

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
 Data File : BG062129.D
 Acq On : 18 Jul 2024 2:01
 Operator : MA/JU
 Sample : P3217-01DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YDZC3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 18 04:38:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	17681	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.855	136	90188	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.674	164	66403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.423	188	158741	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.683	240	137894	20.000	ng/ul	# 0.00
88) Perylene-d12	24.897	264	166474	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	488	1.037	ng/uL	0.00
4) Pyridine-d5	3.874	84	2975m	2.056	ng/ul	0.02
7) Phenol-d5	7.223	99	2613	1.350	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.359	67	6201	5.061	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.582	132	7582	5.712	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	5955	3.909	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	4837	7.052	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.932	143	5073	6.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.490	165	10049	6.651	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	8785m	4.005	ng/ul	0.00
46) Dimethylphthalate-d6	14.074	166	34885	6.390	ng/ul	0.00
49) Acenaphthylene-d8	14.368	160	39070	6.844	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.914	143	1552	1.780	ng/ul	0.01
60) Fluorene-d10	15.667	176	30314	6.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.790	200	3449	4.137	ng/ul	0.00
73) Anthracene-d10	17.517	188	47864	6.458	ng/ul	0.00
81) Pyrene-d10	19.803	212	55019	6.783	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.674	264	57795	7.000	ng/ul	-0.02
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.032	107	8785	4.595	ng/ul#	69
30) Naphthalene	10.902	128	7900	1.595	ng/ul#	92
36) 2-Methylnaphthalene	12.506	142	39701	11.062	ng/ul	90
37) 1-Methylnaphthalene	12.729	142	191377	51.311	ng/ul#	96

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

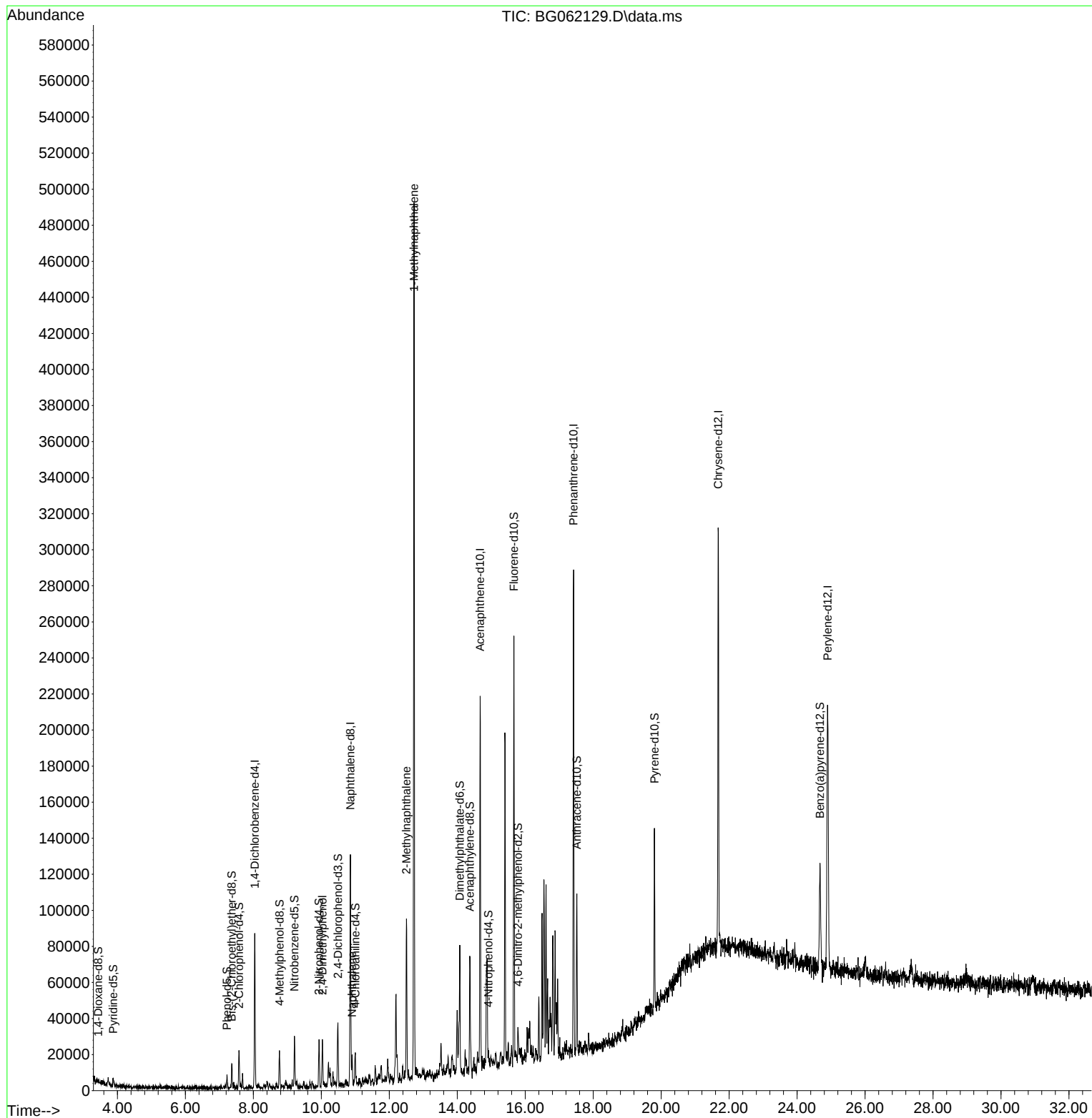
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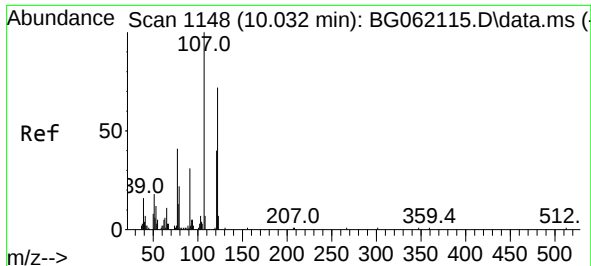
Instrument :
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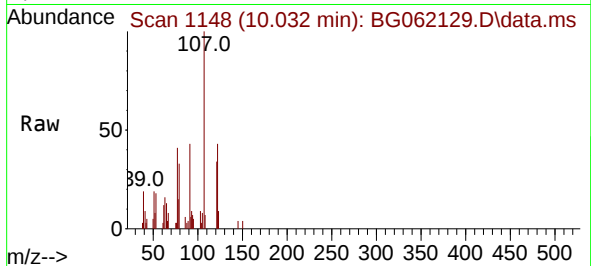
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024





