

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062265.D
 Acq On : 6 Aug 2024 10:34
 Operator : MA/JU
 Sample : P3361-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E20N9

Quant Time: Aug 06 12:23:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 02:21:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/08/2024

08/06/2024
 Supervised By :mohammad
 ahmed

08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	83810	20.000	ng/u1	0.00
20) Naphthalene-d8	10.760	136	363706	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.585	164	250440	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	513707	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	402611	20.000	ng/u1	# 0.00
88) Perylene-d12	24.706	264	471684	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	6389	3.287	ng/uL	0.00
4) Pyridine-d5	3.840	84	4980	0.814	ng/u1	0.01
7) Phenol-d5	7.118	99	136590	17.075	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.295	67	96692	19.636	ng/u1	0.00
11) 2-Chlorophenol-d4	7.494	132	103908	18.130	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	66276	9.947	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	55058	24.550	ng/u1	0.00
24) 2-Nitrophenol-d4	9.838	143	50269	23.828	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	105401	17.201	ng/u1	0.00
31) 4-Chloroaniline-d4	10.884	131	108430	12.201	ng/u1	0.00
46) Dimethylphthalate-d6	13.991	166	425814	22.037	ng/u1	0.00
49) Acenaphthylene-d8	14.273	160	477479	21.795	ng/u1	0.00
54) 4-Nitrophenol-d4	14.749	143	9943	3.676	ng/u1	-0.01
60) Fluorene-d10	15.572	176	386223	22.269	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	4436	2.916	ng/u1	0.00
73) Anthracene-d10	17.422	188	553845	22.353	ng/u1	0.00
81) Pyrene-d10	19.707	212	460345	19.237	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.489	264	270642	10.733	ng/u1	0.02
Target Compounds						
16) Acetophenone	8.781	105	29296	2.761	ng/u1	99
72) Phenanthrene	17.363	178	260604	9.013	ng/u1	98
74) Anthracene	17.451	178	42589m	1.435	ng/u1	
80) Fluoranthene	19.372	202	620580	22.935	ng/u1	100
82) Pyrene	19.737	202	324190	11.251	ng/u1	98
85) Benzo(a)anthracene	21.558	228	189016	6.411	ng/u1#	93
86) Bis(2-ethylhexyl)phtha...	21.499	149	75914	4.946	ng/u1#	79
87) Chrysene	21.622	228	170159	6.113	ng/u1#	92
90) Benzo(b)fluoranthene	23.719	252	174966	6.098	ng/u1#	40
91) Benzo(k)fluoranthene	23.772	252	80084m	2.744	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.225	276	47710	1.356	ng/u1#	68

