

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
 Data File : BG063821.D
 Acq On : 24 Dec 2024 16:06
 Operator : RC/JU
 Sample : P5333-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2916

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 25 01:24:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	105130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	448304	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	354343	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.189	188	849490	20.000	ng/ul	0.00
79) Chrysene-d12	21.442	240	837359	20.000	ng/ul	0.00
88) Perylene-d12	24.451	264	876921	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	9433m	3.516	ng/uL	0.00
4) Pyridine-d5	3.669	84	145701	17.216	ng/ul	0.00
7) Phenol-d5	6.989	99	196502	20.295	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	131069	19.600	ng/ul	0.00
11) 2-Chlorophenol-d4	7.335	132	129125	20.599	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	138313	18.399	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	68750	21.478	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	80500	22.436	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	151820	21.854	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	162721	18.448	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	539883	22.391	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	596913	21.717	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	57797	16.918	ng/ul	0.00
60) Fluorene-d10	15.438	176	453087	21.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.567	200	48747	11.052	ng/ul	0.00
73) Anthracene-d10	17.288	188	748326	20.489	ng/ul	0.00
81) Pyrene-d10	19.592	212	854094	19.601	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.245	264	644908	15.660	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.018	94	11865	1.150	ng/ul#	93
72) Phenanthrene	17.230	178	41656	1.018	ng/ul	96
80) Fluoranthene	19.257	202	113209	2.286	ng/ul#	96
82) Pyrene	19.615	202	113302	2.150	ng/ul#	94
85) Benzo(a)anthracene	21.425	228	83743	1.596	ng/ul	98
87) Chrysene	21.484	228	87409m	1.748	ng/ul	
90) Benzo(b)fluoranthene	23.499	252	142317	2.855	ng/ul	99
93) Benzo(a)pyrene	24.304	252	104089m	2.225	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.858	276	72805m	1.274	ng/ul	
96) Benzo(g,h,i)perylene	28.910	276	79797m	1.760	ng/ul	

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

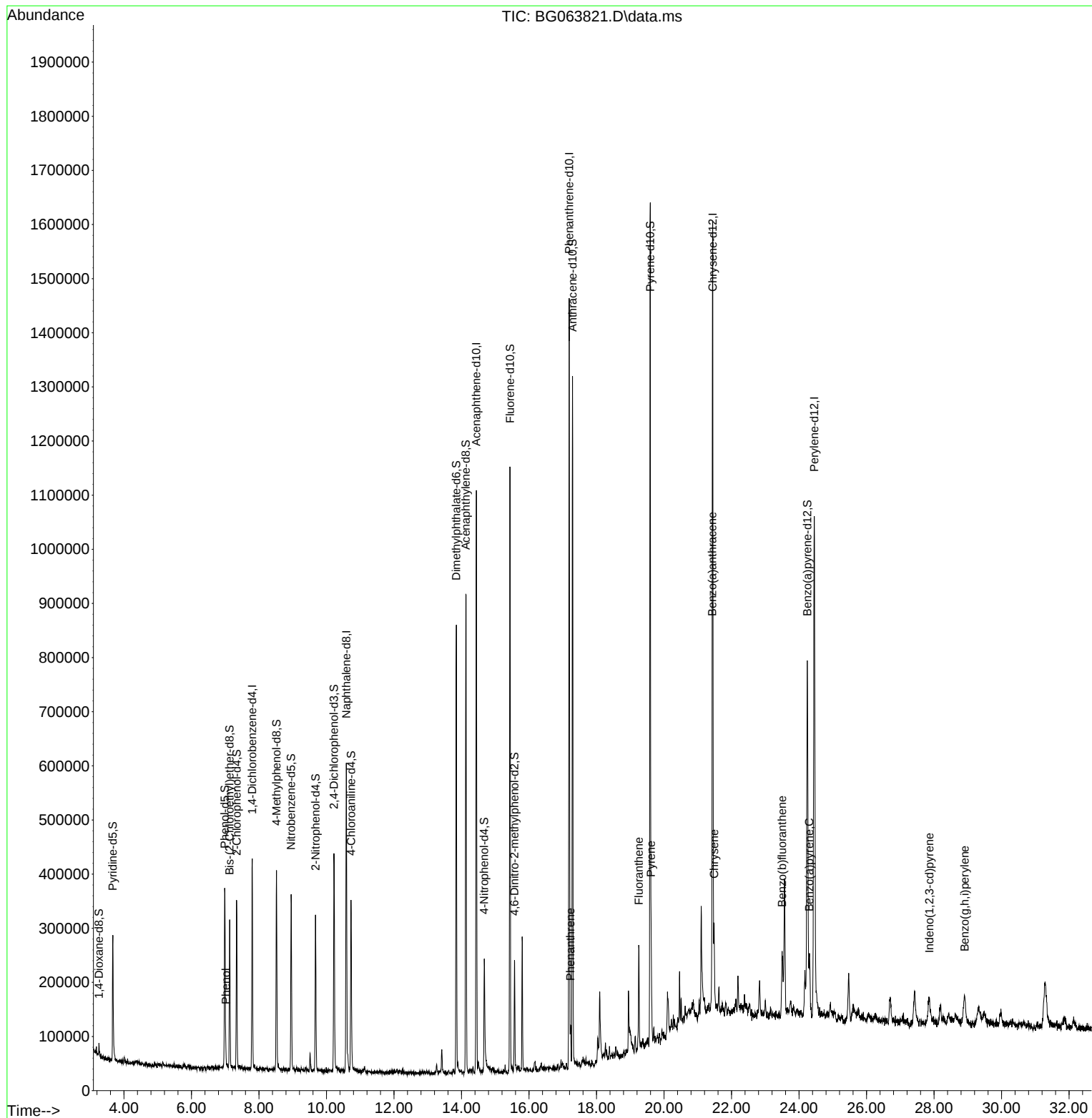
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
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ALS Vial : 47 Sample Multiplier: 1

