

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
 Data File : BG062889.D
 Acq On : 16 Sep 2024 21:28
 Operator : JU/RC
 Sample : P3899-13DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCJ4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 17 02:47:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	31730	20.000	ng/u1	0.00
20) Naphthalene-d8	10.691	136	123840	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.528	164	106373	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	314443m	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	380473	20.000	ng/u1	# 0.00
88) Perylene-d12	24.581	264	449112	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.066	99	4493	1.615	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	2537	1.521	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	3648	1.800	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	3565	1.538	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	1633m	1.845	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	1923	1.987	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	4098	1.944	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	4032	1.391	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	17362	2.120	ng/u1	-0.01
49) Acenaphthylene-d8	14.216	160	18309	2.013	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.739	143	1995	1.434	ng/u1	0.00
60) Fluorene-d10	15.521	176	15533	2.104	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	2857	1.580	ng/u1	0.00
73) Anthracene-d10	17.371	188	31719	2.137	ng/u1	0.00
81) Pyrene-d10	19.663	212	42279	1.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.369	264	47896	2.020	ng/u1	-0.01
Target Compounds						
36) 2-Methylnaphthalene	12.354	142	6586	1.344	ng/u1	89
58) 2,3,4,6-Tetrachlorophenol	15.156	232	29274	12.146	ng/u1	96
71) Pentachlorophenol	16.931	266	356606	144.313	ng/u1	99

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

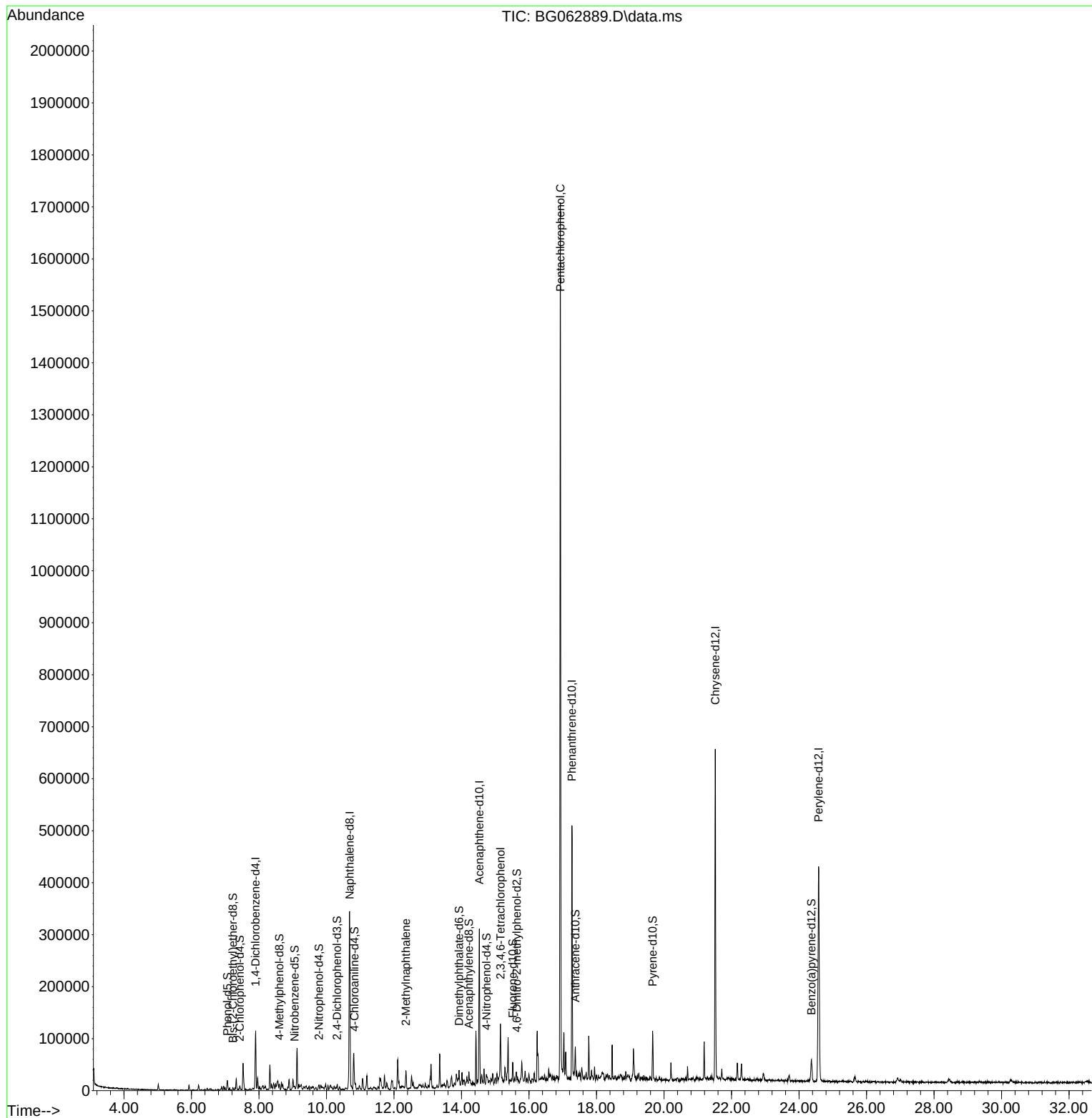
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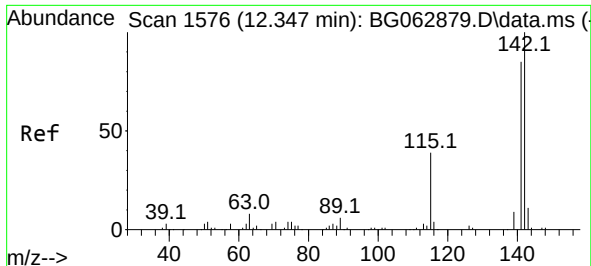
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#36
2-Methylnaphthalene
Concen: 1.344 ng/ul
RT: 12.354 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG062889.D
Acq: 16 Sep 2024 21:28

