

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049708.D
 Acq On : 7 Aug 2021 16:47
 Operator : CG/JU
 Sample : M3220-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JCEN1

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:10:38 PM

Quant Time: Aug 08 01:19:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	26636	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	106185	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	76649	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	164705m	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	153695	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	151198	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	1700	2.984	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.197	99	39653	16.403	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	23701m	17.069	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	31408	18.153	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	25032m	13.581	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	16933	20.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	19453	20.365	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	32850	18.238	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	26960	10.934	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	120196	19.983	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	140133	19.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	14461	14.869	ng/ul	0.00
60) Fluorene-d10	15.686	176	102278	19.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	17095	15.421	ng/ul	0.00
73) Anthracene-d10	17.542	188	153216	19.707	ng/ul	0.00
81) Pyrene-d10	19.833	212	177836	21.000	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	150461	18.161	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.498	202	13285	1.271	ng/ul#	95
82) Pyrene	19.862	202	16696	1.602	ng/ul	98
90) Benzo(b)fluoranthene	23.957	252	13157m	1.331	ng/ul	
93) Benzo(a)pyrene	24.844	252	8968	1.031	ng/ul#	92

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

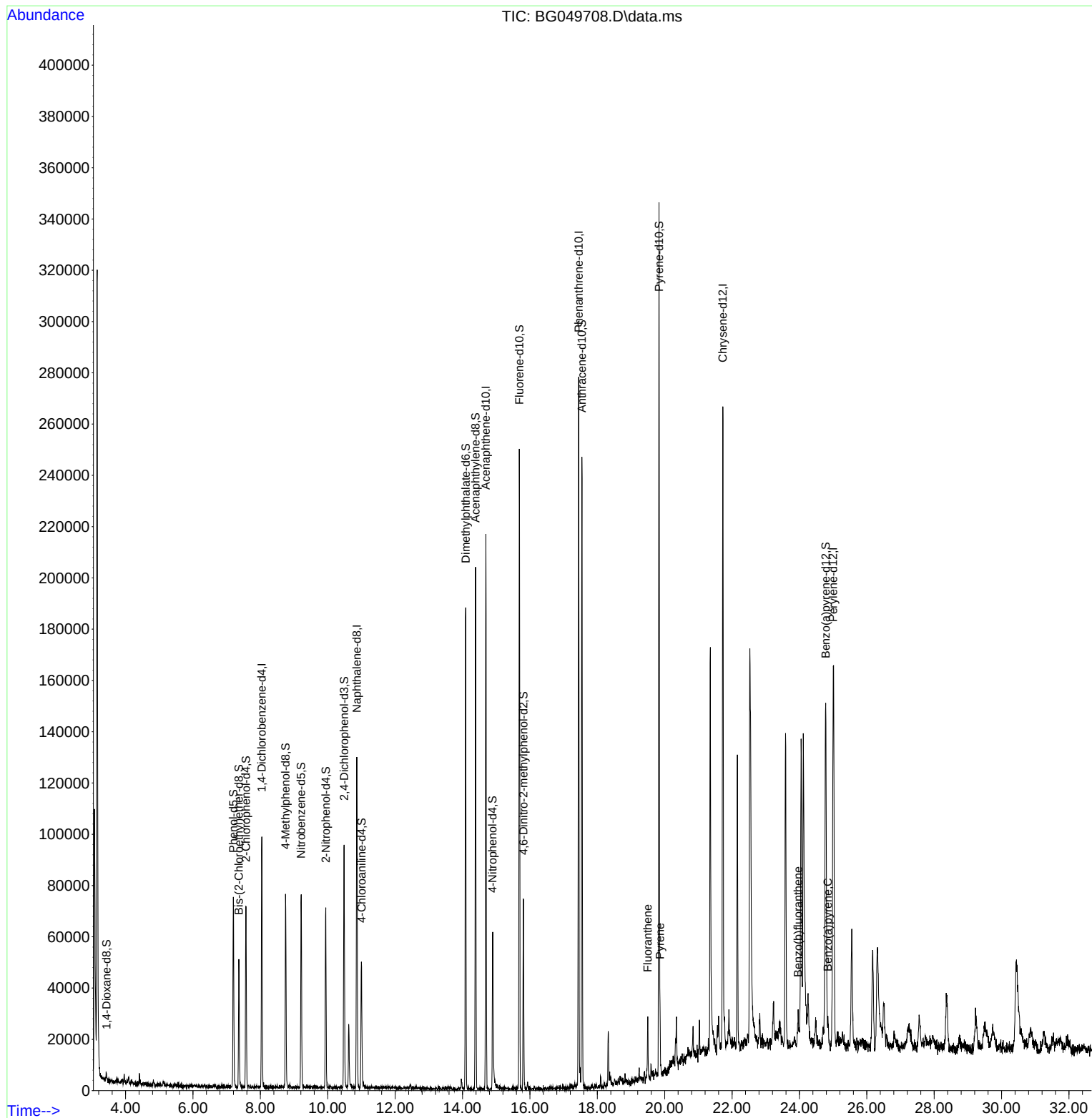
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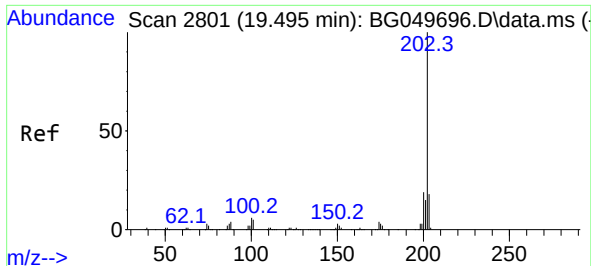
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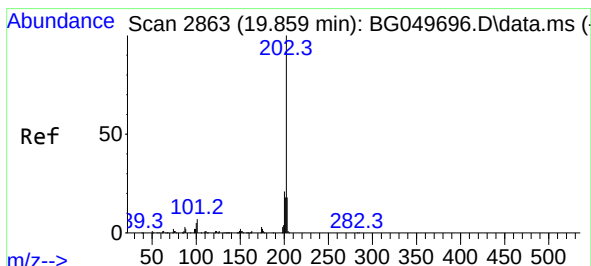
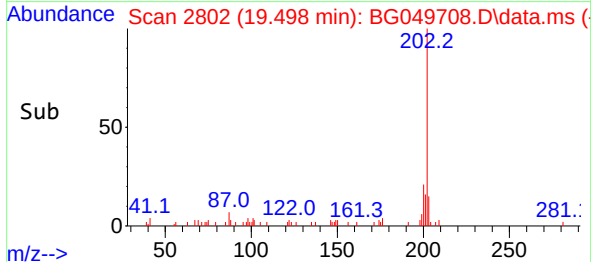
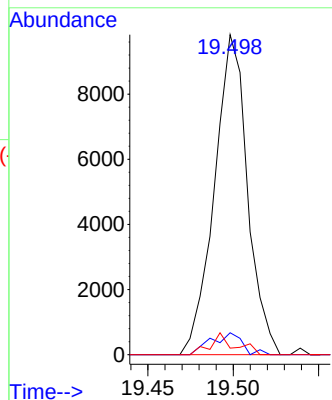
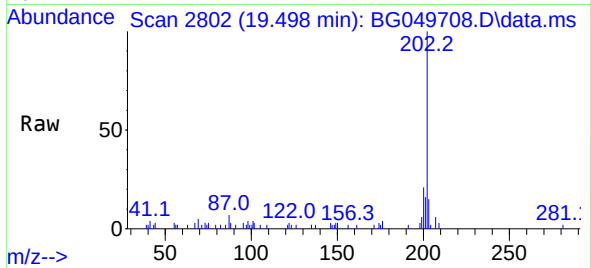
#80
Fluoranthene
Concen: 1.271 ng/u1
RT: 19.498 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG049708.D
Acq: 7 Aug 2021 16:47