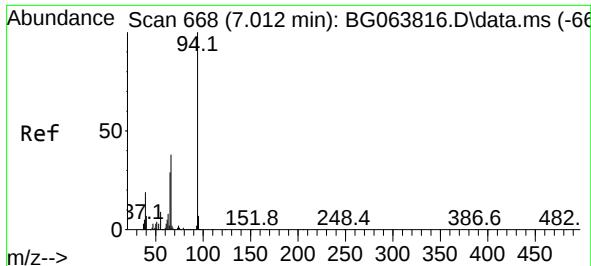
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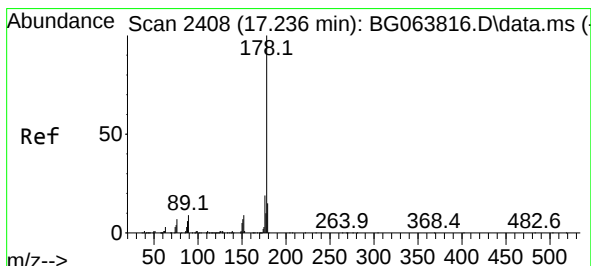
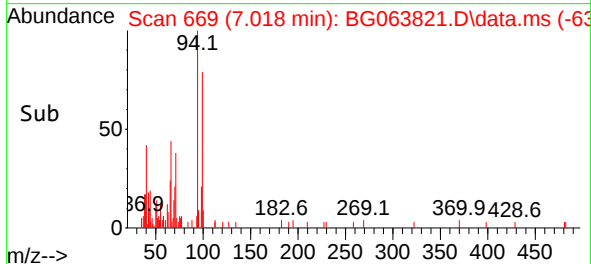
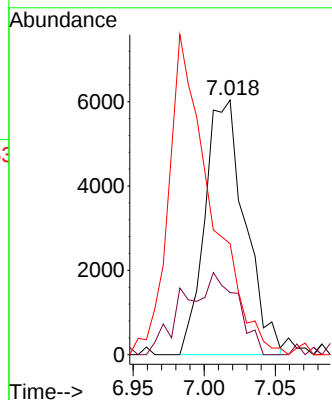
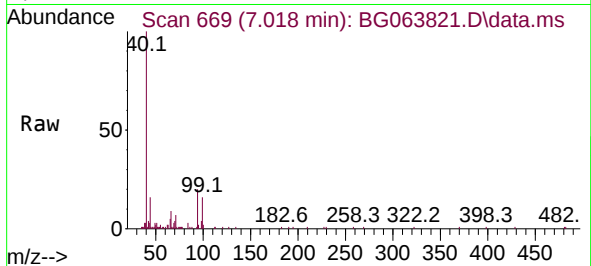
#8
Phenol
Concen: 1.150 ng/ul
RT: 7.018 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG063821.D
Acq: 24 Dec 2024 16:06

