

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061303.D
 Acq On : 28 May 2024 17:19
 Operator : MA/JU
 Sample : P2568-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH643

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

Quant Time: May 28 17:59:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	22730	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	102092	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	84788	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	202170	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.513	240	202564	20.000	ng/u1	0.00
88) Perylene-d12	24.597	264	227015	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2024	4.983	ng/uL	0.00
4) Pyridine-d5	3.745	84	24467	16.933	ng/u1	0.00
7) Phenol-d5	7.065	99	43192	23.139	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	28028	23.889	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	34941	25.293	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	35946	22.584	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	18466	23.493	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	21024	22.854	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.308	165	43110	24.038	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	48940	20.858	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	157573	23.962	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	171351	25.064	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	16717	20.562	ng/u1	0.00
60) Fluorene-d10	15.514	176	143039	25.194	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	23283	19.041	ng/u1	0.00
73) Anthracene-d10	17.365	188	222324	24.944	ng/u1	0.00
81) Pyrene-d10	19.656	212	280237	26.944	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.386	264	292765	26.825	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	65848	6.711	ng/u1	99
80) Fluoranthene	19.321	202	202795	16.253	ng/u1	99
82) Pyrene	19.686	202	182504	14.092	ng/u1	99
85) Benzo(a)anthracene	21.495	228	119258	8.532	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	19498m	2.961	ng/u1	
87) Chrysene	21.560	228	120850	9.390	ng/u1	98
90) Benzo(b)fluoranthene	23.622	252	166739	12.336	ng/u1	97
91) Benzo(k)fluoranthene	23.687	252	53216m	3.878	ng/u1	
93) Benzo(a)pyrene	24.456	252	106029	8.261	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.093	276	81240	5.234	ng/u1	100
95) Dibenzo(a,h)anthracene	28.123	278	23611m	1.845	ng/u1	
96) Benzo(g,h,i)perylene	29.174	276	77353m	6.265	ng/u1	

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

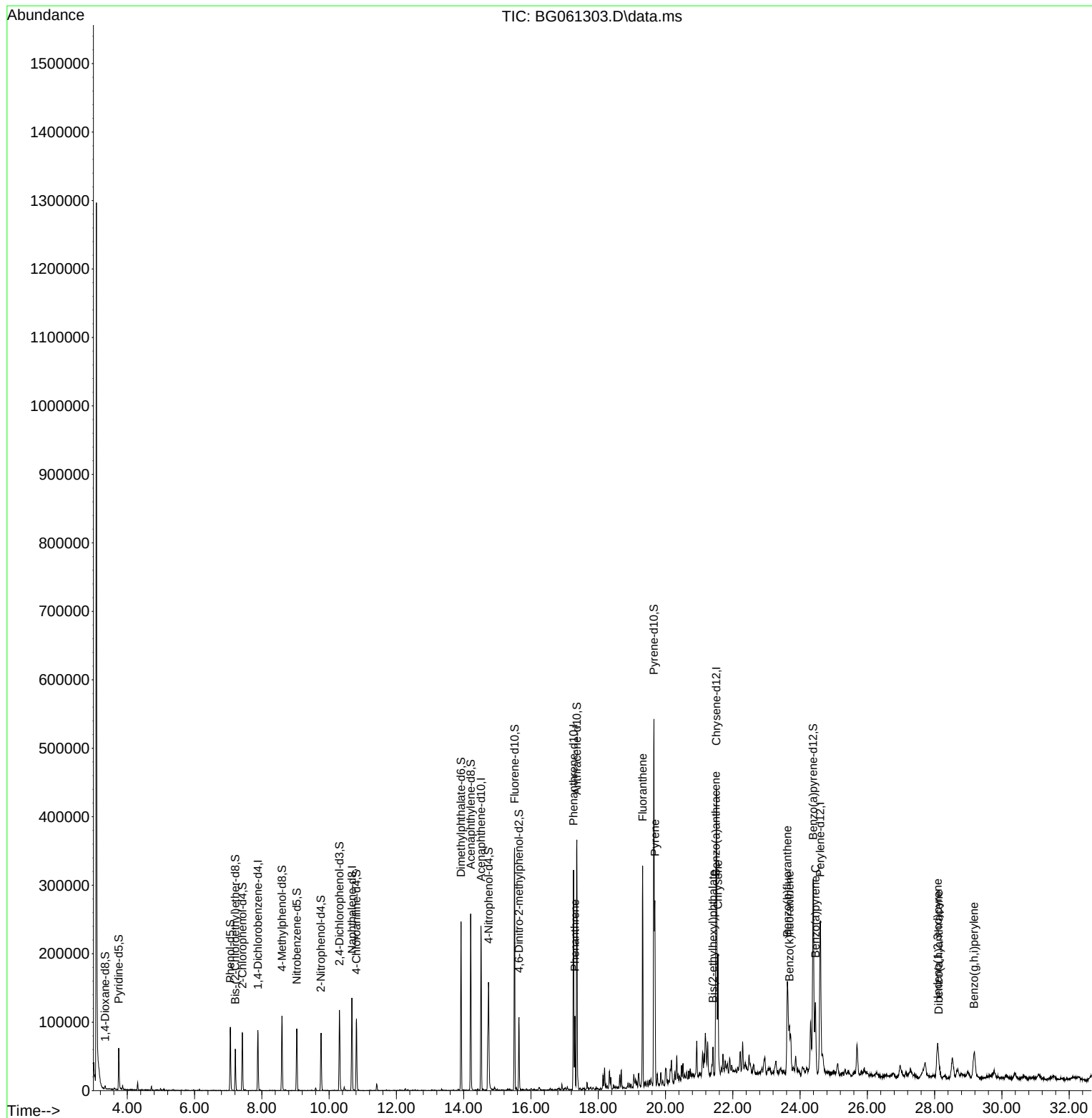
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
Data File : BG061303.D
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ALS Vial : 11 Sample Multiplier: 1

