

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052824\
 Data File : BG061307.D
 Acq On : 28 May 2024 20:03
 Operator : MA/JU
 Sample : P2568-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH637

Manual Integrations
 APPROVED

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

Quant Time: May 28 23:06:52 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	7.882	152	27543	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	119102	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	95482	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	225829	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	219644	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	251875	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2799	5.687	ng/uL	0.00
4) Pyridine-d5	3.746	84	44001	25.130	ng/u1	0.00
7) Phenol-d5	7.059	99	74012	32.722	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	44253	31.128	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	56961	34.028	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	63233	32.786	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	29905	32.612	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	36005	33.549	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.309	165	72533	34.668	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	84639	30.921	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	266336	35.965	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	295791	38.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	33266	36.335	ng/u1	0.00
60) Fluorene-d10	15.508	176	236580	37.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	41657	30.499	ng/u1	0.00
73) Anthracene-d10	17.365	188	388027	38.974	ng/u1	0.00
81) Pyrene-d10	19.656	212	456696	40.495	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	472435	39.015	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	53091	4.844	ng/u1	98
80) Fluoranthene	19.321	202	170081	12.571	ng/u1	99
82) Pyrene	19.686	202	158744	11.304	ng/u1	99
83) Butylbenzylphthalate	20.573	149	13370	2.771	ng/u1	94
85) Benzo(a)anthracene	21.495	228	95366	6.292	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	59351	8.311	ng/u1	95
87) Chrysene	21.560	228	101263	7.256	ng/u1	97
90) Benzo(b)fluoranthene	23.628	252	142097	9.475	ng/u1	99
91) Benzo(k)fluoranthene	23.675	252	45242m	2.972	ng/u1	
93) Benzo(a)pyrene	24.457	252	94782	6.656	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.082	276	67233m	3.904	ng/u1	
95) Dibenzo(a,h)anthracene	28.123	278	20592m	1.450	ng/u1	
96) Benzo(g,h,i)perylene	29.175	276	64386	4.700	ng/u1	96

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

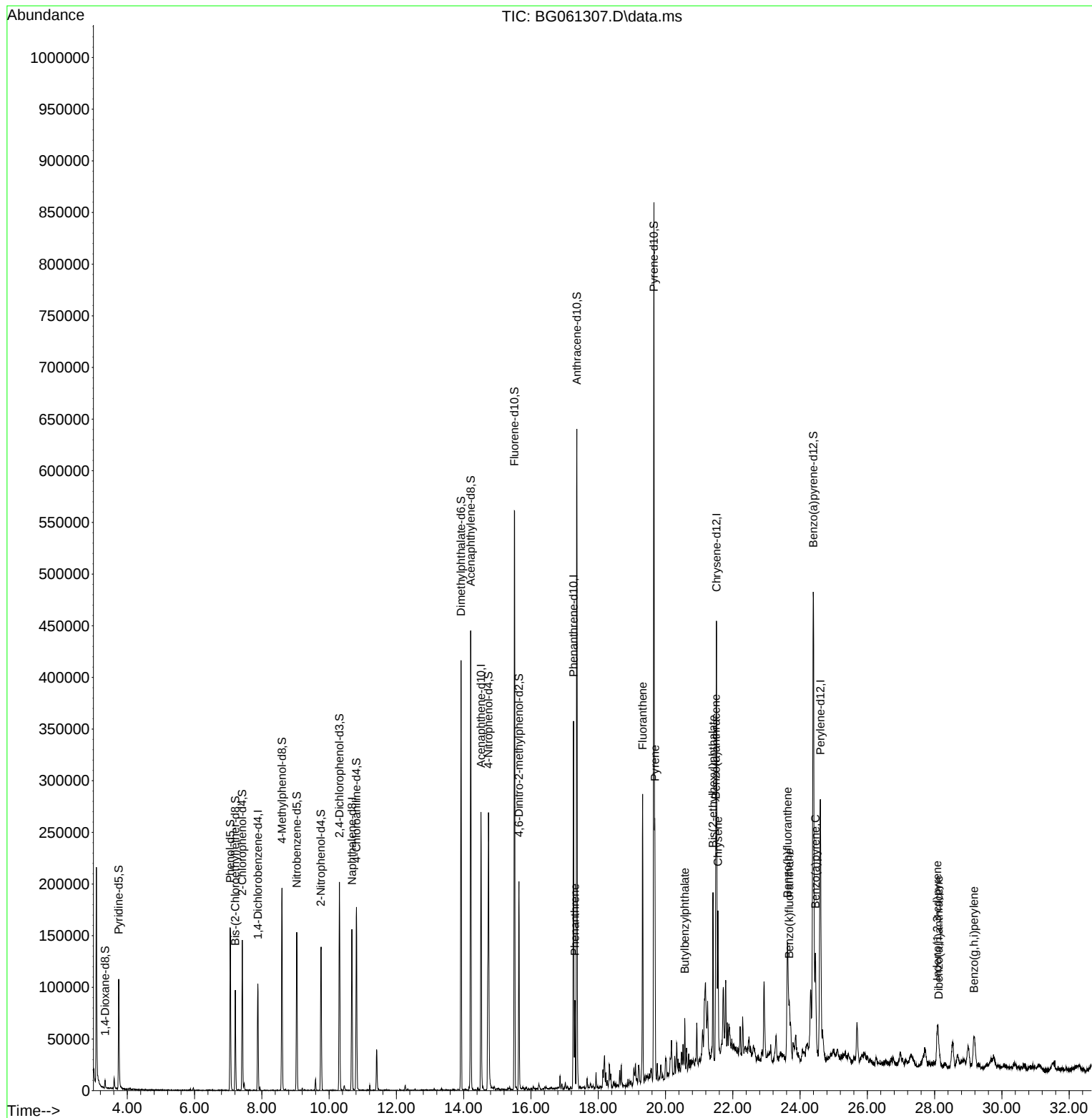
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 Data File : BG061307.D
 Acq On : 28 May 2024 20:03
 Operator : MA/JU
 Sample : P2568-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

