

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
 Data File : BG063072.D
 Acq On : 27 Sep 2024 13:52
 Operator : RC/JU
 Sample : P3927-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DDCC9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 27 23:25:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 25 13:16:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	74375	20.000	ng/u1	0.00
20) Naphthalene-d8	10.635	136	271847	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.484	164	261345	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	676610	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.487	240	745714	20.000	ng/u1	# 0.00
88) Perylene-d12	24.525	264	869460	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5710	4.426	ng/uL	0.00
4) Pyridine-d5	3.720	84	52646	16.688	ng/u1	0.00
7) Phenol-d5	7.022	99	117772	25.637	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.174	67	47328	26.372	ng/u1	0.00
11) 2-Chlorophenol-d4	7.380	132	111691	24.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.561	113	108793	26.234	ng/u1	0.00
21) Nitrobenzene-d5	9.002	128	51653	25.840	ng/u1	0.00
24) 2-Nitrophenol-d4	9.719	143	72212	28.286	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.271	165	144377	27.096	ng/u1	0.00
31) 4-Chloroaniline-d4	10.788	131	138719	22.187	ng/u1	0.01
46) Dimethylphthalate-d6	13.890	166	490947	23.627	ng/u1	0.00
49) Acenaphthylene-d8	14.178	160	559341	25.401	ng/u1	0.00
54) 4-Nitrophenol-d4	14.689	143	75970	24.241	ng/u1	0.00
60) Fluorene-d10	15.477	176	468685	24.617	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	173505m	36.694	ng/u1	0.00
73) Anthracene-d10	17.333	188	846745	26.084	ng/u1	0.00
81) Pyrene-d10	19.630	212	1116305	26.585	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.313	264	1193840	25.637	ng/u1	0.00
Target Compounds						
36) 2-Methylnaphthalene	12.304	142	38513	3.436	ng/u1	88
37) 1-Methylnaphthalene	12.515	142	22014	1.943	ng/u1#	88
42) 2,4,5-Trichlorophenol	12.991	196	10030	1.563	ng/u1#	72
58) 2,3,4,6-Tetrachlorophenol	15.112	232	126129	18.391	ng/u1#	97
71) Pentachlorophenol	16.898	266	1957381	340.001	ng/u1	91
72) Phenanthrene	17.274	178	41665	1.195	ng/u1#	90