Instrument :
BNA_G
ClientSampleId :
E2916

Tgt Ion: 94 Resp: 1186
Ion Ratio Lower Upper
94 100
65 24.4 25.6 38.4
66 43.6 34.2 51.2

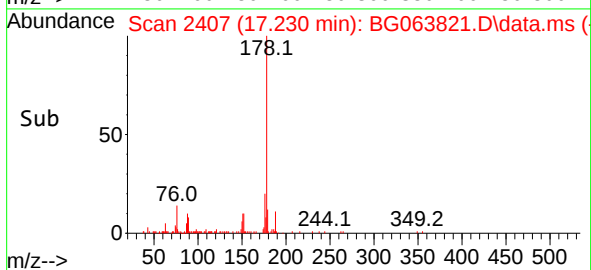
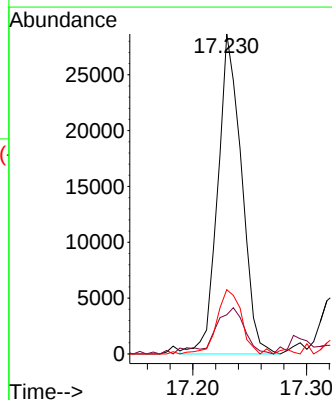
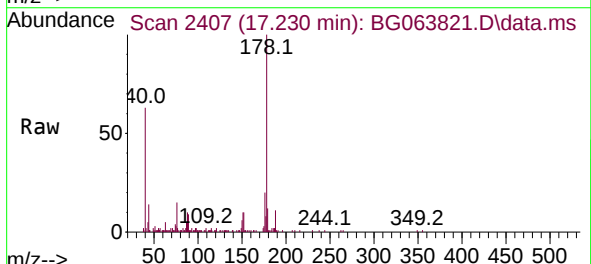
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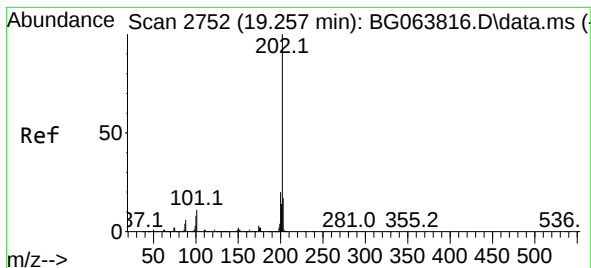
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#72
Phenanthrene
Concen: 1.018 ng/ul
RT: 17.230 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG063821.D
Acq: 24 Dec 2024 16:06

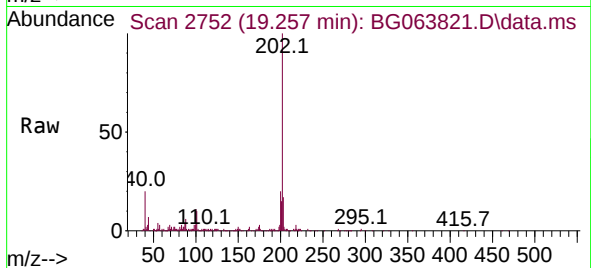
Tgt Ion:178 Resp: 41656
Ion Ratio Lower Upper
178 100
179 12.2 12.2 18.2
176 20.1 15.8 23.6





#80
Fluoranthene
Concen: 2.286 ng/u1
RT: 19.257 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG063821.D
Acq: 24 Dec 2024 16:06