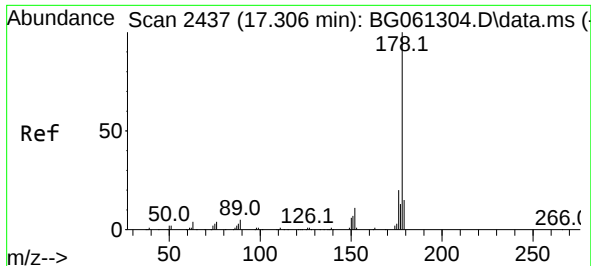
Instrument :
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 Quant Title : SVOA CALIBRATION
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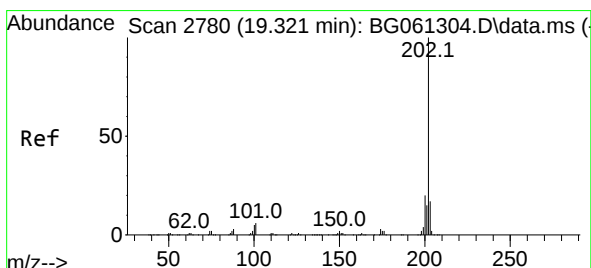
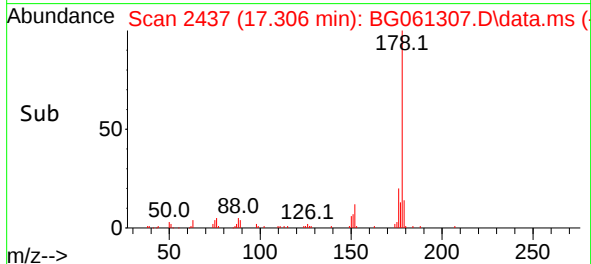
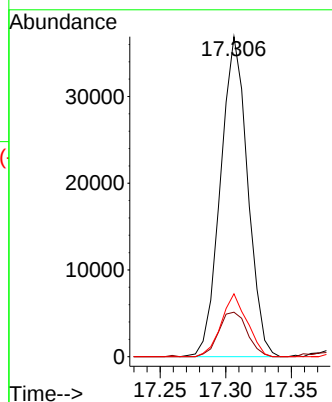
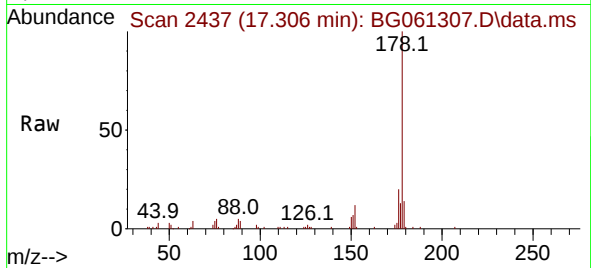
#72
Phenanthrene
Concen: 4.844 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

Instrument :
BNA_G
ClientSampleId :
BH637

Tgt Ion:178 Resp: 53091
Ion Ratio Lower Upper
178 100
179 13.9 12.7 19.1
176 19.7 15.5 23.3

