

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
 Data File : BG063601.D
 Acq On : 9 Dec 2024 14:05
 Operator : RC/JU
 Sample : P5066-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28M0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 00:25:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 15:14:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	94524	20.000	ng/ul	0.00
20) Naphthalene-d8	10.617	136	412292	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.465	164	295753	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	655555	20.000	ng/ul	0.00
79) Chrysene-d12	21.481	240	623152	20.000	ng/ul	# 0.00
88) Perylene-d12	24.536	264	702775	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	5493	2.565	ng/uL	0.01
4) Pyridine-d5	3.696	84	83462	10.537	ng/ul	0.00
7) Phenol-d5	7.004	99	136074	14.621	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.156	67	117345	18.648	ng/ul	0.00
11) 2-Chlorophenol-d4	7.362	132	78576	14.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.531	113	116677	16.909	ng/ul	0.00
21) Nitrobenzene-d5	8.978	128	53787	18.586	ng/ul	0.00
24) 2-Nitrophenol-d4	9.706	143	17494	5.283	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.247	165	70907	9.944	ng/ul	0.01
31) 4-Chloroaniline-d4	10.752	131	164420	19.081	ng/ul	0.00
46) Dimethylphthalate-d6	13.872	166	443645	20.640	ng/ul	0.00
49) Acenaphthylene-d8	14.154	160	519984	22.132	ng/ul	0.00
54) 4-Nitrophenol-d4	14.689	143	343	0.125	ng/ul	0.00
60) Fluorene-d10	15.464	176	390999	18.454	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.605	200	1766	0.477	ng/ul	0.02
73) Anthracene-d10	17.315	188	628597m	21.000	ng/ul	0.00
81) Pyrene-d10	19.618	212	739819	21.419	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.319	264	755850	21.414	ng/ul	0.02
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.274	142	24674	1.508	ng/ul	93
37) 1-Methylnaphthalene	12.497	142	24803	1.495	ng/ul#	91
72) Phenanthrene	17.262	178	200946	6.223	ng/ul	97
80) Fluoranthene	19.283	202	97326	2.507	ng/ul#	86
82) Pyrene	19.648	202	111077	2.692	ng/ul#	93

