

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061326.D
 Acq On : 29 May 2024 13:13
 Operator : MA/JU
 Sample : P2568-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 13:47:51 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	7.881	152	25670	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	110601	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.515	164	83963	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	187958	20.000	ng/u1	0.00
79) Chrysene-d12	21.513	240	192581	20.000	ng/u1	0.00
88) Perylene-d12	24.597	264	218214	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1273	2.775	ng/uL	0.00
4) Pyridine-d5	3.751	84	4607	2.823	ng/u1	0.00
7) Phenol-d5	7.059	99	30259	14.354	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	20276	15.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	25617	16.420	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	22200	12.350	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	13514	15.870	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	15533	15.586	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.308	165	31863	16.400	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	24582	9.671	ng/u1	0.00
46) Dimethylphthalate-d6	13.921	166	107651	16.531	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	120156	17.748	ng/u1	0.00
54) 4-Nitrophenol-d4	14.750	143	6873m	8.537	ng/u1	0.00
60) Fluorene-d10	15.508	176	95676	17.018	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	10008	8.804	ng/u1	0.00
73) Anthracene-d10	17.359	188	154952	18.699	ng/u1	0.00
81) Pyrene-d10	19.650	212	184501	18.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	198423	18.914	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	53728	5.889	ng/u1	99
78) Di-n-butylphthalate	18.228	149	10130	1.054	ng/u1#	98
80) Fluoranthene	19.321	202	189518	15.977	ng/u1	99
82) Pyrene	19.679	202	177694	14.431	ng/u1	99
85) Benzo(a)anthracene	21.495	228	115013	8.655	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.413	149	33743	5.389	ng/u1#	99
87) Chrysene	21.560	228	121975	9.969	ng/u1	96
90) Benzo(b)fluoranthene	23.628	252	177482	13.661	ng/u1	99
91) Benzo(k)fluoranthene	23.681	252	53775m	4.077	ng/u1	
93) Benzo(a)pyrene	24.450	252	111355	9.026	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	28.093	276	83011	5.564	ng/u1#	95
95) Dibenzo(a,h)anthracene	28.134	278	26090m	2.121	ng/u1	
96) Benzo(g,h,i)perylene	29.186	276	72461	6.105	ng/u1	98

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

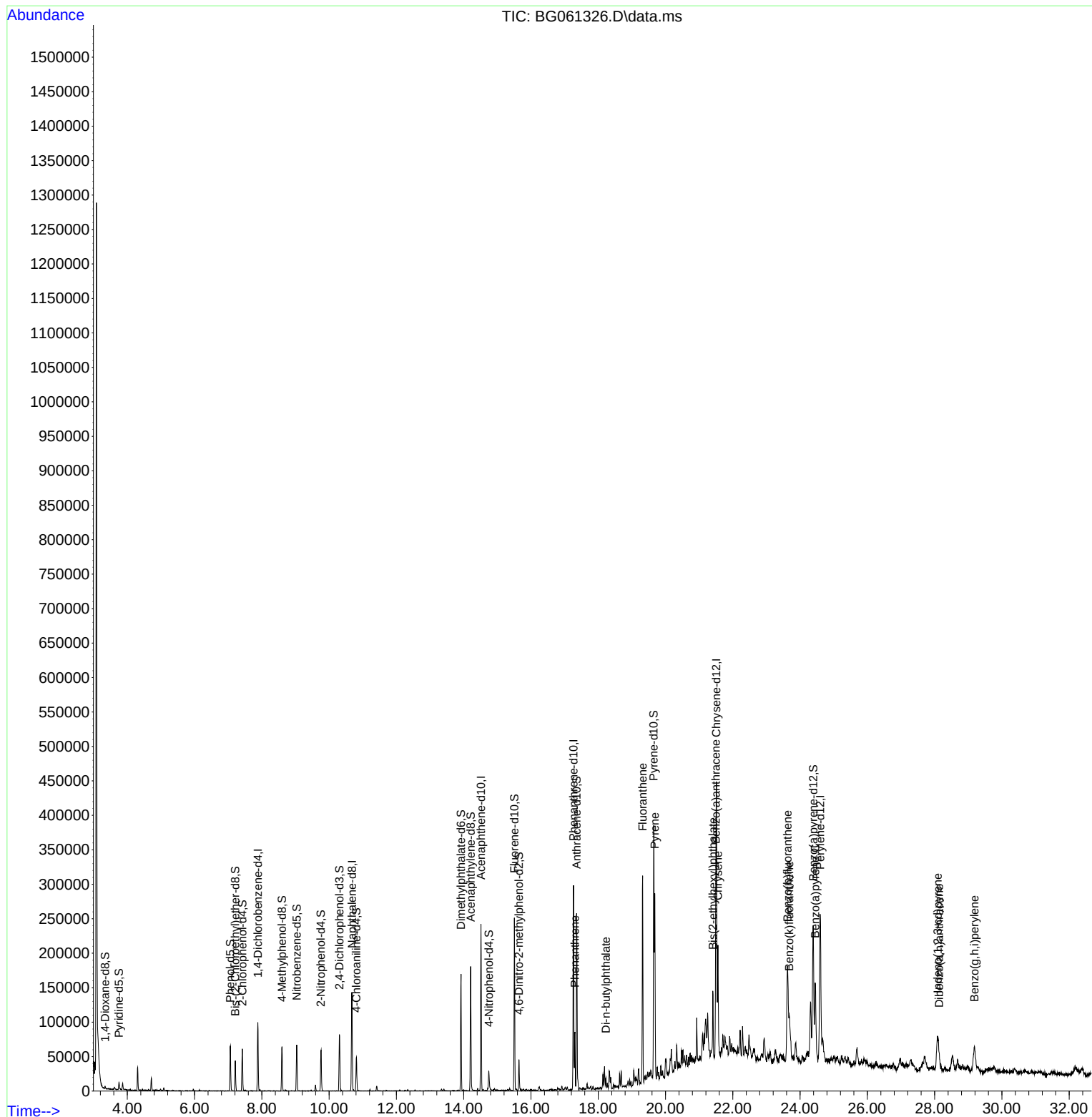
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061326.D
Acq On : 29 May 2024 13:13
Operator : MA/JU
Sample : P2568-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