#26
2,4-Dimethylphenol
Concen: 4.595 ng/ul
RT: 10.032 min Scan# 1148
Delta R.T. -0.001 min
Lab File: BG062129.D
Acq: 18 Jul 2024 2:01

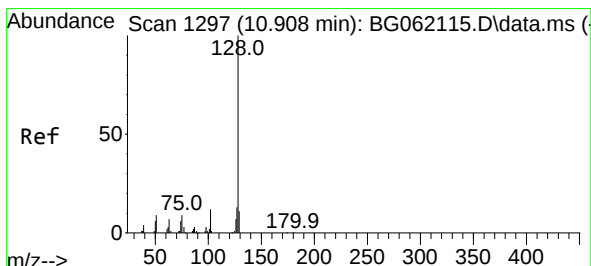
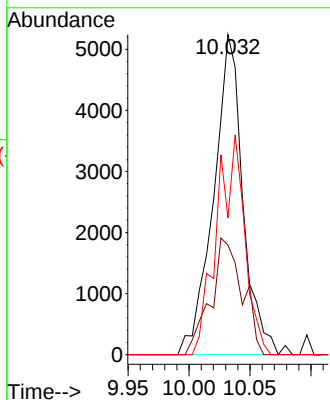
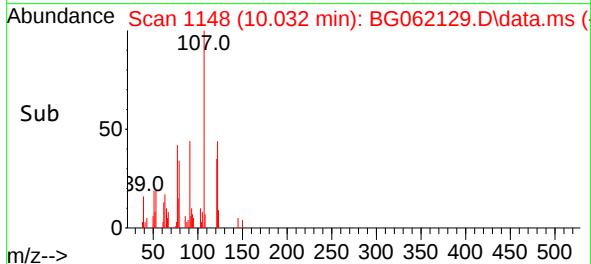
Instrument :
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ClientSampleId :
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Tgt Ion:107 Resp: 878
Ion Ratio Lower Upper
107 100
121 34.3 35.6 53.4
122 42.7 62.2 93.2