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

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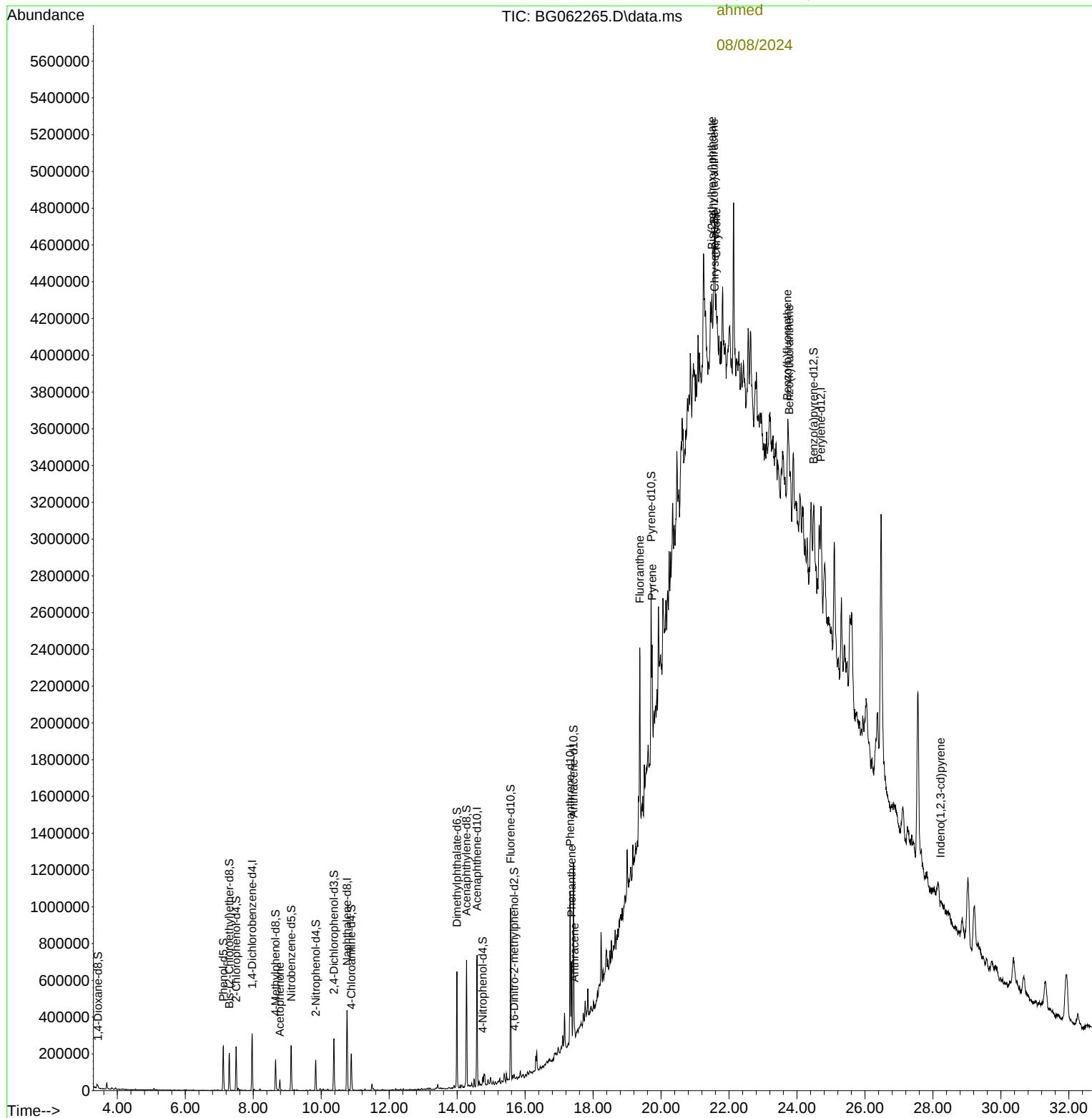
Quant Time: Aug 06 12:23:38 2024
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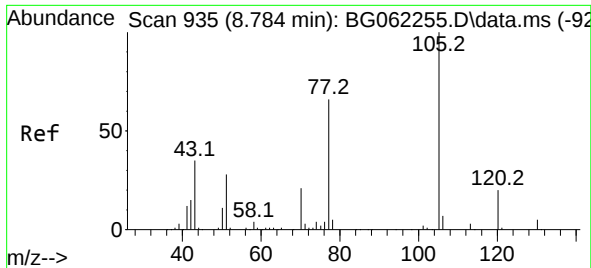
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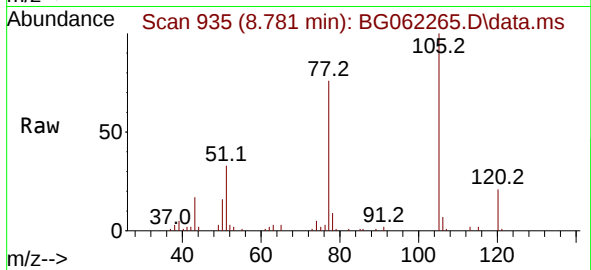
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#16
Acetophenone
Concen: 2.761 ng/ul
RT: 8.781 min Scan# 911
Delta R.T. -0.001 min
Lab File: BG062265.D
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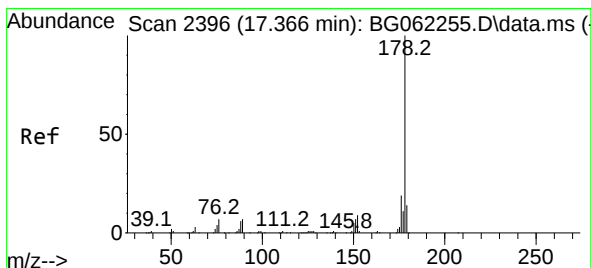
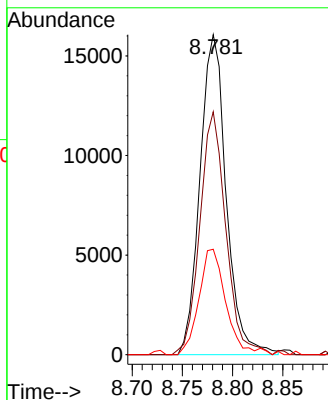
Tgt Ion:105 Resp: 29290
Ion Ratio Lower Upper
105 100
77 75.9 61.7 92.5
51 32.9 26.4 39.6

