

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082324\
 Data File : BG062567.D
 Acq On : 23 Aug 2024 14:27
 Operator : MA/JU
 Sample : P3695-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GCNA0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 24 00:42:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 20 23:01:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	70022	20.000	ng/u1	0.00
20) Naphthalene-d8	10.733	136	327052	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	223577	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	419191	20.000	ng/u1	0.01
79) Chrysene-d12	21.560	240	369086	20.000	ng/u1	0.01
88) Perylene-d12	24.650	264	436707	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	1991	1.080	ng/uL	0.00
4) Pyridine-d5	3.819	84	2621	0.466	ng/u1	0.00
7) Phenol-d5	7.109	99	53822	7.727	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	30911	7.045	ng/u1	0.00
11) 2-Chlorophenol-d4	7.473	132	39828	8.370	ng/u1	0.00
15) 4-Methylphenol-d8	8.642	113	44997	7.706	ng/u1	0.00
21) Nitrobenzene-d5	9.088	128	19698	9.392	ng/u1	0.00
24) 2-Nitrophenol-d4	9.811	143	21520	10.314	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	47306	8.902	ng/u1	0.00
31) 4-Chloroaniline-d4	10.862	131	26296	3.120	ng/u1	0.00
46) Dimethylphthalate-d6	13.970	166	147231	8.466	ng/u1	0.00
49) Acenaphthylene-d8	14.258	160	165122	8.575	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	23141	8.341	ng/u1	0.02
60) Fluorene-d10	15.556	176	133452	8.508	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	19997	10.499	ng/u1	0.00
73) Anthracene-d10	17.412	188	186555m	9.264	ng/u1	0.01
81) Pyrene-d10	19.698	212	171820	7.949	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.438	264	135607	5.851	ng/u1	0.03
Target Compounds						
16) Acetophenone	8.759	105	13820	1.445	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.192	232	82367	18.999	ng/u1#	89
71) Pentachlorophenol	16.995	266	2355919	736.575	ng/u1	96
82) Pyrene	19.727	202	87971	3.380	ng/u1	96