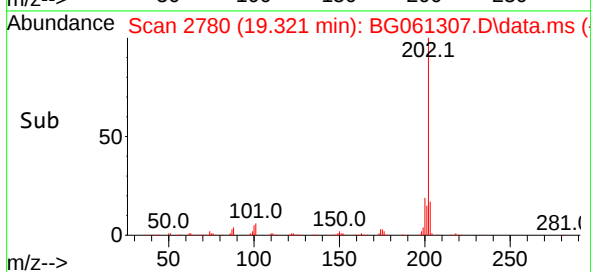
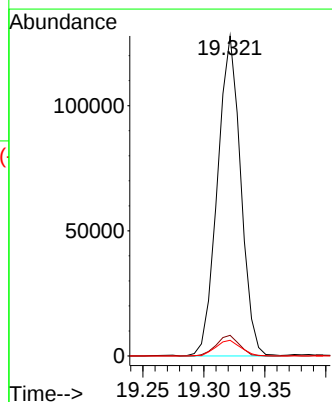
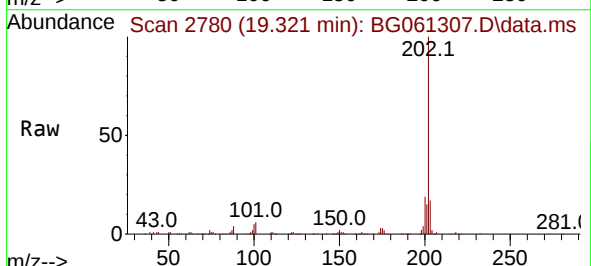
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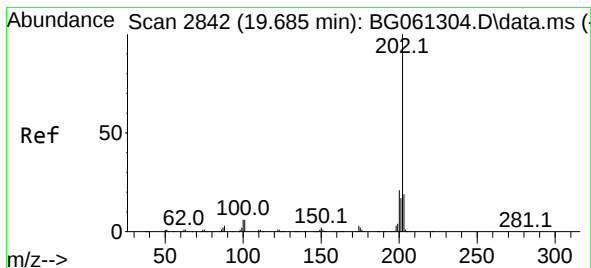
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#80
Fluoranthene
Concen: 12.571 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. -0.007 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

Tgt Ion:202 Resp: 170081
Ion Ratio Lower Upper
202 100
101 6.4 4.8 7.2
100 4.9 4.1 6.1





#82

Pyrene

Concen: 11.304 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

Instrument :

BNA_G

ClientSampleId :

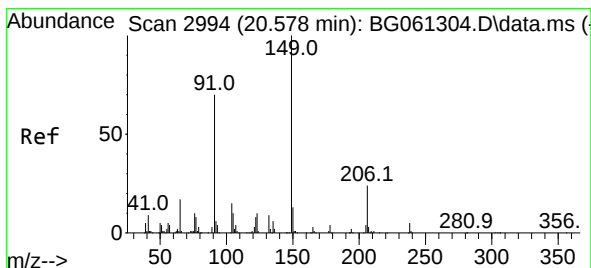
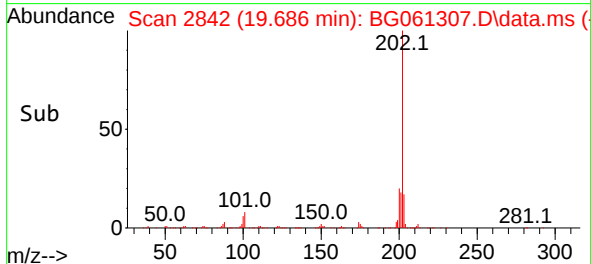
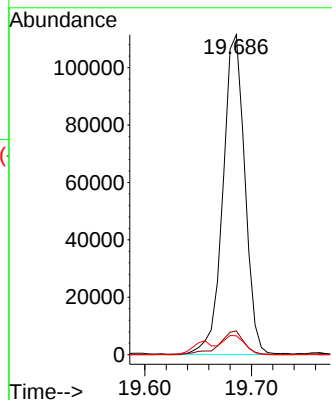
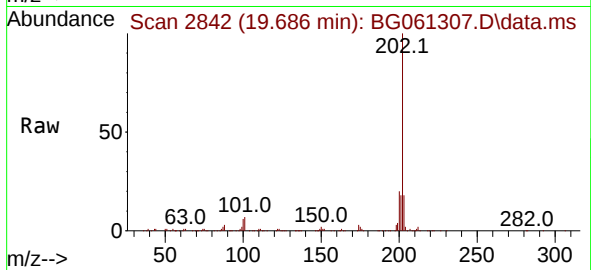
BH637

Tgt Ion:	202	Resp:	158744
Ion Ratio	Lower	Upper	
202	100		
101	7.5	5.7	8.5
100	5.9	5.1	7.7

