

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063685.D
 Acq On : 16 Dec 2024 12:27
 Operator : RC/JU
 Sample : P5232-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28S1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 02:19:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	195835	20.000	ng/u1	0.00
20) Naphthalene-d8	10.603	136	834725	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	638108	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.201	188	1357601	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	1276189	20.000	ng/u1	0.00
88) Perylene-d12	24.475	264	1357288	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11553m	2.312	ng/uL	0.00
4) Pyridine-d5	3.682	84	149096	9.458	ng/u1	0.00
7) Phenol-d5	7.001	99	265480	14.719	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	160474	12.882	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	174611	14.954	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	155691	11.118	ng/u1	0.00
21) Nitrobenzene-d5	8.964	128	89023	14.937	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	105490	15.790	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	198559	15.351	ng/u1	0.00
31) 4-Chloroaniline-d4	10.738	131	188604m	11.484	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	670168	15.434	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	701685	14.176	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	85053m	13.825	ng/u1	0.01
60) Fluorene-d10	15.444	176	537572	14.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	76062m	10.791	ng/u1	0.00
73) Anthracene-d10	17.301	188	808950	13.859	ng/u1	0.00
81) Pyrene-d10	19.598	212	826254	12.442	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.263	264	611431	9.593	ng/u1	-0.01
Target Compounds					Qvalue	
6) Benzaldehyde	6.954	77	58468	5.285	ng/u1	93
8) Phenol	7.025	94	23579	1.227	ng/u1#	94
72) Phenanthrene	17.242	178	92231	1.410	ng/u1	97
80) Fluoranthene	19.263	202	218211	2.891	ng/u1#	94
82) Pyrene	19.628	202	193346	2.408	ng/u1#	95
85) Benzo(a)anthracene	21.431	228	107198	1.340	ng/u1	98
87) Chrysene	21.496	228	106425m	1.396	ng/u1	
90) Benzo(b)fluoranthene	23.517	252	166118	2.153	ng/u1#	94
93) Benzo(a)pyrene	24.328	252	109352	1.510	ng/u1#	86
96) Benzo(g,h,i)perylene	28.940	276	85608m	1.220	ng/u1	

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

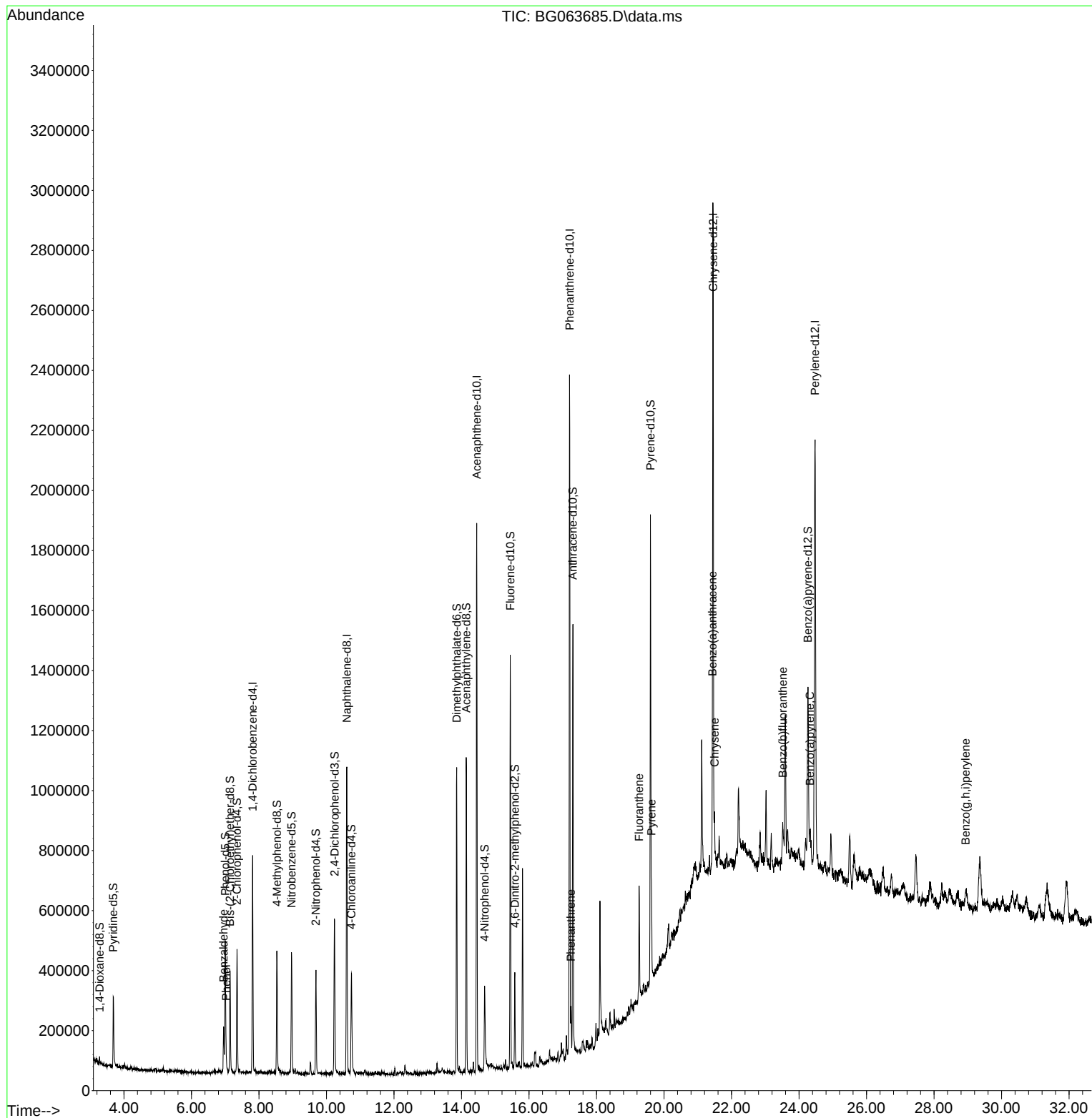
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063685.D
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Sample : P5232-07
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ALS Vial : 5 Sample Multiplier: 1