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

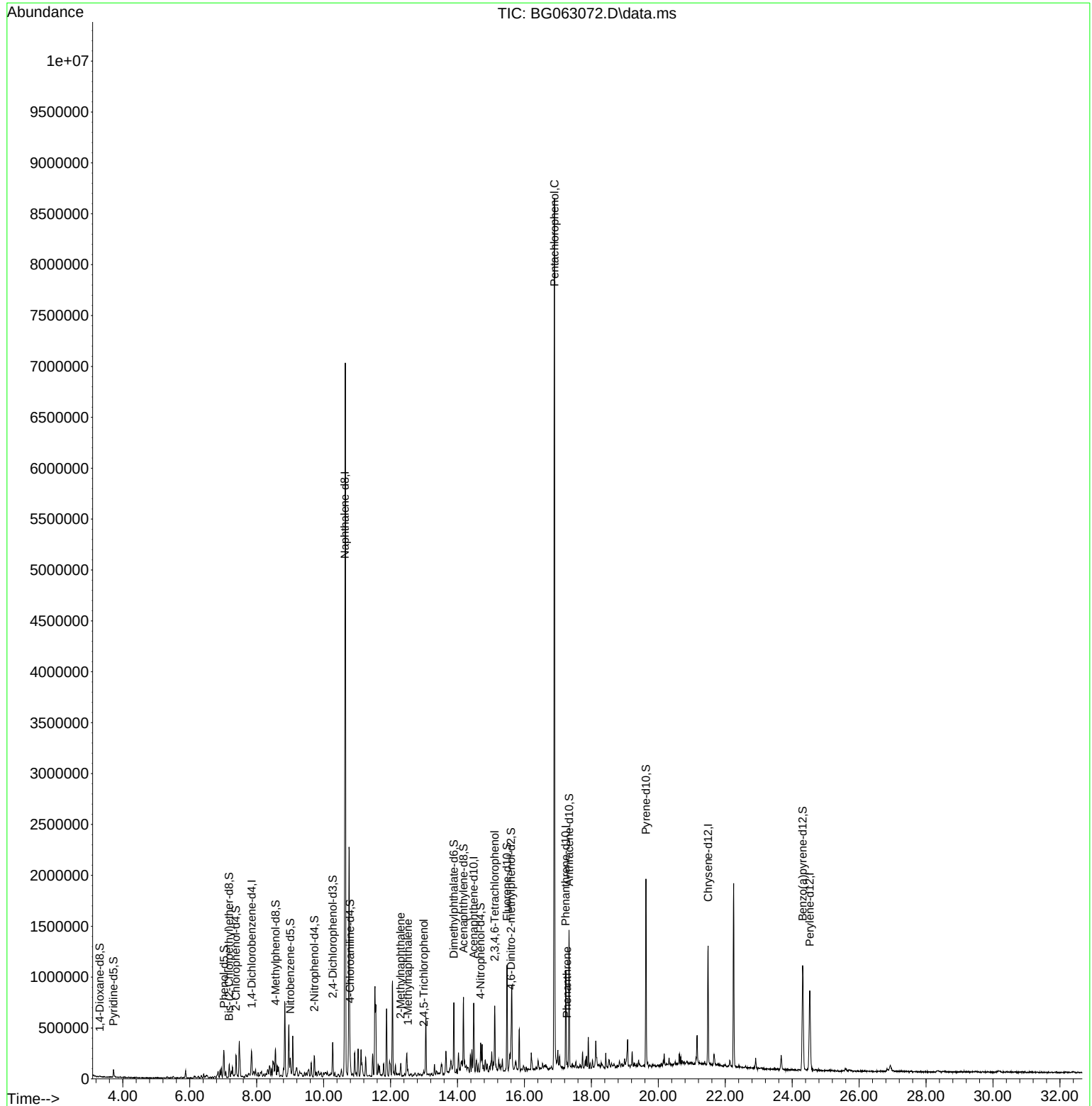
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063072.D
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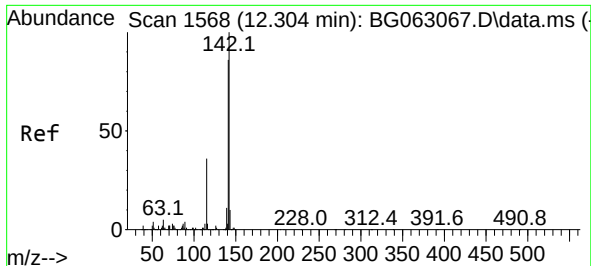
Instrument :
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ClientSampleId :
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Quant Time: Sep 27 23:25:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
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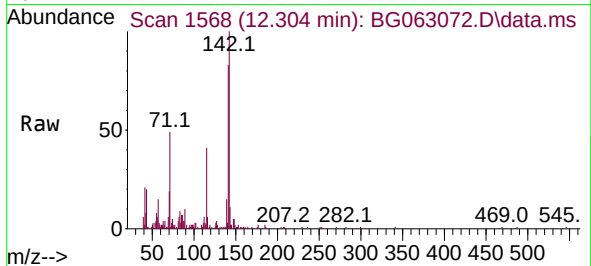
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024





#36
2-Methylnaphthalene
Concen: 3.436 ng/ul
RT: 12.304 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