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#83

Butylbenzylphthalate

Concen: 2.771 ng/ul

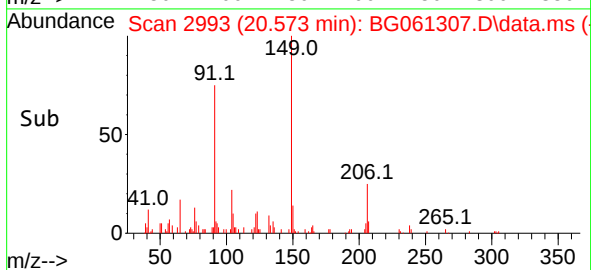
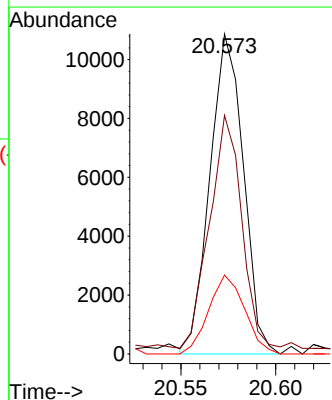
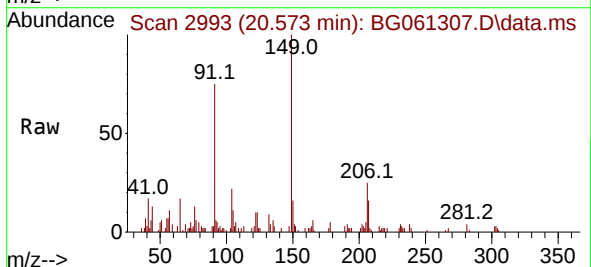
RT: 20.573 min Scan# 2993

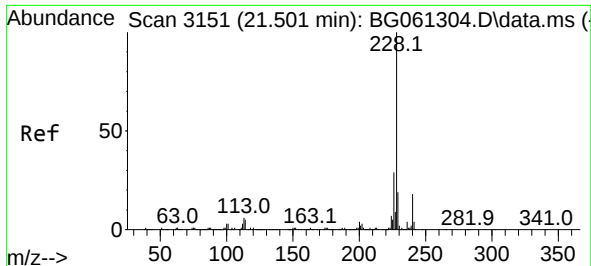
Delta R.T. -0.007 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

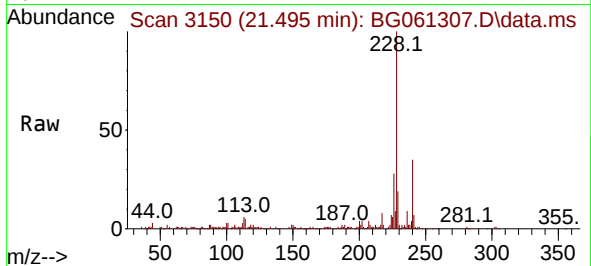
Tgt Ion:	149	Resp:	13370
Ion Ratio	Lower	Upper	
149	100		
91	74.5	54.8	82.2
206	24.6	19.4	29.0





#85
Benzo(a)anthracene
Concen: 6.292 ng/ul
RT: 21.495 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

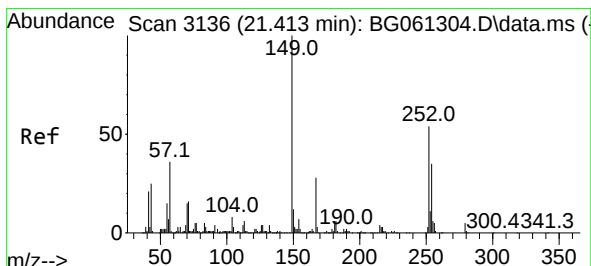
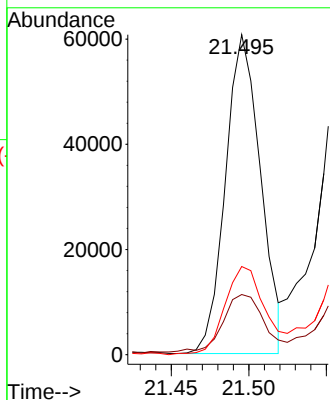
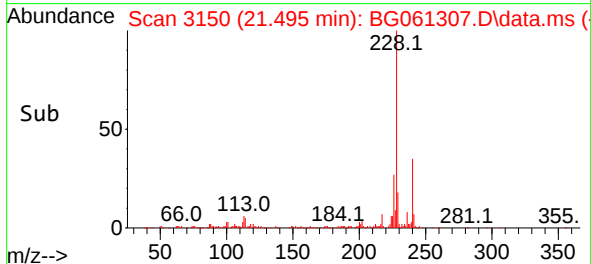
Instrument :
BNA_G
ClientSampleId :
BH637