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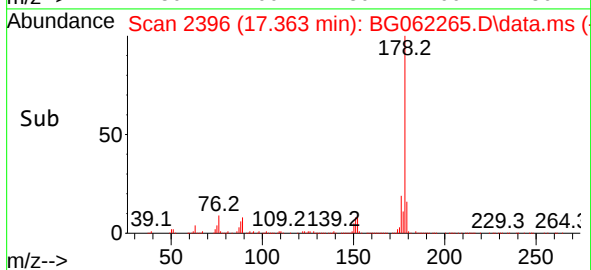
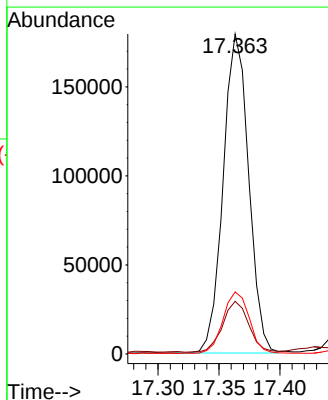
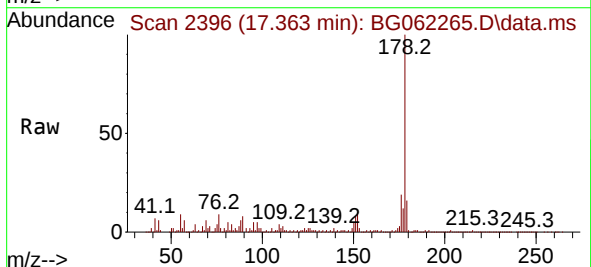
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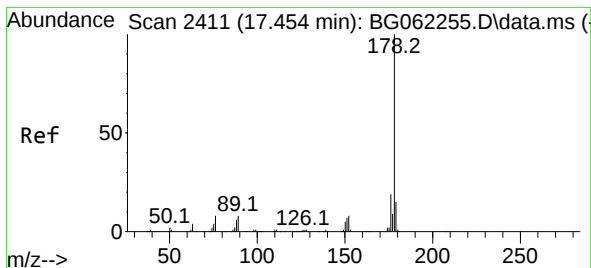
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#72
Phenanthrene
Concen: 9.013 ng/ul
RT: 17.363 min Scan# 2396
Delta R.T. -0.007 min
Lab File: BG062265.D
Acq: 6 Aug 2024 10:34

Tgt Ion:178 Resp: 260604
Ion Ratio Lower Upper
178 100
179 16.5 11.9 17.9
176 19.4 15.4 23.2





#74

Anthracene

Concen: 1.435 ng/ul m

RT: 17.451 min Scan# 2411

Delta R.T. -0.012 min

Lab File: BG062265.D

Acq: 6 Aug 2024 10:34

Instrument :

BNA_G

ClientSampleId :

