

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
 Data File : BG062973.D
 Acq On : 20 Sep 2024 11:17
 Operator : JU/RC
 Sample : P3898-03ME
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDC14ME

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 23:09:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 00:45:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	42002	20.000	ng/u1	0.00
20) Naphthalene-d8	10.642	136	181753	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.485	164	139605	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.241	188	319861	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.483	240	332290	20.000	ng/u1 #	0.00
88) Perylene-d12	24.532	264	409284	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	3222m	2.247	ng/uL	0.00
4) Pyridine-d5	3.739	84	45579	11.708	ng/u1	0.00
7) Phenol-d5	7.023	99	76728	17.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.182	67	40766	16.714	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	48161	16.831	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	57010	17.856	ng/u1	0.00
21) Nitrobenzene-d5	9.009	128	24426	16.869	ng/u1	0.00
24) 2-Nitrophenol-d4	9.726	143	28997	17.652	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.266	165	58515	17.169	ng/u1	0.00
31) 4-Chloroaniline-d4	10.778	131	68760	16.211	ng/u1	0.00
46) Dimethylphthalate-d6	13.892	166	194851	18.769	ng/u1	0.00
49) Acenaphthylene-d8	14.179	160	205240	17.701	ng/u1	0.00
54) 4-Nitrophenol-d4	14.697	143	24958	15.002	ng/u1	0.00
60) Fluorene-d10	15.484	176	180656	18.689	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.601	200	33417	17.283	ng/u1	0.00
73) Anthracene-d10	17.335	188	275862	18.248	ng/u1	0.00
81) Pyrene-d10	19.632	212	363743	18.073	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.321	264	411735	19.075	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.695	128	14011	1.388	ng/u1#	96
36) 2-Methylnaphthalene	12.305	142	20701	2.847	ng/u1	84
37) 1-Methylnaphthalene	12.523	142	11596	1.576	ng/u1#	80
58) 2,3,4,6-Tetrachlorophenol	15.120	232	64188	22.022	ng/u1	97
71) Pentachlorophenol	16.900	266	864104	369.080	ng/u1	90