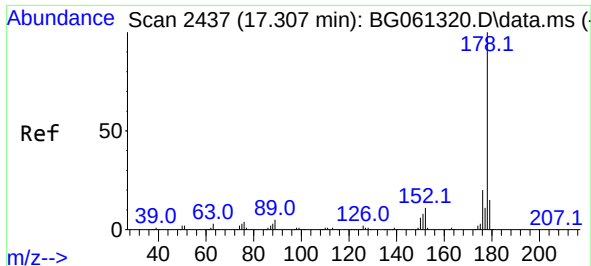
Instrument :
BNA_G
ClientSampleId :
BH5Q5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 29 13:47:51 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





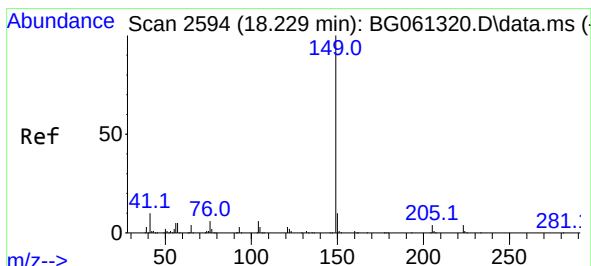
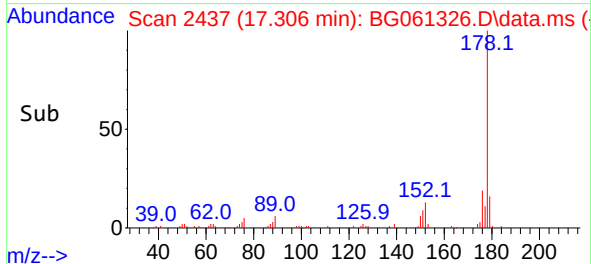
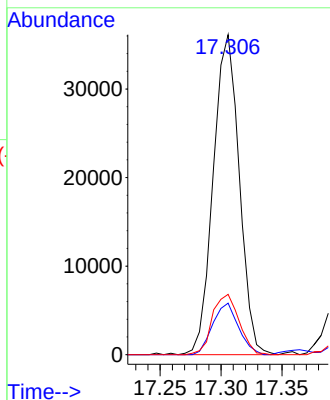
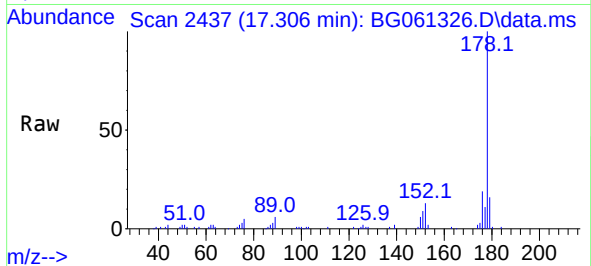
#72
Phenanthrene
Concen: 5.889 ng/u1
RT: 17.306 min Scan# 2437
Delta R.T. -0.007 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