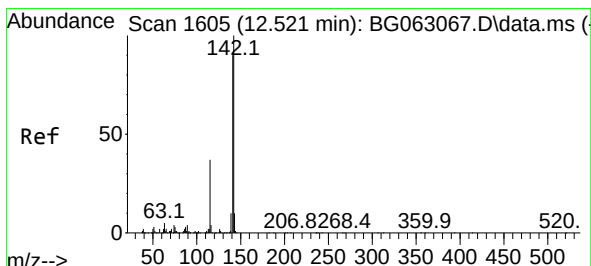
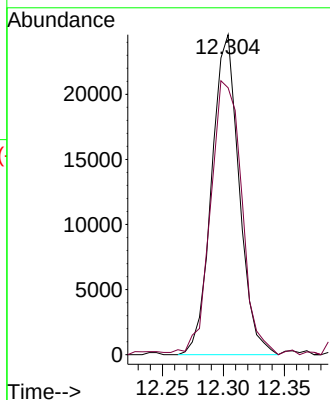
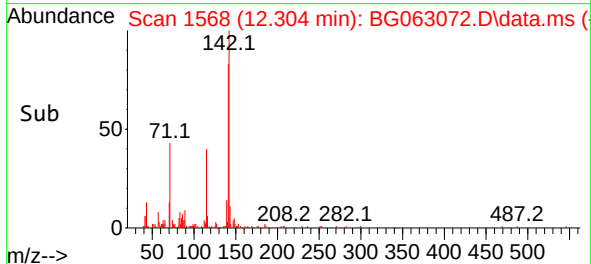
Instrument :
BNA_G
ClientSampleId :
DDCC9



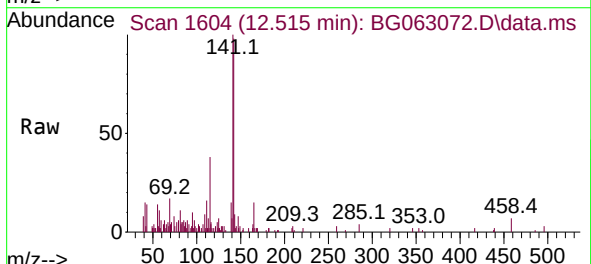
Tgt Ion:142 Resp: 3851
Ion Ratio Lower Upper
142 100
141 83.4 75.8 113.8

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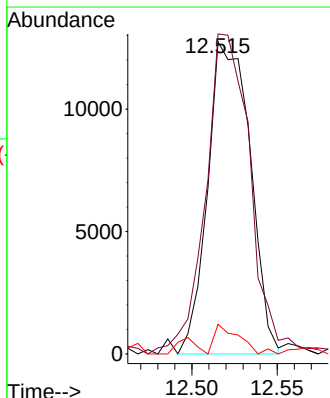
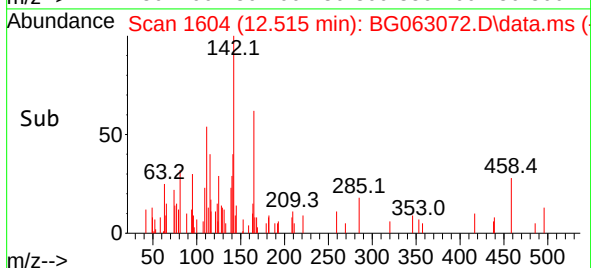
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Supervised By :mohammad ahmed 10/01/2024

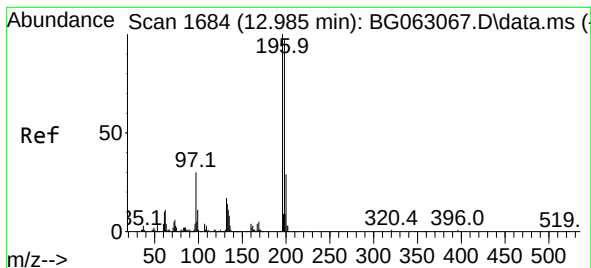


#37
1-Methylnaphthalene
Concen: 1.943 ng/ul
RT: 12.515 min Scan# 1604
Delta R.T. -0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52