Tgt Ion:202 Resp: 13285
Ion Ratio Lower Upper
202 100
101 6.9 4.8 7.2
100 2.1 3.9 5.9#

Instrument :
BNA_G
ClientSampled :
JCEN1

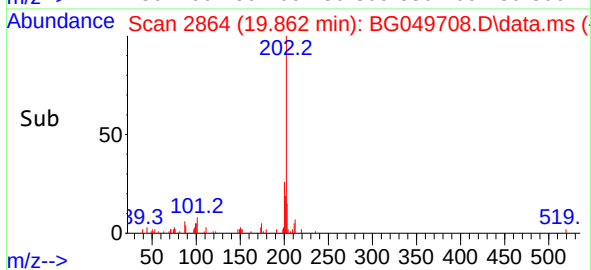
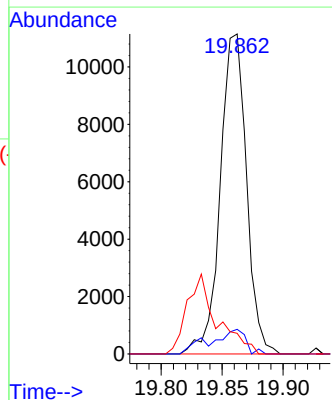
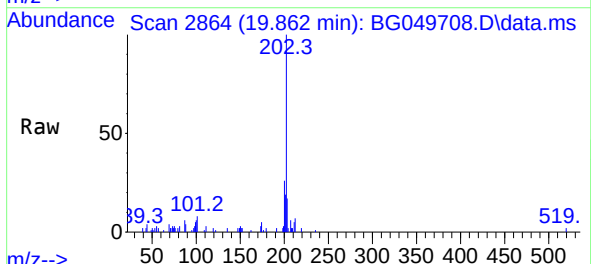
Manual Integrations
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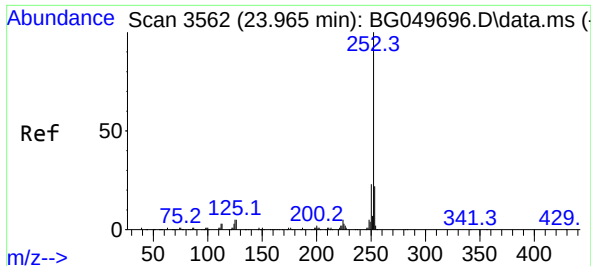
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#82
Pyrene
Concen: 1.602 ng/u1
RT: 19.862 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049708.D
Acq: 7 Aug 2021 16:47