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

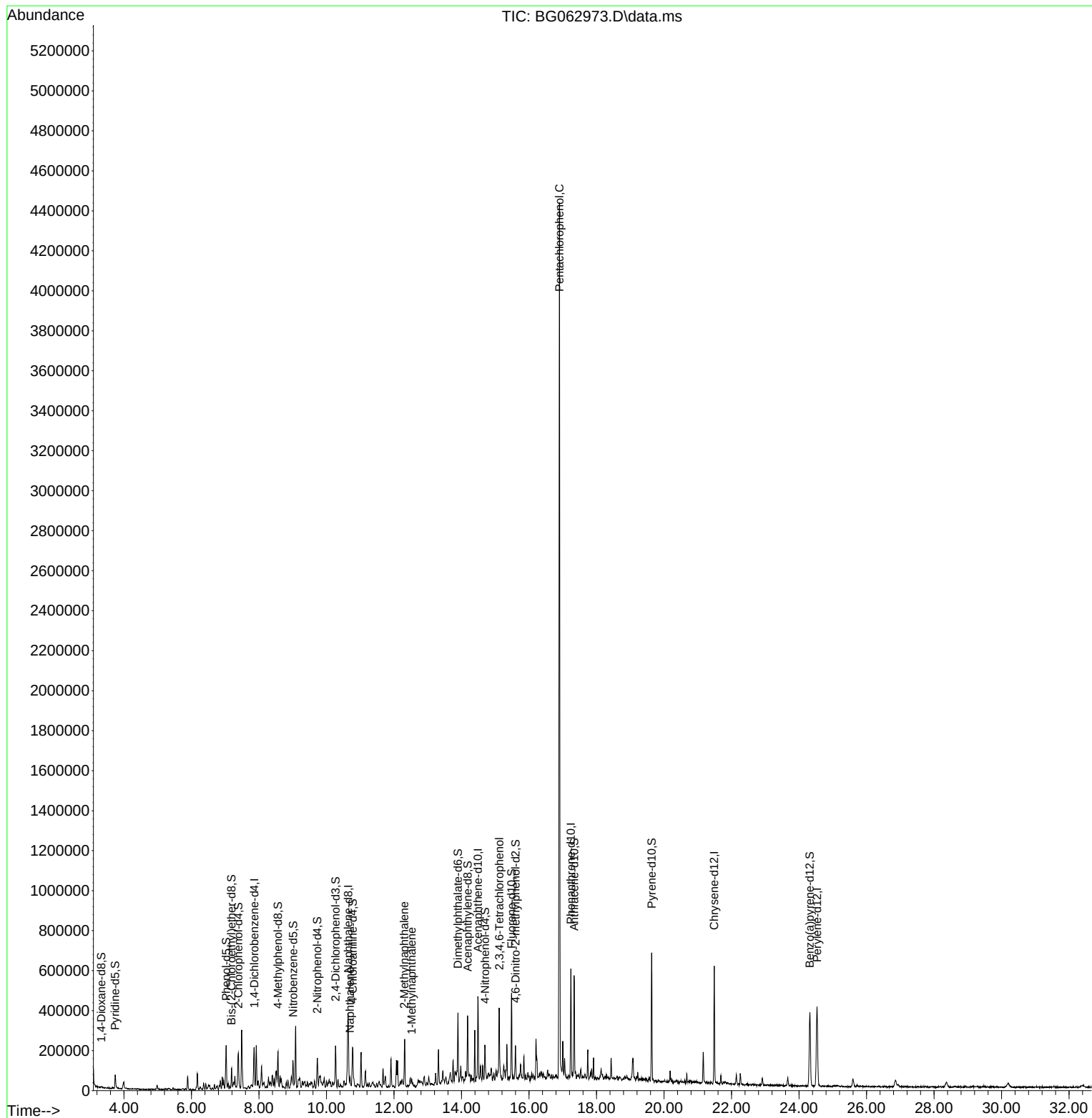
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
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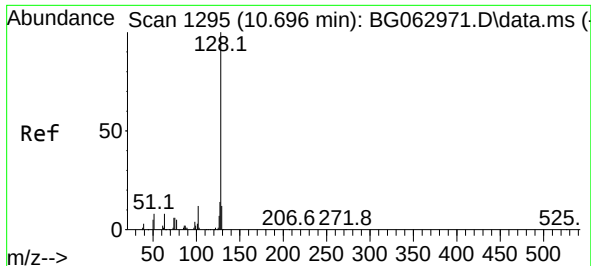
Instrument :
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Quant Time: Sep 20 23:09:26 2024
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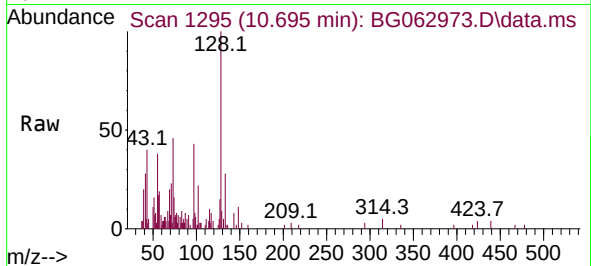
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024





#30
Naphthalene
Concen: 1.388 ng/ul
RT: 10.695 min Scan# 1295
Delta R.T. -0.002 min
Lab File: BG062973.D
Acq: 20 Sep 2024 11:17

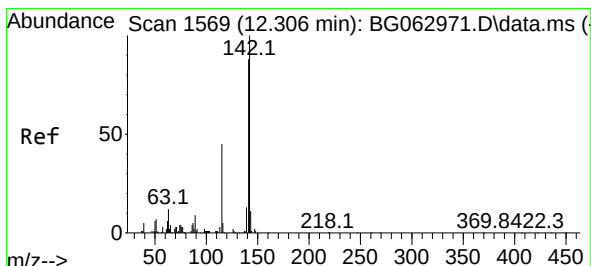
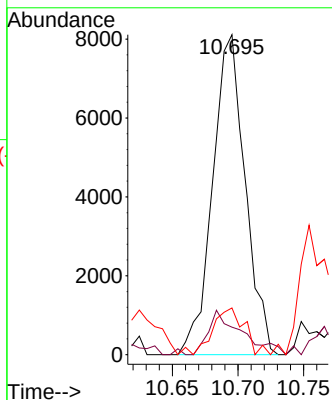
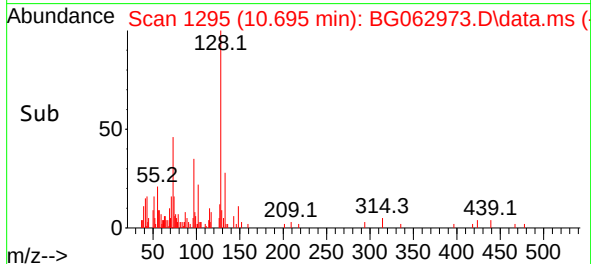
Instrument :
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ClientSampleId :
DDC14ME