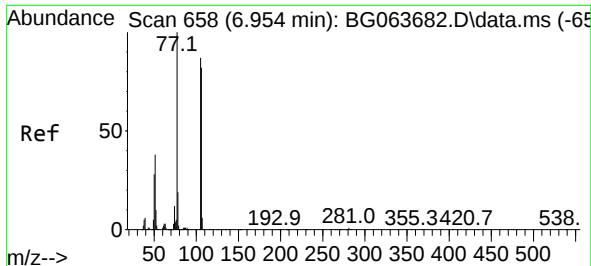
Instrument :
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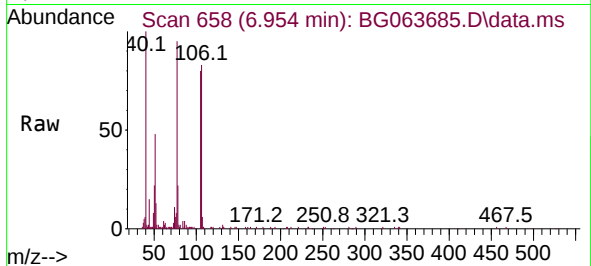
Quant Time: Dec 17 02:19:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
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#6
Benzaldehyde
Concen: 5.285 ng/ul
RT: 6.954 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG063685.D
Acq: 16 Dec 2024 12:27

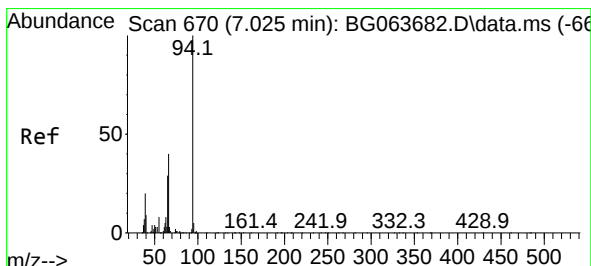
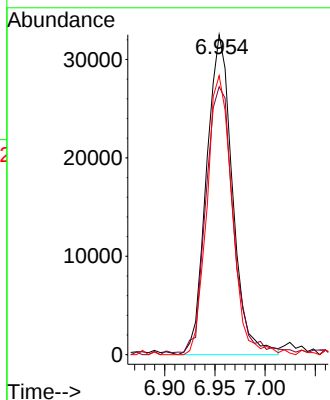
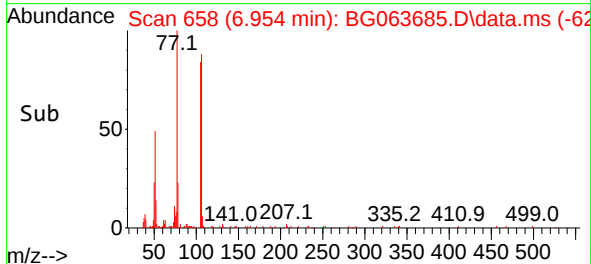
Instrument :
BNA_G
ClientSampleId :
E28S1



