

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
 Data File : BG063737.D
 Acq On : 18 Dec 2024 22:31
 Operator : RC/JU
 Sample : P5226-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2AN6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 00:27:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	119159	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.591	136	506609	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.440	164	401790	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.195	188	1098778	20.000	ng/u1	-0.01
79) Chrysene-d12	21.443	240	1114324	20.000	ng/u1	-0.02
88) Perylene-d12	24.457	264	1165399	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	11064	3.639	ng/uL	-0.02
4) Pyridine-d5	3.670	84	164702	17.170	ng/u1	-0.02
7) Phenol-d5	6.990	99	212175	19.334	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.131	67	138676	18.296	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.342	132	137688	19.379	ng/u1	0.00
15) 4-Methylphenol-d8	8.523	113	158454	18.597	ng/u1	0.00
21) Nitrobenzene-d5	8.958	128	71519	19.772	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.681	143	85808	21.163	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	157073	20.008	ng/u1	0.00
31) 4-Chloroaniline-d4	10.732	131	196276	19.691	ng/u1	-0.01
46) Dimethylphthalate-d6	13.846	166	574361	21.008	ng/u1	-0.01
49) Acenaphthylene-d8	14.134	160	652844	20.947	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.675	143	82990m	21.424	ng/u1	0.00
60) Fluorene-d10	15.438	176	541432	22.399	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.574	200	75037	13.153	ng/u1	0.00
73) Anthracene-d10	17.289	188	975815	20.656	ng/u1	-0.02
81) Pyrene-d10	19.592	212	1162541	20.048	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.246	264	1063949	19.441	ng/u1	-0.03
Target Compounds					Qvalue	
80) Fluoranthene	19.258	202	145282	2.204	ng/u1	100
82) Pyrene	19.622	202	123265	1.758	ng/u1	98
90) Benzo(b)fluoranthene	23.505	252	78351	1.183	ng/u1	96