Tgt Ion:128 Resp: 1401
Ion Ratio Lower Upper
128 100
129 8.6 7.1 10.7
127 14.6 9.4 14.2

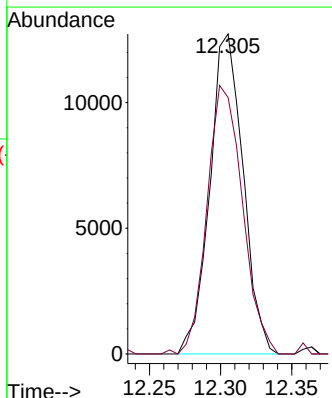
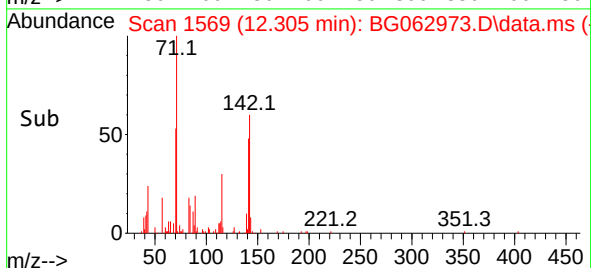
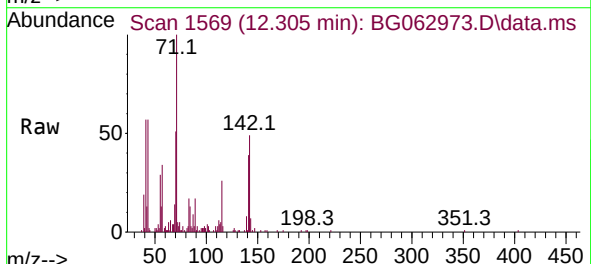
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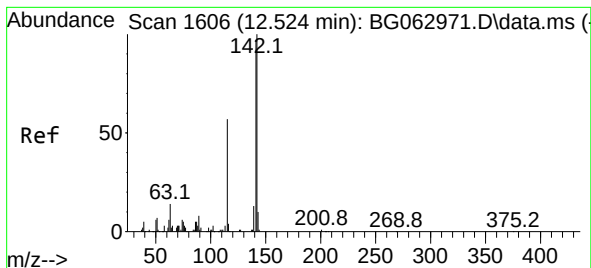
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#36
2-Methylnaphthalene
Concen: 2.847 ng/ul
RT: 12.305 min Scan# 1569
Delta R.T. -0.002 min
Lab File: BG062973.D
Acq: 20 Sep 2024 11:17

Tgt Ion:142 Resp: 20701
Ion Ratio Lower Upper
142 100
141 80.1 76.5 114.7





#37

1-Methylnaphthalene

Concen: 1.576 ng/ul

RT: 12.523 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062973.D

Acq: 20 Sep 2024 11:17

Instrument :

BNA_G

ClientSampleId :

DDC14ME

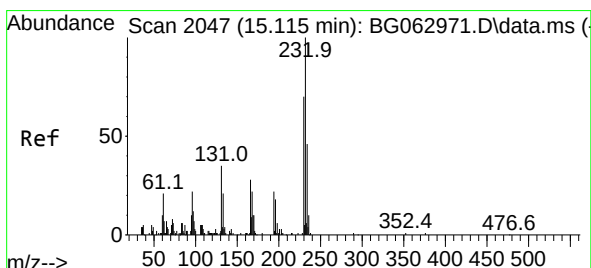
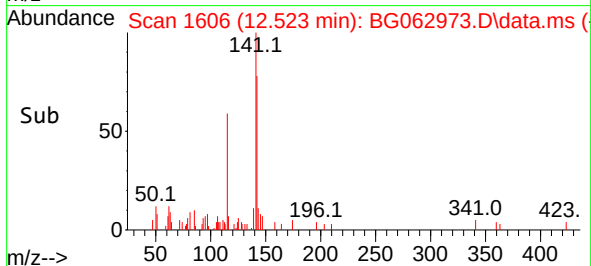
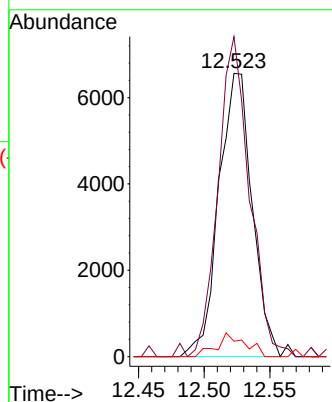
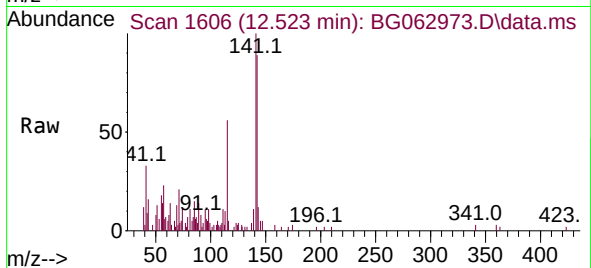
Tgt Ion:	142	Resp:	11590
Ion Ratio	Lower	Upper	
142	100		
141	112.9	74.1	111.1
116	5.5	3.6	5.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 22.022 ng/ul