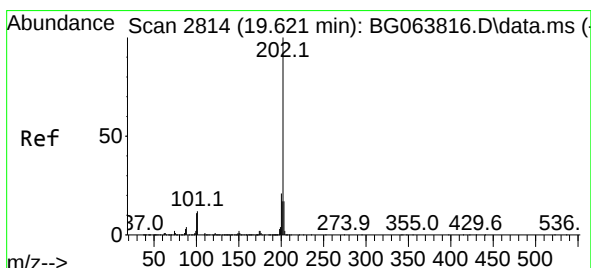
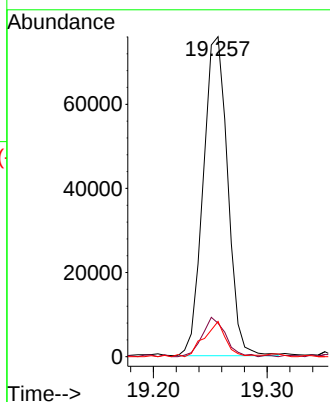
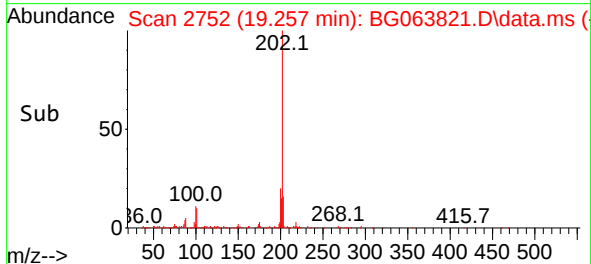
Instrument :
BNA_G
ClientSampleId :
E2916



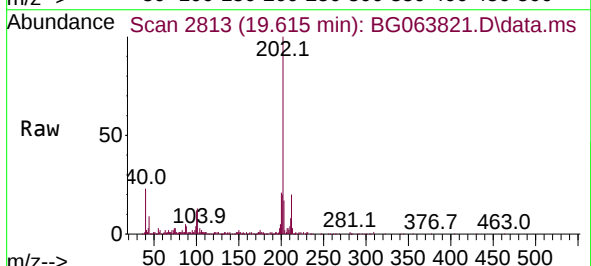
Tgt Ion:202 Resp: 113209
Ion Ratio Lower Upper
202 100
101 10.5 8.1 12.1
100 11.0 6.5 9.7

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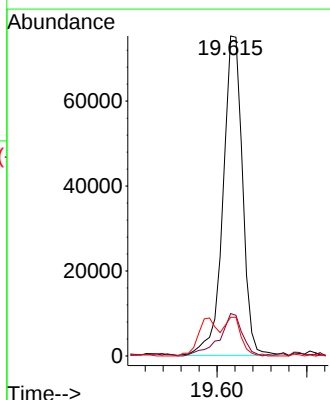
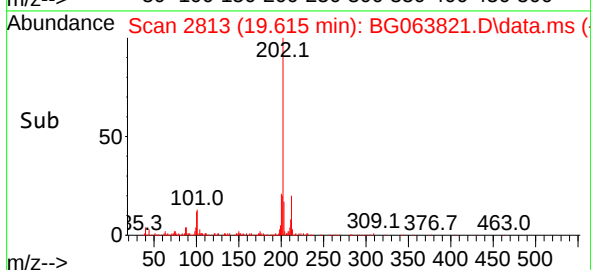
Reviewed By :Yogesh Patel 12/26/2024
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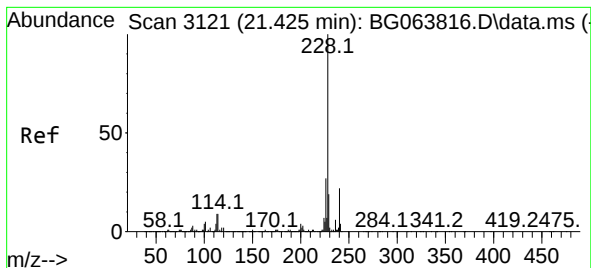


#82
Pyrene
Concen: 2.150 ng/u1
RT: 19.615 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BG063821.D
Acq: 24 Dec 2024 16:06