Instrument :
BNA_G
ClientSampleId :
BH5Q5

Tgt Ion:178 Resp: 53728
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 18.9 15.5 23.3

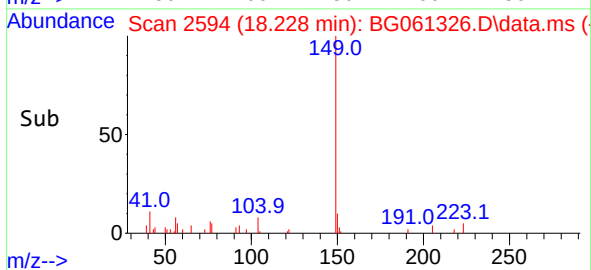
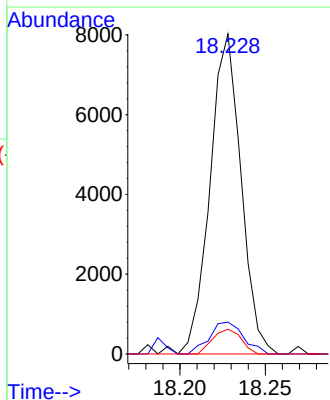
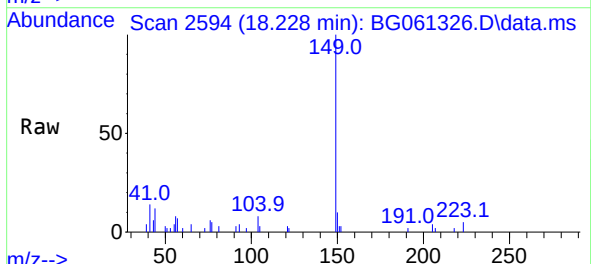
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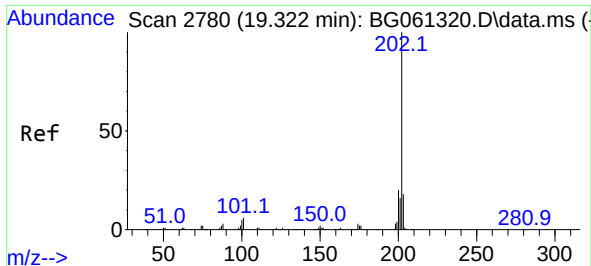
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#78
Di-n-butylphthalate
Concen: 1.054 ng/u1
RT: 18.228 min Scan# 2594
Delta R.T. -0.007 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

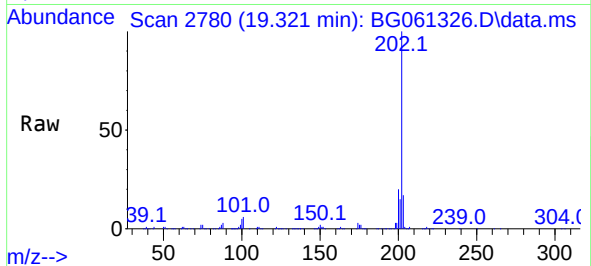
Tgt Ion:149 Resp: 10130
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.8
104 7.7 4.8 7.2#





#80
Fluoranthene
Concen: 15.977 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

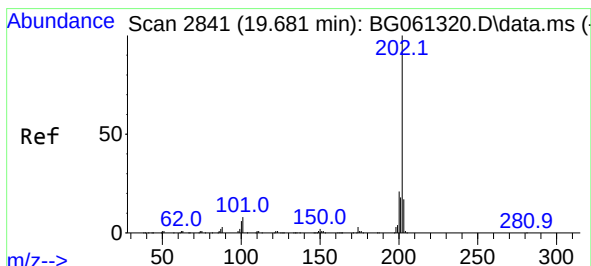
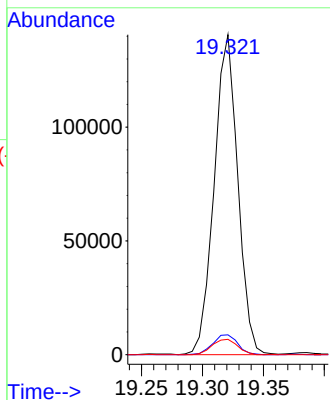
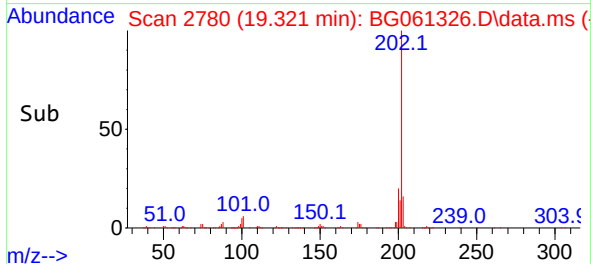
Instrument :
BNA_G
ClientSampleId :
BH5Q5



