

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
 Data File : BG063684.D
 Acq On : 16 Dec 2024 11:50
 Operator : RC/JU
 Sample : P5232-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28S2

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 02:10:39 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	165483	20.000	ng/u1	0.00
20) Naphthalene-d8	10.603	136	715874	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	553458	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.201	188	1195449	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	1103650	20.000	ng/u1	-0.01
88) Perylene-d12	24.481	264	1201910	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11574m	2.741	ng/uL	0.00
4) Pyridine-d5	3.682	84	189942	14.259	ng/u1	0.00
7) Phenol-d5	6.996	99	297839	19.542	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	194359	18.464	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	196939	19.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	203982	17.239	ng/u1	0.00
21) Nitrobenzene-d5	8.964	128	105609	20.661	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	121418	21.191	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	238293	21.481	ng/u1	0.00
31) 4-Chloroaniline-d4	10.744	131	91728m	6.512	ng/u1	0.00
46) Dimethylphthalate-d6	13.858	166	811906	21.559	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	913894	21.288	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	109563m	20.533	ng/u1	0.01
60) Fluorene-d10	15.444	176	720434	21.636	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	90602m	14.597	ng/u1	0.00
73) Anthracene-d10	17.301	188	1117887	21.750	ng/u1	0.00
81) Pyrene-d10	19.598	212	1215831	21.170	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.269	264	1018845	18.051	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.025	94	23129	1.424	ng/u1	95
72) Phenanthrene	17.242	178	94523	1.641	ng/u1	96
80) Fluoranthene	19.264	202	113993	1.746	ng/u1	96
82) Pyrene	19.628	202	111107	1.600	ng/u1#	93
85) Benzo(a)anthracene	21.432	228	70795	1.024	ng/u1#	90
87) Chrysene	21.496	228	93272	1.415	ng/u1#	86
90) Benzo(b)fluoranthene	23.517	252	138791	2.032	ng/u1#	86
93) Benzo(a)pyrene	24.334	252	103176	1.609	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	27.889	276	83524m	1.067	ng/u1	
96) Benzo(g,h,i)perylene	28.935	276	96442m	1.552	ng/u1	