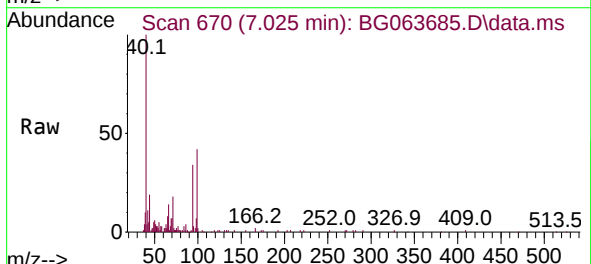
Tgt Ion: 77 Resp: 5846
Ion Ratio Lower Upper
77 100
105 83.8 65.2 97.8
106 87.2 61.0 91.4

Manual Integrations
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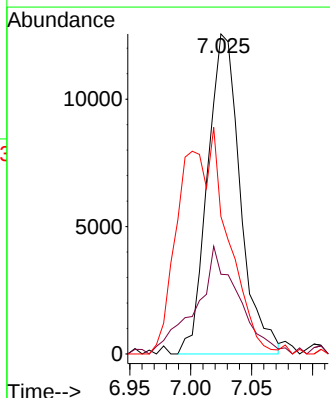
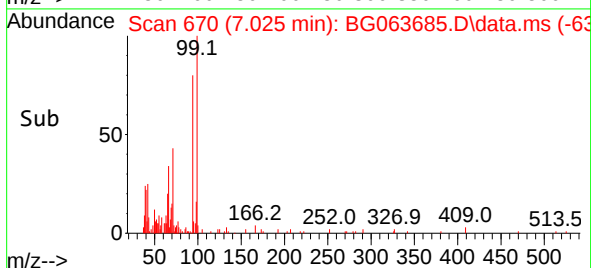
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

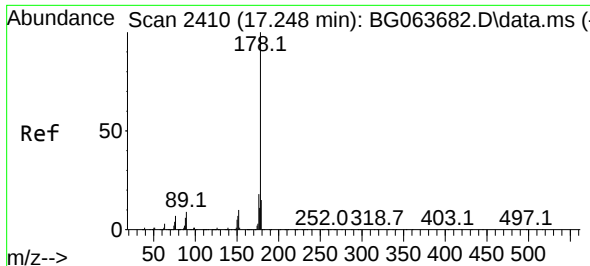


#8
Phenol
Concen: 1.227 ng/ul
RT: 7.025 min Scan# 670
Delta R.T. 0.006 min
Lab File: BG063685.D
Acq: 16 Dec 2024 12:27



Tgt Ion: 94 Resp: 23579
Ion Ratio Lower Upper
94 100
65 24.9 25.6 38.4#
66 43.0 34.2 51.2