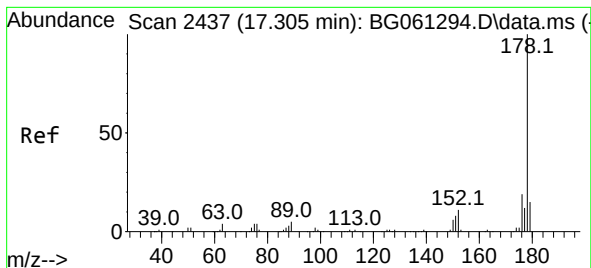
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#72

Phenanthrene

Concen: 6.711 ng/ul

RT: 17.306 min Scan# 2437

Delta R.T. -0.007 min

Lab File: BG061303.D

Acq: 28 May 2024 17:19

Instrument :

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ClientSampleId :

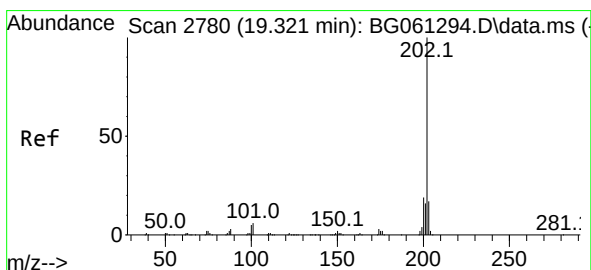
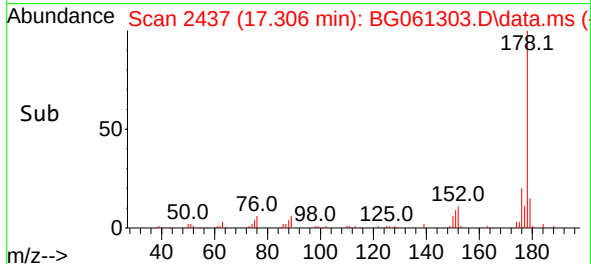
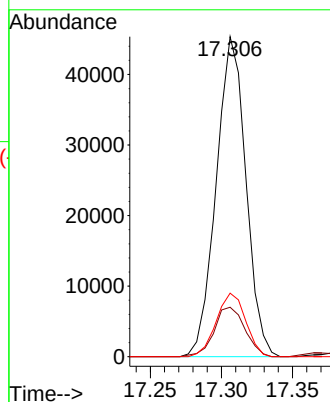
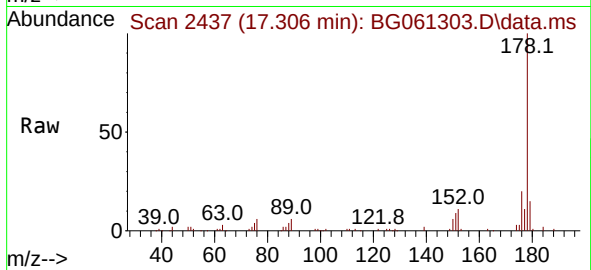
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Tgt Ion:178	Resp:	65848
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.7 19.1
176	19.9	15.5 23.3