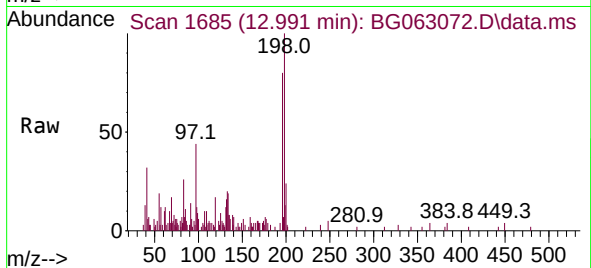
Tgt Ion:142 Resp: 22014
Ion Ratio Lower Upper
142 100
141 102.5 73.4 110.0
116 9.5 3.0 4.6#





#42
2,4,5-Trichlorophenol
Concen: 1.563 ng/ul
RT: 12.991 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

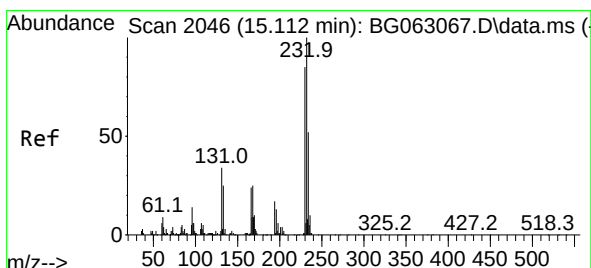
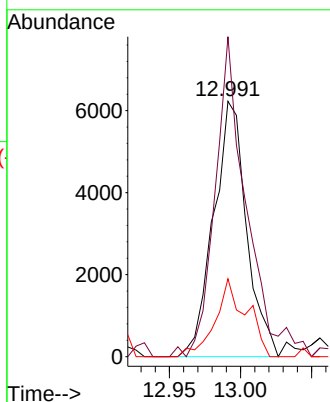
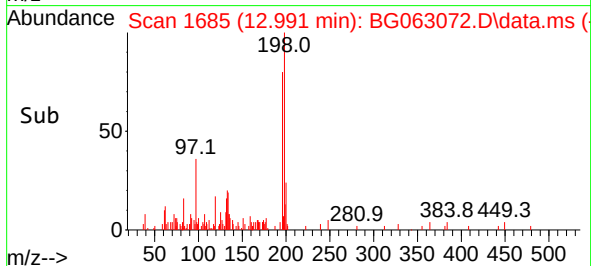
Instrument :
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Tgt Ion:196 Resp: 10030
Ion Ratio Lower Upper
196 100
198 125.3 74.0 111.0
200 30.5 22.1 33.1

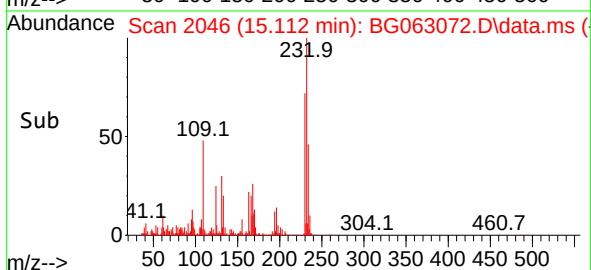
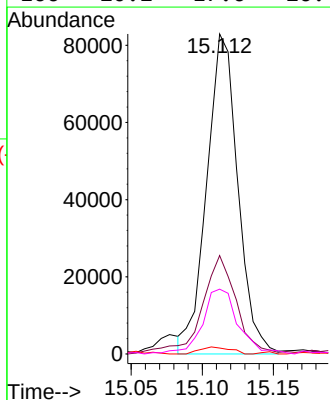
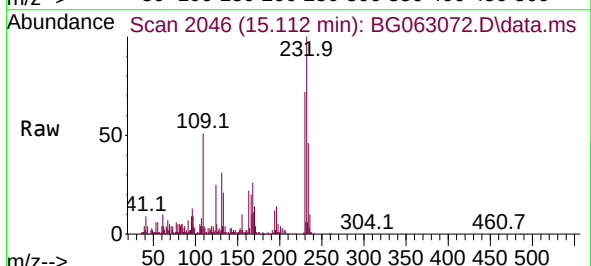
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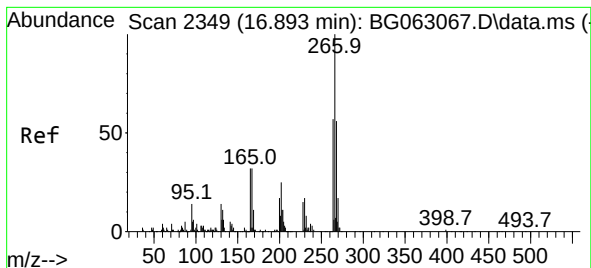
Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 18.391 ng/ul
RT: 15.112 min Scan# 2046
Delta R.T. -0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