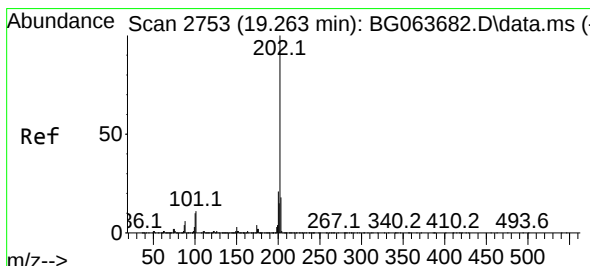
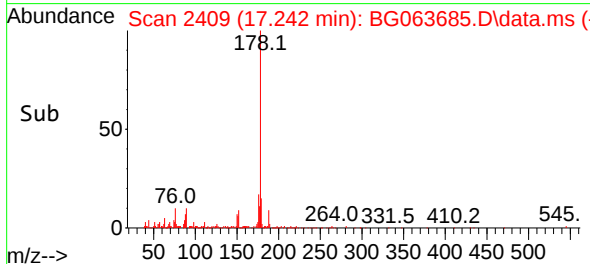
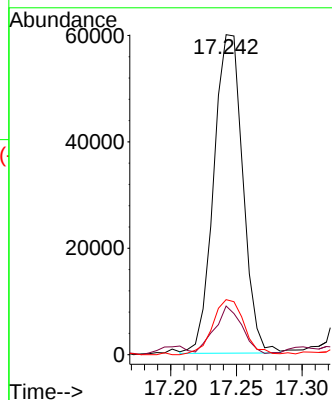
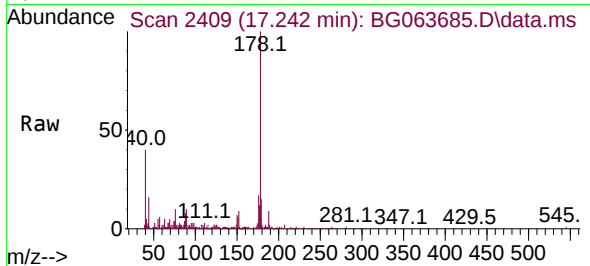
#72
Phenanthrene
Concen: 1.410 ng/ul
RT: 17.242 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BG063685.D
Acq: 16 Dec 2024 12:27

Instrument :
BNA_G
ClientSampleId :
E28S1

Tgt Ion:178 Resp: 9223
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 17.2 15.8 23.6

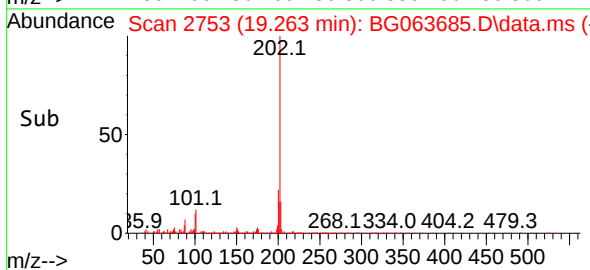
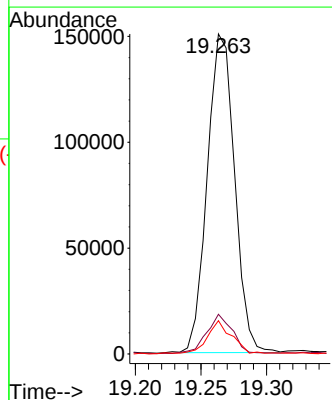
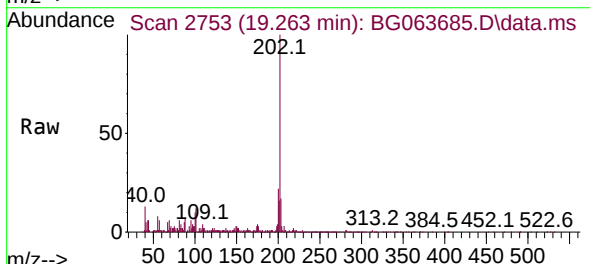
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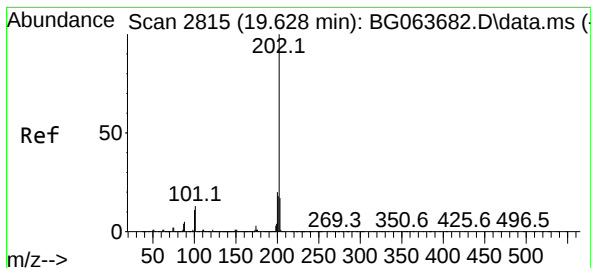
Reviewed By :Yogesh Patel 12/18/2024
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#80
Fluoranthene
Concen: 2.891 ng/ul
RT: 19.263 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BG063685.D
Acq: 16 Dec 2024 12:27

Tgt Ion:202 Resp: 218211
Ion Ratio Lower Upper
202 100
101 12.4 8.1 12.1#
100 10.4 6.5 9.7#





#82

Pyrene

Concen: 2.408 ng/ul

RT: 19.628 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BG063685.D

Acq: 16 Dec 2024 12:27

Instrument :

BNA_G

ClientSampleId :