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

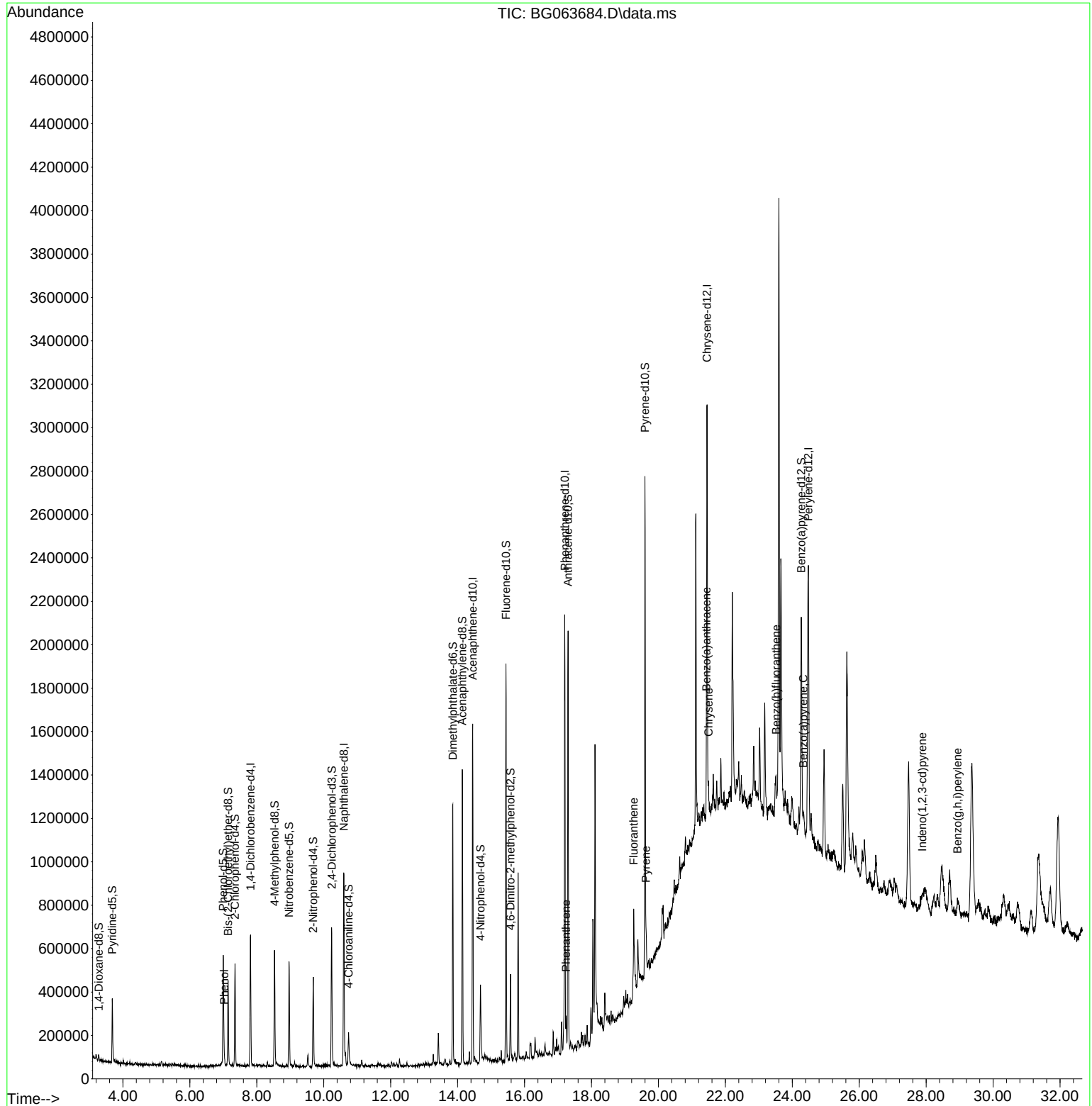
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121624\
Data File : BG063684.D
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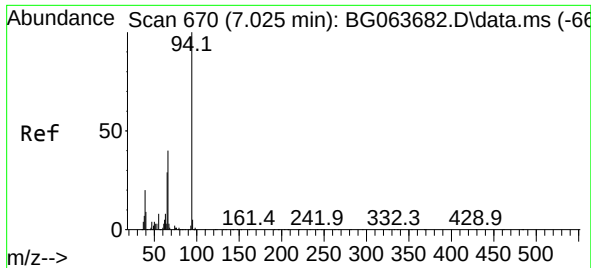
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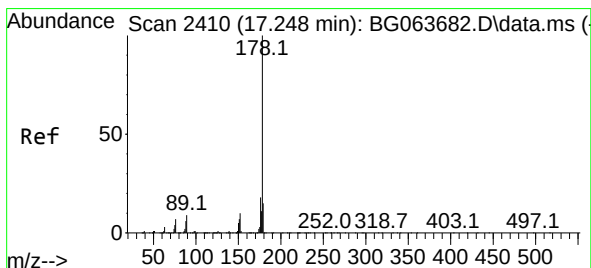
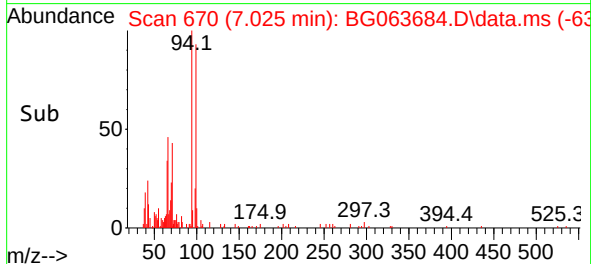
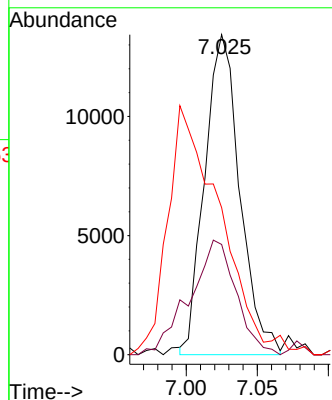
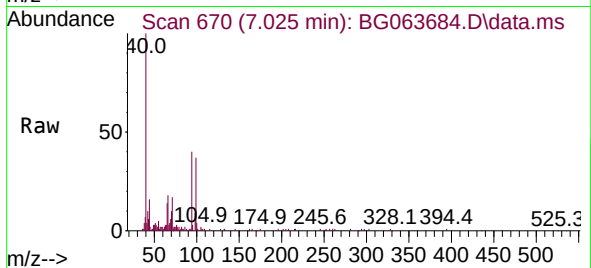
#8
Phenol
Concen: 1.424 ng/ul
RT: 7.025 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG063684.D
Acq: 16 Dec 2024 11:50