Tgt Ion:228 Resp: 95360
Ion Ratio Lower Upper
228 100
229 18.8 15.2 22.8
226 27.6 21.4 32.2

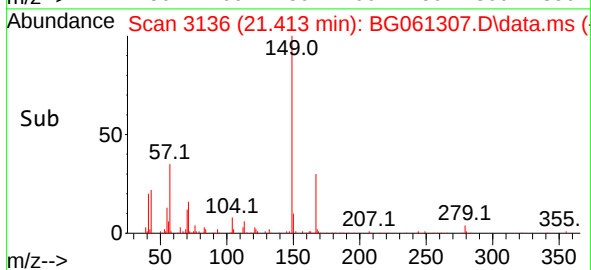
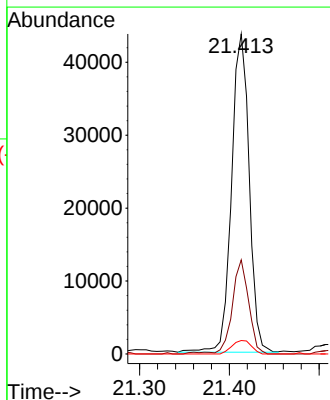
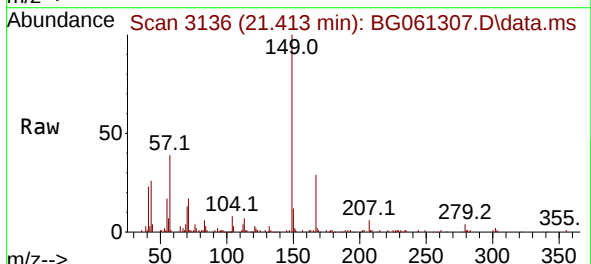
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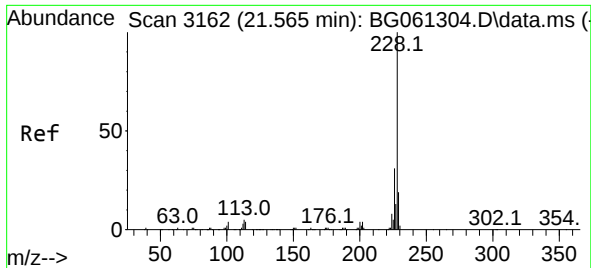
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 8.311 ng/ul
RT: 21.413 min Scan# 3136
Delta R.T. -0.001 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

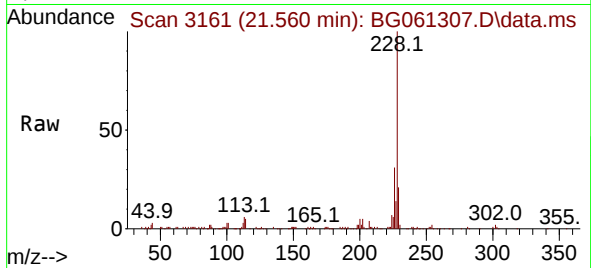
Tgt Ion:149 Resp: 59351
Ion Ratio Lower Upper
149 100
167 29.4 21.1 31.7
279 4.2 3.3 4.9





#87
Chrysene
Concen: 7.256 ng/ul
RT: 21.560 min Scan# 3162
Delta R.T. -0.007 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

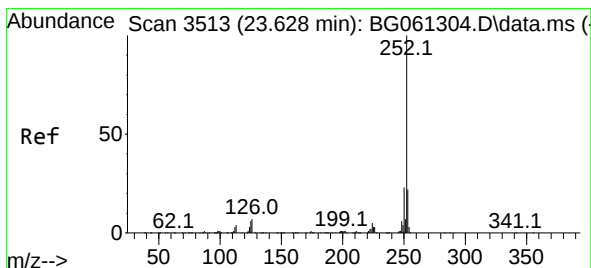
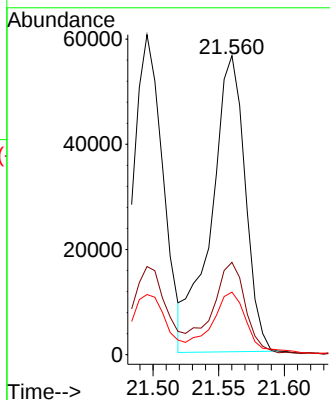
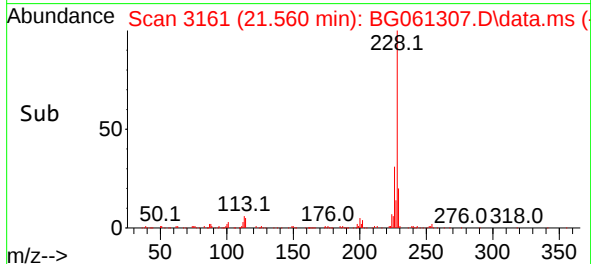
Instrument :
BNA_G
ClientSampleId :
BH637



