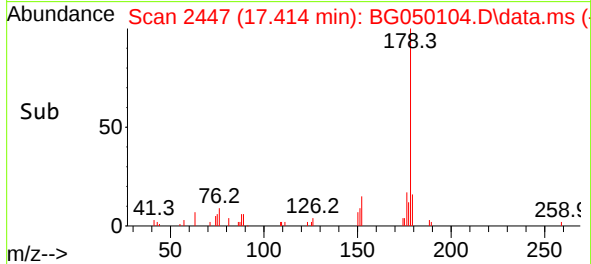




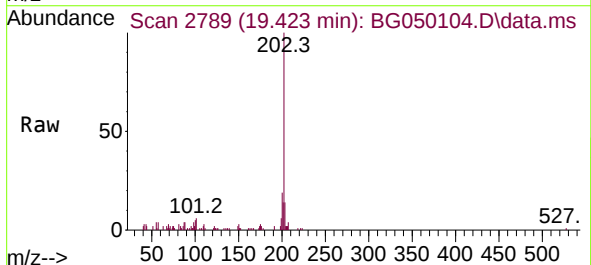
#72
Phenanthrene
Concen: 1.761 ng/ul
RT: 17.414 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG050104.D
Acq: 2 Sep 2021 19:50



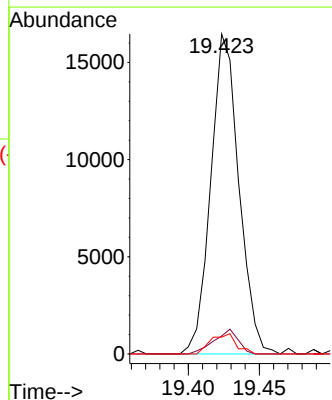
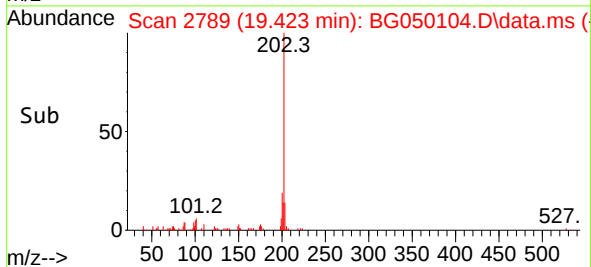
Tgt Ion:178 Resp: 13984
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 16.5 16.2 24.2



#80
Fluoranthene
Concen: 2.023 ng/ul
RT: 19.423 min Scan# 2789
Delta R.T. -0.010 min
Lab File: BG050104.D
Acq: 2 Sep 2021 19:50



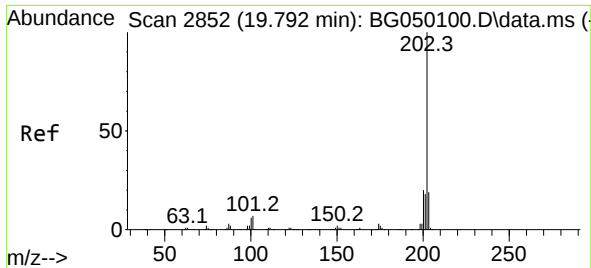
Tgt Ion:202 Resp: 22687
Ion Ratio Lower Upper
202 100
101 5.6 4.3 6.5
100 5.2 3.5 5.3



Instrument :
BNA_G
ClientSampled :
EW7A9

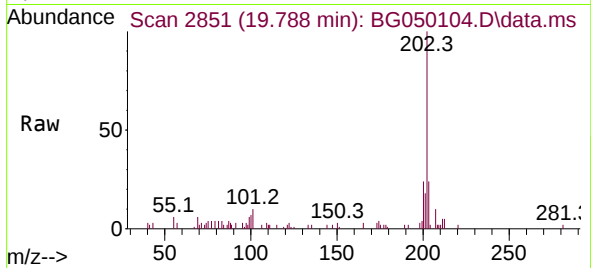
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#82
Pyrene
Concen: 1.507 ng/ul m
RT: 19.788 min Scan# 2851
Delta R.T. -0.010 min
Lab File: BG050104.D
Acq: 2 Sep 2021 19:50

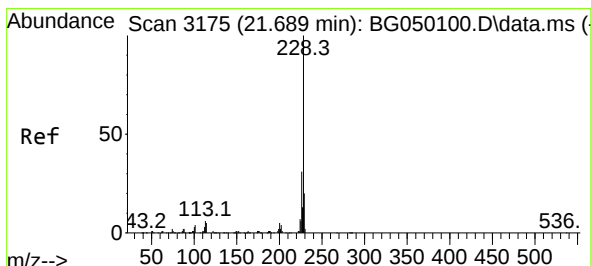
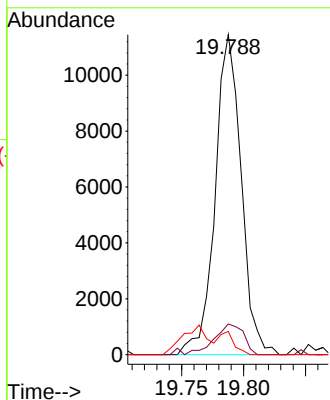
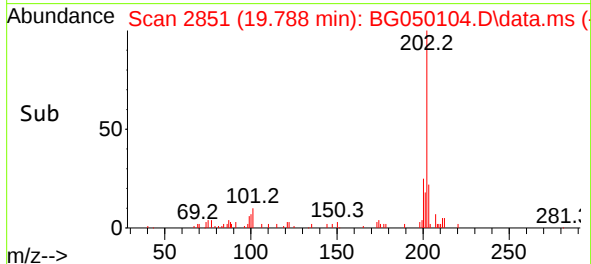
Instrument :
BNA_G
ClientSampleId :
EW7A9



