

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG050019.D
 Acq On : 28 Aug 2021 6:41
 Operator : CG/JU
 Sample : M3458-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB3

Manual Integrations
 APPROVED

mohammad
 8/30/2021 10:33:28 AM

Quant Time: Aug 28 07:52:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 27 11:22:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	37436	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.787	136	159684	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.623	164	108190	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.378	188	227625	20.000	ng/ul	-0.02
79) Chrysene-d12	21.655	240	207095	20.000	ng/ul	-0.01
88) Perylene-d12	24.880	264	208375	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	1134	1.562	ng/uL	-0.02
4) Pyridine-d5	3.779	84	4411m	2.017	ng/ul	0.00
7) Phenol-d5	7.139	99	27272	8.579	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.286	67	18077	10.236	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.497	132	23929	10.060	ng/ul	-0.02
15) 4-Methylphenol-d8	8.690	113	11362	4.538	ng/ul	-0.01
21) Nitrobenzene-d5	9.142	128	13146	10.619	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.865	143	15111	10.251	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.417	165	24606	9.358	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.934	131	9329	2.607	ng/ul	0.00
46) Dimethylphthalate-d6	14.024	166	89515	10.811	ng/ul	-0.02
49) Acenaphthylene-d8	14.318	160	107826	11.107	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.858	143	6681	5.577	ng/ul	0.00
60) Fluorene-d10	15.622	176	75762	10.792	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.757	200	7978	5.448	ng/ul	-0.01
73) Anthracene-d10	17.478	188	105515	10.323	ng/ul	-0.02
81) Pyrene-d10	19.769	212	128975	11.525	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.656	264	101842	9.212	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.425	178	11679	1.029	ng/ul	97
80) Fluoranthene	19.434	202	19895	1.441	ng/ul#	95
82) Pyrene	19.798	202	17340	1.267	ng/ul#	98
90) Benzo(b)fluoranthene	23.852	252	15287m	1.147	ng/ul	

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

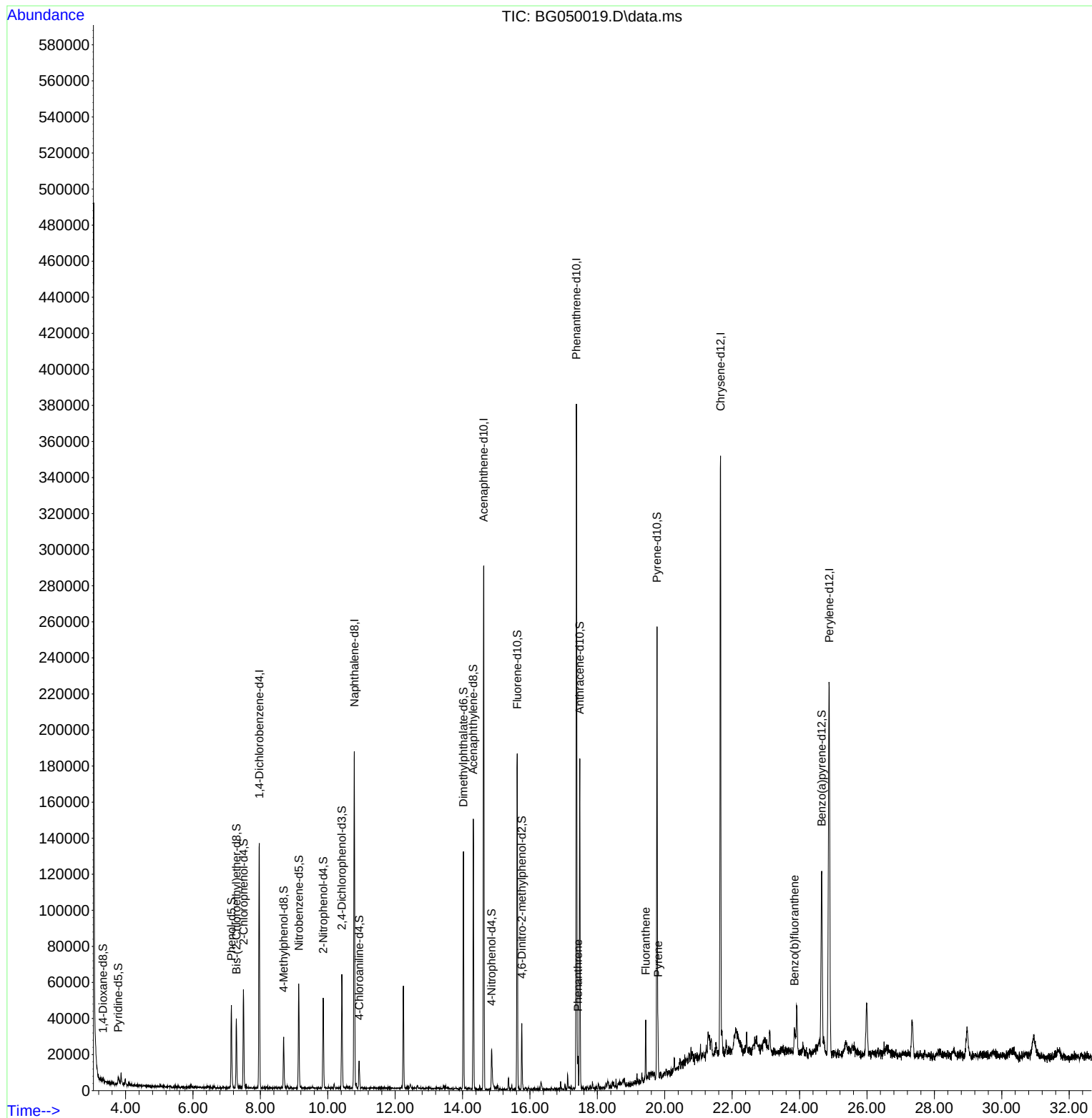
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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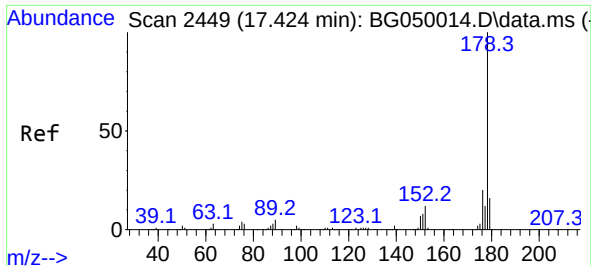
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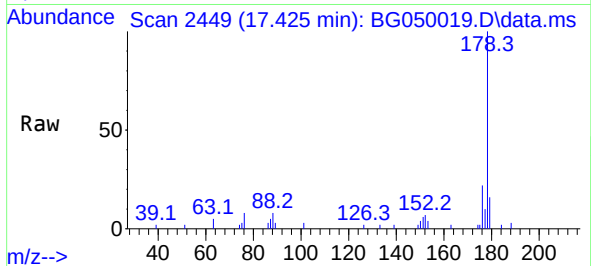
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#72
Phenanthrene
Concen: 1.029 ng/ul
RT: 17.425 min Scan# 2449
Delta R.T. -0.010 min
Lab File: BG050019.D
Acq: 28 Aug 2021 6:41