Tgt Ion:202 Resp: 189518
Ion Ratio Lower Upper
202 100
101 6.2 4.8 7.2
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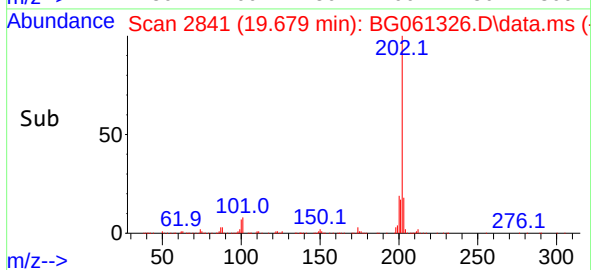
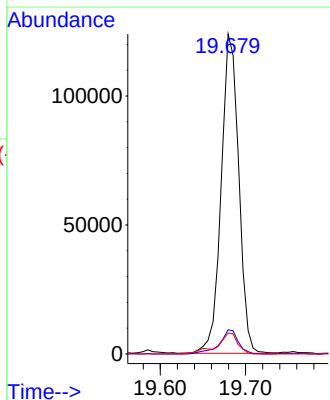
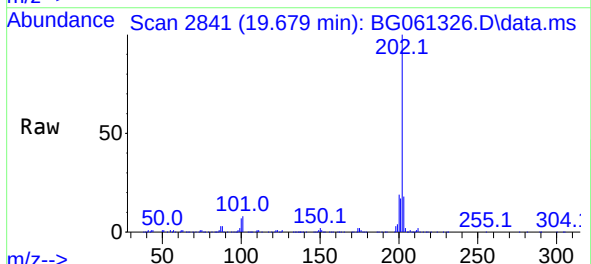
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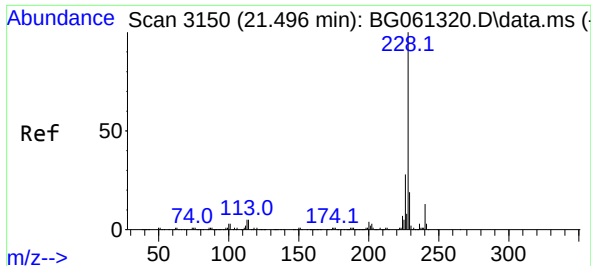
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#82
Pyrene
Concen: 14.431 ng/ul
RT: 19.679 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

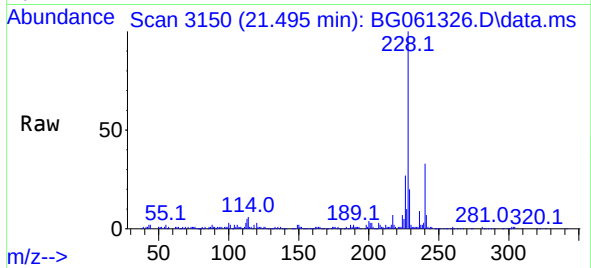
Tgt Ion:202 Resp: 177694
Ion Ratio Lower Upper
202 100
101 7.6 5.7 8.5
100 6.6 5.1 7.7





#85
Benzo(a)anthracene
Concen: 8.655 ng/u1
RT: 21.495 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

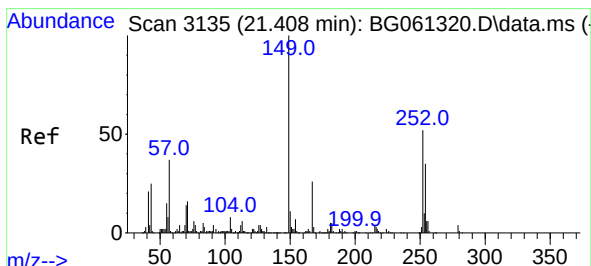
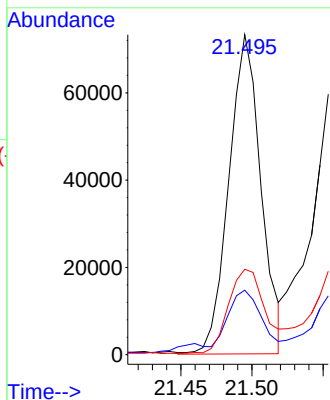
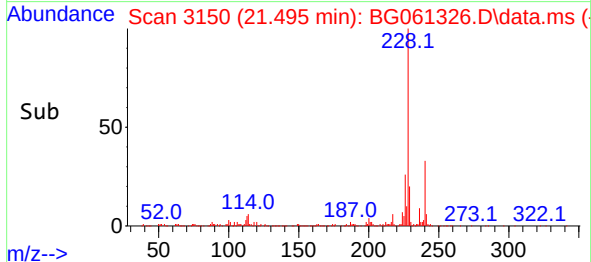
Instrument :
BNA_G
ClientSampleId :
BH5Q5