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#80

Fluoranthene

Concen: 16.253 ng/ul

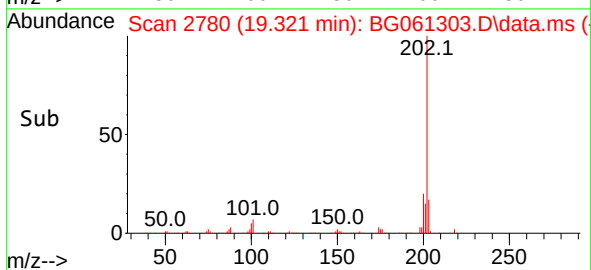
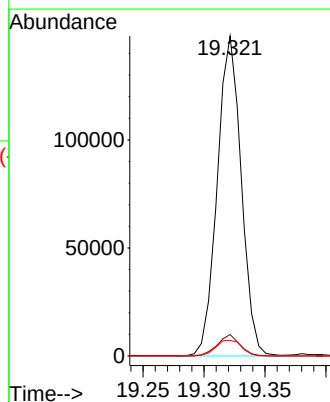
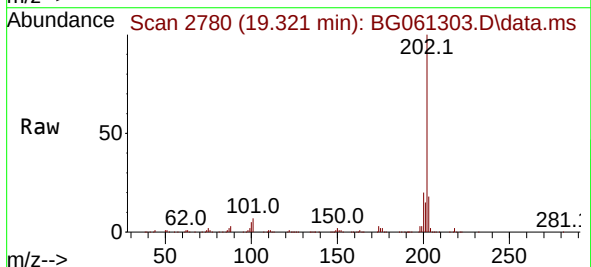
RT: 19.321 min Scan# 2780

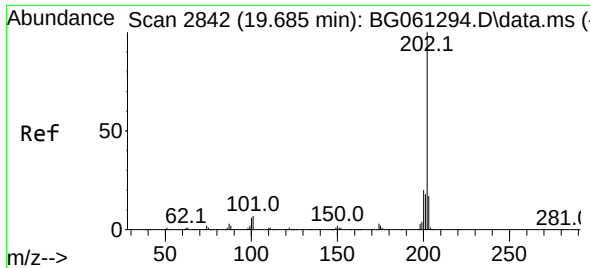
Delta R.T. -0.007 min

Lab File: BG061303.D

Acq: 28 May 2024 17:19

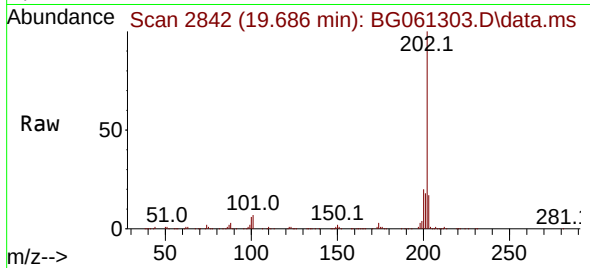
Tgt Ion:202	Resp:	202795
Ion Ratio	Lower	Upper
202	100	
101	6.7	4.8 7.2
100	4.8	4.1 6.1





#82
 Pyrene
 Concen: 14.092 ng/ul
 RT: 19.686 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG061303.D
 Acq: 28 May 2024 17:19