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

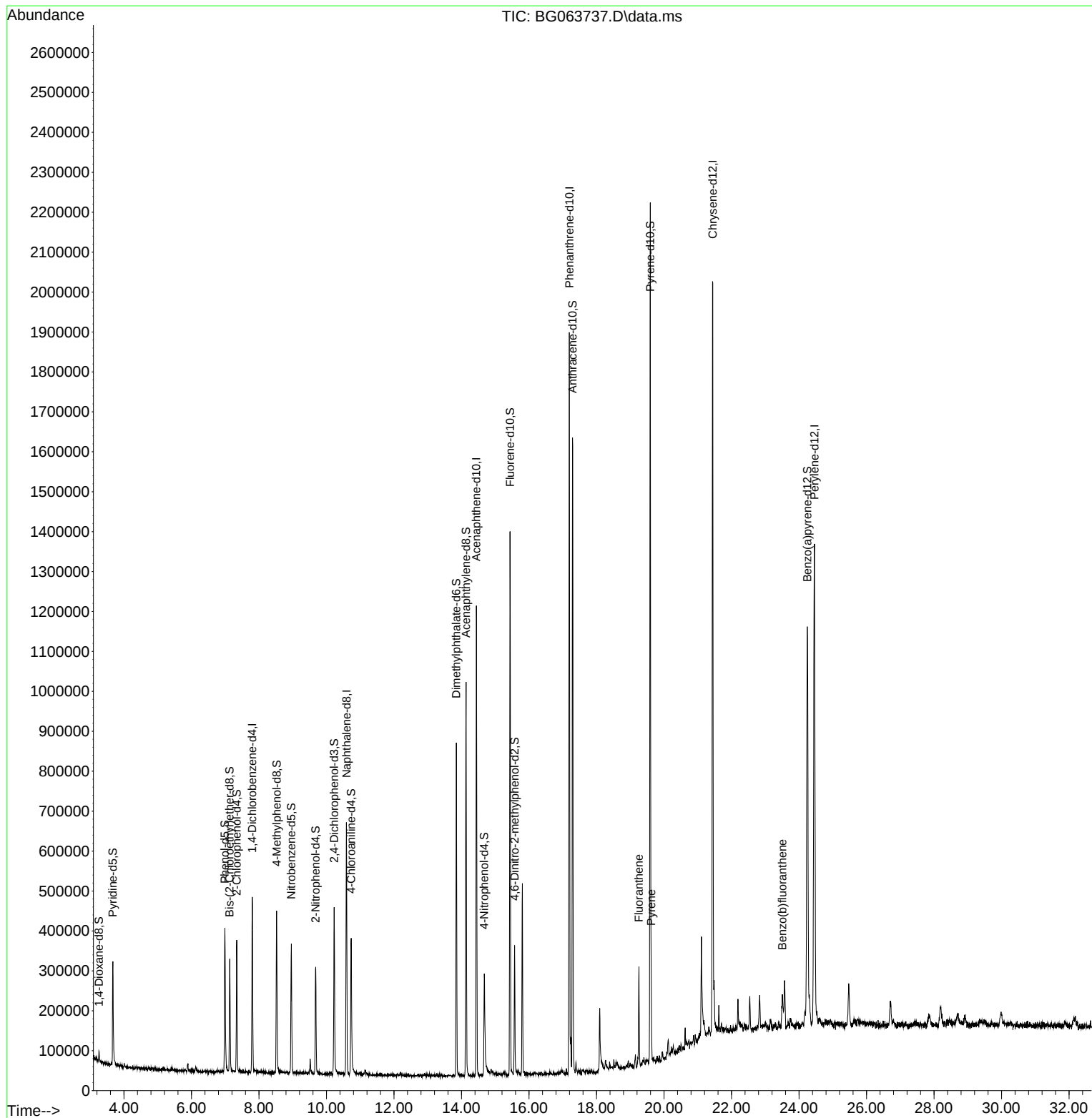
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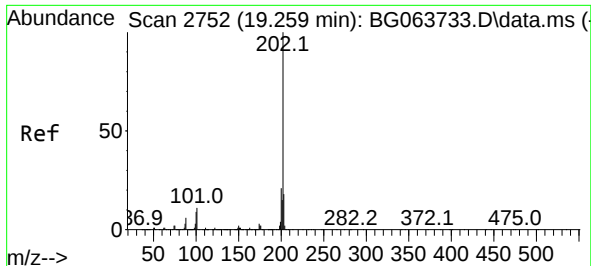
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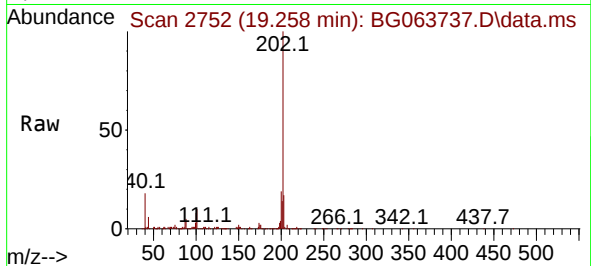
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024





#80
Fluoranthene
Concen: 2.204 ng/ul
RT: 19.258 min Scan# 2752
Delta R.T. -0.011 min
Lab File: BG063737.D
Acq: 18 Dec 2024 22:31

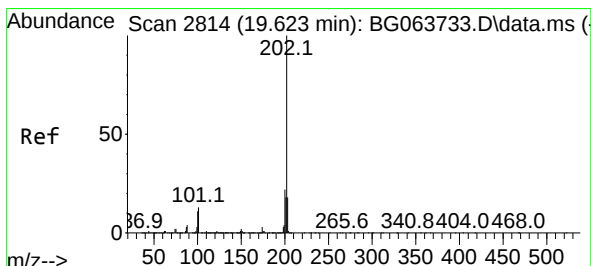
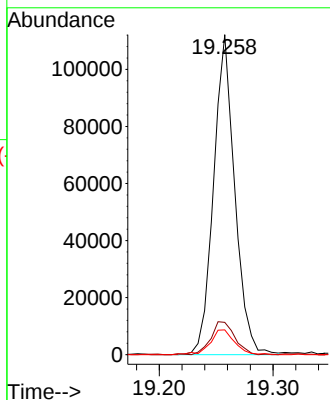
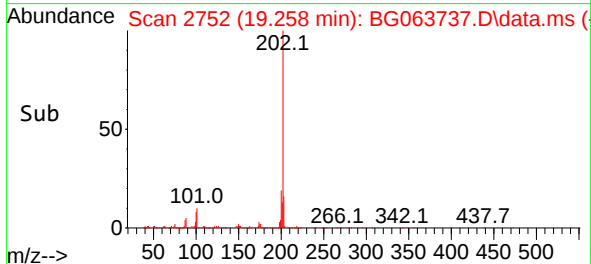
Instrument :
BNA_G
ClientSampleId :
E2AN6