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

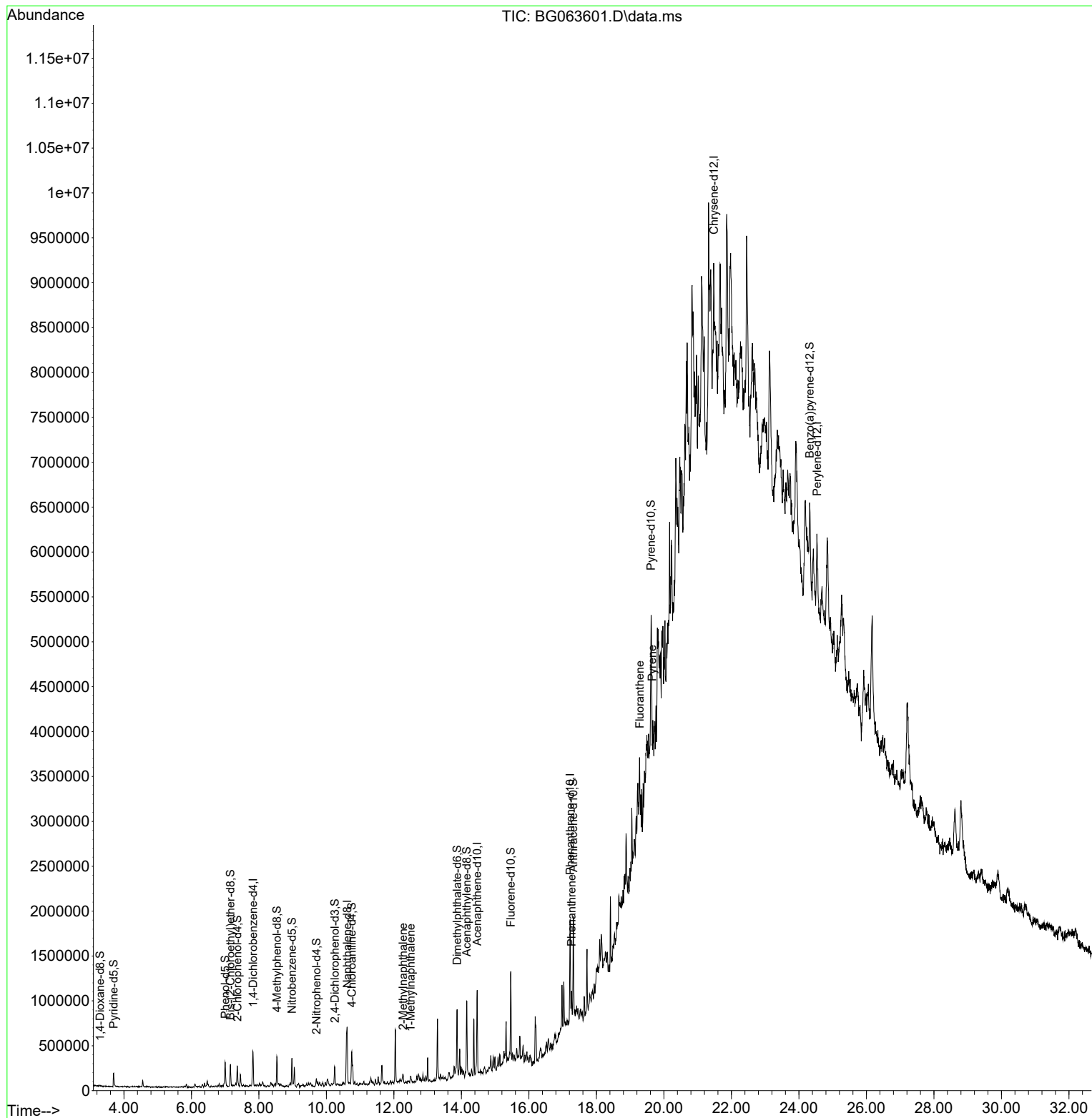
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
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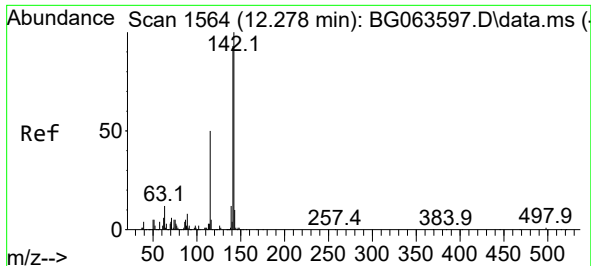
Instrument :
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Quant Time: Dec 10 00:25:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
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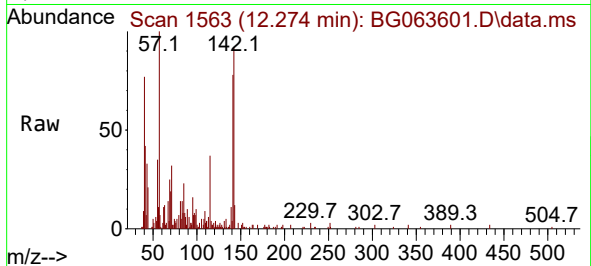
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024





#36
2-Methylnaphthalene
Concen: 1.508 ng/ul
RT: 12.274 min Scan# 1563
Delta R.T. 0.001 min
Lab File: BG063601.D
Acq: 9 Dec 2024 14:05

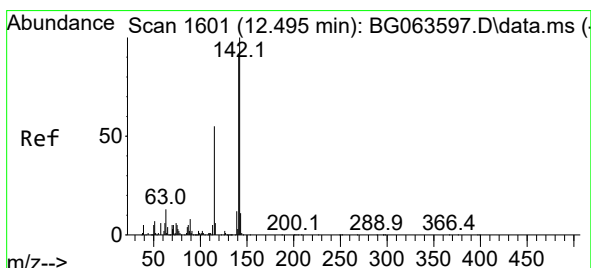
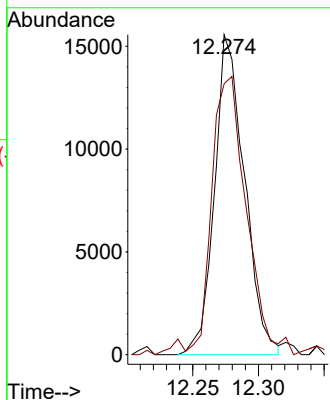
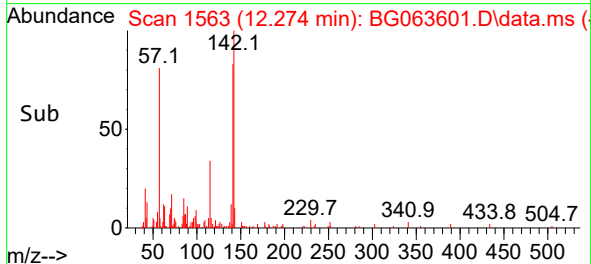
Instrument :
BNA_G
ClientSampleId :
E28M0