Instrument :

BNA_G

ClientSampleId :

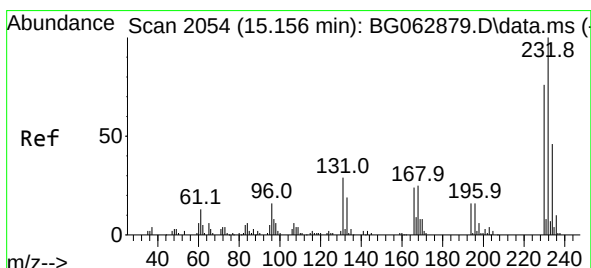
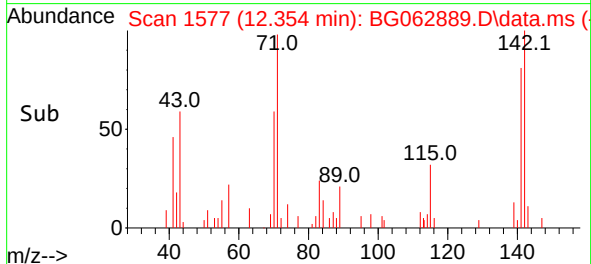
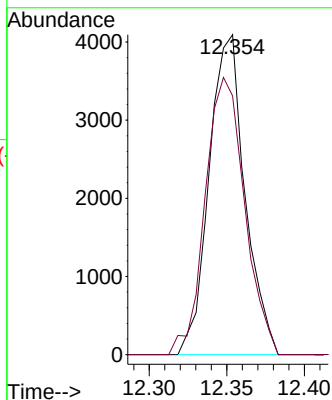
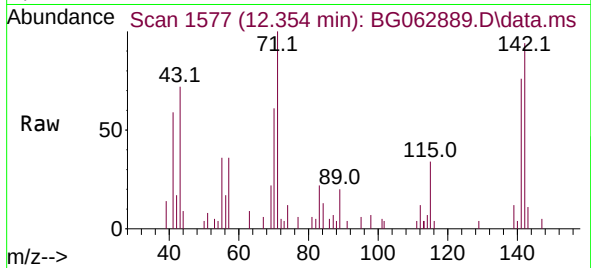
DDCJ4DL