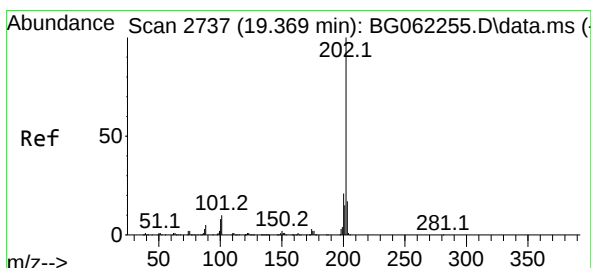
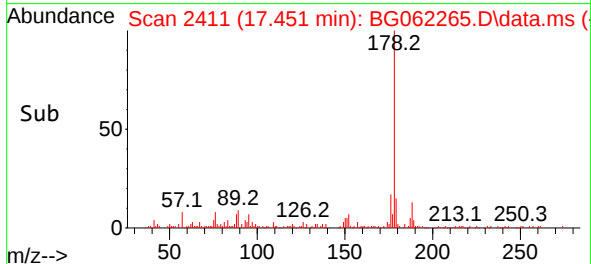
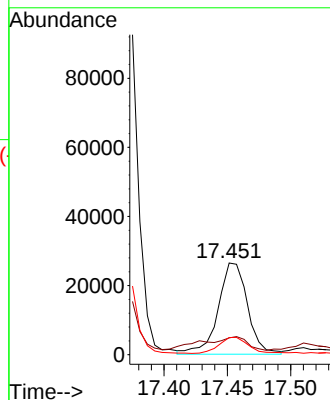
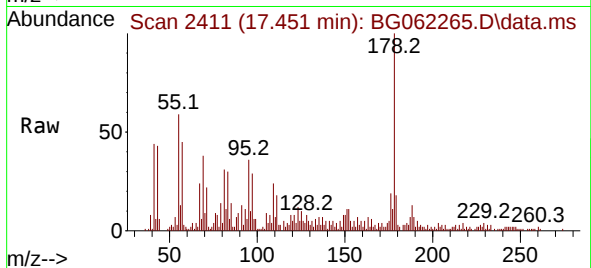
E20N9

Tgt Ion:178	Resp:	42589
Ion Ratio	Lower	Upper
178	100	
179	18.4	12.1 18.1
176	18.6	15.1 22.7

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#80

Fluoranthene

Concen: 22.935 ng/ul

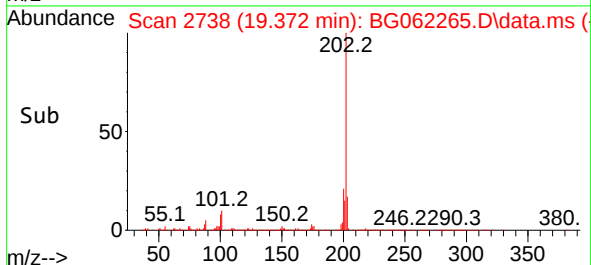
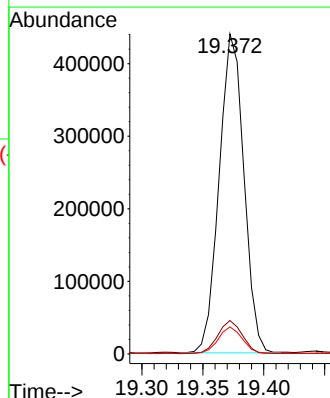
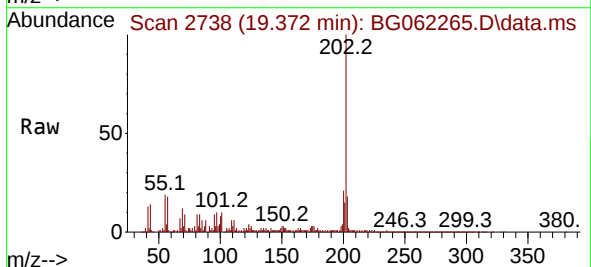
RT: 19.372 min Scan# 2738

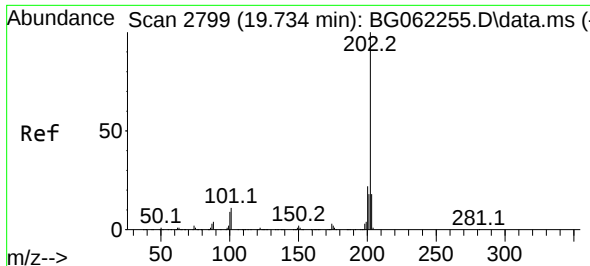
Delta R.T. -0.001 min

Lab File: BG062265.D

Acq: 6 Aug 2024 10:34

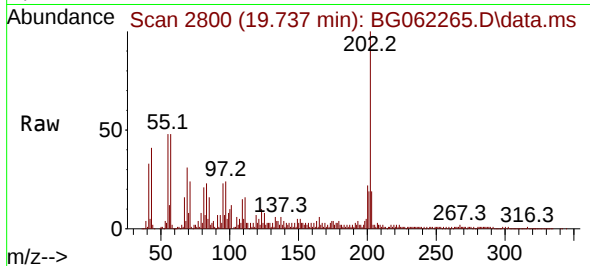
Tgt Ion:202	Resp:	620580
Ion Ratio	Lower	Upper
202	100	
101	10.5	8.4 12.6
100	8.4	6.6 9.8