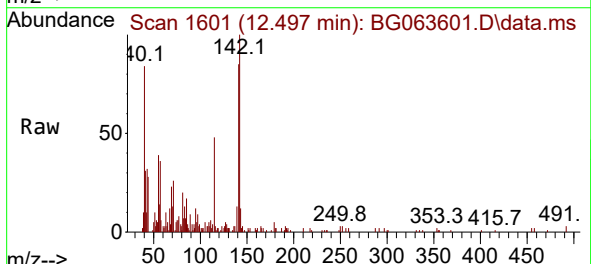
Tgt Ion:142 Resp: 24674
Ion Ratio Lower Upper
142 100
141 84.7 73.4 110.0

Manual Integrations
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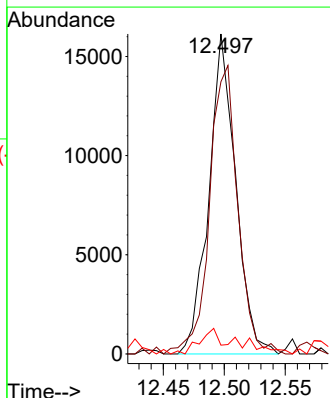
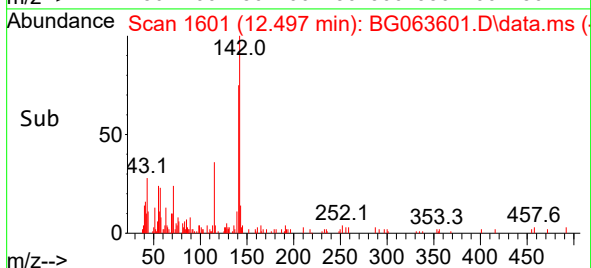
Reviewed By :Yogesh Patel 12/11/2024
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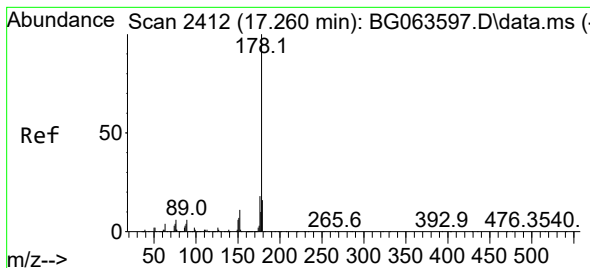


#37
1-Methylnaphthalene
Concen: 1.495 ng/ul
RT: 12.497 min Scan# 1601
Delta R.T. 0.001 min
Lab File: BG063601.D
Acq: 9 Dec 2024 14:05



Tgt Ion:142 Resp: 24803
Ion Ratio Lower Upper
142 100
141 85.1 74.6 111.8
116 2.7 5.2 7.8#





#72

Phenanthrene

Concen: 6.223 ng/ul

RT: 17.262 min Scan# 2412

Delta R.T. 0.007 min

Lab File: BG063601.D

Acq: 9 Dec 2024 14:05

Instrument :

BNA_G

ClientSampleId :

E28M0

Tgt Ion:178 Resp: 200940

Ion Ratio Lower Upper

178 100

179 15.8 13.2 19.8

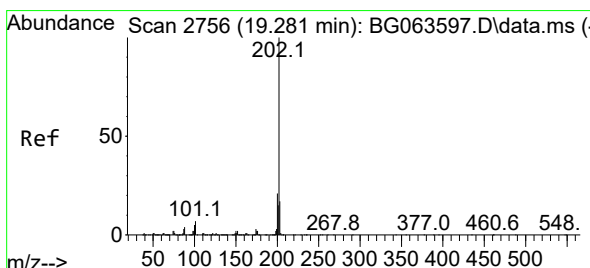
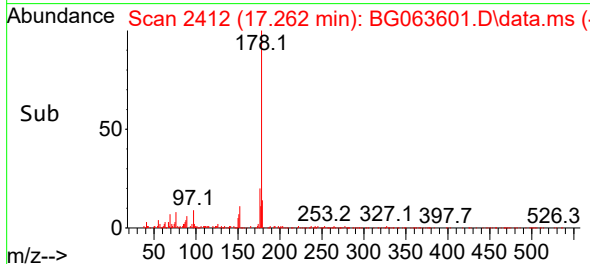
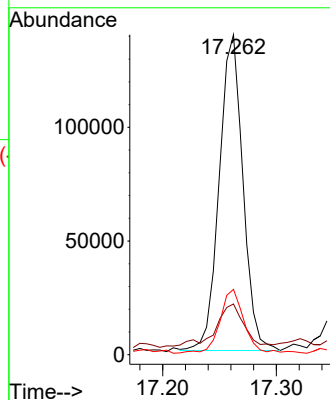
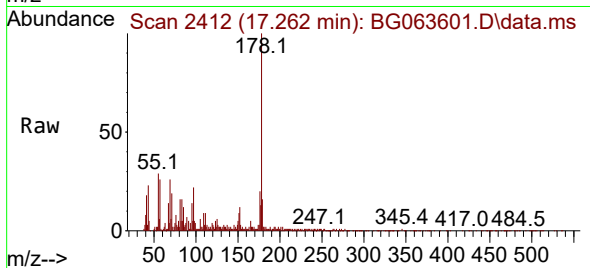
176 20.4 15.0 22.6