Instrument :
BNA_G
ClientSampleId :
E28S2

Tgt Ion: 94 Resp: 23129
Ion Ratio Lower Upper
94 100
65 34.4 25.6 38.4
66 45.9 34.2 51.2

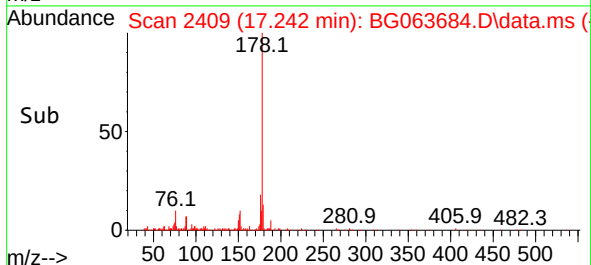
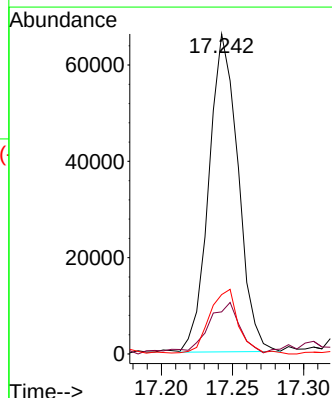
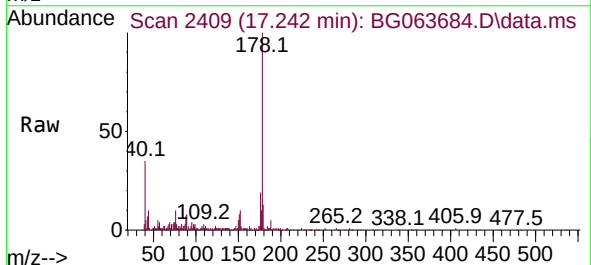
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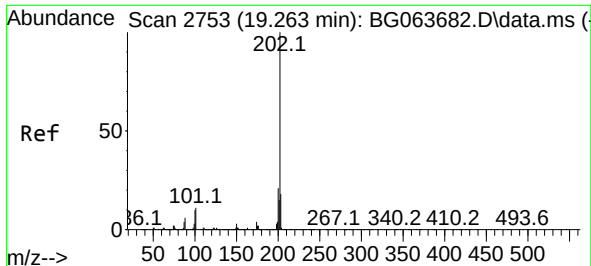
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#72
Phenanthrene
Concen: 1.641 ng/ul
RT: 17.242 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG063684.D
Acq: 16 Dec 2024 11:50

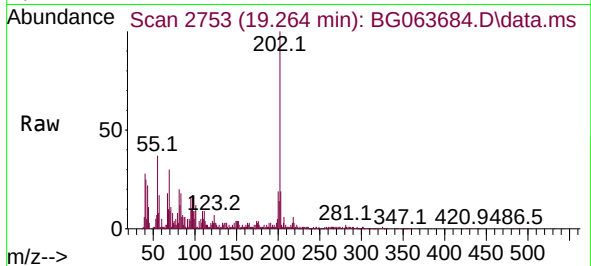
Tgt Ion:178 Resp: 94523
Ion Ratio Lower Upper
178 100
179 13.2 12.2 18.2
176 18.5 15.8 23.6





#80
Fluoranthene
Concen: 1.746 ng/ul
RT: 19.264 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG063684.D
Acq: 16 Dec 2024 11:50