#82
Pyrene
Concen: 11.251 ng/ul
RT: 19.737 min Scan# 2799
Delta R.T. -0.001 min
Lab File: BG062265.D
Acq: 6 Aug 2024 10:34

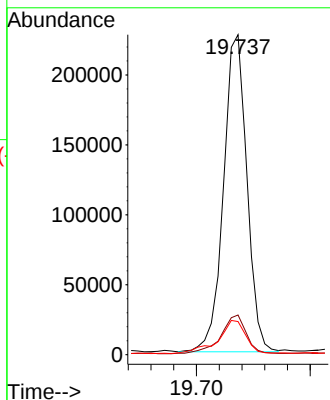
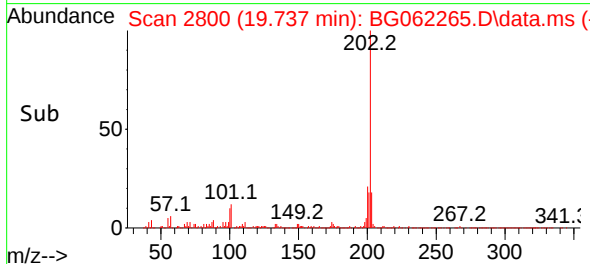
Instrument :
BNA_G
ClientSampleId :
E20N9



Tgt Ion:202 Resp: 324190
Ion Ratio Lower Upper
202 100
101 12.4 9.0 13.4
100 10.3 7.8 11.8

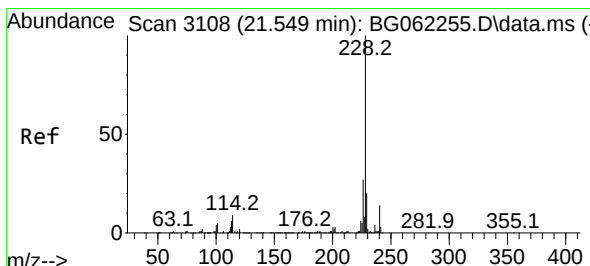
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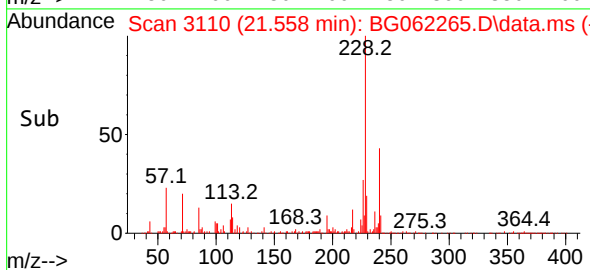
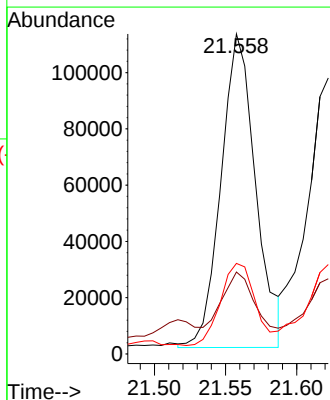
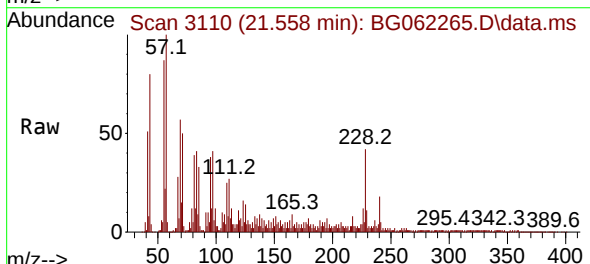
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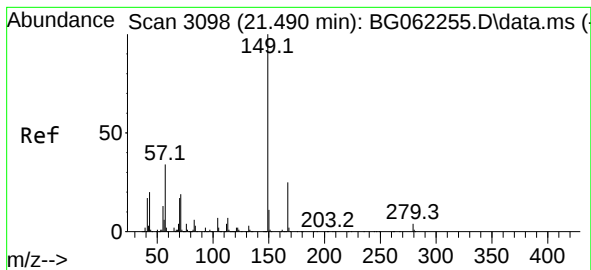
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#85
Benzo(a)anthracene
Concen: 6.411 ng/ul
RT: 21.558 min Scan# 3110
Delta R.T. 0.005 min
Lab File: BG062265.D
Acq: 6 Aug 2024 10:34