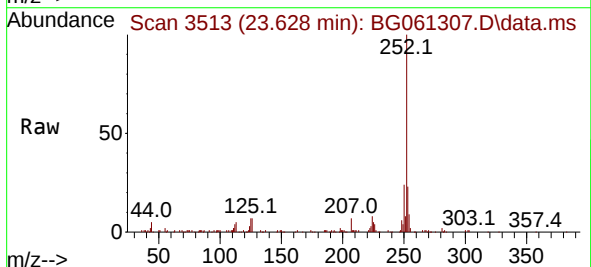
Tgt Ion:228 Resp: 10126
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.0
229 20.9 15.4 23.2

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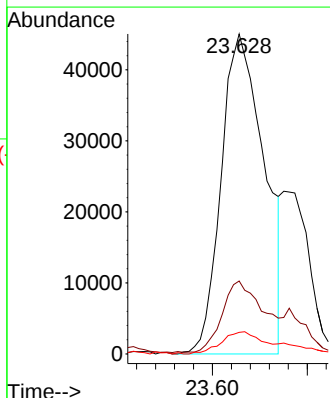
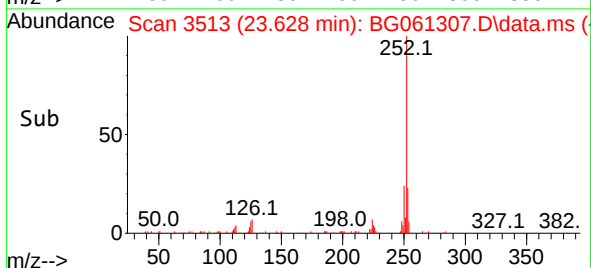
Reviewed By :Jagrut Upadhyay 05/29/2024
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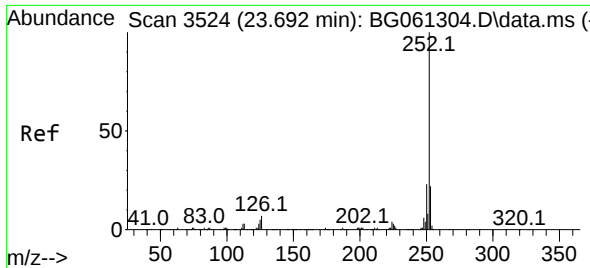


#90
Benzo(b)fluoranthene
Concen: 9.475 ng/ul
RT: 23.628 min Scan# 3513
Delta R.T. -0.001 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03



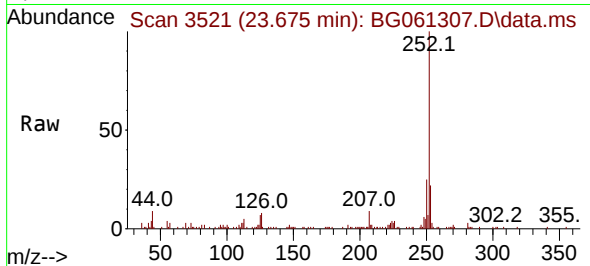
Tgt Ion:252 Resp: 142097
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 6.8 4.6 6.8





#91
Benzo(k)fluoranthene
Concen: 2.972 ng/ul m
RT: 23.675 min Scan# 3524
Delta R.T. -0.018 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

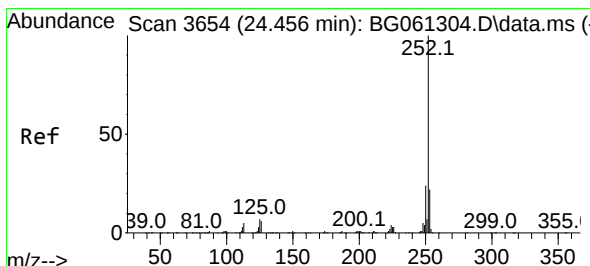
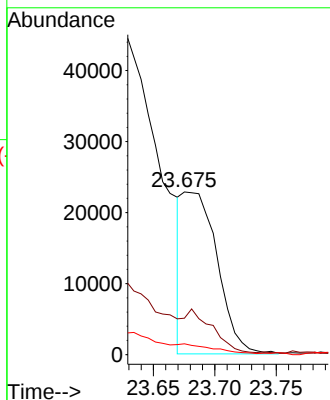
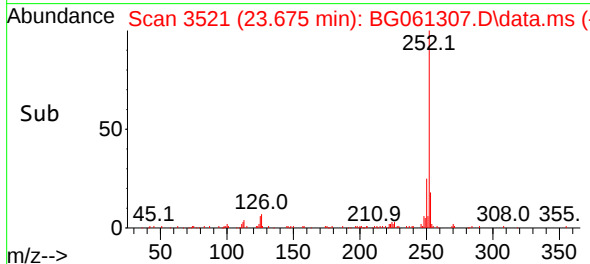
Instrument :
BNA_G
ClientSampleId :
BH637