Tgt Ion:142 Resp: 6580
Ion Ratio Lower Upper
142 100
141 80.9 73.4 110.2

Manual Integrations

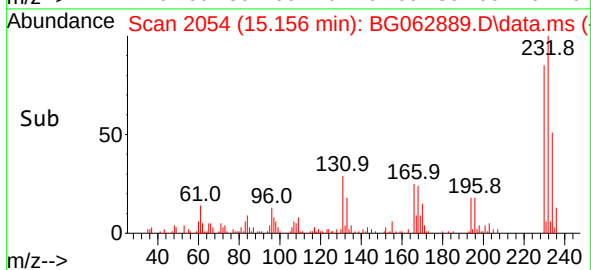
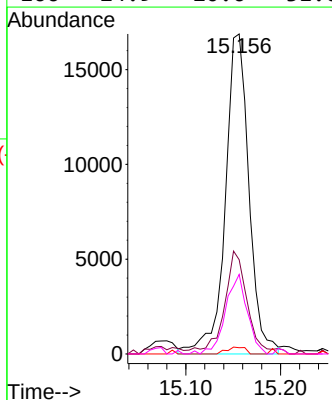
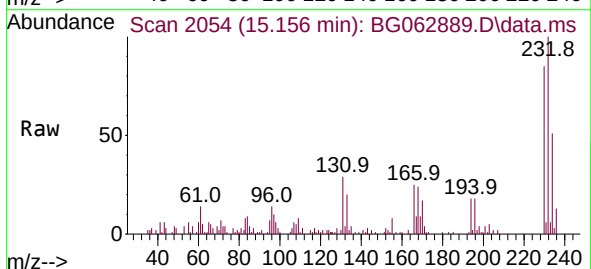
APPROVED

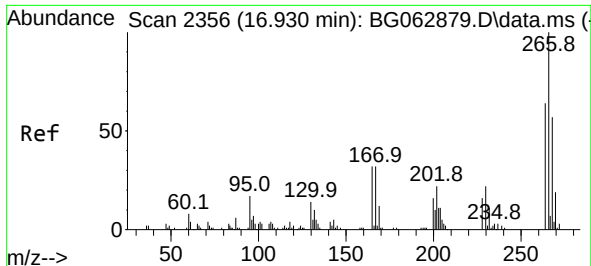
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#58
2,3,4,6-Tetrachlorophenol
Concen: 12.146 ng/ul
RT: 15.156 min Scan# 2054
Delta R.T. 0.001 min
Lab File: BG062889.D
Acq: 16 Sep 2024 21:28

Tgt Ion:232 Resp: 29274
Ion Ratio Lower Upper
232 100
131 29.5 26.6 40.0
130 2.0 1.6 2.4
166 24.9 20.6 31.0





#71

Pentachlorophenol

Concen: 144.313 ng/ul

RT: 16.931 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG062889.D

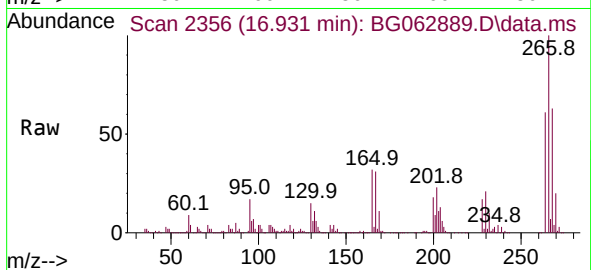
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Tgt Ion:266 Resp: 356600

Ion Ratio Lower Upper

266 100

264 61.3 48.6 72.8

268 63.3 49.5 74.3

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