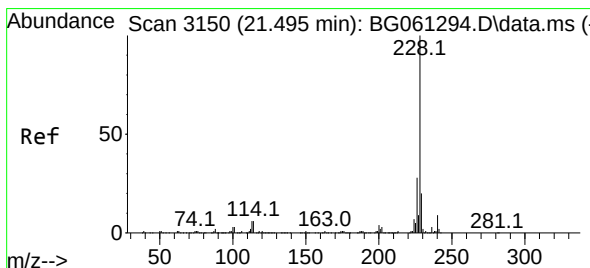
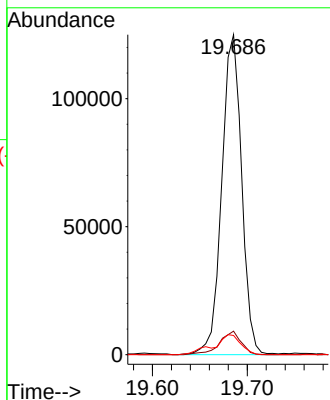
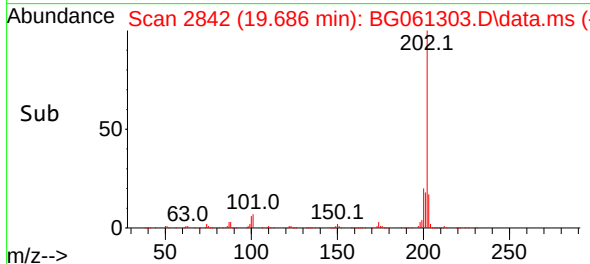
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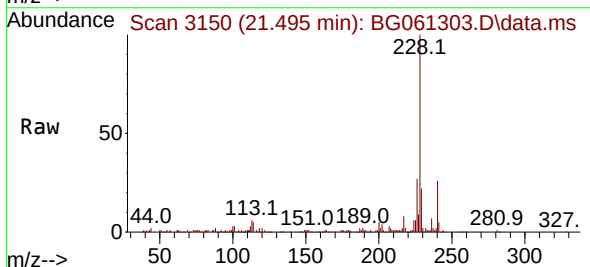
Tgt Ion:202 Resp: 182504
 Ion Ratio Lower Upper
 202 100
 101 7.4 5.7 8.5
 100 6.0 5.1 7.7

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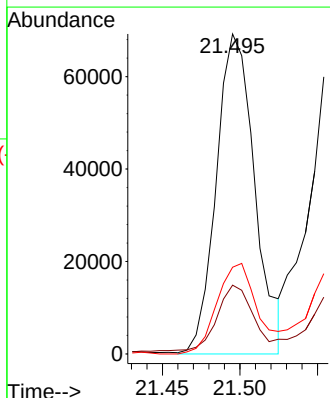
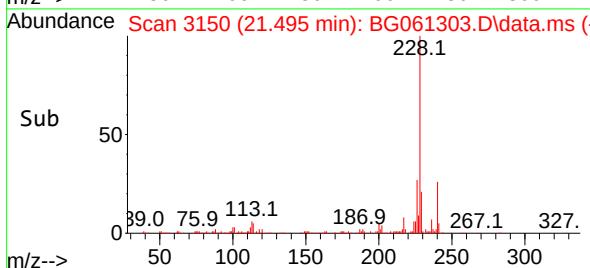
Reviewed By :Jagrut Upadhyay 05/29/2024
 Supervised By :mohammad ahmed 05/30/2024

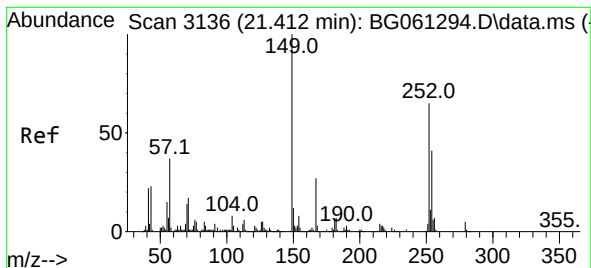


#85
 Benzo(a)anthracene
 Concen: 8.532 ng/ul
 RT: 21.495 min Scan# 3150
 Delta R.T. -0.007 min
 Lab File: BG061303.D
 Acq: 28 May 2024 17:19



Tgt Ion:228 Resp: 119258
 Ion Ratio Lower Upper
 228 100
 229 21.5 15.2 22.8
 226 27.1 21.4 32.2





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.961 ng/ul m

RT: 21.413 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG061303.D

Acq: 28 May 2024 17:19

Instrument :

BNA_G

ClientSampleId :