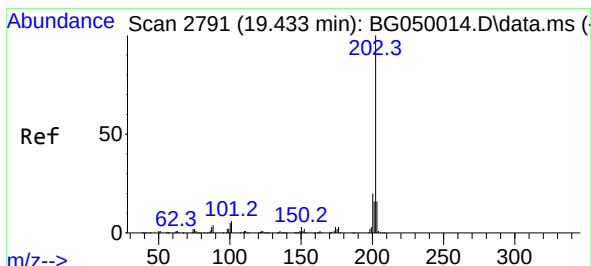
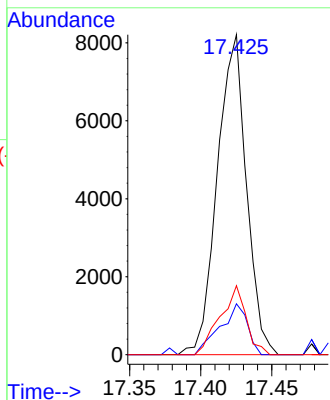
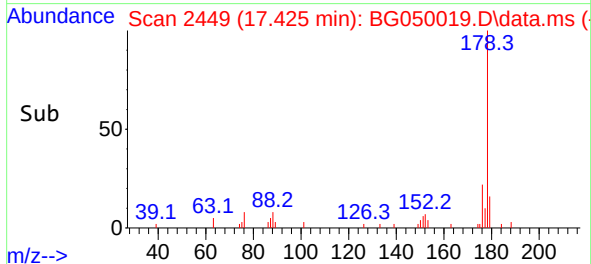
Instrument :
BNA_G
ClientSampleId :
C0AB3



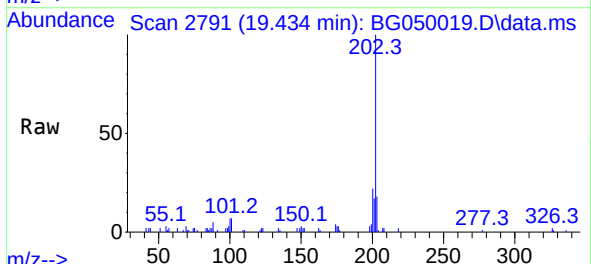
Tgt Ion:178 Resp: 11679
Ion Ratio Lower Upper
178 100
179 15.9 11.7 17.5
176 21.6 16.2 24.2