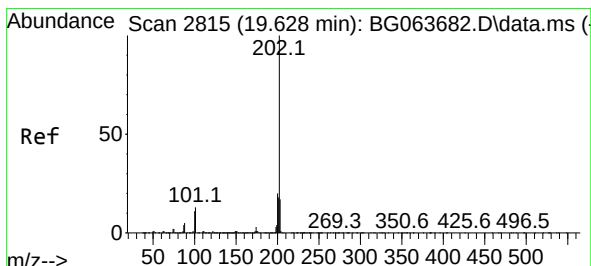
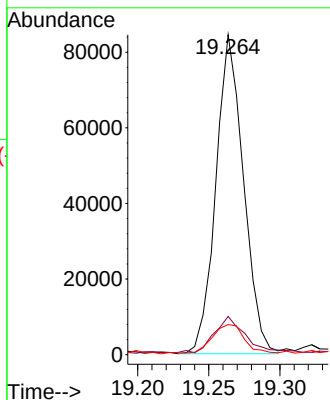
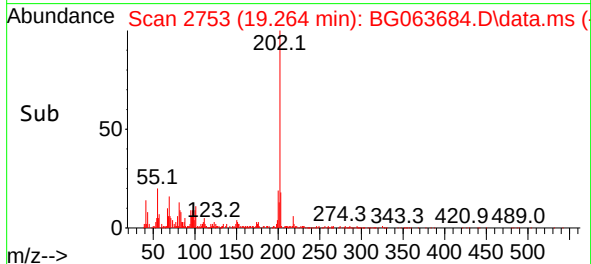
Instrument :
BNA_G
ClientSampleId :
E28S2



Tgt Ion:202 Resp: 11399
Ion Ratio Lower Upper
202 100
101 11.9 8.1 12.1
100 9.4 6.5 9.7

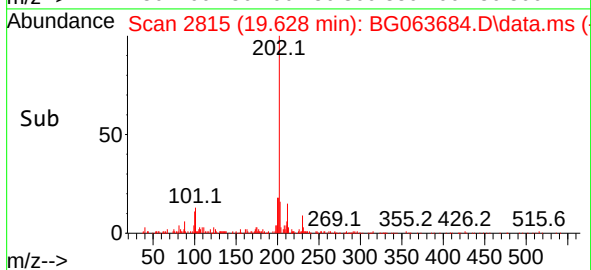
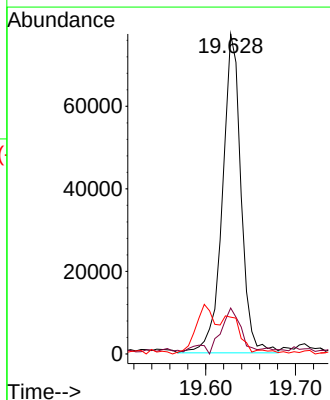
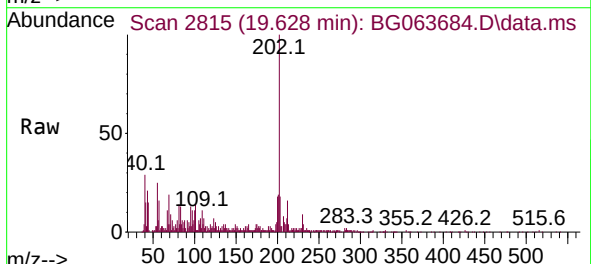
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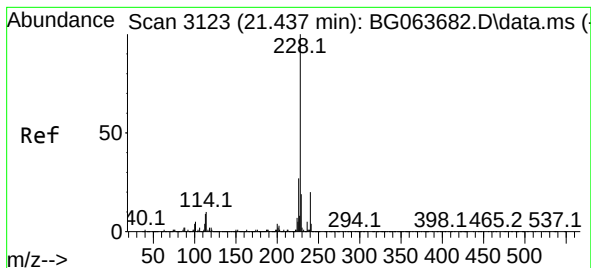
Reviewed By :Yogesh Patel 12/18/2024
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#82
Pyrene
Concen: 1.600 ng/ul
RT: 19.628 min Scan# 2815
Delta R.T. -0.005 min
Lab File: BG063684.D
Acq: 16 Dec 2024 11:50

Tgt Ion:202 Resp: 111107
Ion Ratio Lower Upper
202 100
101 14.3 8.7 13.1#
100 11.5 7.8 11.6





#85

Benzo(a)anthracene

Concen: 1.024 ng/ul

RT: 21.432 min Scan# 3123

Delta R.T. -0.011 min

Lab File: BG063684.D

Acq: 16 Dec 2024 11:50

Instrument :

BNA_G

ClientSampleId :