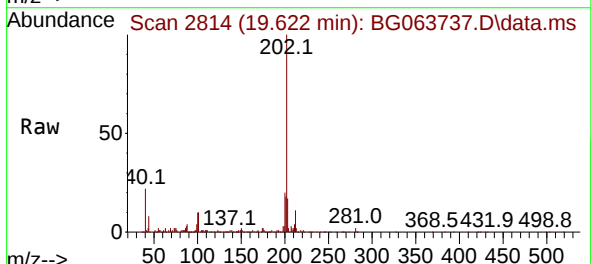
Tgt Ion:202 Resp: 14528
Ion Ratio Lower Upper
202 100
101 10.1 8.1 12.1
100 7.8 6.5 9.7

Manual Integrations
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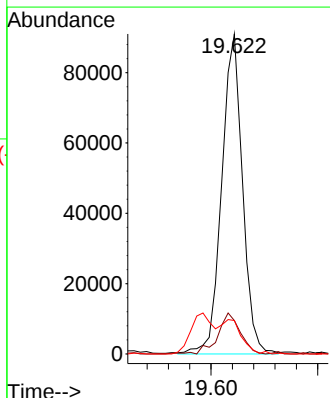
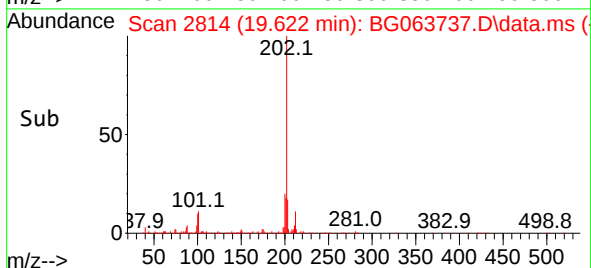
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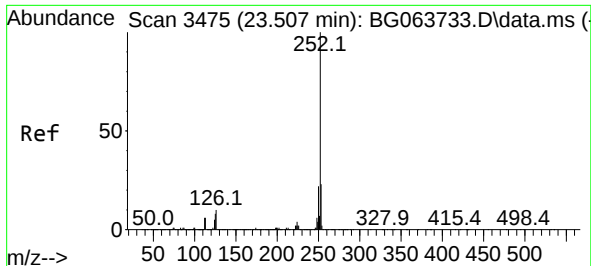


#82
Pyrene
Concen: 1.758 ng/ul
RT: 19.622 min Scan# 2814
Delta R.T. -0.011 min
Lab File: BG063737.D
Acq: 18 Dec 2024 22:31



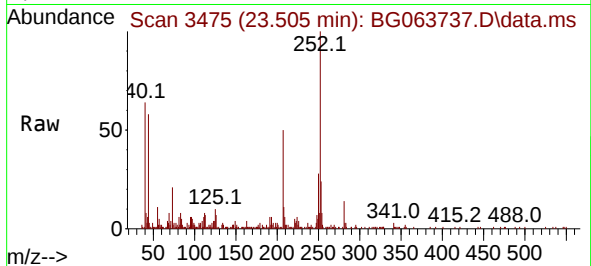
Tgt Ion:202 Resp: 123265
Ion Ratio Lower Upper
202 100
101 10.5 8.7 13.1
100 10.4 7.8 11.6





#90
Benzo(b)fluoranthene
Concen: 1.183 ng/ul
RT: 23.505 min Scan# 3475
Delta R.T. -0.017 min
Lab File: BG063737.D
Acq: 18 Dec 2024 22:31

Instrument :
BNA_G
ClientSampleId :
E2AN6



Tgt Ion:252 Resp: 7835
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 9.9 7.0 10.4

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