E28S1

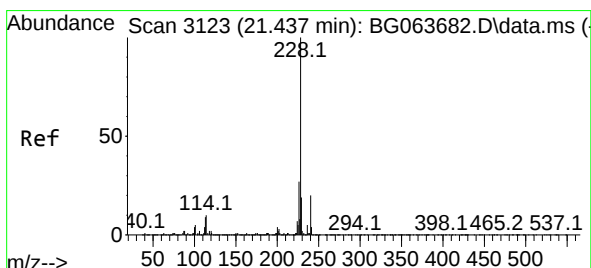
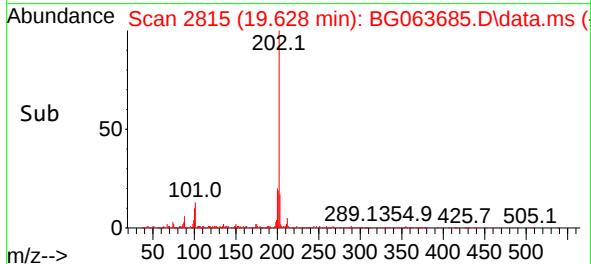
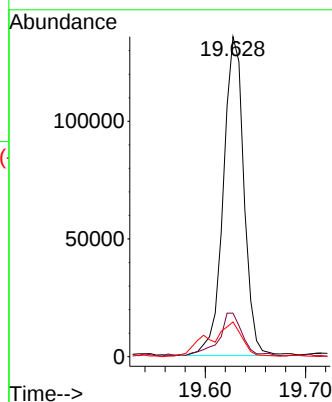
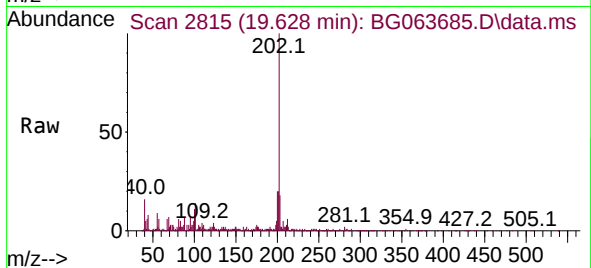
Tgt Ion:	202	Resp:	193340
Ion Ratio	Lower	Upper	
202	100		
101	13.6	8.7	13.1
100	10.9	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.340 ng/ul

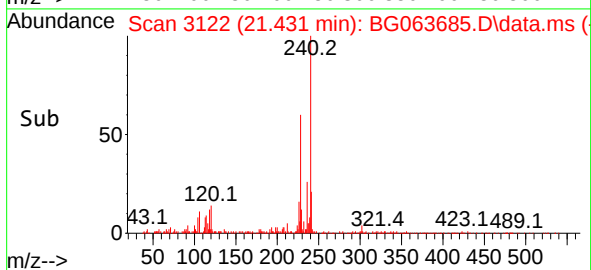
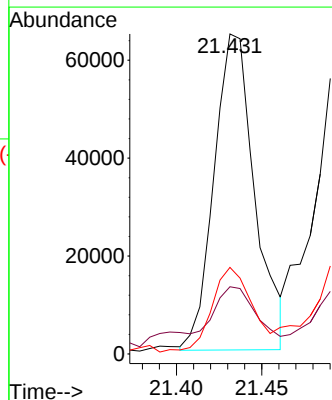
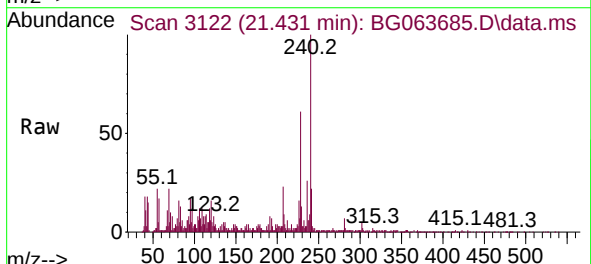
RT: 21.431 min Scan# 3122