Tgt Ion:228 Resp: 115011
Ion Ratio Lower Upper
228 100
229 20.2 15.2 22.8
226 26.7 21.4 32.2

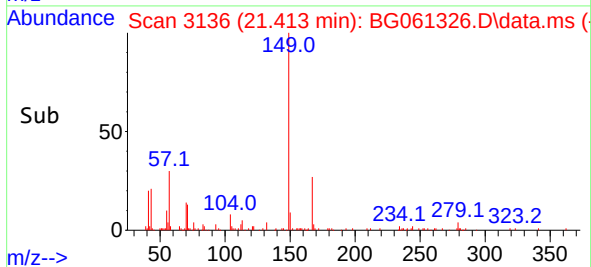
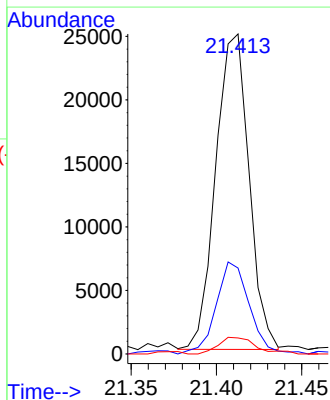
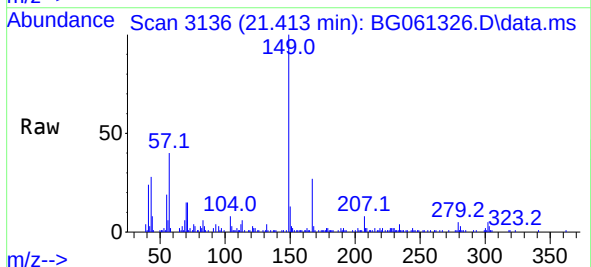
Manual Integrations
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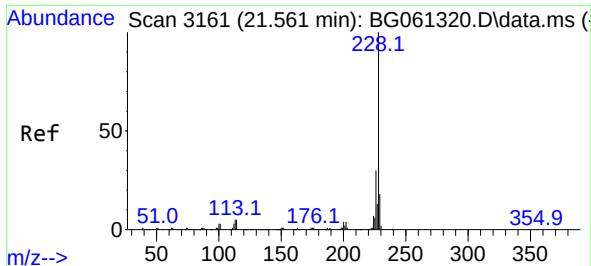
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 5.389 ng/u1
RT: 21.413 min Scan# 3136
Delta R.T. -0.001 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

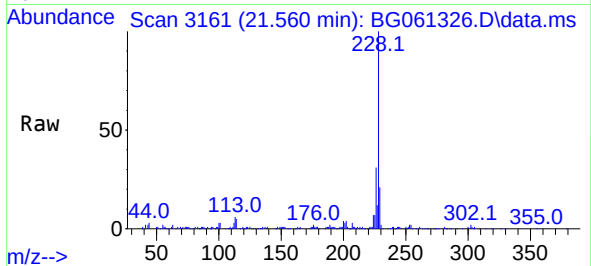
Tgt Ion:149 Resp: 33743
Ion Ratio Lower Upper
149 100
167 26.8 21.1 31.7
279 5.0 3.3 4.9#





#87
Chrysene
Concen: 9.969 ng/u1
RT: 21.560 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

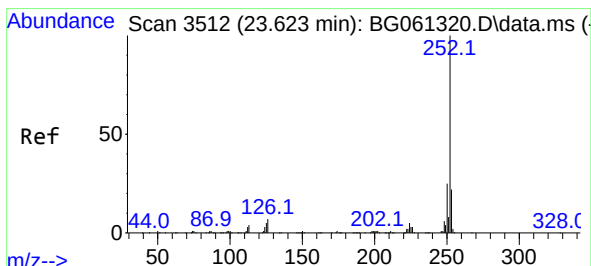
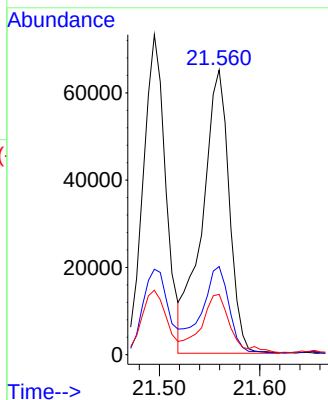
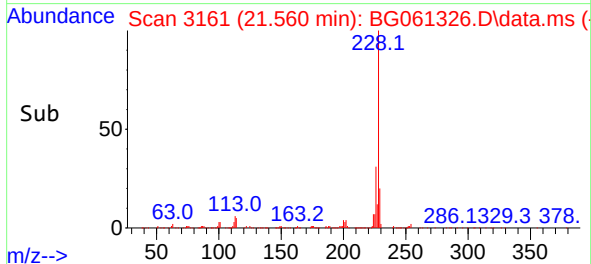
Instrument :
BNA_G
ClientSampleId :
BH5Q5