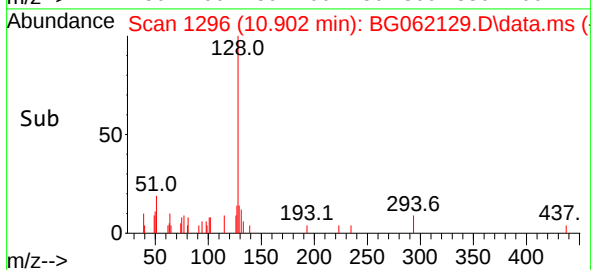
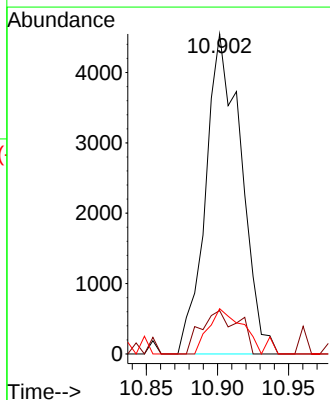
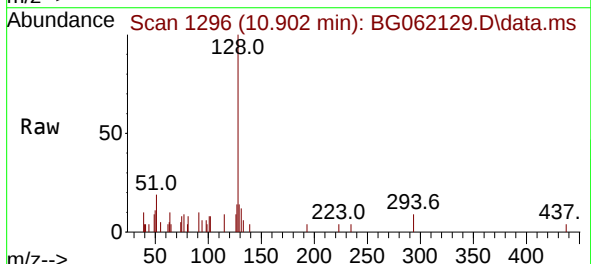
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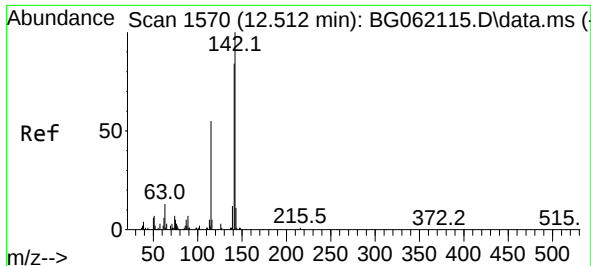
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Supervised By :mohammad ahmed 07/18/2024



#30
Naphthalene
Concen: 1.595 ng/ul
RT: 10.902 min Scan# 1296
Delta R.T. -0.013 min
Lab File: BG062129.D
Acq: 18 Jul 2024 2:01

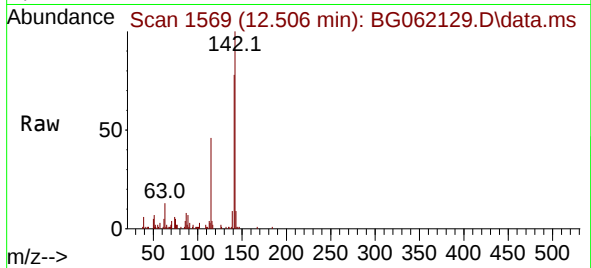
Tgt Ion:128 Resp: 7900
Ion Ratio Lower Upper
128 100
129 13.5 7.7 11.5
127 14.1 9.6 14.4





#36
2-Methylnaphthalene
Concen: 11.062 ng/ul
RT: 12.506 min Scan# 1569
Delta R.T. -0.007 min
Lab File: BG062129.D
Acq: 18 Jul 2024 2:01

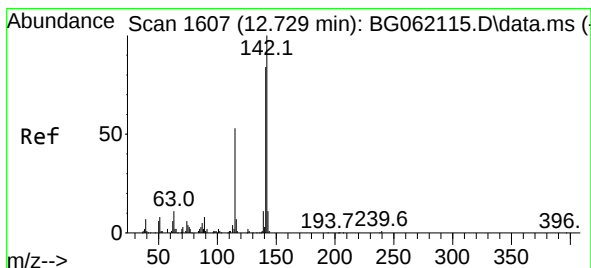
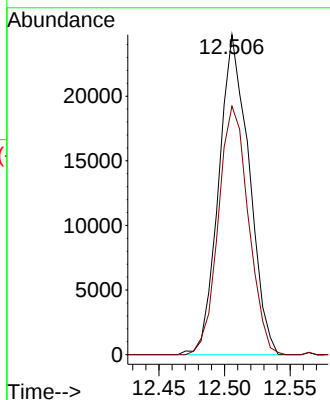
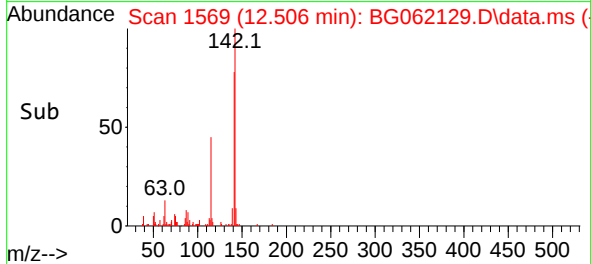
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Tgt Ion:142 Resp: 3970
Ion Ratio Lower Upper
142 100
141 77.6 69.4 104.2

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#37
1-Methylnaphthalene
Concen: 51.311 ng/ul
RT: 12.729 min Scan# 1607
Delta R.T. -0.007 min
Lab File: BG062129.D
Acq: 18 Jul 2024 2:01

Tgt Ion:142 Resp: 191377
Ion Ratio Lower Upper
142 100
141 85.4 71.4 107.2
116 7.2 3.8 5.8#