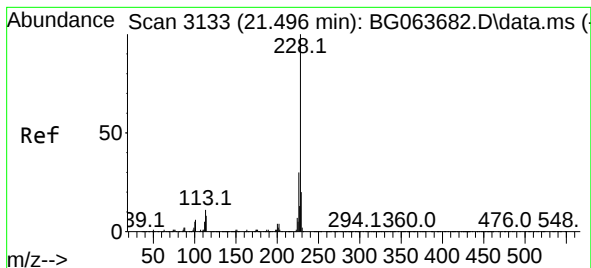
Delta R.T. -0.012 min

Lab File: BG063685.D

Acq: 16 Dec 2024 12:27

Tgt Ion:	228	Resp:	107198
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.7	23.5
226	27.0	22.0	33.0





#87

Chrysene

Concen: 1.396 ng/ul m

RT: 21.496 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BG063685.D

Acq: 16 Dec 2024 12:27

Instrument :

BNA_G

ClientSampleId :

E28S1

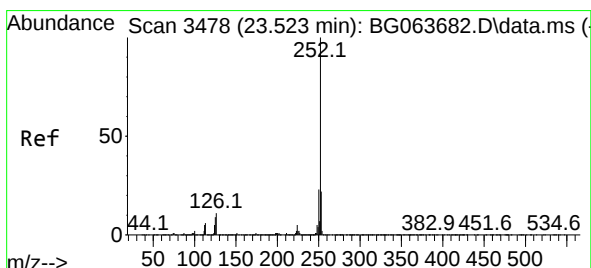
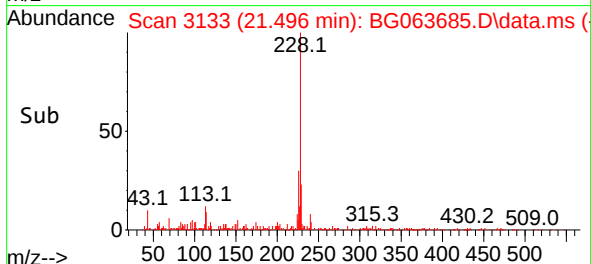
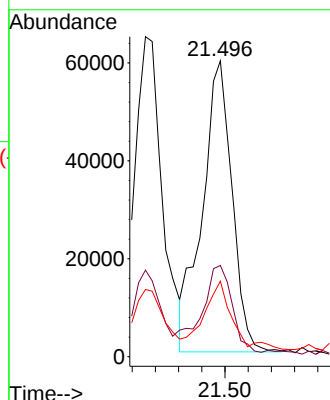
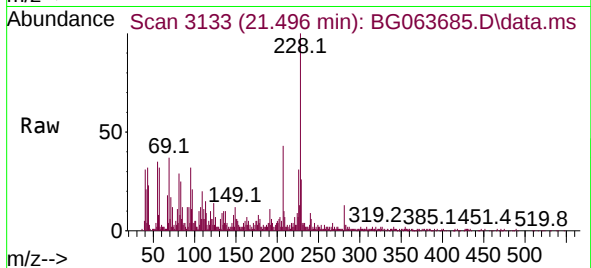
Tgt Ion:228	Resp: 10642
Ion Ratio	Lower Upper
228 100	
226 30.8	23.4 35.0
229 25.5	14.8 22.2

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#90

Benzo(b)fluoranthene

Concen: 2.153 ng/ul

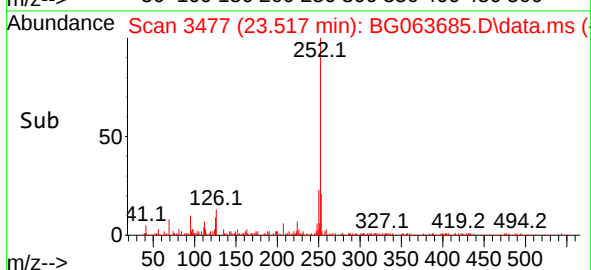
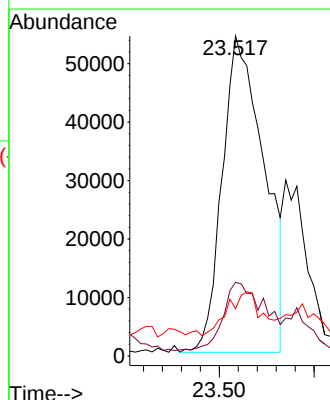
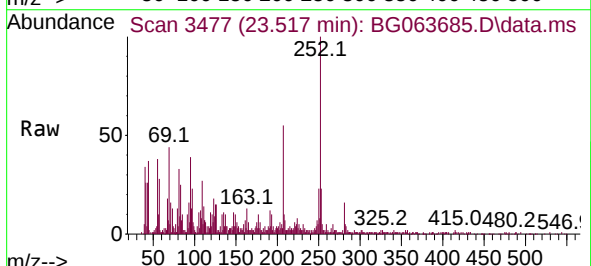
RT: 23.517 min Scan# 3477