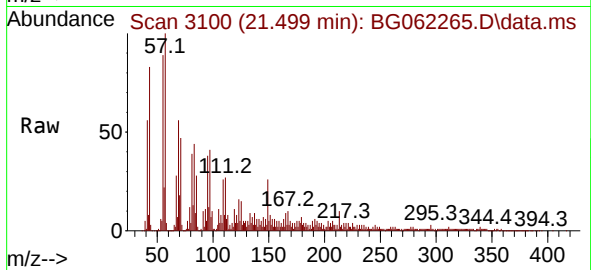
Tgt Ion:228 Resp: 189016
Ion Ratio Lower Upper
228 100
229 25.6 16.0 24.0#
226 28.3 21.6 32.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.946 ng/ul
RT: 21.499 min Scan# 3100
Delta R.T. -0.001 min
Lab File: BG062265.D
Acq: 6 Aug 2024 10:34

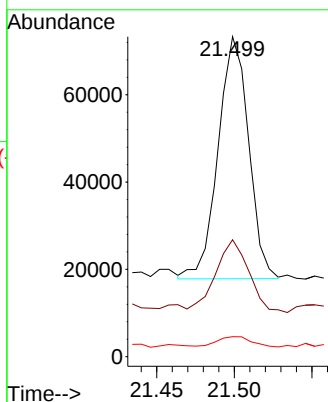
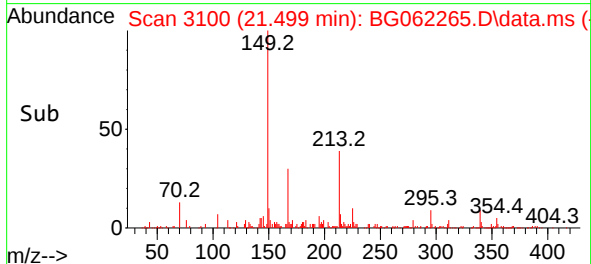
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:149 Resp: 75914
Ion Ratio Lower Upper
149 100
167 36.5 19.9 29.9
279 6.2 3.2 4.8

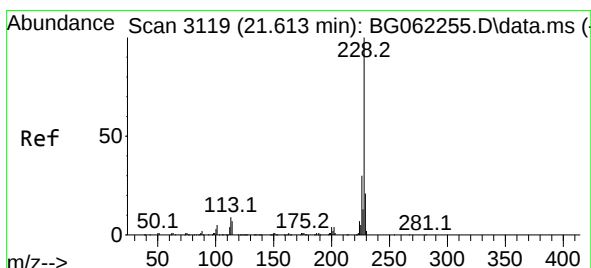
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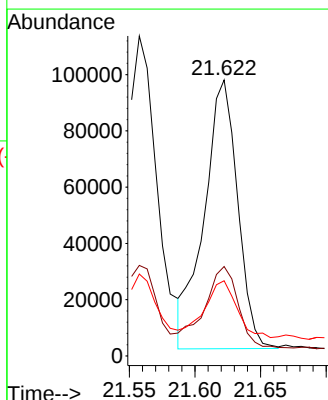
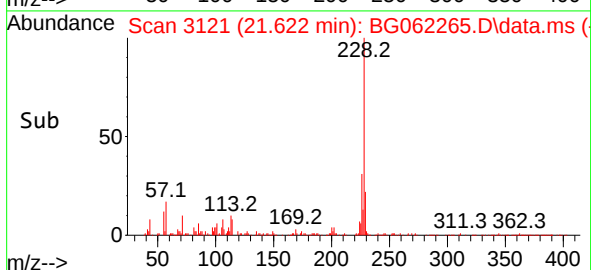
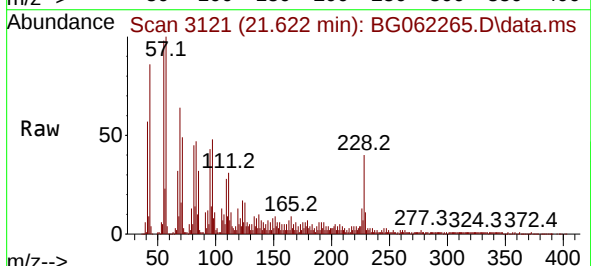
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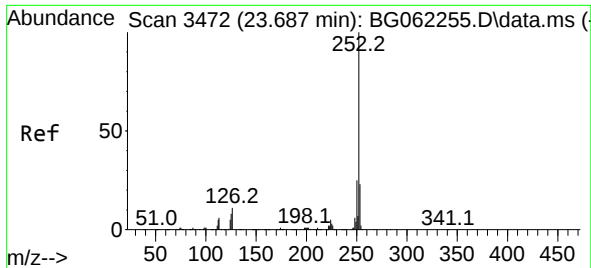
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#87
Chrysene
Concen: 6.113 ng/ul
RT: 21.622 min Scan# 3121
Delta R.T. 0.005 min
Lab File: BG062265.D
Acq: 6 Aug 2024 10:34