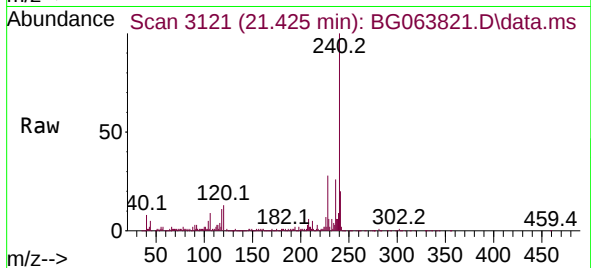
Tgt Ion:202 Resp: 113302
Ion Ratio Lower Upper
202 100
101 13.3 8.7 13.1#
100 12.1 7.8 11.6#





#85
Benzo(a)anthracene
Concen: 1.596 ng/ul
RT: 21.425 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BG063821.D
Acq: 24 Dec 2024 16:06

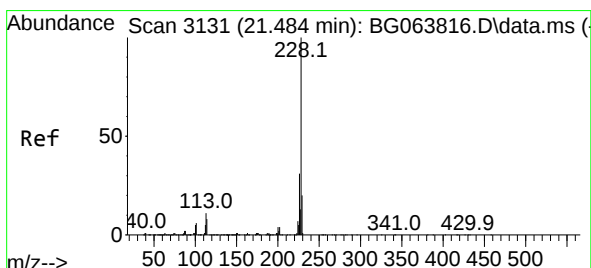
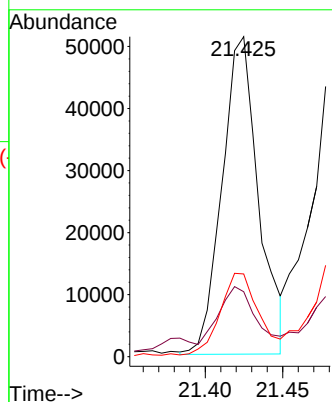
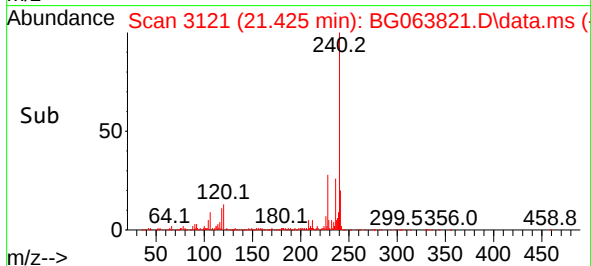
Instrument :
BNA_G
ClientSampleId :
E2916



Tgt Ion:228 Resp: 8374
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 25.9 22.0 33.0

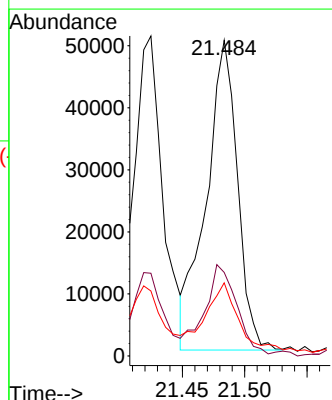
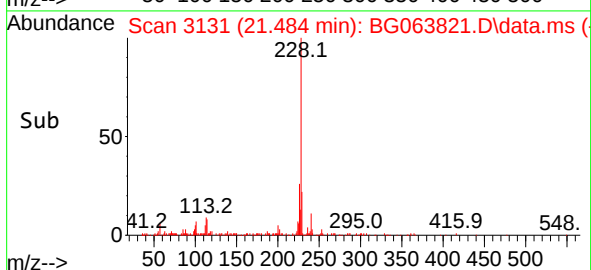
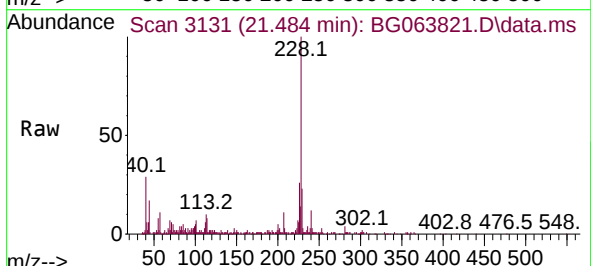
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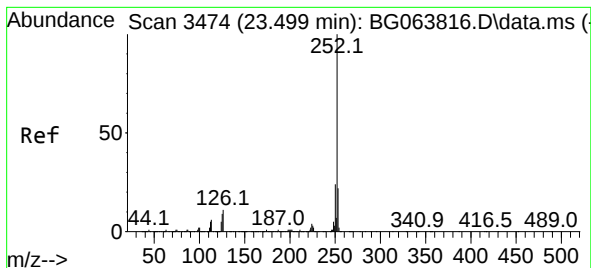
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#87
Chrysene
Concen: 1.748 ng/ul m
RT: 21.484 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BG063821.D
Acq: 24 Dec 2024 16:06