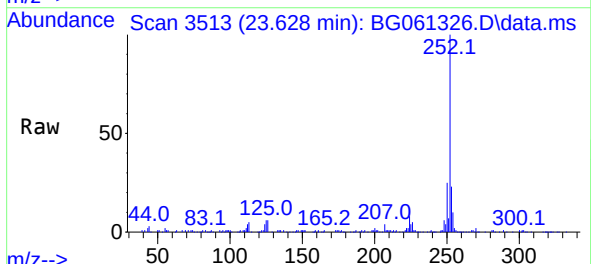
Tgt Ion:228 Resp: 121974
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 21.2 15.4 23.2

Manual Integrations
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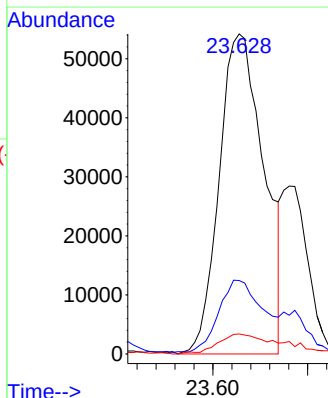
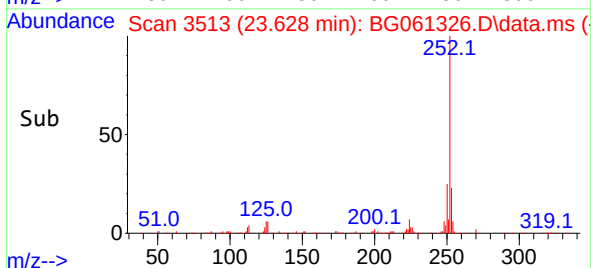
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

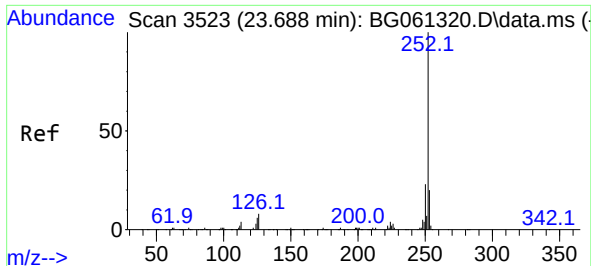


#90
Benzo(b)fluoranthene
Concen: 13.661 ng/u1
RT: 23.628 min Scan# 3513
Delta R.T. -0.001 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13



Tgt Ion:252 Resp: 177482
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 6.2 4.6 6.8





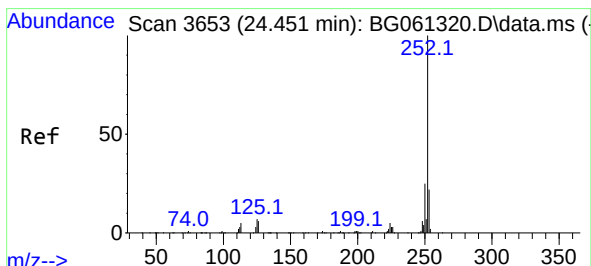
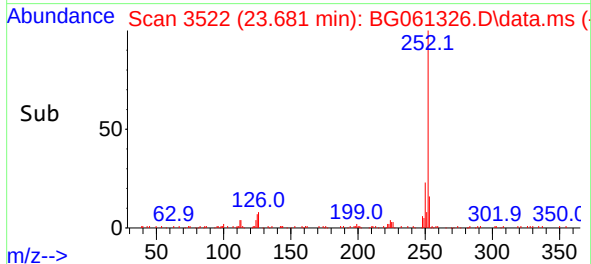
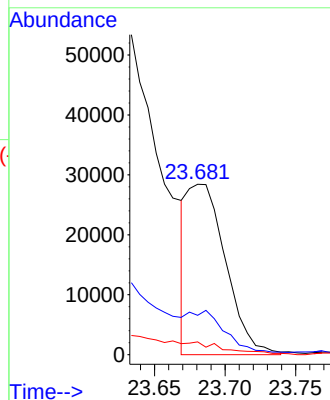
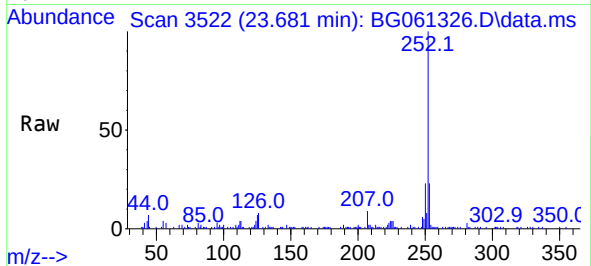
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Benzo(k)fluoranthene
Concen: 4.077 ng/ul m
RT: 23.681 min Scan# 3522
Delta R.T. -0.013 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