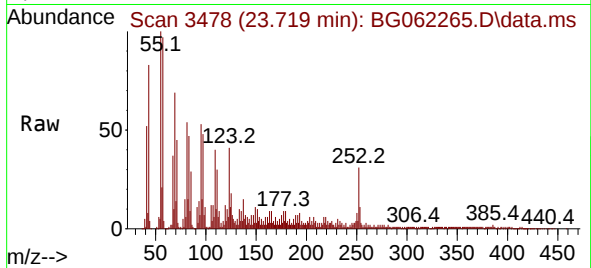
Tgt Ion:228 Resp: 170159
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 27.3 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 6.098 ng/ul
RT: 23.719 min Scan# 3478
Delta R.T. 0.023 min
Lab File: BG062265.D
Acq: 6 Aug 2024 10:34

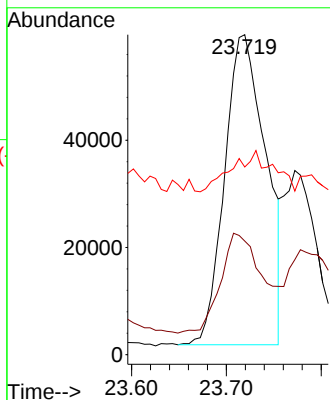
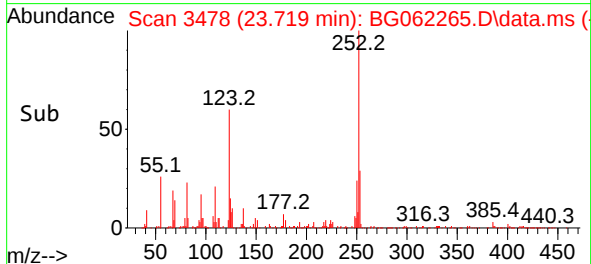
Instrument :
BNA_G
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Tgt Ion:252 Resp: 174960
Ion Ratio Lower Upper
252 100
253 35.5 17.7 26.5
125 58.7 7.3 10.9