E28S2

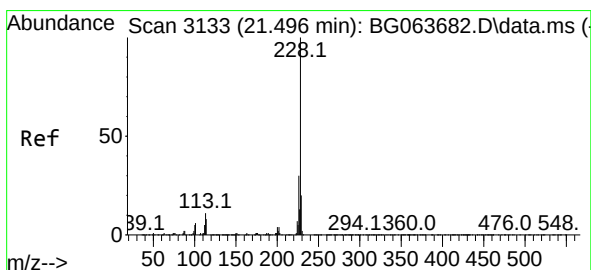
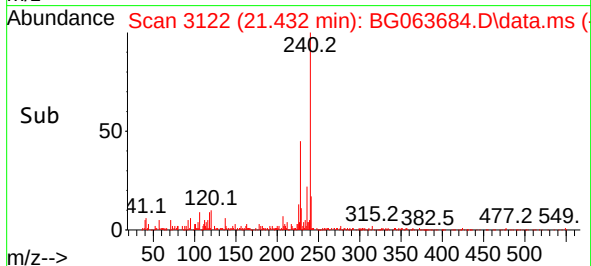
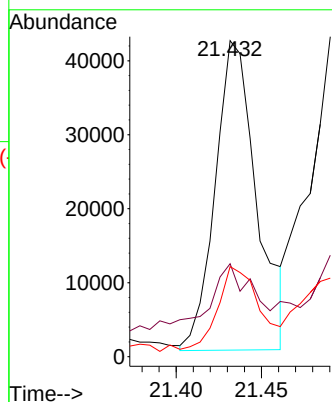
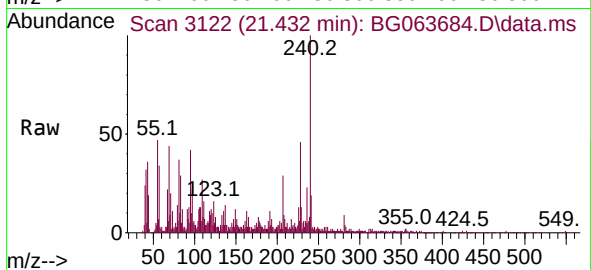
Tgt Ion:228 Resp: 70795
 Ion Ratio Lower Upper
 228 100
 229 29.4 15.7 23.5#
 226 28.5 22.0 33.0#

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#87

Chrysene

Concen: 1.415 ng/ul

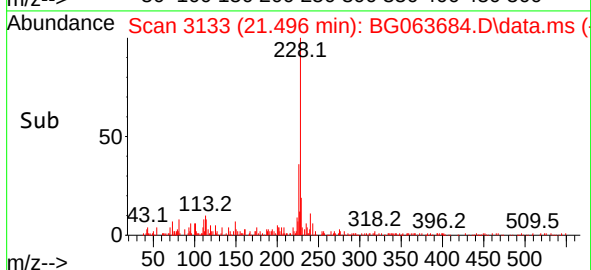
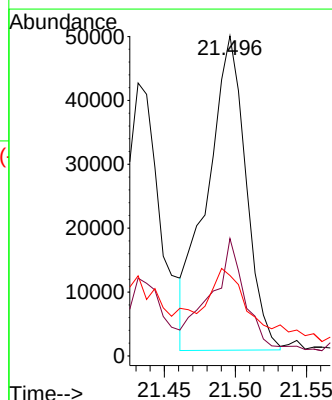
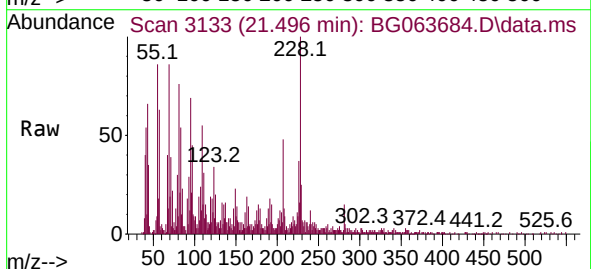
RT: 21.496 min Scan# 3133