Instrument :
BNA_G
ClientSampleId :
BH5Q5

Tgt Ion:252 Resp: 5377
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 7.5 4.3 6.5

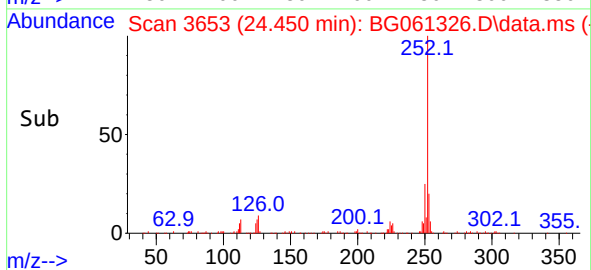
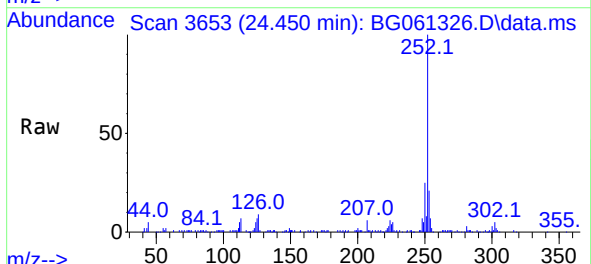
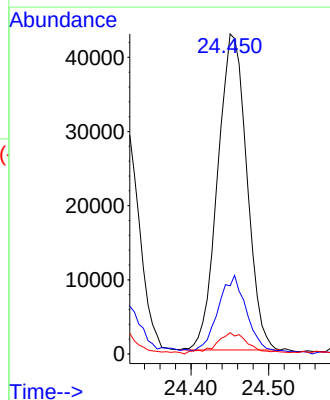
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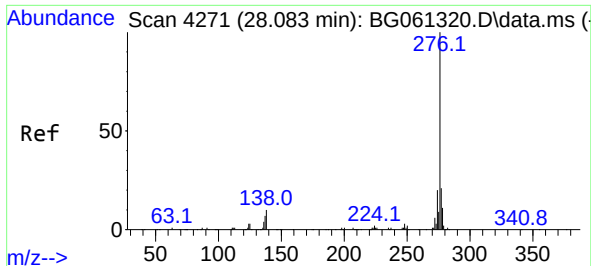
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024



#93
Benzo(a)pyrene
Concen: 9.026 ng/ul
RT: 24.450 min Scan# 3653
Delta R.T. -0.013 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

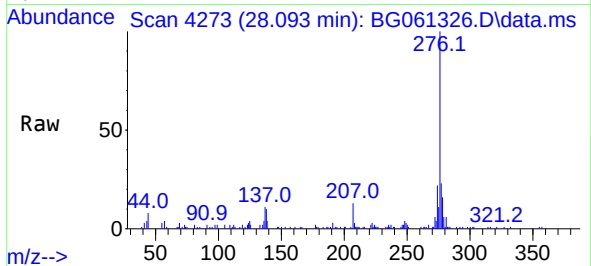
Tgt Ion:252 Resp: 111355
Ion Ratio Lower Upper
252 100
253 21.3 16.4 24.6
125 6.6 4.3 6.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.564 ng/ul
RT: 28.093 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