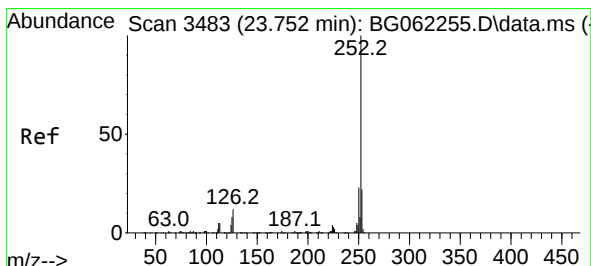
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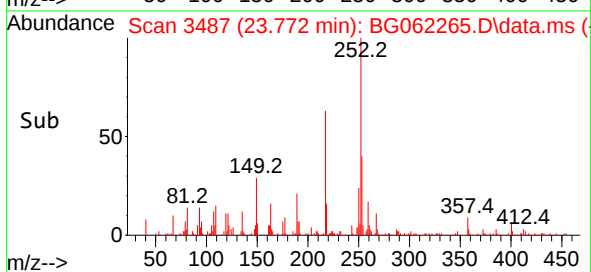
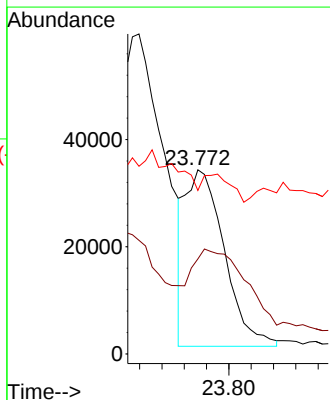
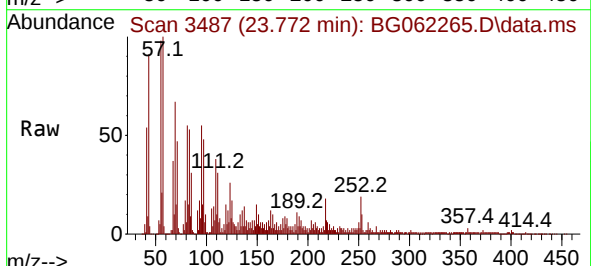
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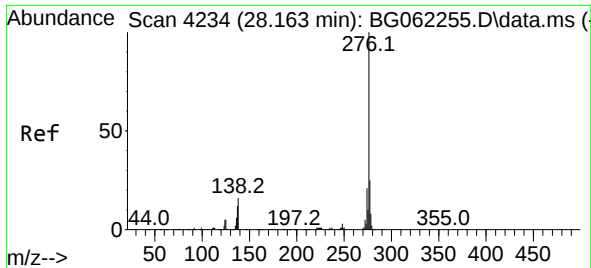
08/08/2024



#91
Benzo(k)fluoranthene
Concen: 2.744 ng/ul m
RT: 23.772 min Scan# 3487
Delta R.T. 0.011 min
Lab File: BG062265.D
Acq: 6 Aug 2024 10:34

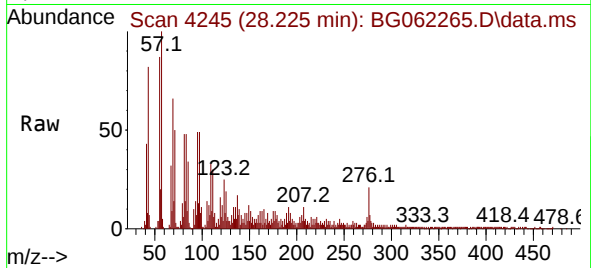
Tgt Ion:252 Resp: 80084
Ion Ratio Lower Upper
252 100
253 51.6 17.4 26.0#
125 88.8 6.8 10.2#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.356 ng/ul
 RT: 28.225 min Scan# 41
 Delta R.T. 0.046 min
 Lab File: BG062265.D
 Acq: 6 Aug 2024 10:34

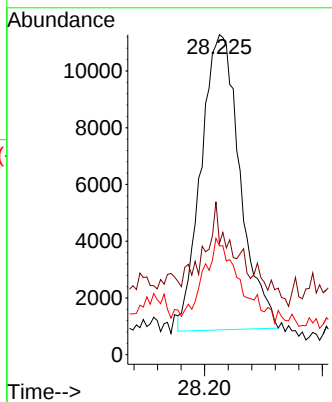
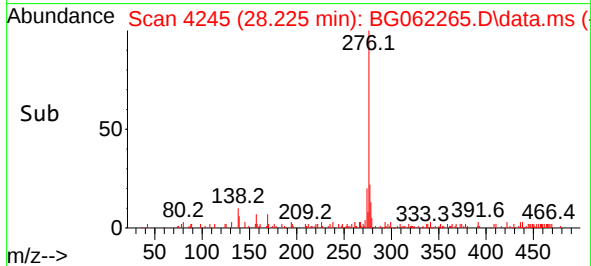
Instrument :
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Tgt Ion:	276	Resp:	47710
Ion Ratio	Lower	Upper	
276	100		
138	34.8	12.4	18.6
277	34.0	18.5	27.7

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