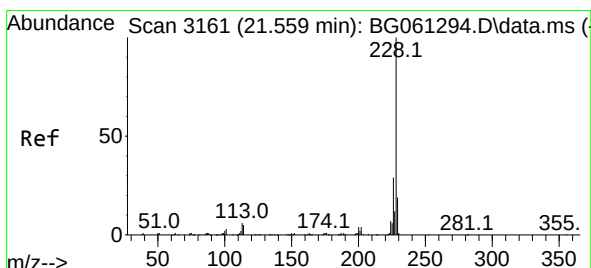
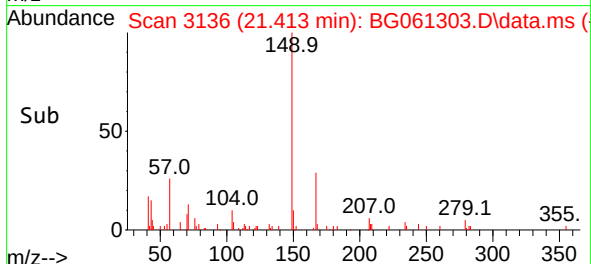
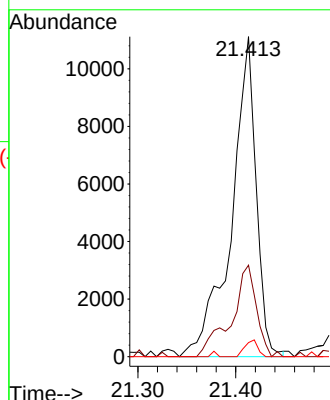
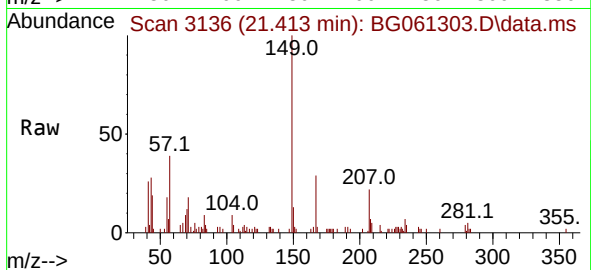
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Tgt Ion:	149	Resp:	19498
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.1	31.7
279	4.4	3.3	4.9

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#87

Chrysene

Concen: 9.390 ng/ul

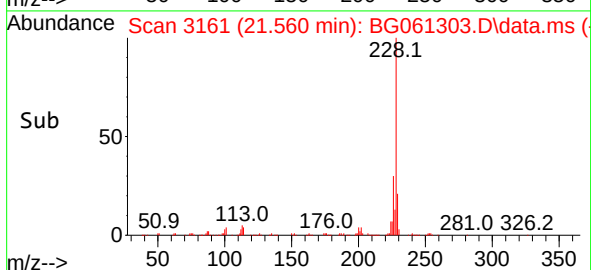
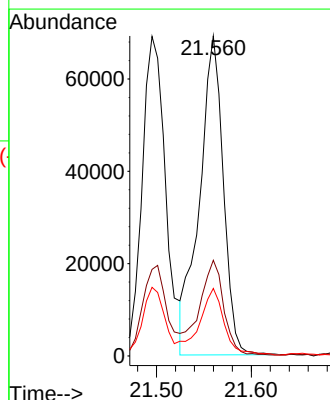
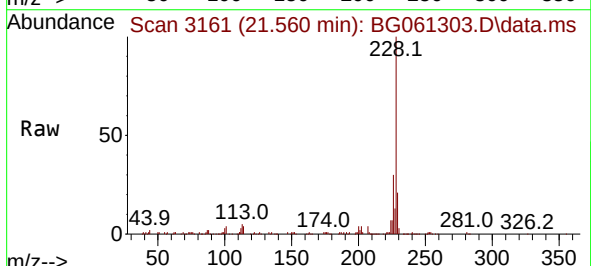
RT: 21.560 min Scan# 3161

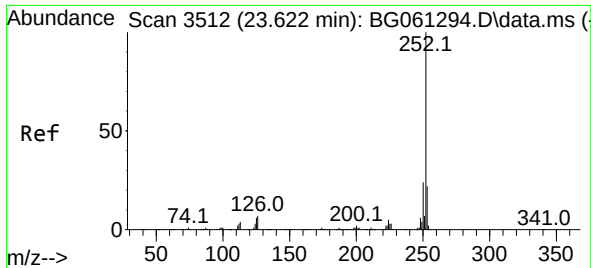
Delta R.T. -0.007 min

Lab File: BG061303.D

Acq: 28 May 2024 17:19

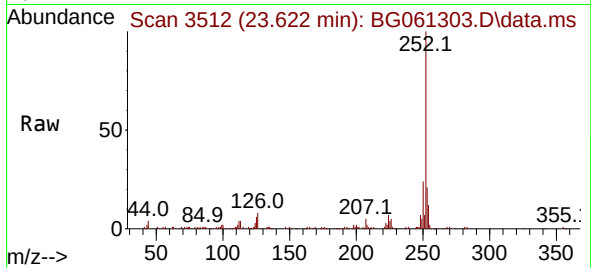
Tgt Ion:	228	Resp:	120850
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	21.1	15.4	23.2