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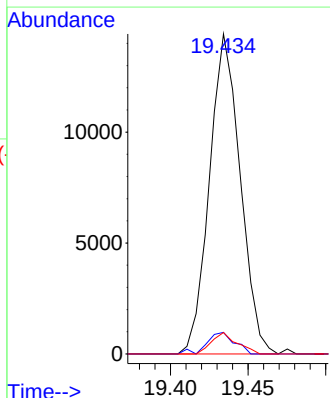
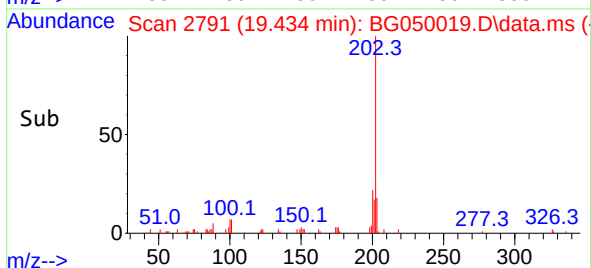
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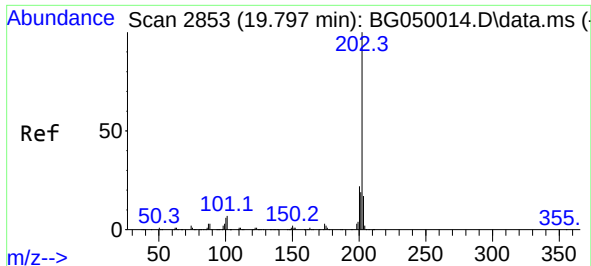


#80
Fluoranthene
Concen: 1.441 ng/ul
RT: 19.434 min Scan# 2791
Delta R.T. -0.010 min
Lab File: BG050019.D
Acq: 28 Aug 2021 6:41



Tgt Ion:202 Resp: 19895
Ion Ratio Lower Upper
202 100
101 6.8 4.3 6.5#
100 6.7 3.5 5.3#





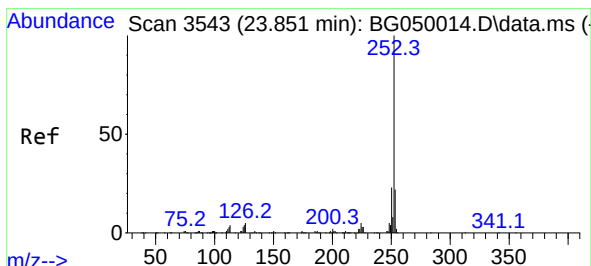
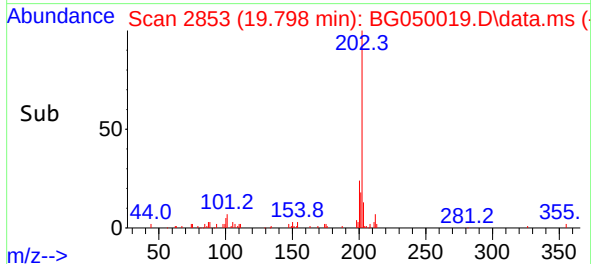
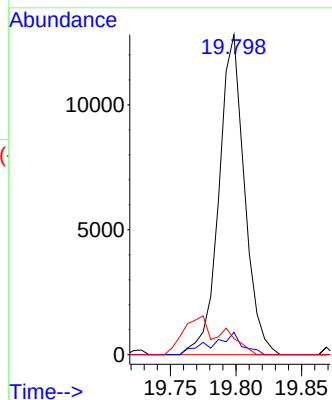
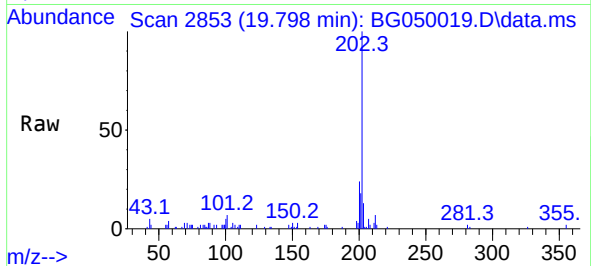
#82
Pyrene
Concen: 1.267 ng/ul
RT: 19.798 min Scan# 2853
Delta R.T. -0.010 min
Lab File: BG050019.D
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Tgt Ion:202 Resp: 17340
Ion Ratio Lower Upper
202 100
101 7.0 5.4 8.0
100 5.0 5.0 7.6#

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#90
Benzo(b)fluoranthene
Concen: 1.147 ng/ul m
RT: 23.852 min Scan# 3543
Delta R.T. -0.010 min
Lab File: BG050019.D
Acq: 28 Aug 2021 6:41

Tgt Ion:252 Resp: 15287
Ion Ratio Lower Upper
252 100
253 18.5 18.1 27.1
125 10.6 3.4 5.0#