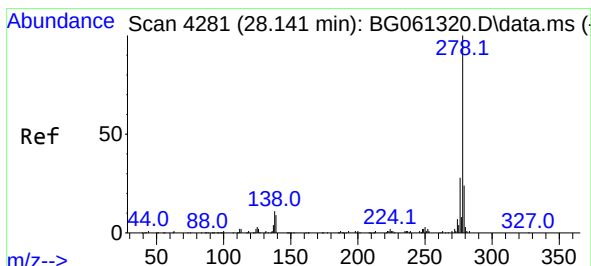
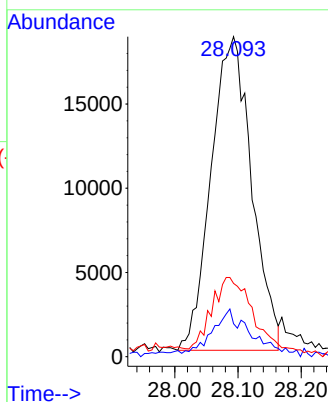
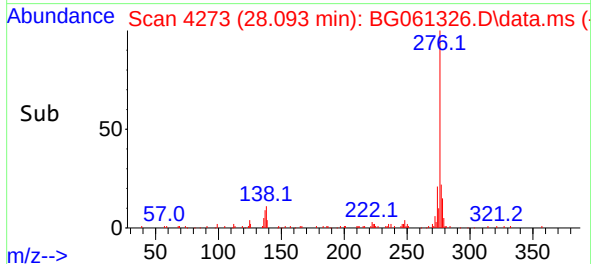
Instrument :
BNA_G
ClientSampleId :
BH5Q5



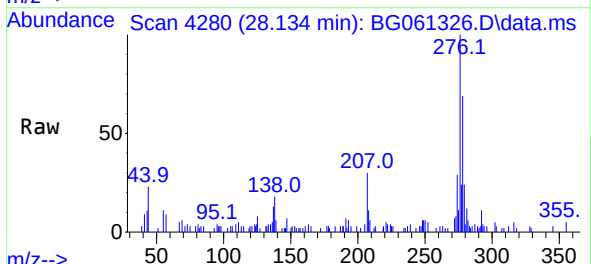
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Ion Ratio Lower Upper
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138 13.9 8.6 13.0
277 22.9 19.7 29.5

Manual Integrations
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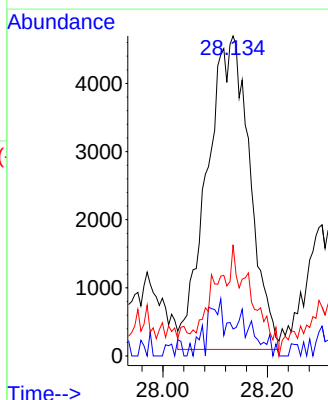
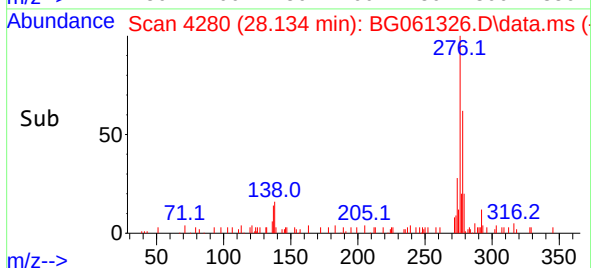
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 06/01/2024

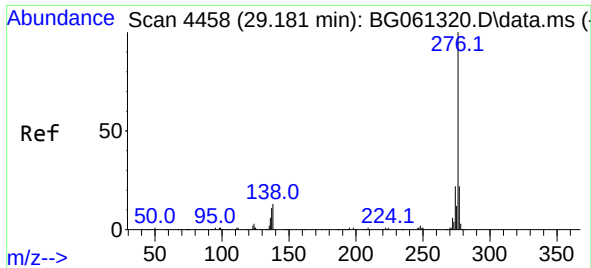


#95
Dibenzo(a,h)anthracene
Concen: 2.121 ng/ul m
RT: 28.134 min Scan# 4280
Delta R.T. -0.025 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13



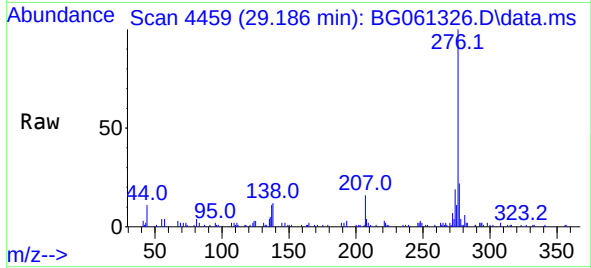
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Ion Ratio Lower Upper
278 100
139 8.4 6.4 9.6
279 34.8 19.9 29.9





#96
Benzo(g,h,i)perylene
Concen: 6.105 ng/ul
RT: 29.186 min Scan# 4459
Delta R.T. -0.007 min
Lab File: BG061326.D
Acq: 29 May 2024 13:13

Instrument :
BNA_G
ClientSampleId :
BH5Q5



Tgt Ion:276 Resp: 7246
Ion Ratio Lower Upper
276 100
138 11.9 8.7 13.1
277 22.2 18.2 27.2

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 06/01/2024