#90
Benzo(b)fluoranthene
Concen: 12.336 ng/ul
RT: 23.622 min Scan# 3512
Delta R.T. -0.007 min
Lab File: BG061303.D
Acq: 28 May 2024 17:19

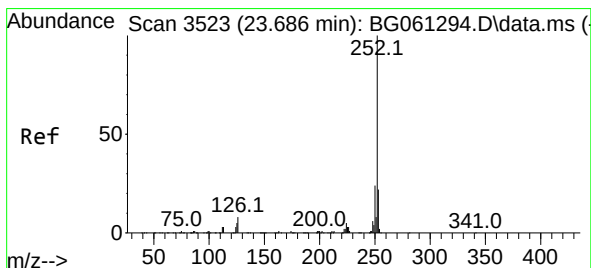
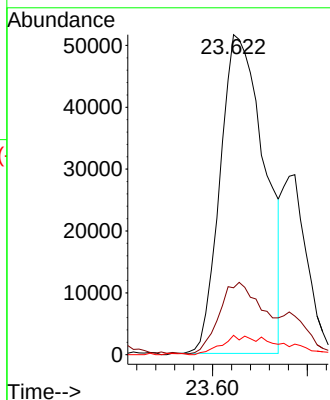
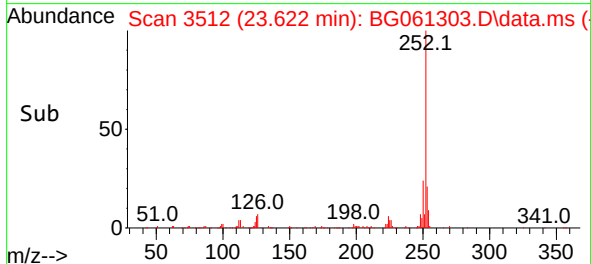
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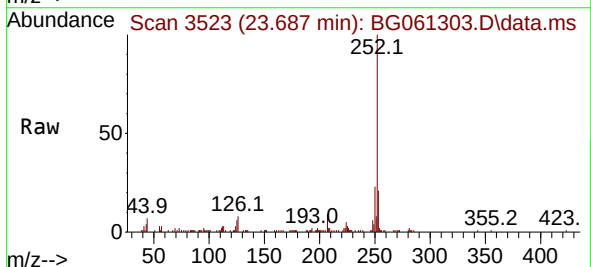
Tgt Ion:252 Resp: 166739
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.8
125 6.1 4.6 6.8

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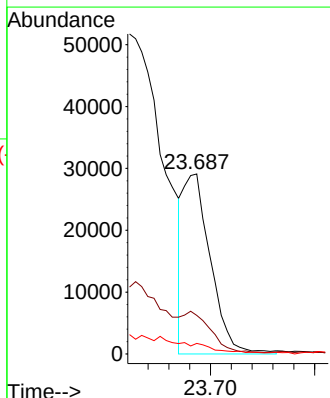
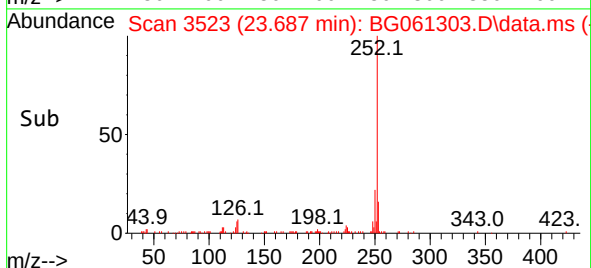
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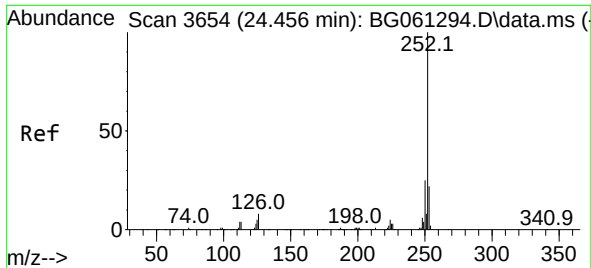