Tgt Ion:252 Resp: 4524
Ion Ratio Lower Upper
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253 22.5 16.0 24.0
125 6.7 4.3 6.5

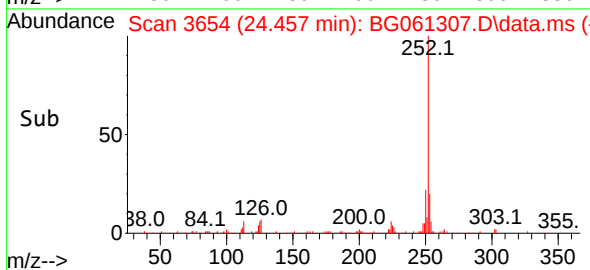
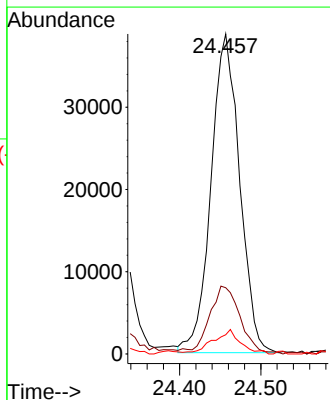
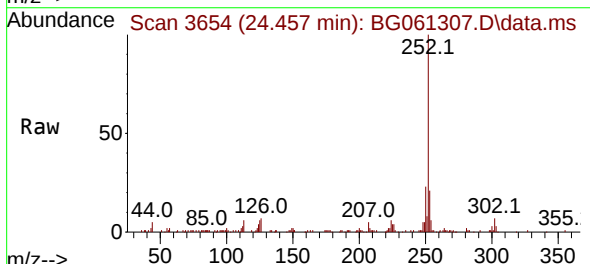
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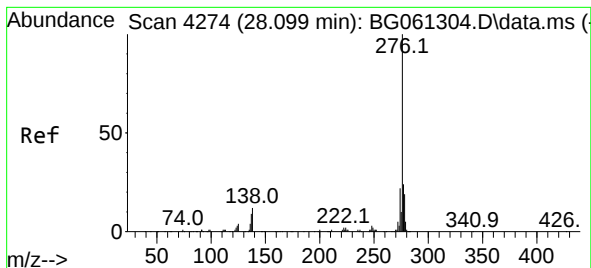
Reviewed By :Jagrut Upadhyay 05/29/2024
Supervised By :mohammad ahmed 05/30/2024



#93
Benzo(a)pyrene
Concen: 6.656 ng/ul
RT: 24.457 min Scan# 3654
Delta R.T. -0.007 min
Lab File: BG061307.D
Acq: 28 May 2024 20:03

Tgt Ion:252 Resp: 94782
Ion Ratio Lower Upper
252 100
253 20.7 16.4 24.6
125 6.0 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.904 ng/ul m

RT: 28.082 min Scan# 41

Delta R.T. -0.024 min

Lab File: BG061307.D

Acq: 28 May 2024 20:03

Instrument :

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ClientSampleId :

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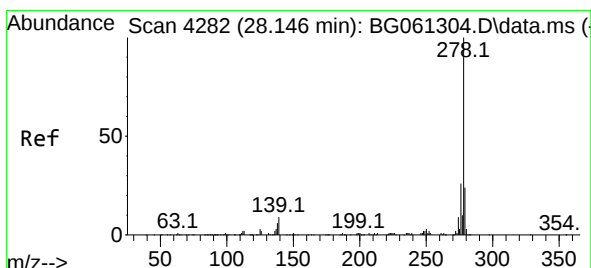
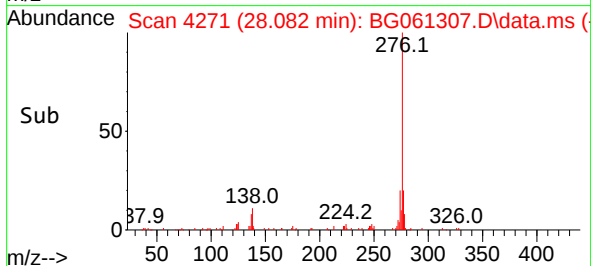
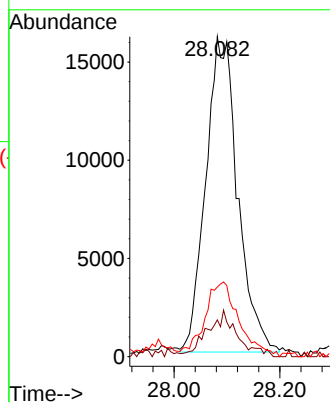
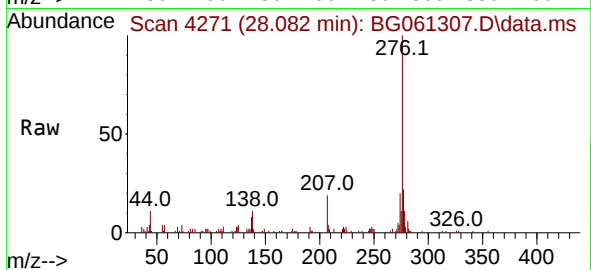
Tgt Ion:276 Resp: 6723