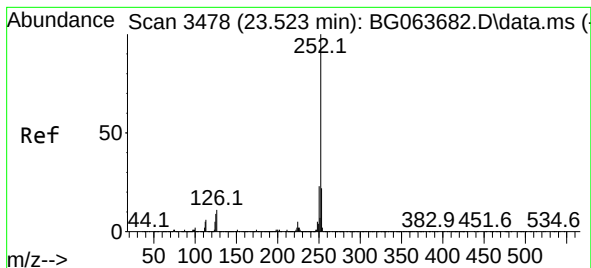
Delta R.T. -0.005 min

Lab File: BG063684.D

Acq: 16 Dec 2024 11:50

Tgt Ion:228 Resp: 93272
 Ion Ratio Lower Upper
 228 100
 226 36.7 23.4 35.0#
 229 25.1 14.8 22.2#





#90

Benzo(b)fluoranthene

Concen: 2.032 ng/uI

RT: 23.517 min Scan# 3477

Delta R.T. -0.005 min

Lab File: BG063684.D

Acq: 16 Dec 2024 11:50

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ClientSampleId :

E28S2

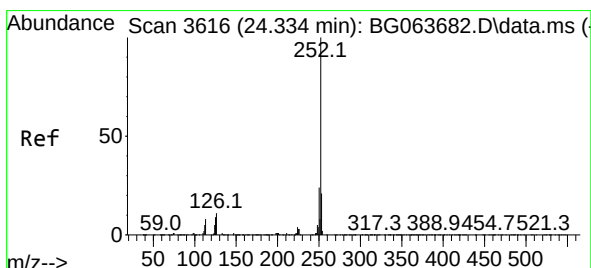
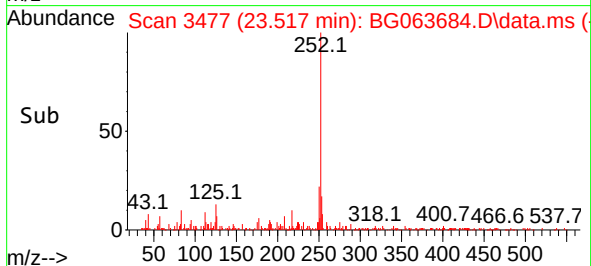
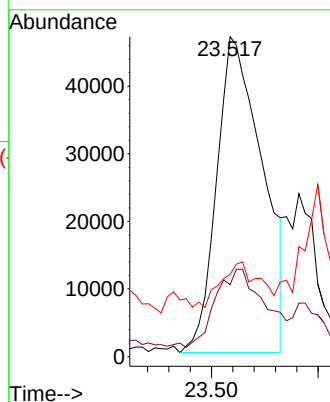
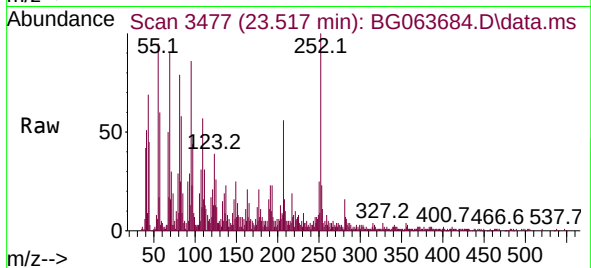
Tgt Ion:	252	Resp:	13879
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	25.7	7.0	10.4

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#93

Benzo(a)pyrene

Concen: 1.609 ng/uI

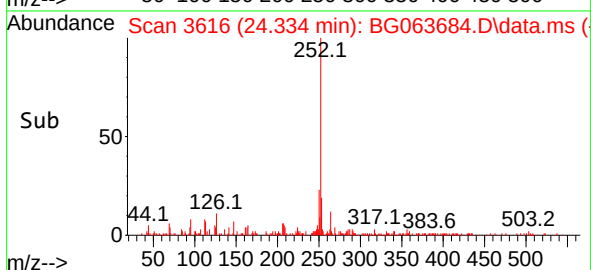
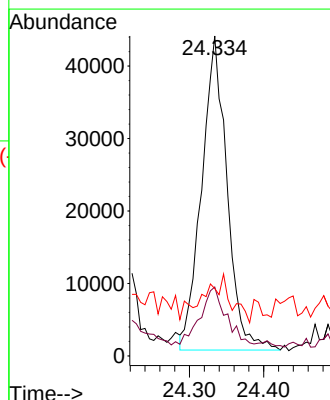
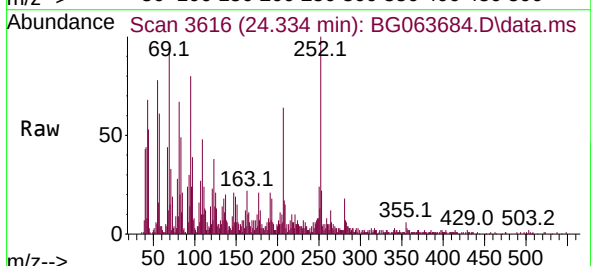
RT: 24.334 min Scan# 3616