#91
Benzo(k)fluoranthene
Concen: 3.878 ng/ul m
RT: 23.687 min Scan# 3523
Delta R.T. -0.007 min
Lab File: BG061303.D
Acq: 28 May 2024 17:19



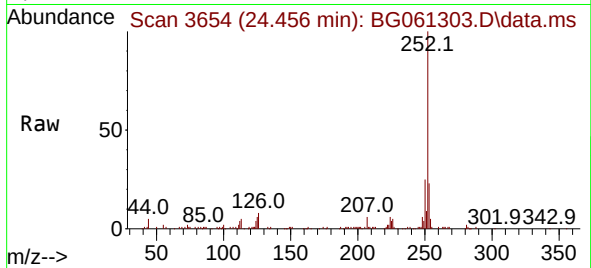
Tgt Ion:252 Resp: 53216
Ion Ratio Lower Upper
252 100
253 21.4 16.0 24.0
125 5.9 4.3 6.5





#93
Benzo(a)pyrene
Concen: 8.261 ng/ul
RT: 24.456 min Scan# 30
Delta R.T. -0.007 min
Lab File: BG061303.D
Acq: 28 May 2024 17:19

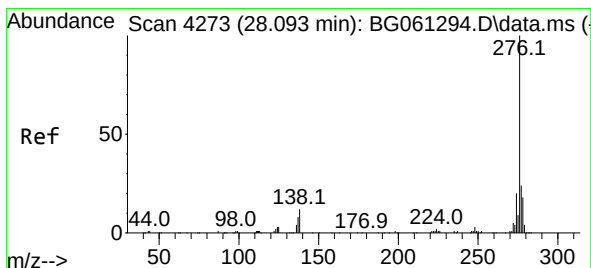
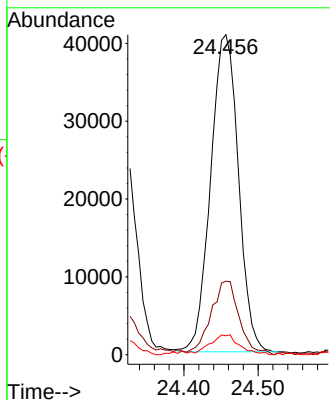
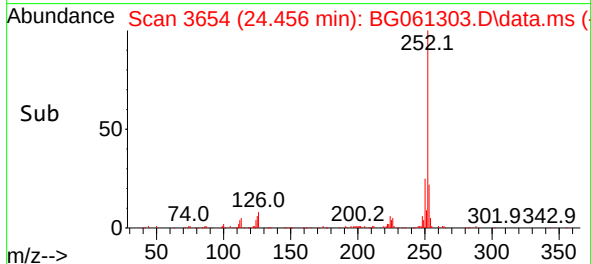
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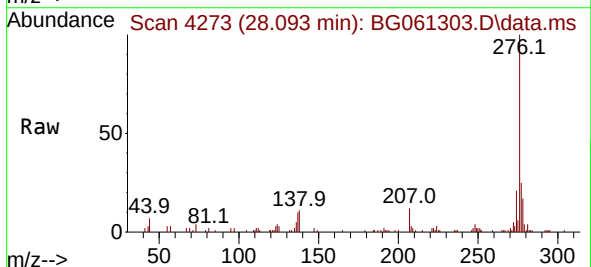
Tgt Ion:252 Resp: 106029
Ion Ratio Lower Upper
252 100
253 22.9 16.4 24.6
125 5.9 4.3 6.5

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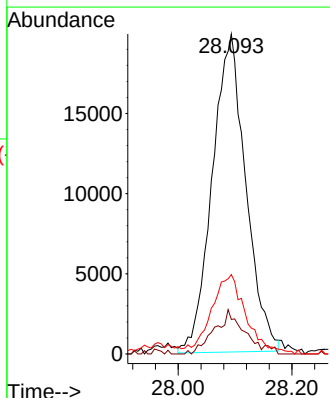
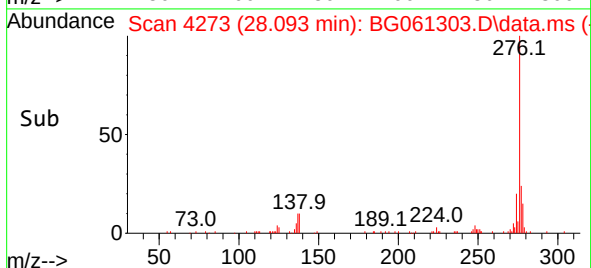
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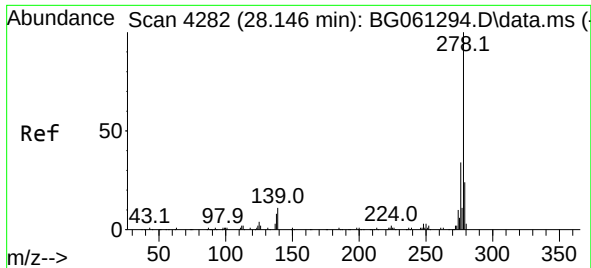