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

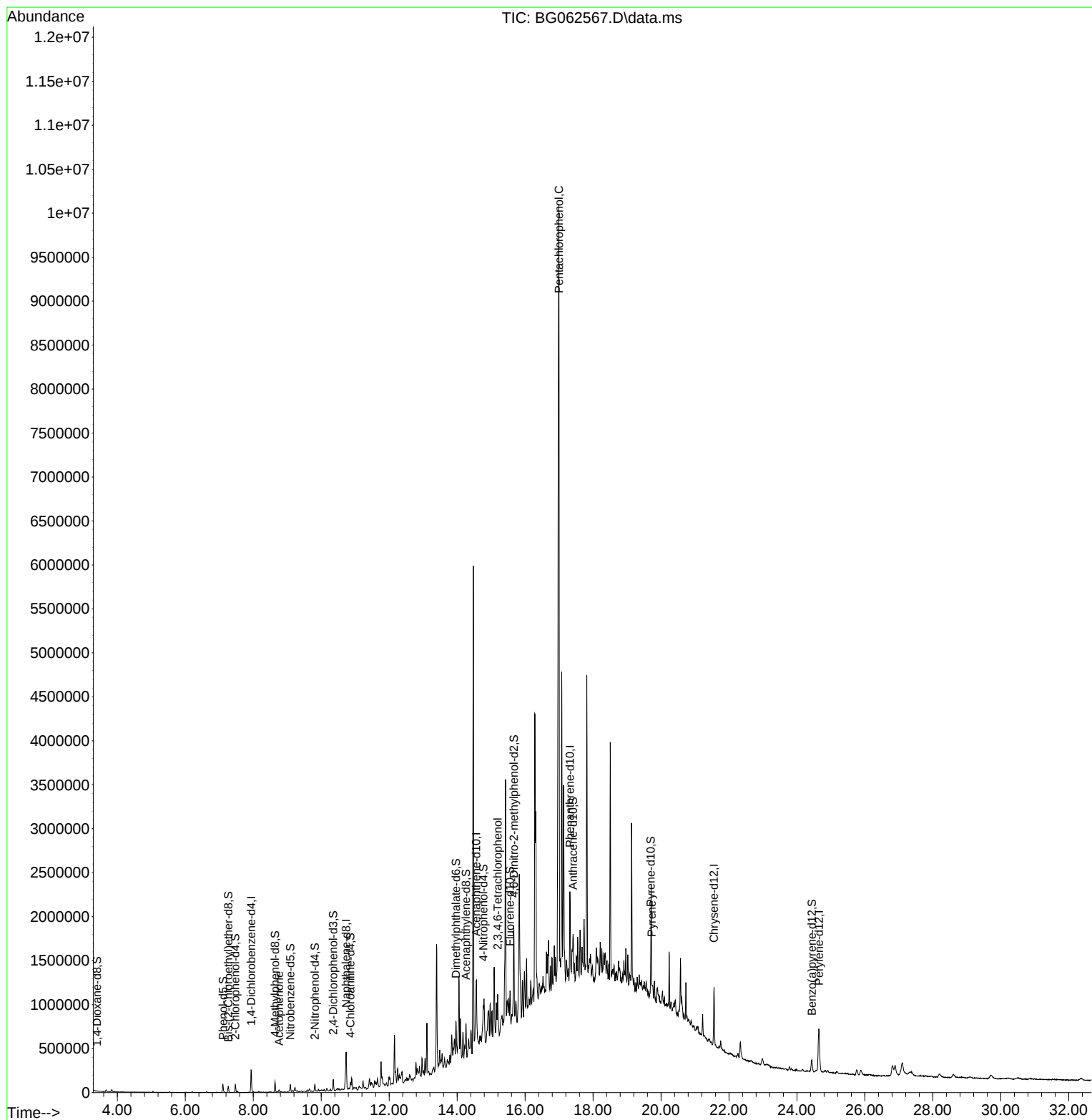
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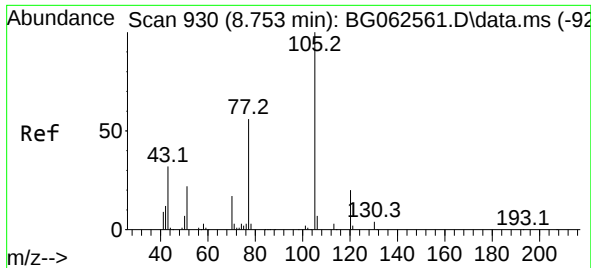
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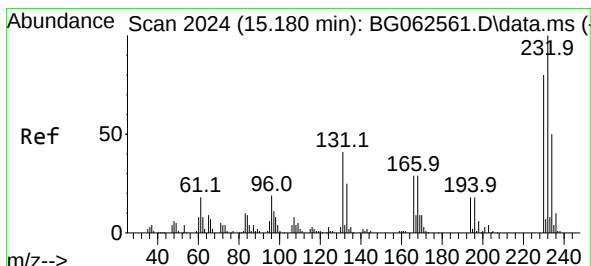
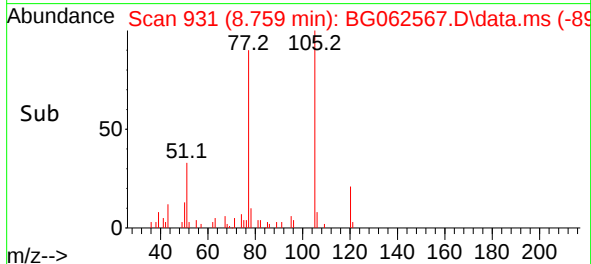
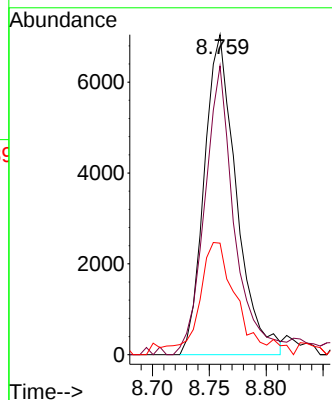
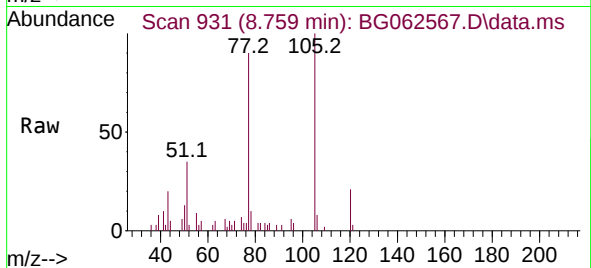
#16
Acetophenone
Concen: 1.445 ng/ul
RT: 8.759 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG062567.D
Acq: 23 Aug 2024 14:27