Tgt Ion:228 Resp: 87409
Ion Ratio Lower Upper
228 100
226 26.5 23.4 35.0
229 23.2 14.8 22.2#





#90

Benzo(b)fluoranthene

Concen: 2.855 ng/ul

RT: 23.499 min Scan# 3474

Delta R.T. -0.000 min

Lab File: BG063821.D

Acq: 24 Dec 2024 16:06

Instrument :

BNA_G

ClientSampleId :

E2916

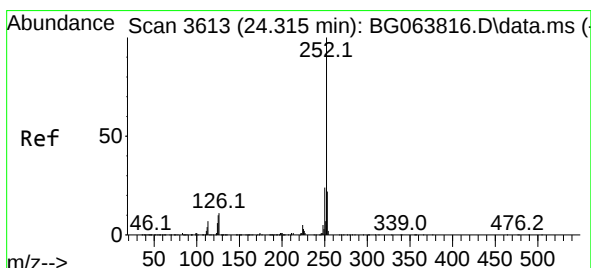
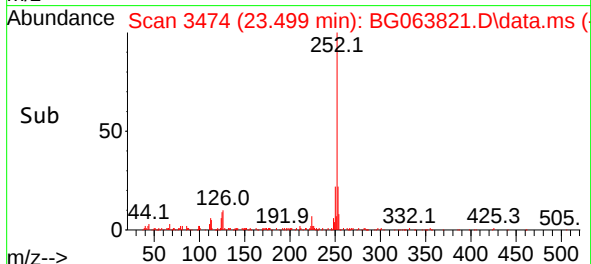
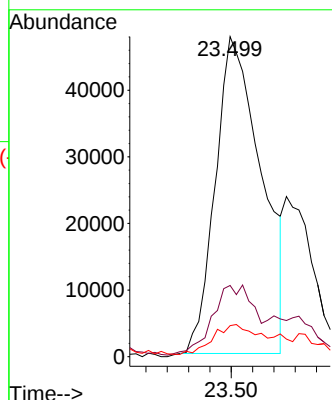
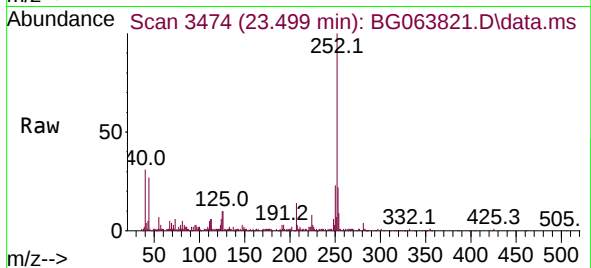
Tgt Ion:252 Resp: 142317
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 9.7 7.0 10.4

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#93

Benzo(a)pyrene

Concen: 2.225 ng/ul m

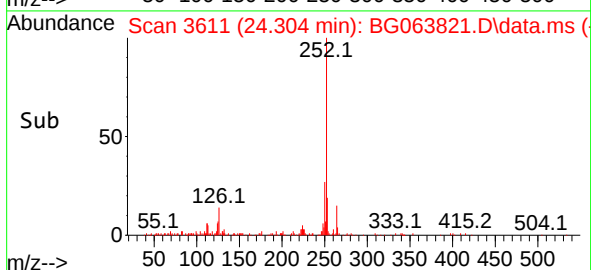
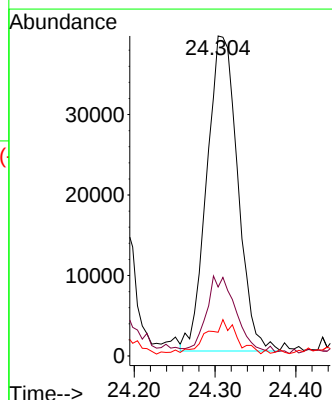
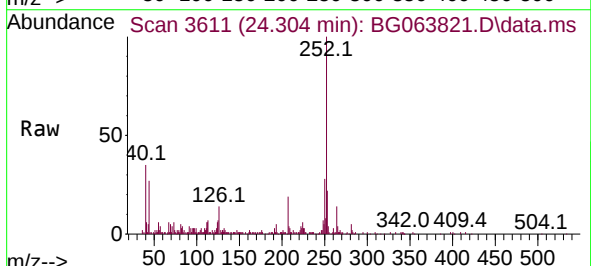
RT: 24.304 min Scan# 3611