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#80

Fluoranthene

Concen: 2.507 ng/ul

RT: 19.283 min Scan# 2756

Delta R.T. 0.007 min

Lab File: BG063601.D

Acq: 9 Dec 2024 14:05

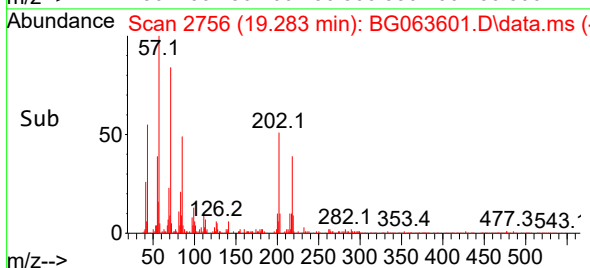
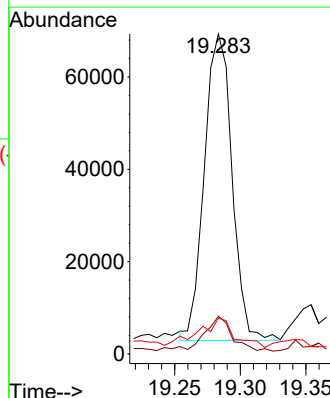
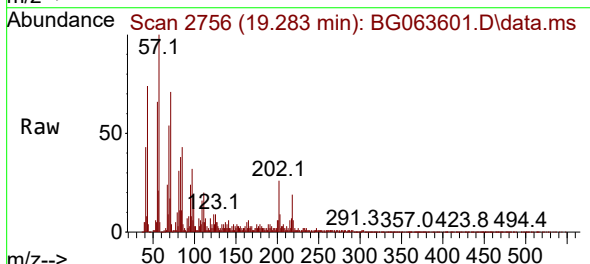
Tgt Ion:202 Resp: 97326

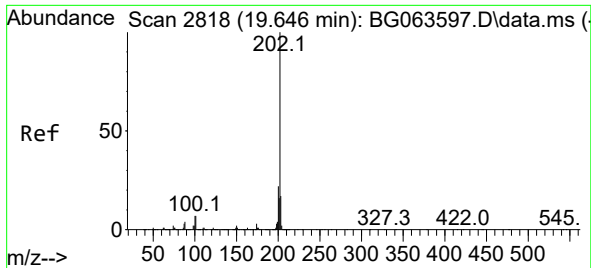
Ion Ratio Lower Upper

202 100

101 11.8 5.9 8.9#

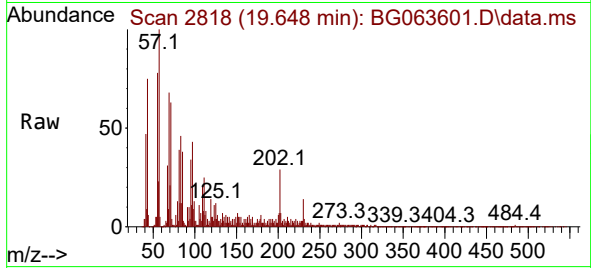
100 11.3 4.7 7.1#





#82
 Pyrene
 Concen: 2.692 ng/ul
 RT: 19.648 min Scan# 21107
 Delta R.T. 0.007 min
 Lab File: BG063601.D
 Acq: 9 Dec 2024 14:05

Instrument :
 BNA_G
 ClientSampleId :
 E28M0



Tgt Ion:202 Resp: 11107
 Ion Ratio Lower Upper
 202 100
 101 11.5 6.5 9.7
 100 9.1 5.9 8.9

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