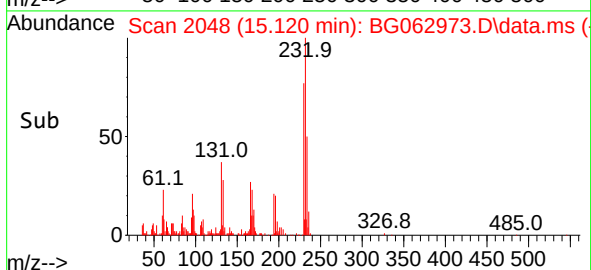
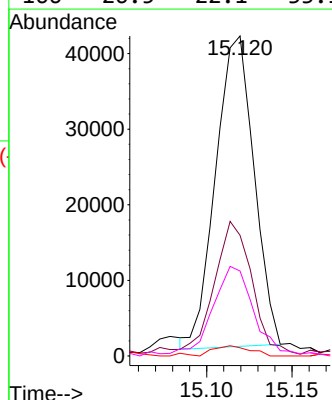
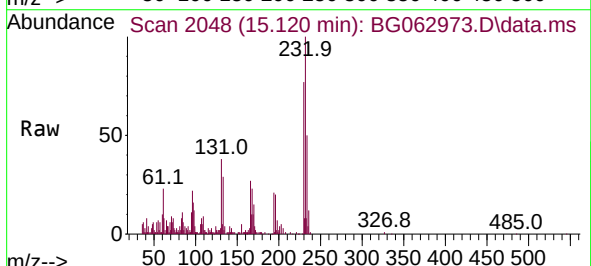
RT: 15.120 min Scan# 2048

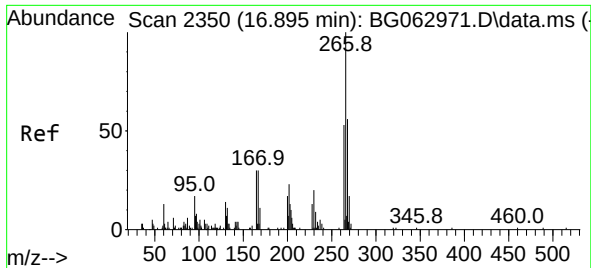
Delta R.T. 0.004 min

Lab File: BG062973.D

Acq: 20 Sep 2024 11:17

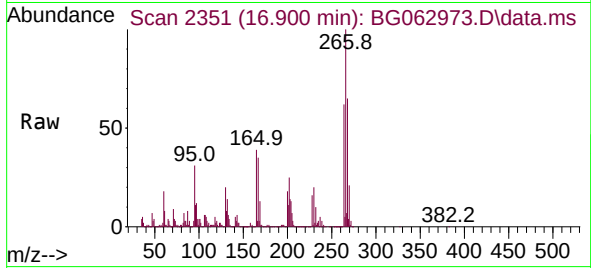
Tgt Ion:	232	Resp:	64188
Ion Ratio	Lower	Upper	
232	100		
131	37.7	31.9	47.9
130	2.5	1.9	2.9
166	26.5	22.1	33.1





#71
 Pentachlorophenol
 Concen: 369.080 ng/ul
 RT: 16.900 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: BG062973.D
 Acq: 20 Sep 2024 11:17

Instrument :
 BNA_G
 ClientSampleId :
 DDC14ME



Tgt Ion:266 Resp: 864104
 Ion Ratio Lower Upper
 266 100
 264 62.2 43.0 64.4
 268 64.8 47.2 70.8

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