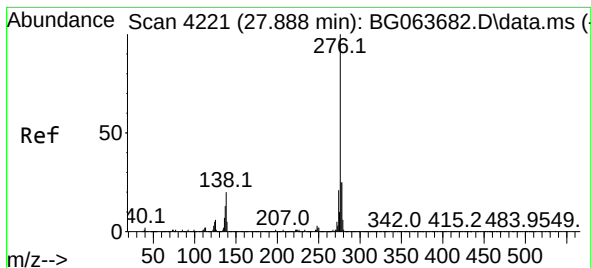
Delta R.T. -0.005 min

Lab File: BG063684.D

Acq: 16 Dec 2024 11:50

Tgt Ion:	252	Resp:	103176
Ion Ratio	Lower	Upper	
252	100		
253	21.5	16.6	24.8
125	21.0	8.0	12.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.067 ng/ul m

RT: 27.889 min Scan# 4399

Delta R.T. 0.000 min

Lab File: BG063684.D

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ClientSampleId :

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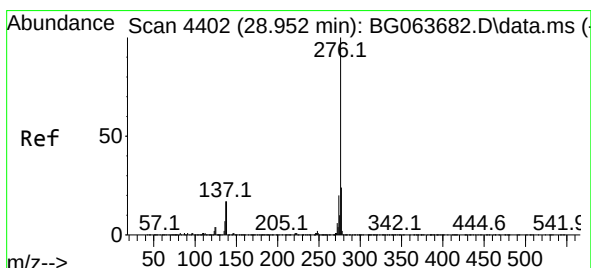
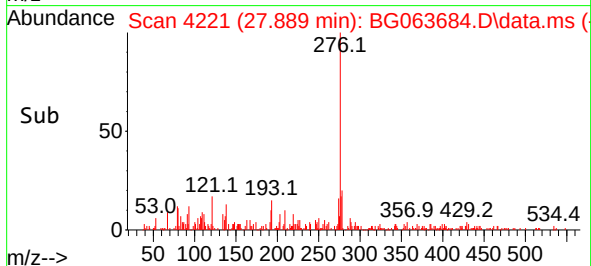
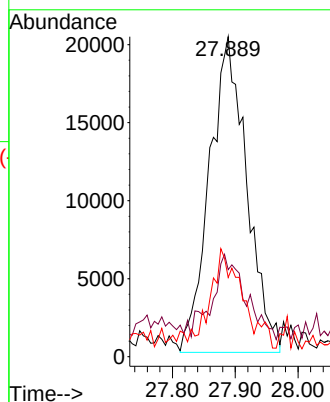
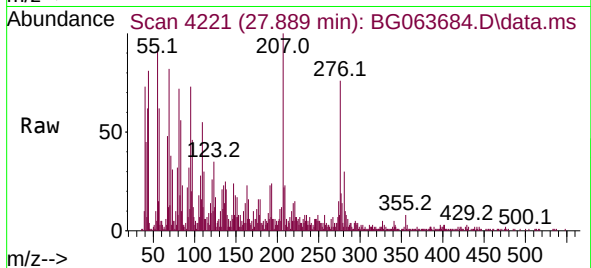
Tgt Ion:	276	Resp:	83524
Ion Ratio	Lower	Upper	
276	100		
138	27.2	13.7	20.5
277	24.8	18.4	27.6

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#96

Benzo(g,h,i)perylene

Concen: 1.552 ng/ul m

RT: 28.935 min Scan# 4399

Delta R.T. -0.005 min

Lab File: BG063684.D

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Tgt Ion:	276	Resp:	96442
Ion Ratio	Lower	Upper	
276	100		
138	20.6	13.8	20.8
277	23.1	17.8	26.8