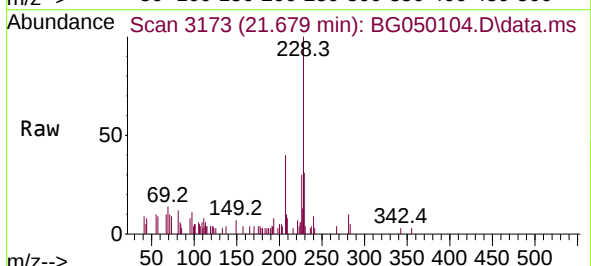
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.4	8.0#
100	7.2	5.0	7.6

Manual Integrations
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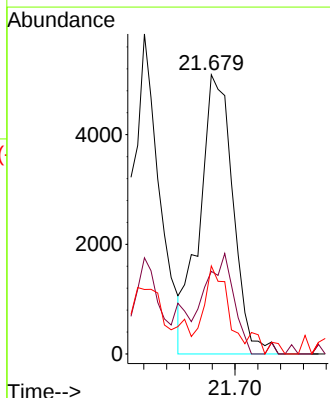
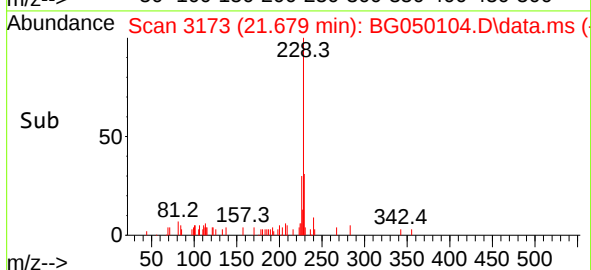
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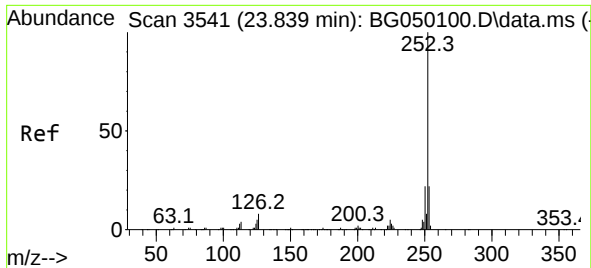


#87
Chrysene
Concen: 1.048 ng/ul m
RT: 21.679 min Scan# 3173
Delta R.T. -0.015 min
Lab File: BG050104.D
Acq: 2 Sep 2021 19:50

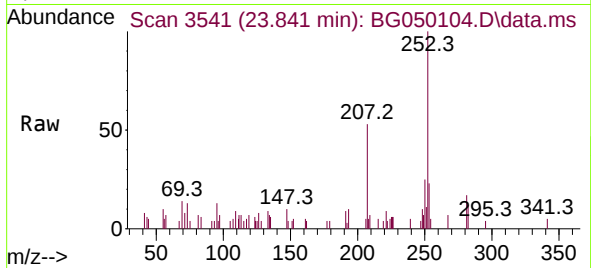


Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.4
229	31.5	17.8	26.6#

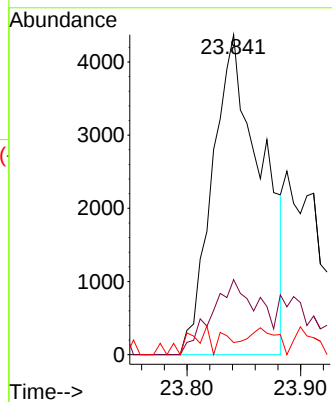
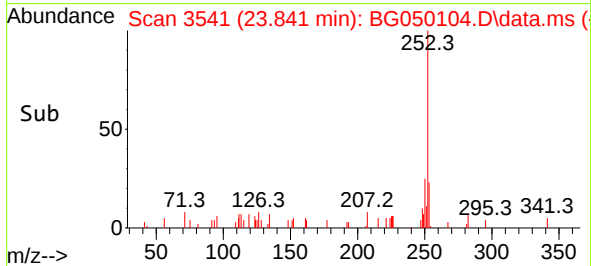




#90
Benzo(b)fluoranthene
Concen: 1.186 ng/ul m
RT: 23.841 min Scan# 3541
Delta R.T. -0.004 min
Lab File: BG050104.D
Acq: 2 Sep 2021 19:50



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	3.8	3.4	5.0



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