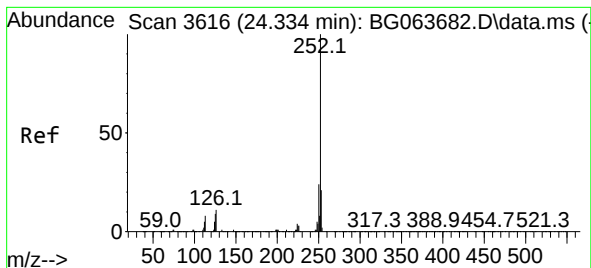
Delta R.T. -0.006 min

Lab File: BG063685.D

Acq: 16 Dec 2024 12:27

Tgt Ion:252	Resp: 166118
Ion Ratio	Lower Upper
252 100	
253 23.0	17.7 26.5
125 14.7	7.0 10.4





#93

Benzo(a)pyrene

Concen: 1.510 ng/ul

RT: 24.328 min Scan# 3

Delta R.T. -0.012 min

Lab File: BG063685.D

Acq: 16 Dec 2024 12:27

Instrument :

BNA_G

ClientSampleId :

E28S1

Tgt Ion:252 Resp: 10935

Ion Ratio Lower Upper

252 100

253 23.9 16.6 24.8

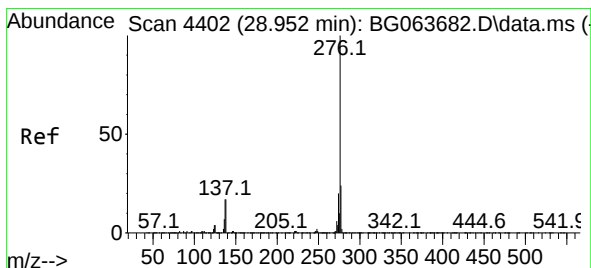
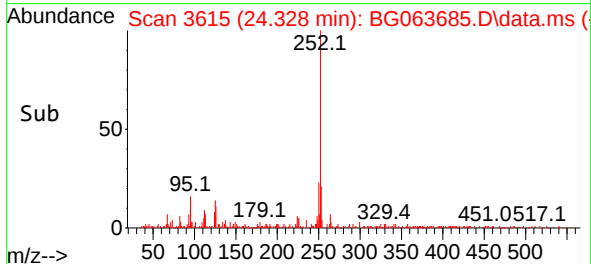
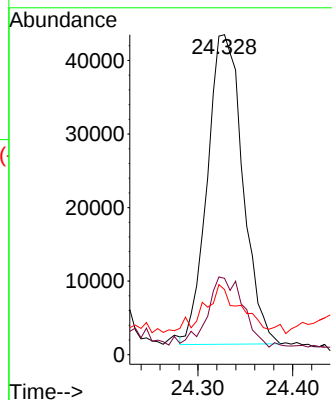
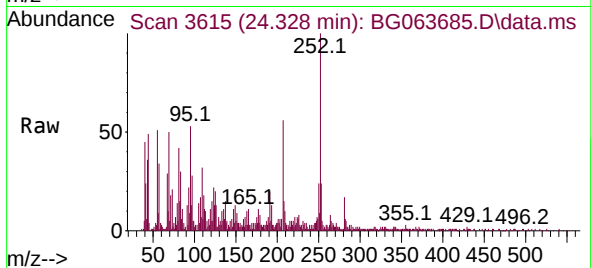
125 20.3 8.0 12.0

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#96

Benzo(g,h,i)perylene

Concen: 1.220 ng/ul m

RT: 28.940 min Scan# 4400

Delta R.T. 0.000 min

Lab File: BG063685.D

Acq: 16 Dec 2024 12:27

Tgt Ion:276 Resp: 85608

Ion Ratio Lower Upper

276 100

138 24.1 13.8 20.8#

277 24.1 17.8 26.8