Ion	Ratio	Lower	Upper
276	100		
138	11.5	8.6	13.0
277	21.7	19.7	29.5

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#95

Dibenzo(a,h)anthracene

Concen: 1.450 ng/ul m

RT: 28.123 min Scan# 4278

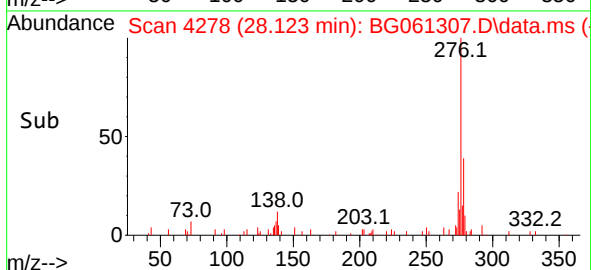
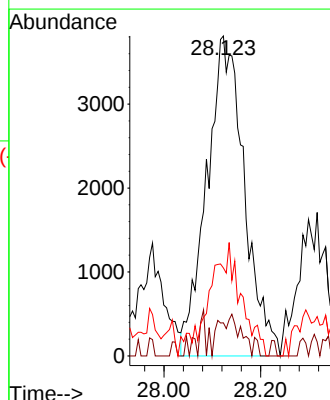
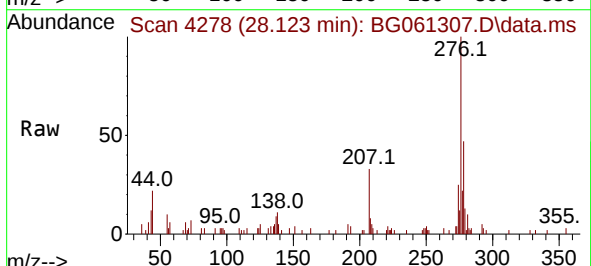
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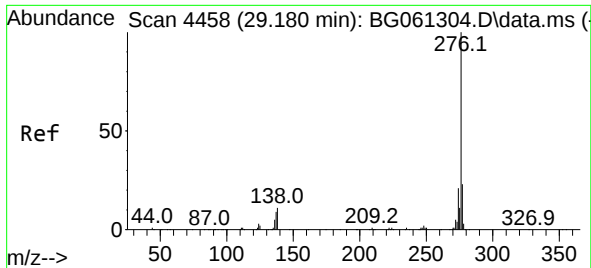
Lab File: BG061307.D

Acq: 28 May 2024 20:03

Tgt Ion:278 Resp: 20592

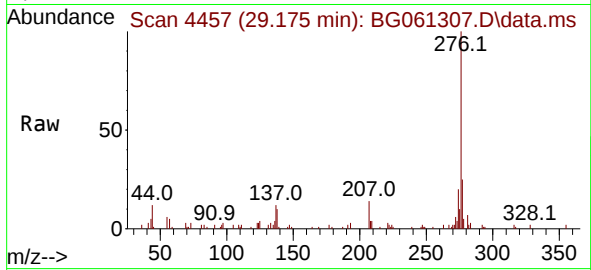
Ion	Ratio	Lower	Upper
278	100		
139	10.3	6.4	9.6
279	27.5	19.9	29.9





#96
 Benzo(g,h,i)perylene
 Concen: 4.700 ng/ul
 RT: 29.175 min Scan# 44
 Delta R.T. -0.018 min
 Lab File: BG061307.D
 Acq: 28 May 2024 20:03

Instrument :
 BNA_G
 ClientSampleId :
 BH637



Tgt Ion:276 Resp: 64380
 Ion Ratio Lower Upper
 276 100
 138 10.3 8.7 13.1
 277 25.5 18.2 27.2

Manual Integrations
 APPROVED

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