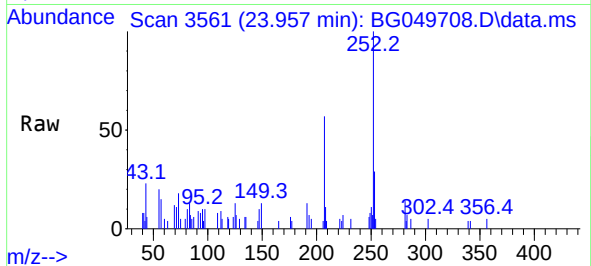
Tgt Ion:202 Resp: 16696
Ion Ratio Lower Upper
202 100
101 7.7 5.2 7.8
100 6.4 4.8 7.2





#90
Benzo(b)fluoranthene
Concen: 1.331 ng/ul m
RT: 23.957 min Scan# 3561
Delta R.T. 0.000 min
Lab File: BG049708.D
Acq: 7 Aug 2021 16:47

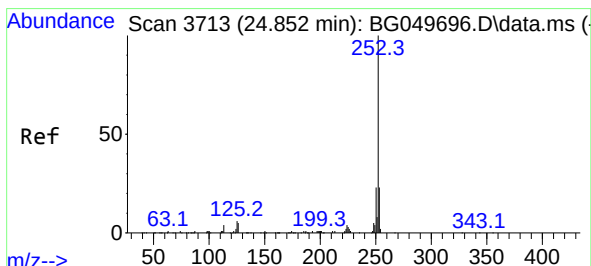
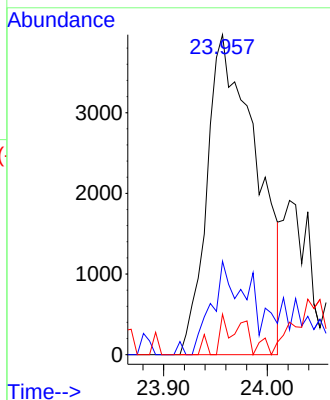
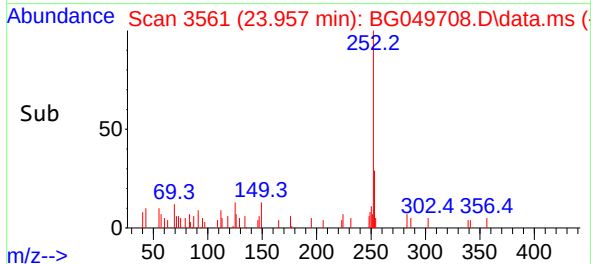
Instrument :
BNA_G
ClientSampled :
JCEN1



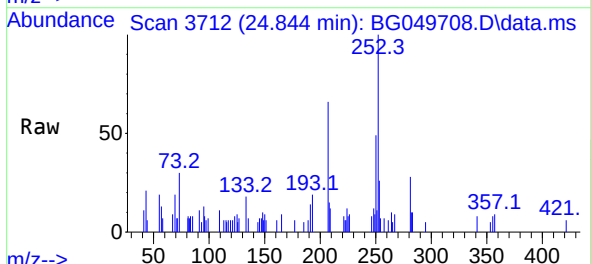
Tgt Ion:252 Resp: 13157
Ion Ratio Lower Upper
252 100
253 29.2 17.4 26.2#
125 12.7 3.7 5.5#

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#93
Benzo(a)pyrene
Concen: 1.031 ng/ul
RT: 24.844 min Scan# 3712
Delta R.T. -0.006 min
Lab File: BG049708.D
Acq: 7 Aug 2021 16:47



Tgt Ion:252 Resp: 8968
Ion Ratio Lower Upper
252 100
253 25.9 17.7 26.5
125 8.6 4.6 7.0#