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.234 ng/ul
RT: 28.093 min Scan# 4273
Delta R.T. -0.013 min
Lab File: BG061303.D
Acq: 28 May 2024 17:19



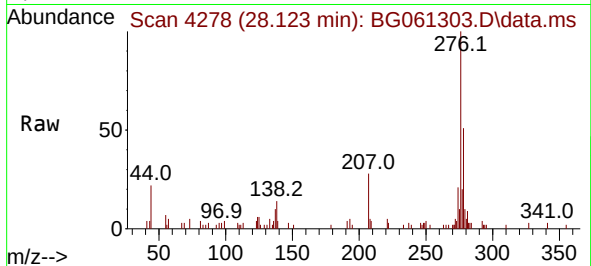
Tgt Ion:276 Resp: 81240
Ion Ratio Lower Upper
276 100
138 10.8 8.6 13.0
277 24.8 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 1.845 ng/ul m
RT: 28.123 min Scan# 41
Delta R.T. -0.036 min
Lab File: BG061303.D
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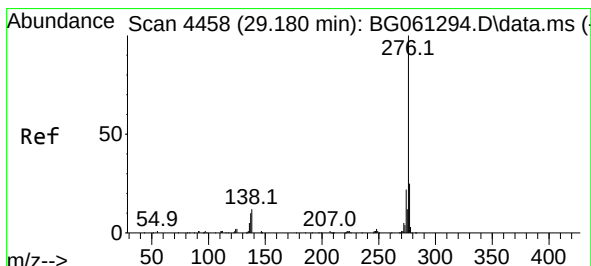
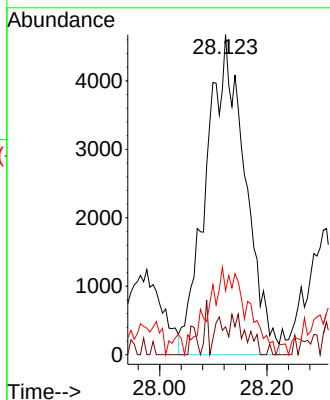
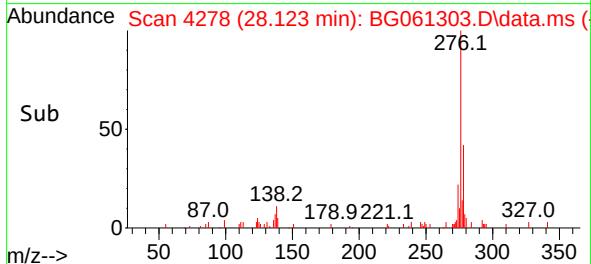
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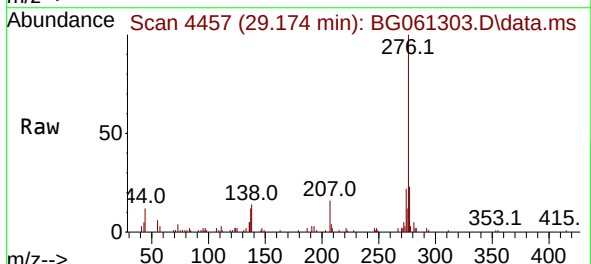
Tgt Ion:278 Resp: 2361
Ion Ratio Lower Upper
278 100
139 8.7 6.4 9.6
279 20.0 19.9 29.9

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#96
Benzo(g,h,i)perylene
Concen: 6.265 ng/ul m
RT: 29.174 min Scan# 4457
Delta R.T. -0.019 min
Lab File: BG061303.D
Acq: 28 May 2024 17:19



Tgt Ion:276 Resp: 77353
Ion Ratio Lower Upper
276 100
138 13.5 8.7 13.1#
277 23.2 18.2 27.2