Instrument :
BNA_G
ClientSampleId :
GCNA0

Tgt Ion	Ratio	Lower	Upper
105	100		
77	90.2	64.6	97.0
51	34.8	27.8	41.8

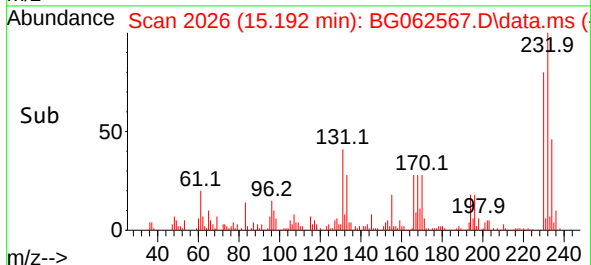
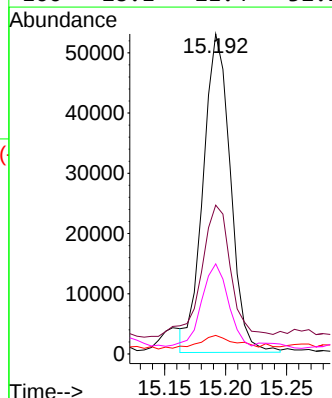
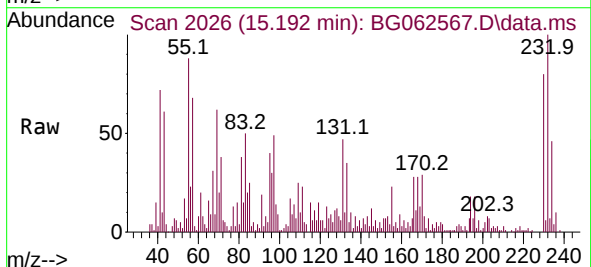
Manual Integrations
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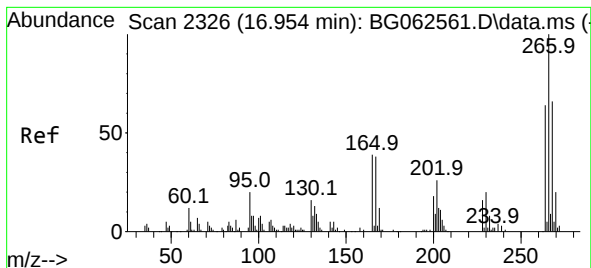
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.999 ng/ul
RT: 15.192 min Scan# 2026
Delta R.T. 0.008 min
Lab File: BG062567.D
Acq: 23 Aug 2024 14:27

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.5	28.7	43.1#
130	5.8	1.5	2.3#
166	28.1	21.4	32.2





#71

Pentachlorophenol

Concen: 736.575 ng/ul

RT: 16.995 min Scan# 21

Delta R.T. 0.043 min

Lab File: BG062567.D

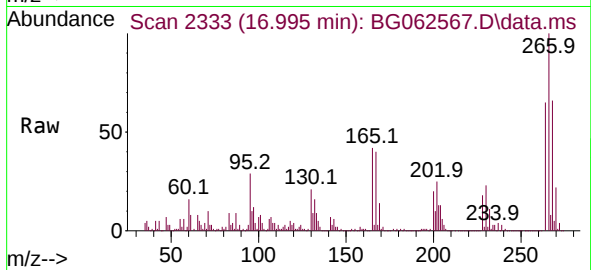
Acq: 23 Aug 2024 14:27

Instrument :

BNA_G

ClientSampleId :

GCNA0



Tgt Ion:266 Resp: 2355919

Ion Ratio Lower Upper

266 100

264 65.1 49.4 74.2

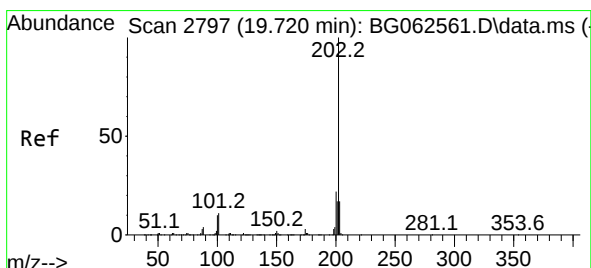
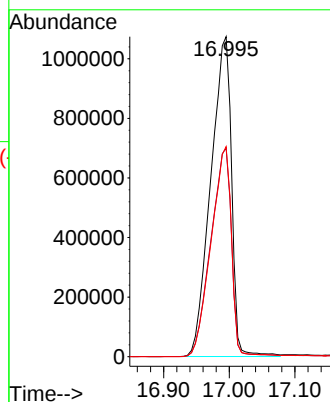
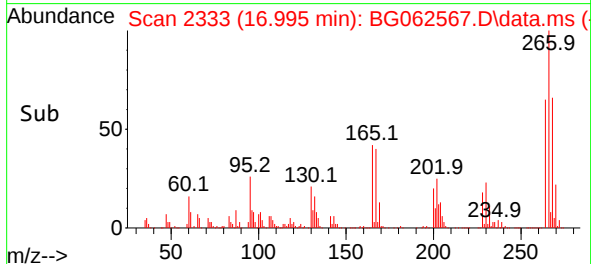
268 65.7 50.1 75.1

Manual Integrations

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#82

Pyrene

Concen: 3.380 ng/ul

RT: 19.727 min Scan# 2798

Delta R.T. 0.014 min

Lab File: BG062567.D

Acq: 23 Aug 2024 14:27

Tgt Ion:202 Resp: 87971

Ion Ratio Lower Upper

202 100

101 13.2 9.0 13.6

100 11.2 8.2 12.4