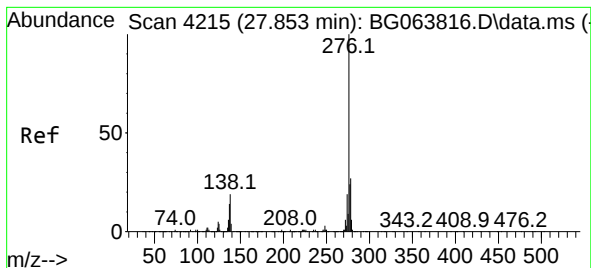
Delta R.T. -0.000 min

Lab File: BG063821.D

Acq: 24 Dec 2024 16:06

Tgt Ion:252 Resp: 104089
 Ion Ratio Lower Upper
 252 100
 253 21.5 16.6 24.8
 125 7.4 8.0 12.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.274 ng/ul m

RT: 27.858 min Scan# 4215

Delta R.T. 0.012 min

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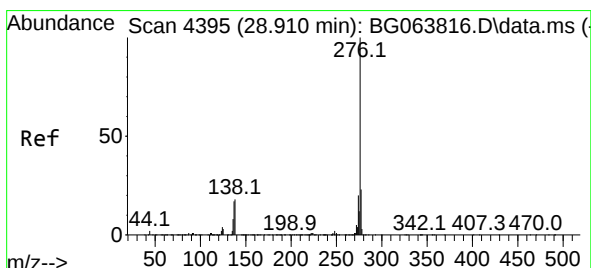
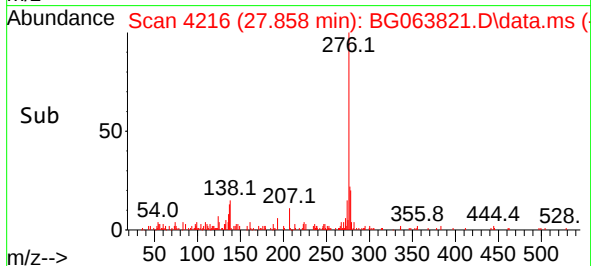
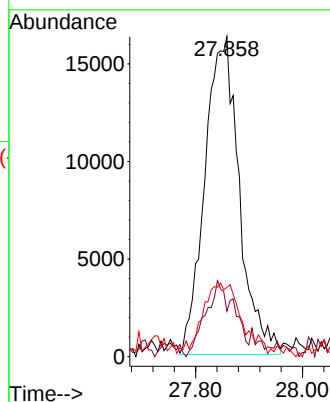
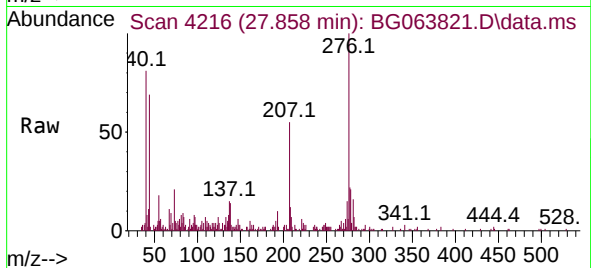
Tgt Ion:	276	Resp:	7280
Ion Ratio	Lower	Upper	
276	100		
138	14.2	13.7	20.5
277	21.7	18.4	27.6

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 1.760 ng/ul m

RT: 28.910 min Scan# 4395

Delta R.T. 0.012 min

Lab File: BG063821.D

Acq: 24 Dec 2024 16:06

Tgt Ion:	276	Resp:	79797
Ion Ratio	Lower	Upper	
276	100		
138	15.6	13.8	20.8
277	24.5	17.8	26.8