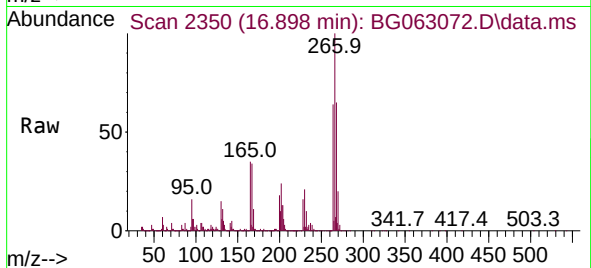
Tgt Ion:232 Resp: 126129
Ion Ratio Lower Upper
232 100
131 30.7 25.8 38.6
130 1.9 1.9 2.9
166 20.2 17.6 26.4





#71
Pentachlorophenol
Concen: 340.001 ng/u1
RT: 16.898 min Scan# 21
Delta R.T. 0.009 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

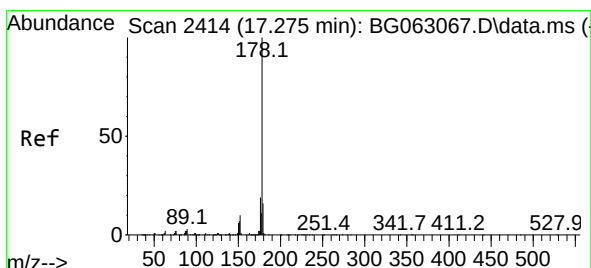
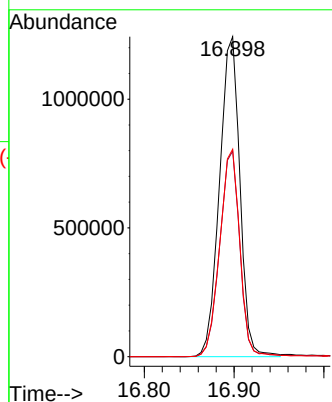
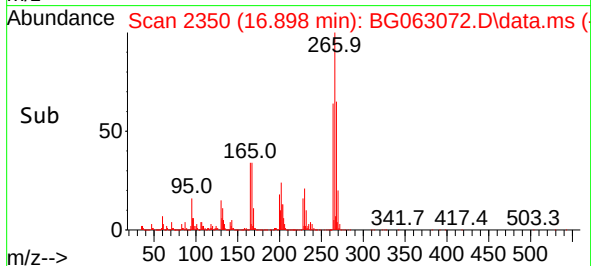
Instrument :
BNA_G
ClientSampleId :
DDCC9



Tgt Ion:266 Resp: 195738
Ion Ratio Lower Upper
266 100
264 64.2 57.7 86.5
268 64.9 57.3 85.9

Manual Integrations
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#72
Phenanthrene
Concen: 1.195 ng/u1
RT: 17.274 min Scan# 2414
Delta R.T. -0.003 min
Lab File: BG063072.D
Acq: 27 Sep 2024 13:52

Tgt Ion:178 Resp: 41665
Ion Ratio Lower Upper
178 100
179 12.4 12.2 18.4
176 13.3 14.9 22.3#

